

LOSS COSTS – IMPLEMENTATION

NOVEMBER 13, 2023

GENERAL LIABILITY

LI-GL-2023-233

## MINNESOTA GENERAL LIABILITY ADVISORY PROSPECTIVE LOSS COST REVISION TO BE IMPLEMENTED

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### KEY MESSAGE

Revised overall prospective loss costs for **-2.1%** to be implemented.

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### BACKGROUND

In circular [LI-GL-2023-211](#), we provided you with information about the General Liability loss cost level experience review.

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### CONSIDERATION OF COVID-19

In anticipation of long-term behavioral, social and economic changes as a result of COVID-19, we expect, based on the information currently available, that those changes will have a material impact on prospective loss costs for certain risks. The selected changes and current indicated changes in the individual state exhibits of this circular reflect the application of the COVID-19 adjustments to the loss costs for several impacted OL&T classes.

Additionally, due to the impact that the COVID-19 pandemic had on experience from March 2020 and beyond, we continue to include a fourth year of experience in calculating prospective loss costs level changes. We will continue to seek the appropriate balance between the COVID-19 impacted experience and the experience of other years used in the analyses to determine our prospective loss costs for future periods.

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### ISO ACTION

We are implementing [GL-2023-BGL1](#), which presents a review of General Liability loss cost experience.

Refer to the attachment(s) for complete details.

*For more information on the status of filings in a particular state, including filed and approved documents, associated circulars and links to Print Ready Manuals and Commercial Lines Manual, please feel free to access our [Filings](#) feature within the ISOnet Circulars product.*

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## SUPPLEMENTARY INFORMATION

We are including the following supplementary information:

- An Actuarial Analysis Supplement which provides discussion and analysis of pattern shifts in the data used to derive the advisory loss costs.
- The loss cost exhibits contained in this filing in a Microsoft® Excel workbook.

NOTE: This supplementary information is **not** part of the experience review document and, in states where we are making a filing, is **not** part of the filing.

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## EFFECTIVE DATE

We do not establish an effective date for Commercial General Liability loss cost revisions in this state. Each insurer that elects to utilize this revision is responsible for determining its own effective date.

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## IMPACT ON THE STATISTICAL REPORTING OF LOSS COST MULTIPLIER

For the purpose of reporting your company Loss Cost Multiplier under the CSP, as of May 1, 2024, the multiplier must be based on the relationship between your gross rates and the ISO advisory prospective loss costs contained in this circular.

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## COMPANY ACTION

You must independently determine the final rates you will use and the effective date of any rate change. If you decide to use our prospective loss costs to revise your rates, you are NOT required to file anything with the Insurance Department.

You must document your files in case the Insurance Department wishes to review the information at a later date. In all correspondence on this revision, you should refer to ISO Filing Number GL-2023-BGL1, NOT this circular number.

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## RATING SOFTWARE IMPACT

No new attributes are being introduced with this revision.

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## POLICYHOLDER NOTIFICATION

If you decide to implement this revision, you should check all applicable laws for the state(s) to which this revision applies, to determine whether or not a specific policyholder notice requirement may apply. Please note that circular [LI-CL-2023-005](#) contains the ISO Guide To Renewals With Changed Conditions For Commercial Lines, which is available only as a guide to assist participating companies in complying with various conditional renewal statutes or regulations, for the major commercial lines of insurance serviced by ISO. The information in the Guide does not necessarily reflect all requirements or exceptions that may apply, and it is not intended as a substitute for your review of all applicable statutes and regulations concerning policyholder notification.

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## REVISION DISTRIBUTION

We will issue a Notice to Manualholders with an edition date of 5-24 (or the earliest possible subsequent date), along with any new and/or revised manual pages.

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## REFERENCE(S)

- [LI-GL-2023-211](#) (10/25/2023) General Liability Basic Limit Experience For 2023 Group 4 Jurisdictions Reviewed By Staff
  - [LI-CL-2023-005](#) (02/21/2023) Commercial Lines Revised Lead Time Requirements Listing
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## ATTACHMENT(S)

- GL-2023-BGL1
  - Actuarial Analysis Supplement
  - Manual Pages
  - Excel Workbook
- 

## FILES AVAILABLE FOR DOWNLOAD

To download all files associated with this circular, including attachments in the full circular PDF and/or any additional files not included in the PDF, search for the circular number on [ISOnet Circulars](#). Then click the Word/Excel link under the Full Circular column on the Search Results screen.

Please note that in some instances, not all files listed in the Attachment(s) block (if applicable) are included in the PDF.

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## DATA QUALITY

Statistical plan data reported to ISO is first processed through a system of rigorous automated data verification procedures so that only valid data would be used for ratemaking. Subsequent to this initial data submission review, additional analyses on the statistical plan data involving an even more customized data review for this line were performed by staff. During these processes, various data records were excluded from the review. The ISO staff responsible for this circular also reviewed the data for reasonableness.

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## ACKNOWLEDGMENT OF ACTUARIAL QUALIFICATIONS

The American Academy of Actuaries' "Qualification Standards for Actuaries Issuing Statements of Actuarial Opinion in the United States" requires that an actuary issuing a Statement of Actuarial Opinion should include an acknowledgment with the opinion that he/she has met the qualification standards of the AAA. ISO considers this loss cost review a Statement of Actuarial Opinion; therefore, we are including the following acknowledgment:

I, Ping Hsin Lee, am an Actuarial Associate for ISO, and I, Timothy J. McCarthy, am an Actuarial Product Director for Commercial Liability for ISO. We are jointly responsible for the content of this Statement of Actuarial Opinion. We are both members of the American Academy of Actuaries and we meet the Qualification Standards of the American Academy of Actuaries to render the actuarial opinion contained herein.

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Now, as in the past, all of our products and services are advisory, and are made available for optional use by participating insurers as a matter of individual choice. Your company must decide for itself which, if any, ISO products or services are needed or useful to its operation and how those selected for use should be applied. We urge that you be guided by the advice of your attorneys on the legal requirements.

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## CONTACT INFORMATION

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Phone: 800-888-4476

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MINNESOTA GL-2023-BGL1  
BASIC LIMIT LOSS COST LEVEL  
GENERAL LIABILITY OTHER THAN PROFESSIONAL  
PREMISES/OPERATIONS AND PRODUCTS/COMPLETED OPERATIONS  
EXECUTIVE SUMMARY

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PURPOSE

This document:

- revises current advisory prospective loss costs for Premises/Operations and Products/Completed Operations classes. These loss costs represent a -2.1% change from the current ISO loss costs. Please note that throughout this document the term loss costs means advisory prospective loss costs.
  - provides the analyses used to derive these advisory loss costs.
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DEFINITION OF  
THE ISO  
ADVISORY  
PROSPECTIVE  
LOSS COSTS

Advisory prospective loss costs in this document are the expected value of that portion of a rate that does not include provisions for expenses (other than loss adjustment expenses) or profit, and are based on historical aggregate losses and loss adjustment expenses adjusted through development to their ultimate value and projected through trending to a future point in time.

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CONSIDERATION  
OF COVID-19

In GL-2020-BGL1, loss costs for nine classifications were adjusted due to the anticipation of long-term behavioral, social and economic changes as a result of COVID-19. The expectation, based on the information currently available, was that those changes would have a material impact on prospective loss costs for certain risks. To reflect these changes, judgmentally selected adjustment factors were applied to the loss costs for those nine classes. These OL&T class specific COVID-19 adjustments are still being reflected in the loss costs within this document. Refer to Section D for details.

Additionally, due to the impact that the COVID-19 pandemic had on experience from March 2020 and beyond, we continue to include a fourth year of experience in calculating the statewide prospective loss costs level changes. In this review, equal weights have been assigned to each year of experience to determine the statewide indicated loss cost level changes for Premises/Operations, Products and Local Products/Completed Operations. We will continue to seek the appropriate balance between the COVID-19 impacted experience and the experience of other years used in the analyses to determine our prospective loss costs for future periods.

While there is still great uncertainty around COVID-19, the above referenced adjustments do not contemplate the possibility of the renewal of stay-at-home orders during the period in which the newly filed loss costs will be in effect. We have assumed that any recurrence of such extreme and unpredictable circumstances would generally be addressed, as appropriate, by individual carriers.

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LOSS COST  
LEVEL CHANGES

The statewide advisory loss cost level changes are:

| <u>SUBLINE</u>                      | <u>INDICATED</u> | <u>SELECTED</u> |
|-------------------------------------|------------------|-----------------|
| M&C                                 | -9.3%            | -9.3%           |
| OL&T                                | +17.4%           | +12.5%          |
| Premises/Operations                 | +3.8%            | +1.4%           |
| Products                            | -14.2%           | -14.2%          |
| Local Products/Completed Operations | -9.6%            | -9.6%           |
| Products/Completed Operations       | -10.9%           | -10.9%          |
| GL Overall                          | -0.4%            | -2.1%           |

The selected loss cost level changes reflect the effect of capping and buildback except for Products where the change is calculated by determining the effect, on state loss cost levels, of implementing multistate loss costs.

INDICATED  
VS. SELECTED

Indicated changes are based on standard ISO methodology. The selected changes are equal to the indicated changes for all sublines except for Owners, Landlords, and Tenants where a change of +12.5% has been selected to temper the effect of the 2021 experience and to limit swings in the loss costs.

CAPPING

In order to lessen the impact of swings in classification loss costs, this document contains upper and lower caps that take into account the size of the overall indications.

PRIOR ISO  
REVISIONS

See Page ES-5 for the latest revisions in this jurisdiction.

HISTORICAL  
SOURCE DATA

The data used in this document is:

- ISO reporting companies' voluntary experience.
- Fiscal-accident year data through year ended 9/30/2022 for Premises/Operations.
- Calendar-accident year data through year ended 12/31/2021 for Products/Completed Operations.

Bodily Injury and Property Damage deductible data is included. Fringe losses (Coverage B) are also included.

ADJUSTMENTS  
TO  
REPORTED  
EXPERIENCE

The period of use for this revision is anticipated to begin on 5/1/2024. The Products/Completed Operations portion of this review uses a trend date of 10/1/2023 because of the multistate nature of the review. To adjust the loss and exposure data to levels expected to prevail during the period when the revised indications are assumed to be in effect, historical losses and exposures have been multiplied by trend factors. These trend factors are based on changes in cost, frequency and inflation sensitive exposure bases that are expected to arise between the historical experience period and the prospective period during which the revised loss costs will be in effect. For a summary of the selected annual trend factors, see Exhibits C7, C14 and C21.

ADJUSTMENTS  
TO  
REPORTED  
EXPERIENCE  
(CONT'D)

For Premises/Operations, occurrence cost data and occurrence frequency data through 6/30/2022 were used in selecting annual trend factors. For Products/Completed Operations, occurrence cost data and occurrence frequency data through 12/31/2021 were used.

Note that although indications are computed on a Combined Single Limit basis, severity and frequency trends are applied separately for Bodily Injury and Property Damage. Also, separate exposure trends are applied to Owners, Landlords and Tenants class groups 1-13, OL&T class group 16, Manufacturers, Contractors, Products, Local Products and Completed Operations. Exposure trends are not applied to those OL&T classes, which do not have an inflation sensitive exposure base.

Standard actuarial procedures have been used in calculating the indications including adjusting the liability losses to ultimate settlement level and, for all coverages, reflecting all loss adjustment expenses. Indemnity and ALAE are being developed separately. Accident year exposures have been developed to reflect exposure audits.

In this review, multistate reported paid losses, ALAE, and occurrences have been developed to ultimate settlement level in the trend exhibits using paid development techniques. This has been done in the interest of stability of ultimate loss, ALAE and occurrence estimates from one review to another.

TEN  
LARGEST  
COMPANY  
GROUPS IN  
ISO  
DATA  
BASE

OTHER LIABILITY (ASLOB 17.0)

PRODUCTS LIABILITY (ASLOB 18.0)

|  |   |
|--|---|
| 1. Travelers Indemnity Co.               | 1. Fireman's Fund Insurance Co.           |
| 2. Continental Casualty Co.              | 2. Selective Insurance Group              |
| 3. Zurich American Insurance Co.         | 3. Cincinnati Insurance Co.               |
| 4. Cincinnati Insurance Co.              | 4. Travelers Indemnity Co.                |
| 5. Western National Mutual Insurance Co. | 5. Continental Casualty Co.               |
| 6. Liberty Mutual Insurance Co.          | 6. Liberty Mutual Insurance Co.           |
| 7. XL Specialty Insurance Co.            | 7. Zurich American Insurance Co.          |
| 8. Federated Mutual Insurance Co.        | 8. United Fire & Casualty Co.             |
| 9. Employer's Mutual Casualty Co.        | 9. Nationwide Mutual Insurance Co.        |
| 10. Acuity A Mutual Insurance Co.        | 10. Sentry Insurance Mutual Insurance Co. |

Insurers are listed in descending order based on the percent of written premium volume from Statutory Page 14 Data for the year ending 12/31/2021 for the Annual Statement Line of Business (ASLOB) indicated. ASLOB 17.0 is based on statewide written premium volume while ASLOB 18.0 is based on multistate written premium volume.

SIZE  
OF  
ISO  
DATA  
BASE

While we are unable to specifically determine the market share of ISO reporting company groups separately for the classes contained in this document, we believe that a comparison of Statutory Page 14 data for ISO reporting company groups to industrywide Statutory Page 14 data is a reasonable approximation of a market share for these lines.

The market share of ISO participating insurers as measured by Statutory Page 14 Written Premium for the year ending 12/31/2021 is:

|  |        |
|--|--------|
| Statewide - Other Liability (ASLOB 17.0)     | 25.7 % |
| Multistate - Products Liability (ASLOB 18.0) | 30.9 % |



COMPANY  
DECISION

We encourage each insurer to decide independently whether the judgments made and the procedures or data used by ISO in developing the indications contained herein are appropriate for its use. We have included within this document the information upon which ISO relied in order to enable companies to make such independent judgments.

The data underlying the enclosed material comes from companies reporting to Insurance Services Office, Inc. Therefore, the ISO experience permits the establishment of a much broader statistical ratemaking base than could be employed by using any individual company's data. A broader data base enhances the validity of ratemaking analysis derived therefrom. At the same time, however, an individual company may benefit from a comparison of its own experience to the aggregate ISO experience, and may reach valid conclusions with respect to the manner in which its own costs can be expected to differ from ISO's projections based on the aggregate data. Some calculations included in this document involve areas of ISO staff judgment. Each company should carefully review and evaluate its own experience in order to determine whether the indications are appropriate for its use.

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MINNESOTA  
PRIOR REVISIONS

The latest implemented revisions in this state are:

Document: GL-2022-BGL1

| <u>Coverage</u>               | <u>Distribution<br/>Date</u> | <u>Loss Cost Level Changes</u> |                 |                    |
|-------------------------------|------------------------------|--------------------------------|-----------------|--------------------|
|                               |                              | <u>Indicated</u>               | <u>Selected</u> | <u>Implemented</u> |
| M&C                           |                              | -8.5%                          | -8.5%           | -8.5%              |
| OL&T                          |                              | -2.2%                          | -2.2%           | -2.2%              |
| Prem/Ops Combined             |                              | -5.6%                          | -5.6%           | -5.6%              |
| Products                      |                              | -12.3%                         | -12.3%          | -12.3%             |
| Local Products/Completed Ops  |                              | -18.3%                         | -18.3%          | -18.3%             |
| Products/Completed Operations |                              | -16.7%                         | -16.7%          | -16.7%             |
| General Liability Overall     | 5/2023                       | -9.0%                          | -9.0%           | -9.0%              |

Document: GL-2021-BGL1

| <u>Coverage</u>               | <u>Distribution<br/>Date</u> | <u>Loss Cost Level Changes</u> |                 |                    |
|-------------------------------|------------------------------|--------------------------------|-----------------|--------------------|
|                               |                              | <u>Indicated</u>               | <u>Selected</u> | <u>Implemented</u> |
| M&C                           |                              | +1.0%                          | +1.0%           | +1.0%              |
| OL&T                          |                              | +1.5%                          | +1.5%           | +1.5%              |
| Prem/Ops Combined             |                              | +1.2%                          | +1.2%           | +1.2%              |
| Products                      |                              | -6.7%                          | -6.7%           | -6.7%              |
| Local Products/Completed Ops  |                              | -4.9%                          | -4.9%           | -4.9%              |
| Products/Completed Operations |                              | -5.5%                          | -5.5%           | -5.5%              |
| General Liability Overall     | 4/2022                       | -0.6%                          | -0.6%           | -0.6%              |

Document: GL-2020-BGL1

| <u>Coverage</u>               | <u>Distribution<br/>Date</u> | <u>Loss Cost Level Changes</u> |                 |                    |
|-------------------------------|------------------------------|--------------------------------|-----------------|--------------------|
|                               |                              | <u>Indicated</u>               | <u>Selected</u> | <u>Implemented</u> |
| M&C                           |                              | +0.3%                          | +0.3%           | +0.3%              |
| OL&T                          |                              | +13.0%                         | +11.8%          | +11.8%             |
| Prem/Ops Combined             |                              | +6.8%                          | +6.2%           | +6.2%              |
| Products                      |                              | -0.2%                          | -0.2%           | -0.2%              |
| Local Products/Completed Ops  |                              | +0.8%                          | +0.8%           | +0.8%              |
| Products/Completed Operations |                              | +0.5%                          | +0.5%           | +0.5%              |
| General Liability Overall     | 4/2021                       | +5.0%                          | +4.5%           | +4.5%              |

**MINNESOTA  
GENERAL LIABILITY  
TABLE OF CONTENTS**

|   | <b>Explanatory<br/>Pages</b> | <b>Corresponding<br/>Exhibits</b> |
|---|------------------------------|-----------------------------------|
| <b>SECTION A - SCOPE OF REVISION</b>                              |                              |                                   |
| Statewide Loss Cost Level Changes                                 |                              | EXHIBIT A1                        |
| Territory Loss Cost Level Changes                                 |                              | EXHIBIT A2                        |
| Class Group Loss Cost Level Changes -Premises/Operations          |                              | EXHIBIT A3                        |
| Class Group Loss Cost Level Changes-Prod/LPCO                     |                              | EXHIBIT A4                        |
| Explanation of Loss Cost Changes by Class                         | A-1                          | EXHIBIT A5                        |
| Revised Prospective Loss Costs by Class and Percentage Changes    |                              | EXHIBIT A6                        |
| <br><b>SECTION B – CALCULATION OF INDICATIONS</b>                 |                              |                                   |
| Overview of ISO Actuarial Procedures                              | B-1-B-7                      |                                   |
|   |                              |                                   |
| Determination of Indicated Loss Cost Level Change                 | B-8                          |                                   |
| Manufacturers and Contractors                                     |                              | EXHIBIT B1                        |
| Owners, Landlords and Tenants                                     |                              | EXHIBIT B2                        |
| Products  |                              | EXHIBIT B3                        |
| Local Products/Completed Operations                               |                              | EXHIBIT B4                        |
|   |                              |                                   |
| Relative Change Analysis  | B-9-B-15                     |                                   |
| Manufacturers and Contractors:                                    |                              |                                   |
| Basic Limit Relative Change Analysis With Monoline Indicated Loss |                              |                                   |
| Cost Level Change by Class Group                                  |                              | EXHIBIT B5                        |
| Summary of Experience Used In Relative Change Analysis            |                              | EXHIBIT B6                        |
|   |                              |                                   |
| Owners, Landlords and Tenants:                                    |                              |                                   |
| Basic Limit Relative Change Analysis With Monoline Indicated Loss |                              |                                   |
| Cost Level Change by Class Group and Territory                    |                              | EXHIBIT B7                        |
| Summary of Experience Used in Relative Change Analysis            |                              | EXHIBIT B8                        |
|   |                              |                                   |
| Products:   |                              |                                   |
| Basic Limit Relative Change Analysis With Monoline Indicated Loss |                              |                                   |
| Cost Level Change by Class Group                                  |                              | EXHIBIT B9                        |
| Summary of Experience Used in Relative Change Analysis            |                              | EXHIBIT B10                       |
|   |                              |                                   |
| Local Products/Completed Operations:                              |                              |                                   |
| Basic Limit Relative Change Analysis With Monoline Indicated Loss |                              |                                   |
| Cost Level Change by Class Group                                  |                              | EXHIBIT B11                       |
| Relative Change Analysis by State                                 |                              | EXHIBIT B12                       |
| Summary of Experience Used in Relative Change Analysis            |                              | EXHIBIT B13                       |

**MINNESOTA  
GENERAL LIABILITY  
TABLE OF CONTENTS**

| <b>SECTION C - SUPPORTING MATERIAL</b>                                   | <b>Explanatory<br/>Pages</b> | <b>Corresponding<br/>Exhibits</b> |
|--|------------------------------|-----------------------------------|
| <b>Premises/Operations</b>   |                              |                                   |
| Calculation of Aggregate Loss Costs at Current Level and Incurred Losses | B-3-B-4                      | EXHIBIT C1                        |
| Implicit Package Modification  | C-1                          | EXHIBIT C2                        |
| Calculation of Exposure Development Factors                              | C-2-C-3                      | EXHIBIT C3                        |
| M & C Loss Development Data  | C-4-C-9                      | EXHIBIT C4                        |
| OL&T Loss Development Data   |                              | EXHIBIT C5                        |
| Multistate Review of ULAE Experience                                     | C-10                         | EXHIBIT C6                        |
| Trend Summary and Trend Data   | C-11-C-12                    | EXHIBIT C7                        |
| Credibility Procedures   | C-13                         |                                   |
| Class Groups and Differentials   | C-15                         | EXHIBIT C8                        |
| Class Exceptions   | C-16                         |                                   |
|  |                              |                                   |
| <b>Products:</b>   |                              |                                   |
| Calculation of Aggregate Loss Costs at Current Level and Incurred Losses | B-3-B-4                      | EXHIBIT C9                        |
| Implicit Package Modification  | C-1                          | EXHIBIT C10                       |
| Calculation of Exposure Development Factors                              | C-2-C-3                      | EXHIBIT C11                       |
| Loss Development Data  | C-4-C-9                      | EXHIBIT C12                       |
| Multistate Review of ULAE Experience                                     | C-10                         | EXHIBIT C13                       |
| Trend Summary and Trend Data   | C-11-C-12                    | EXHIBIT C14                       |
| Credibility Procedures   | C-13                         |                                   |
| Class Groups and Calculation of Proposed Class Loss Costs                | C-17-C-19                    | EXHIBIT C15                       |
|  |                              |                                   |
| <b>Local Products/Completed Operations:</b>                              |                              |                                   |
| Calculation of Aggregate Loss Costs at Current Level and Incurred Losses | B-3-B-4                      | EXHIBIT C16                       |
| Implicit Package Modification  | C-1                          | EXHIBIT C17                       |
| Calculation of Exposure Development Factors                              | C-2-C-3                      | EXHIBIT C18                       |
| Loss Development Data  | C-4-C-9                      | EXHIBIT C19                       |
| Multistate Review of ULAE Experience                                     | C-10                         | EXHIBIT C20                       |
| Trend Summary and Trend Data   | C-11-C-12                    | EXHIBIT C21                       |
| Credibility Procedures   | C-14                         |                                   |
| Class Groups and Differentials   | C-20                         | EXHIBIT C22                       |
| Class Exceptions   | C-21                         |                                   |

**SECTION D – CONSIDERATION OF COVID**

|   |         |  |
|---|---------|--|
| Introduction                            | D-1     |  |
| Loss Cost Adjustments General Liability | D-1-D-2 |  |

EXPLANATION OF LOSS COST CHANGES BY CLASS  
GENERAL LIABILITY OTHER THAN PROFESSIONAL - SUBLINE CODES 334 AND 336

The Commercial General Liability combined single limit loss costs for each General Liability Other than Professional class code are set forth on the following pages.

For Premises/Operations and Local Products/Completed Operations, these loss costs are calculated by applying the following procedures:

For Premises/Operations, a current base loss cost (CBLC) by class group and territory is calculated. This is equal to Loss Costs at Current Level summarized over all classes in the class group divided by adjusted monoline/multiline exposures (exposure times class differential summed over all classes in the class group). This calculation is done separately for each territory. In the case where there is no territory class group loss costs at current level, the CBLC is not calculated and the current approved territory class group base loss cost is used.

For Local Products/Completed Operations, a current base loss cost by class group is calculated. This is equal to the Loss Costs at Current Level summarized over all classes in the class group divided by adjusted monoline/multiline exposures (exposures times class differential summed over all classes in the class group). In the case where there is no class group loss costs at current level, the CBLC is not calculated and the current approved class group base loss cost is used.

$$CBLC = \frac{\sum_{\text{class}} LCCL}{\sum_{\text{class}} (\text{Exposure}) \times (\text{Differential})}$$

- For Premises/Operations, a proposed base loss cost (PBLC) is calculated by multiplying the CBLC by the class group relative change, the territory relative change and the overall change.

$$PBLC = CBLC \times CG \text{ Relative Change} \times \text{Territory Relative Change} \times \text{Statewide Monoline Change}$$

- For Local Products/Completed Operations, a proposed base loss cost (PBLC) is calculated by multiplying the CBLC by the class group relative change and the overall change.

$$PBLC = CBLC \times CG \text{ Relative Change} \times \text{Statewide Monoline Change}$$

- Each proposed class loss cost is calculated as the differential for that class times the proposed base loss cost for the class group (and territory, if applicable)

For Products, these loss costs are calculated as explained in Pages C-17 to C-19 and EXHIBIT C15 - Class Groups and Calculations of Proposed Class Loss Costs --Products.

METHODOLOGY OVERVIEW  
OVERVIEW OF ISO ACTUARIAL PROCEDURES - GENERAL LIABILITY

INTRODUCTION

General Liability advisory prospective loss costs are determined by evaluating the adequacy of the current ISO loss costs to pay for our best estimate of losses and all loss adjustment expenses that will be incurred in the prospective (or future) period. This evaluation is done separately for Owners, Landlords, and Tenants; Manufacturers and Contractors; Products; and Local Products/Completed Operations Liability.

---

STEP 1:  
DETERMINATION  
OF INDICATED  
LOSS COST  
LEVEL CHANGES

The first step in this process is the determination of the statewide loss cost level indication for Owners, Landlords and Tenants and for Manufacturers and Contractors. A multistate loss cost level indication is determined for Products and for Local Products/Completed Operations. This loss cost indication represents the percentage change that on average must be made to the current ISO loss costs in order to achieve adequacy for the prospective conditions. The percentage changes are presented in EXHIBITS B1-B4 - Determination of Indicated Loss Cost Level Change.

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STEP 2:  
DISTRIBUTION OF  
BASIC LIMIT LOSS  
COST LEVEL  
INDICATION

For Owners, Landlords and Tenants and for Manufacturers and Contractors, ISO then distributes the statewide basic limit loss cost indication to the individual types of policy, territories and class groups using a minimum bias iterative procedure (territory is used for Owners, Landlords and Tenants only).

For Products and for Local Products/Completed Operations, the multistate basic limit loss cost indication is distributed to the individual types of policy and class groups, and additionally to state for Local Products/Completed Operations. For Local Products/Completed Operations, a multistate loss cost level review and Baileys relative change analysis are performed, calculated assuming approval of all filed loss cost changes from the previous review (as opposed to reflecting only the approvals that have been received at the time of this review). Then, for states which did not approve the loss cost change from the previous review, an "off-level" factor is applied to the statewide indication from the multistate analysis. This off-level factor is equal to the selected, unapproved change from the previous review.

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METHODOLOGY OVERVIEW  
OVERVIEW OF ISO ACTUARIAL PROCEDURES - GENERAL LIABILITY

STEP 3:  
APPLICATION OF  
PERCENTAGE  
CHANGES

The last step is the calculation of the ISO advisory prospective loss costs. For Premises/Operations, a Proposed Base Loss Cost by class group and territory must first be calculated. This is derived by multiplying the Current Base Loss Cost by the statewide monoline change, the class group relative change, and (for Owners, Landlords, and Tenants) the territory relative change. ISO advisory prospective loss costs by class are then calculated as the Proposed Base Loss Cost times the class differential. See Page A-1 and EXHIBIT A5 - Explanation of Loss Cost Level Changes by Class for details of this procedure. The statewide loss cost level change has been multiplied by a 'build back' factor to ensure that the selected overall change by subline is achieved. This is required to offset the effect of capped loss costs as well as the effect of revised classification differentials (if any) on the overall change.

For Products, proposed multistate loss costs are calculated using a Bayesian credibility procedure. See Pages C17-C19 and EXHIBIT C15 - Class Groups and Calculation of Proposed Class Loss Costs for details. Where loss costs have been capped, this result is then multiplied by a 'build back' factor to ensure that the selected overall change is achieved.

For Local Products/Completed Operations, the procedure is the same as the Premises/Operations procedure except that Local Products/Completed Operations loss costs are always calculated at the state level even if there are multiple territories. For Local Products/Completed Operations, a Proposed Base Loss Cost by class group and state must first be calculated. This is derived by multiplying the Current Base Loss Cost by the statewide monoline change and the class group relative change. ISO advisory prospective loss costs by class are then calculated as the Proposed Base Loss Cost times the class differential. See Page A-1 and EXHIBIT A5 - Explanation of Loss Cost Level Changes by Class for details of this procedure. The statewide loss cost level change has been multiplied by a 'build back' factor to ensure that the selected overall change by subline is achieved. This is required to offset the effect of capped loss costs as well as the effect of revised classification differentials (if any) on the overall change.

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METHODOLOGY OVERVIEW  
OVERVIEW OF ISO ACTUARIAL PROCEDURES - GENERAL LIABILITY

STEP 1 - DETERMINATION OF INDICATED LOSS COST LEVEL CHANGE

|                    |  |
|--------------------|--|
| OBJECTIVE          | <p>The objective of this procedure is to determine the indicated loss cost level change. This procedure answers the question: What percentage changes must be made on average to the current ISO loss costs in order for them to be adequate to cover indemnity losses and all loss adjustment expenses incurred in the prospective period in which the revised loss costs will be used?</p>   |
| DESCRIPTION        | <p>This procedure compares the developed and trended incurred losses and loss adjustment expenses with the aggregate loss costs at current ISO loss cost level (see definition, below). This experience ratio (losses and all loss adjustment expenses divided by aggregate loss costs) is calculated for several years and a weighted average is calculated. For Premises/Operations and Products/Completed Operations, the standard procedure has been to use the latest three accident years to calculate the weighted average using 20%-30%-50% weights with the highest weight assigned to the most recent year.</p> <p>However, due to the impact that the COVID-19 pandemic and subsequent recession had on experience from March 2020 and beyond, the procedure was revised in the GL-2021-BGL1 filing for Premises/Operations and GL-2022-BGL1 filing for Products/LPCO to include a fourth year to calculate the weighted average of the Premises/Operations and Products/Completed Operations experience ratios. Equal weights are assigned to each year.</p> <p>For Premises/Operations, in order to minimize the impact of random variation in the observed losses, the average experience ratio is then credibility-weighted with the expected experience ratio, which reflects trend and the relative adequacy of current loss costs. This credibility-weighted experience ratio is the indicated statewide advisory loss cost level change in decimal form.</p> <p>For Products/Completed Operations, the average experience ratio is the indicated multistate advisory loss cost level change, in decimal form. Products/Completed Operations data is assumed to be fully credible.</p> |
| EXPERIENCE<br>BASE | <p>The experience used in this review is the latest available simplified data as reported under the ISO Commercial Statistical Plan. The data is aggregated on an accident year basis. The review is conducted on \$100,000 basic limit basis - indemnity losses are limited to \$100,000 per occurrence. Also, bodily injury and property damage deductible data is included. In addition, fringe losses (Coverage B) are included.</p>   |



METHODOLOGY OVERVIEW  
OVERVIEW OF ISO ACTUARIAL PROCEDURES - GENERAL LIABILITY

STEP 1 - DETERMINATION OF INDICATED LOSS COST LEVEL CHANGE (Cont'd)

AGGREGATE  
LOSS  
COSTS

The aggregate loss costs at current ISO loss cost level are the loss-related revenue that would have been collected if the current ISO loss costs and deductible discounts were used during the experience period. They are calculated by extending the exposures at the current ISO loss costs. Where appropriate, certain reported data elements have been adjusted prior to being used in the calculations. The \$100,000 basic limit loss costs are used. Inflation-sensitive exposures are adjusted to a prospective level using exposure trend. Exposures are trended to one year beyond the assumed effective date. Accident year exposures are also developed to account for changes due to exposure audits.

---

INCURRED  
LOSSES  
& LAE

The incurred losses and loss adjustment expenses are our best estimate of the ultimate payment for indemnity losses and loss adjustment expenses using the frequency and severity levels ISO expects to occur during the prospective period for which the revised loss costs are assumed to be in effect. Where appropriate, certain reported data elements have been adjusted prior to being used in the calculations.

For the liability coverages, the reported incurred losses and allocated loss adjustment expenses are subject to the following adjustments:

- developed to an ultimate settlement basis by the application of loss development factors;
- loaded for unallocated loss adjustment expenses;
- placed on the prospective cost/frequency level by the application of trend factors. Losses are trended to one year beyond the assumed effective date.

Incurred indemnity losses are capped at the \$100,000 basic limit.

Refer to EXHIBITS C4-C7 (Premises/Operations), EXHIBITS C12-C14 (Products) and EXHIBITS C19-C21 (Local Products/Completed Operations) for the support for these loss-related adjustments.

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METHODOLOGY OVERVIEW  
OVERVIEW OF ISO ACTUARIAL PROCEDURES - GENERAL LIABILITY

STEP 1 - DETERMINATION OF INDICATED LOSS COST LEVEL CHANGE (Cont'd)

|   |  |
|---|--|
| EXPERIENCE<br>RATIO                             | The experience ratio is the ratio of the incurred losses and loss adjustment expenses to the aggregate loss costs at current ISO loss cost level. It measures the adequacy of the current ISO loss costs for the prospective period.   |
| EXPECTED<br>EXPERIENCE<br>RATIO                 | The expected experience ratio is our best prediction of the experience ratio if the most recent data were not available. For this review we have assumed that the current loss costs will be inadequate for the prospective period to the extent of the net trend. The net trend is calculated as the annual net trend factor projected for the number of years between the last review date and the assumed effective date of this document. The details for the calculation can be found in the footnotes at the bottom of EXHIBITS B1-B4. |
| CREDIBILITY                                     | For Premises/Operations, credibility is based upon the number of occurrences for all years in the experience period. Products/Completed Operations data is assumed to be fully credible. The procedure for assigning credibility is outlined in Credibility Standards (Pages C13-C14).   |
| CREDIBILITY-<br>WEIGHTED<br>EXPERIENCE<br>RATIO | For Premises/Operations, the weighted experience ratio is credibility-weighted with the expected experience ratio defined above. The resulting credibility-weighted experience ratio, converted to a percentage, is the indicated change to the current monoline-multiline loss cost level.  |

METHODOLOGY OVERVIEW  
OVERVIEW OF ISO ACTUARIAL PROCEDURES - GENERAL LIABILITY

STEP 2 - DISTRIBUTION OF BASIC LIMIT LOSS COST LEVEL INDICATION

|                         |  |
|-------------------------|--|
| OBJECTIVE               | <p>For Premises/Operations, the objective of this procedure is to distribute the statewide basic limit loss cost level indication to the individual types of policy, territories and class groups using a minimum bias iterative procedure. This procedure is used to answer the question: What percentage changes by territory and class group must be made to the current ISO loss costs in order to achieve adequacy for the prospective conditions? Similarly, for Products, the multistate basic limit loss cost level change is distributed via the minimum bias iterative procedure to type of policy and class group. For Local Products/Completed Operations the change is also distributed to state.</p>   |
| PREMISES/<br>OPERATIONS | <p>For Premises/Operations, this procedure arrives at a set of type of policy, class group and territory relative changes that best represent the experience within each state. The type of policy relative changes serve to derive the relationship of the CPP policies relative to monoline policies, via the PMF, while the class group and territory relative changes serve to derive the relationship of the various classifications and territories relative to one another.</p> <p>The indicated change to monoline loss costs is calculated for each class group - territory combination by taking the product of the monoline type of policy relative change, the class group relative change, the territory relative change and the statewide coverage loss cost level indication.</p> <p>The overall monoline loss cost level indication is the weighted average of the class group - territory combination indications. In calculating this weighted average, monoline/multiline aggregate loss costs at current level for the latest available accident year are used as weights.</p> |
| PRODUCTS                | <p>Products is reviewed using multistate data; a two-way minimum bias iterative procedure is used to arrive at a set of type of policy and class group relative changes that best represent the experience. The type of policy relative changes serve to derive the relationship of CPP policies relative to monoline policies, via the PMF, while the class group relative changes serve to derive the relationship of the various classifications relative to one another.</p> <p>The indicated multistate change to monoline loss costs is calculated for each class group by taking the product of the monoline type of policy relative change, the class group relative change, and the multistate coverage loss cost level indication.</p>   |

METHODOLOGY OVERVIEW  
OVERVIEW OF ISO ACTUARIAL PROCEDURES - GENERAL LIABILITY

STEP 2 - DISTRIBUTION OF BASIC LIMIT LOSS COST LEVEL INDICATION (Cont'd)

PRODUCTS(Cont'd)

The overall multistate monoline loss cost level indication is the monoline/multiline aggregate loss costs at current level weighted average of the class group indications.

The indicated statewide change is calculated by determining the effect, on statewide loss cost levels, of implementing the multistate loss costs. The difference between the multistate change and the indicated statewide change is a result of a difference in the distribution of risks by class in this jurisdiction versus the multistate. In addition, for the states that are off the multistate loss cost level, the difference is also a result of previous multistate revisions which were not implemented in this jurisdiction.

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LOCAL PRODUCTS/  
COMPLETED  
OPERATIONS

Local Products/Completed Operations is reviewed using multistate data, and this procedure arrives at a set of type of policy, class group, and state relative changes that best represent the multistate experience. The type of policy relative changes serve to derive the relationship of the CPP policies relative to the monoline policies, via the PMF, while the class group and state relative changes serve to derive the relationship of the various classifications and states to one another.

The indicated change to monoline loss costs is calculated for each class group - state combination by taking the product of the monoline type of policy relative change, the class group relative change, the state relative change and the multistate coverage loss cost level indication.

The overall monoline loss cost level indication is the weighted average of the class group - state combination indications. In calculating this weighted average, monoline/multiline aggregate loss costs at current level for the latest available accident year are used as weights.

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EXPLANATORY NOTES TO DETERMINATION OF INDICATED  
LOSS COST LEVEL CHANGE

For Premises/Operations, the statewide loss cost level indication is determined using the statewide experience for all monoline and multiline risks. For Products/Completed Operations, the multistate loss cost level indication is determined using the multistate experience for all monoline and multiline risks.

For Premises/Operations and Products/ Completed Operations, the loss cost level indications are based upon a review of the latest four years of basic limit experience of companies reporting to Insurance Services Office, Inc. For Premises/Operations, data for accident years ending September 30, 2019, 2020, 2021, and 2022 are weighted 25%, 25%, 25% and 25% respectively. For Products/Completed Operations, multistate data for accident years ending December 31, 2018, 2019, 2020, and 2021 are weighted 25%, 25%, 25% and 25% respectively.

Aggregate loss costs at the current level for the multiline risks have been adjusted by the Implicit Package Modification Factors by Type of Policy. Exposures have been developed to account for changes due to audits. Inflation sensitive exposures have been trended. Incurred losses have been developed and trended, and include all loss adjustment expenses.

For details on these adjustments see EXHIBITS C1-C7 (Premises/Operations), EXHIBITS C9-C14 (Products) and EXHIBITS C16-C21 (Local Products/Completed Operations).

## EXPLANATORY NOTES TO RELATIVE CHANGE ANALYSIS

### OBJECTIVES

The objectives of this procedure are to:

- 1) determine monoline loss cost level needs for the appropriate rating variables;
- 2) determine indicated changes to the CPP Package Modification Factors based on Premises/Operations and Products/Completed Operations.

### EXPERIENCE BASE

The experience used in this relative change analysis is the latest five (5) years of data, as reported under the Commercial Statistical Plan with adjustments made as described in the Explanatory Notes to Determination of Indicated Loss Cost Level Change in this section.

### SIMULTANEOUS DETERMINATION OF RATING VARIABLE RELATIVE CHANGES

Once the aggregate loss costs at current level and incurred losses used in the analysis have been appropriately adjusted, the 5-year experience ratios are calculated for each combination of the appropriate rating variables. From these ratios, relative changes to the statewide 5-year experience ratio are calculated. These relative changes are then used in a minimum bias iterative review procedure, which simultaneously determines the relative changes for each rating variable. This data appears in EXHIBITS B5-B13.

The purpose of a simultaneous review procedure is to arrive at a set of relative changes for each rating variable that best represent the experience. For example, the type of policy relative changes will serve to derive the relationship of CPP policies relative to monoline policies, via the PMF, while the class group and territory relative changes will serve to derive the relationship of the various classification and territories relative to one another. An iterative technique is used to derive relative changes for each rating variable. This procedure is in contrast to a one-way type of review, wherein relative changes for each rating variable would each be reviewed separately.

Such one-way types of review do not take into account differing percentages of experience of each rating variable within the other rating variables. The simultaneous review procedure accounts for these different distributions in generating relative changes for each rating variable.

### RATING VARIABLES USED

For Premises/Operations and Products/Completed Operations, the rating variables used in the relative change analysis are as follows:

|                                       |   |
|---------------------------------------|---|
| Manufacturers and Contractors -       | type of policy and class group            |
| Owners, Landlords and Tenants -       | type of policy, territory and class group |
| Products -                            | type of policy and class group            |
| Local Products/Completed Operations - | type of policy, state and class group     |

## EXPLANATORY NOTES TO RELATIVE CHANGE ANALYSIS

### ITERATIVE PROCEDURE

The iterative technique referred to in the previous paragraph solves for a set of relative changes for each rating variable based on the experience for the cells; that is, based on the experience ratio and latest year adjusted aggregate loss cost volume for each combination of rating variables relative to the experience ratio and adjusted aggregate loss cost volume for all combinations of rating variables combined. Specifically, the iterative procedure uses the following formulas:

For Owners, Landlords and Tenants:

$$TOP_i = \frac{\sum_j \sum_k W_{ijk} r_{ijk}}{\sum_j \sum_k W_{ijk} CG_j TER_k} \quad \text{where } 1 \leq i \leq m$$
$$CG_j = \frac{\sum_i \sum_k W_{ijk} r_{ijk}}{\sum_i \sum_k W_{ijk} TOP_i TER_k} \quad \text{where } 1 \leq j \leq n$$
$$TER_k = \frac{\sum_i \sum_j W_{ijk} r_{ijk}}{\sum_i \sum_j W_{ijk} TOP_i CG_j} \quad \text{where } 1 \leq k \leq p$$

$TOP_i$  is the relative change for the  $i^{\text{th}}$  type of policy;

$CG_j$  is the relative change for the  $j^{\text{th}}$  class group;

$TER_k$  is the relative change for the  $k^{\text{th}}$  territory;

$W_{ijk}$  is the aggregate loss costs at current level for the  $i^{\text{th}}$

type of policy,  $j^{\text{th}}$  class group and  $k^{\text{th}}$  territory;

$r_{ijk}$  is the relative change for the  $i^{\text{th}}$  type of policy,

$j^{\text{th}}$  class group and  $k^{\text{th}}$  territory;

$m$  is the number of types of policy in the analysis;

$n$  is the number of class groups in the analysis;

$p$  is the number of territories in the analysis;

## EXPLANATORY NOTES TO RELATIVE CHANGE ANALYSIS

### ITERATIVE PROCEDURE (Cont'd)

For Manufacturers and Contractors, and Products:

$$TOP_i = \frac{\sum_j W_{ij} r_{ij}}{\sum_j W_{ij} CG_j} \quad \text{where } 1 \leq i \leq m$$
$$CG_j = \frac{\sum_i W_{ij} r_{ij}}{\sum_i W_{ij} TOP_i} \quad \text{where } 1 \leq j \leq n$$

$TOP_i$  is the relative change for the  $i^{\text{th}}$  type of policy;

$CG_j$  is the relative change for the  $j^{\text{th}}$  class group;

$W_{ij}$  is the aggregate loss costs at current level for the  $i^{\text{th}}$

type of policy and  $j^{\text{th}}$  class group;

$r_{ij}$  is the relative change for the  $i^{\text{th}}$  type of policy

and  $j^{\text{th}}$  class group;

$m$  is the number of types of policy in the analysis;

$n$  is the number of class groups in the analysis;



# EXPLANATORY NOTES TO RELATIVE CHANGE ANALYSIS

## ITERATIVE PROCEDURE (Cont'd)

For Local Products/Completed Operations:

$$TOP_i = \frac{\sum_j \sum_k W_{ijk} r_{ijk}}{\sum_j \sum_k W_{ijk} CG_j ST_k} \quad \text{where } 1 \leq i \leq m$$

$$CG_j = \frac{\sum_i \sum_k W_{ijk} r_{ijk}}{\sum_i \sum_k W_{ijk} TOP_i ST_k} \quad \text{where } 1 \leq j \leq n$$

$$ST_k = \frac{\sum_i \sum_j W_{ijk} r_{ijk}}{\sum_i \sum_j W_{ijk} TOP_i CG_j} \quad \text{where } 1 \leq k \leq p$$

$TOP_i$  is the relative change for the  $i^{\text{th}}$  type of policy;

$CG_j$  is the relative change for the  $j^{\text{th}}$  class group;

$ST_k$  is the relative change for the  $k^{\text{th}}$  state;

$W_{ijk}$  is the aggregate loss costs at current level for the  $i^{\text{th}}$

type of policy,  $j^{\text{th}}$  class group and  $k^{\text{th}}$  state;

$r_{ijk}$  is the relative change for the  $i^{\text{th}}$  type of policy,

$j^{\text{th}}$  class group and  $k^{\text{th}}$  state;

$m$  is the number of types of policy in the analysis;

$n$  is the number of class groups in the analysis;

$p$  is the number of states in the analysis;

## EXPLANATORY NOTES TO RELATIVE CHANGE ANALYSIS

### ITERATIVE PROCEDURE (Cont'd)

For example, for Owners, Landlords and Tenants, the procedure starts by inserting the actual relative changes for type of policy and class group into the third formula to get a territory relative change. This result is then used with the class group relative change in the first formula to get a new type of policy relative change, which in turn is substituted along with the territory relative change into the second formula to get a new class group relative change. The process continues on in that fashion until there is no appreciable difference from one iteration to the next.

---

### APPLICATION OF CREDIBILITY

Consideration is then given to the credibility of the experience for each rating variable. The credibility of each of these categories is based on the formula

$$Z = \sqrt{P/18,000} \text{ for Owners, Landlords and Tenants, } Z = \sqrt{P/18,000} \text{ for}$$

$$\text{Manufacturers and Contractors and } Z = \sqrt{P/20,000} \text{ for Products, where P is}$$

the 5 year occurrence total for a given class group, territory or type of policy.

For Local Products/Completed Operations, separate formulas are used to calculate the credibility of the experience for each type of policy and class group

$$\text{versus the credibility of the experience for each state, namely } Z = \sqrt{P/15,000}$$

$$\text{for type of policy and class group, and } Z = \sqrt{P/5,500} \text{ for state (in this case, P is}$$

the 5 year occurrence total for a given state). Credibility-weighted relative changes are then calculated as follows:

$$W = R^Z \quad \text{where:}$$

Z is the class group, territory, state or type of policy credibility;

R is the class group, territory, state or type of policy relative change;

W is the credibility-weighted relative change.

The resulting credibility-weighted relative changes are then balanced to assure that the average relative change remains at unity.

---

## EXPLANATORY NOTES TO RELATIVE CHANGE ANALYSIS

### MULTILINE CONSIDERATIONS

The type of policy (TOP) relative changes and the class group, territory and state relative changes which result from the aforementioned procedures are then used to generate indicated monoline classification loss cost changes and multiline indications that apply to the current Implicit Package Modification Factors (IPMFs). The indicated IPMFs are calculated as follows:

$$\text{Indicated IPMF for TOP y} = \frac{\text{Current IPMF for TOP y} \times \text{Relative Change for TOP y}}{\text{Monoline Relative Change for All Territories Combined}}$$

For each CPP Type of Policy, the indicated IPMF is subject to a minimum and maximum level. To the extent that an indicated IPMF falls outside one of those limits, it is capped at that limit, its data is built back into the monoline TOP, and the procedure as described above is repeated to take this into account.

For LPCO, the term "All States" is substituted for the "All Territories" in the formula above.

---

### MONOLINE INDICATIONS -- PREMISES/ OPERATIONS

For Premises/Operations, the indicated change to monoline loss costs is calculated for each class group-territory combination by taking the product of the monoline type of policy relative change, the class group relative change, the territory relative change and the statewide coverage loss cost level indication.

The overall monoline loss cost level indication is the weighted average of the monoline class group-territory combination indications. In calculating this weighted average, latest year monoline/multiline loss costs at current level are used as weights.

Territory applies to Owners, Landlords and Tenants only.

---

### MONOLINE INDICATIONS -- PRODUCTS

For Products, the indicated change to monoline loss costs is calculated for each class group by taking the product of the monoline type of policy relative change, the class group relative change and the multistate coverage loss cost level indication.

The overall multistate monoline loss cost level indication is the weighted average of the monoline class group indications. In calculating this weighted average, latest year multistate monoline/multiline loss costs at current level are used as weights.

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## EXPLANATORY NOTES TO RELATIVE CHANGE ANALYSIS

### MONOLINE INDICATIONS -- LOCAL PRODUCTS/ COMPLETED OPERATIONS

For Local Products/Completed Operations, the indicated change to monoline loss costs is calculated for each class group-state combination by taking the product of the monoline type of policy relative change, the class group relative change, the state relative change and the multistate coverage loss cost level indication.

The overall multistate monoline loss cost level indication is the weighted average of the monoline class group-state indications. In calculating this weighted average, latest year multistate monoline/multiline loss costs at current level are used as weights.

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EXPLANATORY NOTES TO  
IMPLICIT PACKAGE MODIFICATION FACTORS

In order to calculate the aggregate loss costs at current ISO levels, the reported exposures must be multiplied by the current ISO monoline loss costs. For multiline exposures, the ISO monoline loss costs must be adjusted by the appropriate ISO implicit package modification factors in order to be on a multiline level.

Implicit Package Modification Factors (IPMF's) adjust the ISO monoline loss costs to levels applicable to multiline risks, i.e., to reflect a difference in multiline experience relative to monoline experience for each coverage. This adjustment is made because risks written under a Package Policy have different experience than risks written under a monoline policy. The IPMF's are calculated based upon a comparison of the multiline experience relative to the monoline experience, and this comparison is done via the Bailey minimum bias relative change analysis (as described in Explanatory Notes to Relative Change Analysis in Pages B-9 to B-15). IPMF's are calculated separately by coverage, for each applicable type of policy within each coverage. One result of the IPMF adjustment to multiline ALCCL is that the monoline and multiline experience for the same coverage tends toward the same experience ratio. IPMF's are the components of the published liability Package Modification Factors (PMF's) which vary by type of policy only. These PMF's represent the CPP relativity for all liability coverages combined within a type of policy. The IPMF represents what the PMF would be for the CPP risk if only a single coverage were written.

## EXPLANATION OF EXPOSURE DEVELOPMENT

### IMPORTANCE OF APPLICATION

The application of exposure development factors reflects the important ratemaking concept that all of the exposures for a particular accident year have not been finally determined at the time the experience is compiled. This is because exposures are subject to audit and may change as a result.

---

### APPLICATION OF EXPOSURE DEVELOPMENT FACTORS

The earned exposures underlying the Premises/Operations statewide loss cost level indications are evaluated as of December 31, 2022. Products/Completed Operations data is evaluated as of March 31, 2022.

For example, the accident year ending December 31, 2021 includes all exposures earned during the period from January 1, 2021 through December 31, 2021.

The immature experience reported as of 15 and 27 months for accident years ending 9/30/2022 and 9/30/2021 must be adjusted to an ultimate exposure development basis. This adjustment is accomplished through the use of an exposure development factor. Exposures are assumed to be mature at 39 months. Exposure development factors are based on experience evaluated as of September 30, 2022 for Premises/ Operations and March 31, 2022 for Products/Completed Operations.

The Premises/Operations and the Local Products/Completed Operations exposure development factors used in this revision are based on statewide and multistate experience. The Products exposure development factors are based on multistate experience. The exposure development factors are based on total limits premium. Using premium rather than exposures eliminates distortions that may arise because of changing distributions of data by class. The exposure development factors used are the 'best 3 of 5.' This is calculated by taking the exposure development ratios for the latest five years, dropping the highest and lowest ratios and then averaging the remaining three ratios. For Premises/Operations and Local Products/Completed Operations, the state ratios are then credibility-weighted with the multistate ratios using a Bayesian credibility procedure.

## EXPLANATION OF EXPOSURE DEVELOPMENT

### APPLICATION OF EXPOSURE DEVELOPMENT FACTORS (Cont'd)

EXHIBIT C3 - Calculation of Exposure Development Factors displays the calculation of the credibility-weighted exposure development factors for Premises/Operations. State and multistate data are used in the calculation. Products exposure development is based on multistate data, as shown in EXHIBIT C11 - Calculation of Exposure Development Factors. EXHIBIT C18 - Calculation of Exposure Development Factors displays the calculation of the credibility-weighted exposure development factors for Local Products/Completed Operations. State and multistate data are used in the calculation.

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## EXPLANATION OF LOSS DEVELOPMENT

### IMPORTANCE OF APPLICATION

The application of loss development factors reflects the important ratemaking concept that all of the losses for a particular accident year have not been finally determined at the time the experience is compiled.

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### APPLICATION OF LOSS DEVELOPMENT FACTORS

The incurred losses and allocated loss adjustment expenses underlying the Premises/Operations statewide loss cost level indications were evaluated as of December 31, 2022. Products/Completed Operations data is evaluated as of March 31, 2022.

For example, the accident year ending December 31, 2021 includes all losses and allocated loss adjustment expenses paid on accidents occurring from January 1, 2021 through December 31, 2021 and all losses and loss adjustment expenses outstanding on those policies as of March 31, 2022, 15 months after the inception of the accident year.

The immature experience reported as of 15, 27, 39 and 51 months for accident years ending 9/30/2022, 9/30/2021, 9/30/2020, and 9/30/2019 must be adjusted to an ultimate settlement basis. This adjustment is accomplished through the use of a loss development factor.

Indemnity losses are developed separately from ALAE. ALAE development procedures are described in the Explanation of ALAE Development in this section.

The Premises/Operations and the Completed Operations indemnity loss development factors used in this revision are based on statewide and multistate accident year experience. The Products and Local Products indemnity loss development factors are based on multistate accident year experience. The loss development factors used are the 'best 3 of 5.' This is calculated by taking the loss development ratios for the latest five years, dropping the highest and lowest ratios and then averaging the remaining three ratios. For evaluations that do not have five years of data, the ratios are calculated using the Modified Bondy Method. An explanation of this method can be found in the Explanation of Modified Bondy Method in this section. The Bondy calculated ratios are excluded from the calculation of the three year mean ratios. If fewer than three years of data are available, the three year mean ratio is based on the data for the available year(s).



## EXPLANATION OF LOSS DEVELOPMENT

### APPLICATION OF LOSS DEVELOPMENT FACTORS (Cont'd)

For Premises/Operations and Completed Operations bodily injury and property damage full coverage indemnity, statewide experience is credibility weighted with multistate experience. A Bayesian credibility procedure is used.

For bodily injury deductible, property damage deductible and fringe incurred indemnity losses, multistate development is used.

For Premises/Operations, Medical Payments experience is assumed to be fully mature; therefore, no loss development factors are applied.

Starting with the 2015 review, pre-CGL (Commercial General Liability) data will no longer be included in the loss development analyses. The decision was made since CGL data represents over 99% of the multistate data for all years in these analyses. The use of pre-CGL data had historically been used to increase the volume of data in the accident years following the introduction of the CGL policy.

EXHIBITS C4 and C5 - M&C and OL&T Loss Development Data respectively display the calculation of the credibility-weighted loss development factors for Premises/Operations. State and multistate data are used.

The multistate Products loss development data is displayed in EXHIBIT C12 - Loss Development Data.

EXHIBIT C19 - Loss Development Data displays the calculation of the credibility-weighted loss development factors for Completed Operations. State and multistate data are used. The multistate Local Products loss development data is also displayed in EXHIBIT C19 - Loss Development Data.

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## EXPLANATION OF ALLOCATED LOSS ADJUSTMENT EXPENSE (ALAE) DEVELOPMENT

### OBJECTIVE

This document contains a procedure designed to achieve more consistent and stable estimates of ultimate ALAE which are generally at lower volume than the associated basic limit liability losses. Also, while basic limit losses may exhibit relatively stable development patterns over time, ALAE development patterns may be much more variable.

Traditional development procedures customarily used for losses apply a loss development factor to reported losses at various evaluation points. For example, a '15-month to ultimate' factor would be applied to the losses for accident year ended September 30, 2022 evaluated as of December 31, 2022. If an analogous procedure is used for ALAE, the variability of the experience can lead to unusually high (or low) estimates of ultimate ALAE.

---

### INCREMENTAL ALAE PERCENTAGES

The procedure used in this document calculates future ALAE development using ALAE as a percentage of ultimate incurred indemnity losses.

Specifically, "incremental ALAE percentages" are calculated as the emergence of ALAE between two evaluation points, divided by ultimate incurred indemnity losses. For example, the difference between historic ALAE evaluated at 27 months and ALAE evaluated at 15 months is expressed as a percentage of ultimate incurred indemnity losses. Similar percentages are calculated for the 27-to-39 month period, the 39-to-51 month period, etc. These percentages are summed, and multiplied by estimated ultimate incurred losses for a given accident year, to calculate ultimate ALAE.

In order to achieve greater stability, statewide and multistate percentages are credibility weighted. The ultimate incurred indemnity losses used as the denominator in the incremental ALAE percentages are capped at \$500,000. ALAE is expected to vary in proportion to loss volume, but higher limits of losses are better estimates of the overall loss volume in a given year. Losses limited at \$500,000 were found to be a stable base for use in this procedure.

---

## EXPLANATION OF ALLOCATED LOSS ADJUSTMENT EXPENSE (ALAE) DEVELOPMENT

### DESCRIPTION OF METHODOLOGY

First, statewide and multistate ultimate incurred indemnity losses (capped at \$500,000) are calculated using standard ISO procedures (see Explanation of Loss Development in this section).

The next step is to calculate statewide and multistate triangles of incremental ALAE. At each evaluation and each stage of maturity, incremental ALAE is calculated as a percentage of ultimate indemnity losses, separately for statewide and multistate data, and separately for each accident year. For each stage of maturity, a 'best 3 of 5' method is used to determine incremental percentages. The statewide incremental percentages are then credibility weighted with the multistate percentages.

The resulting weighted incremental percentages are summed together and applied to the developed \$500,000 limits indemnity losses to calculate the ALAE remaining to be incurred. This is added to reported incurred ALAE to determine ultimate ALAE. For example,

$$\text{Ultimate ALAE} = (\text{Incurred ALAE at 15 months}) + \\ (\text{sum of incremental ALAE percentages}) * \\ (\text{ultimate indemnity})$$

---

### APPLICATION

The above methods are used to develop ALAE to 171 months. Bodily injury and property damage ALAE are developed separately, and the credibility-weighted incremental ALAE percentages are applied to statewide ultimate indemnity losses to calculate expected future ALAE. This result is added to statewide ALAE reported at the most recent evaluation date for each accident year.

These calculations are shown in EXHIBITS C4 and C5 - Loss Development.

---

Note: The developed losses in the ALAE calculation in this filing reflect the full implementation of the 500K loss development factors, which had not been implemented in the immediately preceding filing, in the calculation of ALAE remaining to be incurred.

## EXPLANATION OF ALLOCATED LOSS ADJUSTMENT EXPENSE (ALAE) DEVELOPMENT

|        |  |
|--------|--|
| FRINGE | Because there is a lower volume of data for the fringe coverage, the incremental ALAE percentages are calculated using multistate data and applied to state ultimate indemnity losses (capped at \$500,000). |
|--------|--|

---

|          |   |
|----------|---|
| PRODUCTS | Products ALAE is developed to 171 months using multistate data and the incremental method above. Because Products ALAE historically has more substantial development beyond 171 months, multistate link ratios are calculated to develop ALAE from 171 months to ultimate, using the standard link-ratio methodology (see Explanation of Loss Development in this section). |
|----------|---|

---

|  |   |
|--|---|
| LOCAL PRODUCTS/<br>COMPLETED<br>OPERATIONS | Local Products/Completed Operations ALAE incremental percentages are calculated to 171 months using multistate data and applied to state ultimate indemnity losses (capped at \$500,000). Since Local Products/Completed Operations ALAE historically has more substantial development beyond 171 months, multistate link ratios are calculated to develop ALAE from 171 months to ultimate, using the standard link-ratio methodology (see Explanation of Loss Development in this section). |
|--|---|

---

## EXPLANATION OF MODIFIED BONDY METHOD

Each development link ratio is estimated based on average of the 'Best 3 out of 5' years' link ratios for that particular link. Where 5 link ratios are not available we use the Modified Bondy procedure to estimate those link ratios. The algorithm used is outlined below:

| Accident<br>Year | 171 to 183<br>Months | 183 to 195<br>Months | 195 to 207<br>Months | 207 to 219<br>Months | 219 to 231<br>Months | 231 to 243<br>Months | 243 Months<br>To Ultimate<br>Z* |
|------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|---------------------------------|
| 2001             | A                    | G                    | L                    | P                    | S                    | U                    | Z*                              |
| 2002             | B                    | H                    | M                    | Q                    | T                    | Y*                   |                                 |
| 2003             | C                    | I                    | N                    | R                    | X*                   | Y*                   |                                 |
| 2004             | D                    | J                    | O                    | W*                   | X*                   | Y*                   |                                 |
| 2005             | E                    | K                    | V*                   | W*                   | X*                   | Y*                   |                                 |
| 2006             | F                    |                      |                      |                      |                      |                      |                                 |
| Best 3 out of 5# | BTOF1                | BTOF2                | BTOF3                | BTOF4                | BTOF5                | BTOF6                |                                 |

\* Calculated using the Modified Bondy Procedure.

# The 'Best 3 out of 5' loss development ratio is calculated by taking the sum of the latest 5 years' link ratios and subtracting out both the highest and lowest link ratio and then dividing the result by 3.

The link ratios represented by the letters A through U are calculated directly from the reported data. The links represented by V through Z are calculated using the following formulae:

$$\begin{aligned}
 V &= \text{BTOF2}^{(P1)} & X &= \text{BTOF4}^{(P3)} & \text{Where the powers P1, P2, P3, P4 and P5} \\
 W &= \text{BTOF3}^{(P2)} & Y &= \text{BTOF5}^{(P4)} & \text{are defined as follows:} \\
 Z &= \text{BTOF6}^{(P5)}
 \end{aligned}$$

If  $\text{BTOF1} > 1.0$  and  $\text{BTOF1} \geq \text{BTOF2} \geq 1.0$  Or  $\text{BTOF1} < 1.0$  and  $\text{BTOF1} \leq \text{BTOF2} \leq 1.0$   
Then  $P1 = \text{Log}(\text{BTOF2}) / \text{Log}(\text{BTOF1})$  Otherwise:  $P1 = 1.0$

---

If  $\text{BTOF2} > 1.0$  and  $\text{BTOF2} \geq \text{BTOF3} \geq 1.0$  Or  $\text{BTOF2} < 1.0$  and  $\text{BTOF2} \leq \text{BTOF3} \leq 1.0$   
Then  $P2 = \text{Log}(\text{BTOF3}) / \text{Log}(\text{BTOF2})$  Otherwise:  $P2 = 1.0$

---

If  $\text{BTOF3} > 1.0$  and  $\text{BTOF3} \geq \text{BTOF4} \geq 1.0$  Or  $\text{BTOF3} < 1.0$  and  $\text{BTOF3} \leq \text{BTOF4} \leq 1.0$   
Then  $P3 = \text{Log}(\text{BTOF4}) / \text{Log}(\text{BTOF3})$  Otherwise:  $P3 = 1.0$

---

If  $\text{BTOF4} > 1.0$  and  $\text{BTOF4} \geq \text{BTOF5} \geq 1.0$  Or  $\text{BTOF4} < 1.0$  and  $\text{BTOF4} \leq \text{BTOF5} \leq 1.0$   
Then  $P4 = \text{Log}(\text{BTOF5}) / \text{Log}(\text{BTOF4})$  Otherwise:  $P4 = 1.0$

---

If  $\text{BTOF5} > 1.0$  and  $(0.8 * \text{Log}(\text{BTOF5})) \geq \text{Log}(\text{BTOF6}) \geq 0.0$   
Or  $\text{BTOF5} < 1.0$  and  $(0.8 * \text{Log}(\text{BTOF5})) \leq \text{Log}(\text{BTOF6}) \leq 0.0$   
Then  $P5 = \text{Log}(\text{BTOF6}) / (\text{Log}(\text{BTOF5}) - \text{Log}(\text{BTOF6}))$  Otherwise:  $P5 = 4.0$

Once all link ratios have been determined, the development factors can then be calculated. The 243 months to ultimate development factor is equal to Z as defined above. The 231 months to ultimate factor is then determined by multiplying Z by the 231 to 243 month 'Best 3 out of 5' years' link ratio. All other 'to ultimate' development factors are calculated in the same manner.

## UNALLOCATED LOSS ADJUSTMENT FACTOR METHODOLOGY

|                                     |  |
|-------------------------------------|--|
| BACKGROUND                          | <p>Allocated loss adjustment expense is reported on a unit transaction basis with the loss records and is thus included with indemnity loss data. Since the prospective loss costs include all loss adjustment expenses, we must load for unallocated loss adjustment expense.</p> <hr/>   |
| IMPORTANCE OF APPLICATION           | <p>The unallocated loss adjustment expense factor is necessary to account for loss adjustment expenses which cannot be allocated to a particular claim.</p> <hr/>  |
| METHODOLOGY FOR LIABILITY COVERAGES | <p>Calculation of the unallocated loss adjustment expense factor is based on multistate data for ISO member and subscriber companies (see Multistate review of ULAE Experience in EXHIBIT C6, EXHIBIT C13 and EXHIBIT C20). The adjustment is calculated by using unallocated expenses as a percent of losses and allocated expenses.</p> <p>Starting with the 2011 review, experience for CMP Liability has been included with the data used to select the ULAE factor.</p> <p>For this review the factor is 1.075.</p> <hr/> |

## EXPLANATION OF TREND CALCULATION

### EXPOSURE TREND

The exposure bases for most Premises/Operations and Products/Completed Operations classes are inflation sensitive. In order to provide aggregate loss costs at current level, reported exposures must be trended to reflect the anticipated exposure levels.

Exposure trends are estimated using custom price indexes derived from econometric historic data and base-case forecasts provided by Moody's Analytics. Each custom index is calculated as a ratio of nominal (current dollar) values for some measure of economic activity to the real (inflation-adjusted) values for the same.

For M&C, exposures are calculated based upon sales by manufacturers and average hourly earnings of contracting workers. For OL&T Class Group 16, exposures are calculated based upon the four-quarter moving average quarterly price deflator of state and local government expenditures. The exposure trend for OL&T Class Groups 1-13 is based upon the average annual growth rates in consumption components. For Premises/Operations exposure trend detail, see EXHIBIT- C7 - Trend Summary and Trend Data.

For Products/Completed Operations, exposures are calculated based upon sales by manufacturers for products and local products classes and average hourly earnings of contracting workers for completed operations classes just as for M&C. For Products exposure trend detail, see EXHIBIT C14 - Trend Summary and Trend Data. For Local Products/Completed Operations exposure trend detail, see EXHIBIT C21 - Trend Summary and Trend Data.

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### SEVERITY TREND

The Premises/Operations multistate accident year (both fiscal and calendar year) average ultimate occurrence severity for the latest six, eight and ten years is displayed in EXHIBIT C7. For Products, multistate calendar accident year average occurrence severity for the latest six, eight and ten years is displayed in EXHIBIT C14. For Local Products/Completed Operations, multistate calendar accident year average occurrence severity for the latest six, eight and ten years is displayed in EXHIBIT C21. The standard ISO calculation uses the least squares method to construct an exponential curve of best fit from this time series data, since the data contain random fluctuations. By minimizing these fluctuations, we can make a more reliable estimate of the underlying trend in the data. In this review multistate dollars of losses and number of occurrences contained in the severity trend exhibits are based on paid amounts developed to ultimate using paid development factors (chain ladder link ratio for indemnity and an incremental ALAE method for ALAE). The procedure to determine the ultimate ALAE underlying the severity trend analysis is consistent with the procedure used in ISO's General Liability loss development calculations. Specifically, "incremental ALAE percentages" are calculated by each 12 month evaluation period and summed. They are then multiplied by estimated ultimate paid \$500,000 limit indemnity losses for a given accident year and added to the reported paid ALAE to calculate the ultimate ALAE. Large individual occurrence ALAE amounts are capped to temper the effect on a severity point in cases where they have a significant impact on the individual severity point.

Starting with the 2015 review, pre-CGL (Commercial General Liability) data will no longer be included in the trend analyses. The decision was made since CGL data represents over 99% of the multistate data for all years in these analyses. The use of pre-CGL data had historically been used to increase the volume of data in the accident years following the introduction of the CGL policy.

## EXPLANATION OF TREND CALCULATION

### SEVERITY TREND (Cont'd)

In selecting severity trend factors for use in calculating the Premises/Operations and Products/Completed Operations indicated loss cost level changes, we also review and compare severity trends indicated by techniques other than the standard calculation described above. For example, exponential fits where ultimate average severity is based on incurred (rather than paid) data, as well as econometric models, are reviewed. In addition, consideration is also given to the goodness of fit statistic (R-squared) and trend selections from prior reviews.

Given the difference in time between the end of the experience period and available external data related to trend (CPI for example) when this filing was developed, the external data has been reviewed and taken into account as part of the trend selections. This has become more important with the significant changes in inflation in recent times. The impact of any changes in inflation on insurance losses may not be fully reflected in the historical trend data.

For Products, the exponential curve does not fit the data well. Given the current inflationary environment, the impact of the pandemic and the other considerations mentioned above, we are maintaining the same selections as in the 2022 review.

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### FREQUENCY TREND

The historical occurrence frequency data are displayed in EXHIBIT C7, EXHIBIT C14 and EXHIBIT C21. For Premises/Operations, these pages display the frequency data for CGL only for accident years ending 6/30/2009 - 6/30/2022. For Products/Completed Operations, these pages display the frequency data for CGL only for accident years ending 12/31/2008 - 12/31/2021. The Premises/Operations experience includes occurrences arising from fringe coverages. In this review, multistate number of occurrences contained in the frequency trend exhibits are based on paid amounts developed to ultimate using paid development factors.

Historically, frequency trend for Premises/Operations and Products/Completed Operations has been quite volatile, often cyclical in nature. As a result, an exponential curve did not fit the data well over a long term. Given the frequency trend pattern, however, we are continuing to select a negative frequency trend for Manufacturers and Contractors, Owners, Landlords and Tenants and Products. For Local Products/Completed Operations, we have selected 0.0%. These selections are consistent with a measured approach toward frequency trend selections, which reflects the difficulty of predicting turning points for cyclical and volatile data along with the amplifying effects that varying frequency trend selections have on indicated loss cost level changes.

For Premises/Operations and Products/Completed Operations, frequency trend data includes pandemic impacted periods. It is expected that the sharpest economic and pandemic disruptions have already occurred, but the effects may persist in muted form for some time. Less reliance than normal has been placed on the frequency trend data for the latest points when making selections given that this pandemic impacted period may not be a good indicator of future experience.

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## CREDIBILITY STANDARDS

The following rule is used in calculating the partial credibility used in determination of the indicated statewide loss cost level change for Manufacturers and Contractors:

$$z = \sqrt{\frac{\text{Total number of occurrences during four year experience period}}{6,500}}$$

The rule for Owners, Landlords and Tenants is:

$$z = \sqrt{\frac{\text{Total number of occurrences during four year experience period}}{6,000}}$$

These standards are based on 90% confidence of being within 7% of the actual value.

Due to the greater need for stability in the relative change analysis, full credibility standards used therein are as follows:

For Manufacturers and Contractors:

$$z = \sqrt{\frac{\text{Total number of occurrences during five year experience period}}{18,000}}$$

For Owners, Landlords and Tenants:

$$z = \sqrt{\frac{\text{Total number of occurrences during five year experience period}}{18,000}}$$

For Products:

$$z = \sqrt{\frac{\text{Total number of occurrences during five year experience period}}{20,000}}$$

These standards are based on 95% confidence of being within 5% of the actual value.

## CREDIBILITY STANDARDS

For the Local Products/Completed Operations relative change analysis, the full credibility standards used are as follows:

$$z = \sqrt{\frac{\text{Total number of occurrences during five year experience period}}{15,000}}$$

This full credibility standard applies for each type of policy and class group. It is based on 95% confidence of being within 5% of the actual value.

For Local Products/Completed Operations, the full credibility standard below applies for each state.

$$z = \sqrt{\frac{\text{Total number of occurrences during five year experience period}}{5,500}}$$

It is based on 90% confidence of being within 7% of the actual value, i.e. the same criteria used in determination of statewide loss cost level changes for Premises/Operations.

These credibility standards reflect occurrence severity and occurrence frequency variations for bodily injury and property damage combined.

EXPLANATORY NOTES TO CLASS GROUPS  
AND DIFFERENTIALS -- PREMISES/OPERATIONS

The present CGL class groups and countrywide differentials and class exceptions for Premises/Operations classifications are presented in EXHIBIT C8 - Class Groups and Differentials and Class Exceptions - Page C-16. Class groups 14 and 39 are A-rated class groups and are not reviewed in this document. Class groups 1-14 and 16 are considered OL&T, while class groups 30-39 are considered M&C.

Differentials are reviewed on a periodic basis. The most recent differential review was completed in 2009 and filed with the 2009 revisions.

## CLASS EXCEPTIONS

# The following class exceptions apply by state:

### Class Group 10

47469 Not valid for New Jersey

### Class Group 13

49292 For New York, territory 01, class is mapped to Class Group 14 {(a)-rated}

49920 Valid only for New York, territory 01, with a differential of 1.00

### Class Group 14

49910 Valid only for New York

49913 Valid only for New York

### Class Group 32

92447 Not valid for New York, territory 01

92453 Not valid for New York, territory 01

93166 Valid only for Louisiana, with a differential of 0.17

93167 Valid only for Louisiana, with a differential of 1.62

### Class Group 33

91130 For New York, class is mapped to Class Group 39 {(a)-rated}

91600 Valid only for New York, with a differential of 1.32

91636 For New York, class is mapped to Class Group 39 {(a)-rated}

98751 For New York, class is mapped to Class Group 39 {(a)-rated}

### Class Group 35

51029 Valid only for Hawaii, with a differential of 1.00

51098 Valid only for Hawaii, with a differential of 1.00

### Class Group 38

41620 Not valid for New York

### Class Group 39

93169 Valid only for Louisiana

EXPLANATORY NOTES TO CLASS GROUPS AND  
CALCULATION OF PROPOSED CLASS LOSS COSTS --  
PRODUCTS

The present class groups for Products classifications are presented in EXHIBIT C15 - Class Groups and Calculation of Proposed Class Loss Costs. Class group 21 is an A-rated class group and is not reviewed in this document.

Multistate proposed Products class loss costs are calculated as the product of the class index, the class group relative change, the multistate loss cost level change and a 'build back' factor to ensure that the selected multistate overall change is achieved. Capping is performed by comparing the proposed loss costs to the present multistate loss costs. The class index is determined using credibility weighted experience ratios, where a Bayesian credibility procedure is used. See EXHIBIT C15 and Pages C-18 to C-19 - Class Groups and Calculation of Proposed Class Loss Costs for details of the calculation of multistate class loss costs.

## CLASS GROUPS AND CALCULATION OF PROPOSED CLASS LOSS COSTS

### Explanatory Notes

The following are definitions of the columns for the Products calculation of proposed loss costs shown on EXHIBIT C15.

Column (1) is the latest year multistate Monoline/Multiline Aggregate Loss Costs at Current Level (ALCCL) for the respective class.

Column (2) is the five year multistate Monoline/Multiline Aggregate Loss Costs at Current Level.

Column (3) is the five year Monoline/Multiline Experience Ratio. Losses are developed and trended, and ALCCL has been exposure trended. IPMFs and Deductible Discounts have been applied to ALCCL.

Column (4) is the credibility ( $Z_i$ ) of the individual class with respect to the class group. This is calculated based on the equation:

$$Z_i = \frac{K-3}{K} \left( \frac{\bar{P}_i}{\bar{P}_i + \frac{\sum^2}{T^2}} \right) + \frac{3}{K}$$

$K$  = The number of classes within the class group.

$\bar{P}_i$  = The 5 year total Monoline/Multiline ALCCL for class  $i$ .

$\sum^2$  = The average within class variance for the class group. (Sigma Squared)

$T^2$  = The between class variance for the class group. (Tau Squared)

Column (5) is the Formula Experience Ratio. This is found by credibility weighting the class experience ratio with the class group experience ratio and is based on the equation:

$$FER_i = Z_i \bar{X}_i + (1 - Z_i) \bar{X} \text{ where:}$$

$\bar{X}_i$  = The 5 year average experience ratio for class  $i$  from column (3).

$$\bar{X} = \frac{\sum_{i=1}^k Z_i \bar{X}_i}{\sum_{i=1}^k Z_i}$$

Column (6) is the Index or the class relative change factor, which is the quotient of the Formula Experience Ratio ( $FER_i$ ) and  $\tilde{X}_{monoline}$  which is the column (5) total using column (1) as weights.

Note:  $\tilde{X}$  (X - tilde) is the 5 year Monoline/Multiline ALCCL weighted class group experience ratio, where  $\tilde{X}_{monoline}$  (X - tilde monoline) is weighted based on Monoline/Multiline ALCCL for the latest year only.

## CLASS GROUPS AND CALCULATION OF PROPOSED CLASS LOSS COSTS

### Explanatory Notes (Cont'd)

Column (7) is the change factor, which is to be applied to the present loss cost. The formula for this is given as:

Change Factor = (Index) (Class Group Relative Change) (SWRL) (Off balance factor)  
where "SWRL" is the selected multistate monoline loss cost level change.  
The off balance factor results from capping and is 0.998 for this review.

Note: For classes with no ALCCL in the latest five years of the experience period, the index in the formula above is set to 1.000

Column (8) is the current multistate occurrence loss cost for each class.

Column (9) is the proposed multistate occurrence loss cost based on the product of column (7) and column (8), with the effects of capping and CGL rounding.

Column (10) is the percent change of the proposed state occurrence loss cost (column (12)) for each class with respect to the current state occurrence loss cost (column (11)).

Column (11) is the current state occurrence loss cost for each class.

Column (12) is the proposed state occurrence loss cost for each class. These are equal to the multistate proposed loss costs.

EXPLANATORY NOTES TO CLASS GROUPS AND  
DIFFERENTIALS -- LOCAL PRODUCTS/COMPLETED OPERATIONS

The present class groups and multistate differentials for Local Products/Completed Operations classifications are presented in EXHIBIT C22 - Class Groups and Differentials. Class groups 21 and 22 are A-rated class groups and are not reviewed in this document.

Differentials are reviewed on a periodic basis. The most recent differential review was completed in 2022 and filed with the 2022 revisions.



PRODUCTS/COMPLETED OPERATIONS  
CLASS EXCEPTIONS

The following class exceptions for Products/Completed Operations apply by state:

Products Included

|       |                          |
|-------|--------------------------|
| 47469 | Not valid for New Jersey |
| 49910 | Valid only for New York  |
| 49920 | Valid only for New York  |
| 93169 | Valid only for Louisiana |

Class Group 21

|       |                         |
|-------|-------------------------|
| 49913 | Valid only for New York |
|-------|-------------------------|

Class Group 03

|       |                       |
|-------|-----------------------|
| 51029 | Valid only for Hawaii |
| 51098 | Valid only for Hawaii |

Class Group 22

|       |                         |
|-------|-------------------------|
| 93166 | Valid only in Louisiana |
| 93167 | Valid only in Louisiana |

## IMPACT OF COVID-19 ON GENERAL LIABILITY LOSS COSTS

### INTRODUCTION

The ongoing COVID-19 global pandemic is a truly unique event that has impacted almost every aspect of daily life. The COVID-19 pandemic has had a significant impact on the United States economy and the property-casualty insurance industry. For several months in 2020 much of the country was following social distancing guidelines. The economy slowed significantly in many segments, and some had ground nearly to a halt. Given the sudden major changes in social and economic activity, the potential impact on prospective loss costs has been analyzed.

ISO General Liability basic limit loss cost level changes are based on historical aggregate losses and loss adjustment expenses adjusted through development to their ultimate value and projected through trending to a future point in time.

In anticipation of long-term behavioral, social, and economic changes as a result of COVID-19, it is expected, based on the information currently available, that those changes will have a material impact on prospective loss costs for certain risks. To reflect these changes, judgmentally selected adjustment factors continue to be reflected in the loss costs for several classes.

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### LOSS COST ADJUSTMENTS GENERAL LIABILITY

In GL-2020-BGL1, loss costs for nine classifications were adjusted due to the anticipation of long-term behavioral, social, and economic changes as a result of COVID-19. The expectation, based on the information currently available, was that those changes would have a material impact on prospective loss costs for certain risks. To reflect these changes, judgmentally selected adjustment factors were applied to the loss costs for those nine classes.

The nine classifications that were adjusted are OL&T classifications within Premises/ Operations Class Group 12 – Building and Offices. These classes are for risks that are primarily in an office environment and are expected to be impacted by changes in the office work environment.

The varying adjustments applied, -5% or -10%, reflect the expected decrease in foot traffic for the individual classes listed.

In Section A, the present and proposed loss costs for these classes both reflect the COVID-19 adjustments listed. Additionally, as the adjustment is to reflect anticipated long-term changes as a result of COVID-19, the aggregated loss costs at current level utilized in the review excludes the COVID-19 adjustment from the current loss costs for any exposure earned prior to 3/1/2020 for the classes listed. The assumption is that the long-term behavioral, social, and economic changes as a result of COVID-19 began at this time. The specific impact during peak COVID-19 periods may have been greater than the selected adjustments but the purpose of these adjustments is to reflect the expected future impact as opposed to what happened in the past.

# IMPACT OF COVID-19 ON GENERAL LIABILITY LOSS COSTS

## LOSS COST ADJUSTMENTS GENERAL LIABILITY (Cont'd)

| Class Code | Class Description  | Adjustment |
|------------|--|------------|
| 61212      | Buildings or Premises - bank or office - mercantile or manufacturing (Lessor's risk only) (For-Profit)                                 | -5.0%      |
| 61216      | Buildings or Premises - bank or office - mercantile or manufacturing (Lessor's risk only) (Not-For-Profit)                             | -5.0%      |
| 61217      | Buildings or Premises - bank or office - mercantile or manufacturing - maintained by the insured (Lessor's risk only) (For-Profit)     | -5.0%      |
| 61218      | Buildings or Premises - bank or office - mercantile or manufacturing - maintained by the insured (Lessor's risk only) (Not-For-Profit) | -5.0%      |
| 61224      | Buildings or Premises - office premises primarily occupied by employees of the insured (For-Profit)                                    | -10.0%     |
| 61225      | Buildings or Premises - office premises primarily occupied by employees of the insured (Not-For-Profit)                                | -10.0%     |
| 61226      | Buildings or Premises - office - Not Otherwise Classified (For-Profit)   | -5.0%      |
| 61227      | Buildings or Premises - office - Not Otherwise Classified (Not-For-Profit)   | -5.0%      |
| 62000      | Condominiums - commercial - bank or mercantile, manufacturing or office (association risk only)  | -5.0%      |

## MINNESOTA

GENERAL LIABILITY OTHER THAN PROFESSIONAL  
 PREMISES/OPERATIONS AND PRODUCTS/COMPLETED OPERATIONS  
 SUBLINE CODES 334 AND 336  
 STATEWIDE LOSS COST LEVEL CHANGES

The attached exhibits present a revision of the monoline \$100,000 basic combined single limit loss costs for Commercial General Liability, Premises/Operations and Products/Completed Operations (Subline Codes 334 and 336). This revision has been prepared by the Insurance Services Office, Inc. (ISO) and is based on the latest available experience of companies that filed data under the applicable reporting requirements.

Separate loss cost revisions have been prepared for Owners, Landlords and Tenants, for Manufacturers and Contractors, for Products and for Local Products/Completed Operations. The revisions are then combined to produce an overall loss cost revision for General Liability Other Than Professional.

| Summary of Indications and<br>Selected Loss Cost Level Changes                   | Manufacturers<br>And<br>Contractors | Owners,<br>Landlords<br>and<br>Tenants | Overall<br>Premises/<br>Operations | Products | Local<br>Products/<br>Completed<br>Operations | Products/<br>Completed<br>Operations | Overall<br>General<br>Liability<br>Other Than<br>Professional |
|--|-------------------------------------|--|------------------------------------|----------|---|--------------------------------------|---|
| Statewide Indicated Monoline-Multiline<br>Loss Cost Level Change (See Section B) | - 5.1%                              | + 20.4%                                | + 7.5%                             |          |   |                                      |   |
| Statewide Indicated Monoline Loss Cost<br>Level Change (See Section B)           | - 9.3%                              | + 17.4%                                | + 3.8%                             | - 14.2%* | - 9.6%**                                      | - 10.9%                              | - 0.4%  |
| Statewide Selected Monoline Loss Cost<br>Level Change                            | - 9.3%                              | + 12.5%                                | + 1.4%                             | - 14.2%* | - 9.6%  | - 10.9%                              | - 2.1%  |

\* The statewide Products change is calculated by determining the effect, on statewide loss cost levels, of implementing the indicated multistate loss costs.

\*\* The indicated statewide monoline change is calculated based on the indicated multistate monoline change.

## MINNESOTA

OWNERS, LANDLORDS AND TENANTS LIABILITY INSURANCE  
TERRITORY LOSS COST LEVEL CHANGES

| <u>CODE</u> | <u>TERRITORY</u><br><u>DESCRIPTION</u>   | LATEST YEAR<br>MONO/MULTI<br>AGGREGATE<br>LOSS COSTS<br>AT CURRENT<br><u>LEVEL (ALCCL)</u> | INDICATED<br>LOSS COST<br>LEVEL CHANGE<br><u>BEFORE CAPPING</u> | SELECTED<br>LOSS COST<br>LEVEL CHANGE<br><u>BEFORE CAPPING</u> | LOSS COST<br>LEVEL CHANGE<br><u>AFTER CAPPING</u> |
|-------------|--|--|---|--|---|
| 501         | Minneapolis and St. Paul and<br>Vicinity | \$4,435,736  | + 14.9%   | + 10.1%  | + 10.1%   |
| 502         | Remainder of State                       | \$7,304,993  | + 18.9%   | + 13.9%  | + 13.8%   |
| 503         | Duluth                                   | \$419,412  | + 19.5%   | + 14.4%  | + 14.4%   |
|             | STATEWIDE TOTAL                          | \$12,160,141   | + 17.4%   | + 12.5%  | + 12.5%   |

MINNESOTA  
PREMISES/OPERATIONS  
CLASS GROUP LOSS COST LEVEL CHANGES

MANUFACTURERS AND CONTRACTORS LIABILITY INSURANCE

| CLASS<br>GROUP | DESCRIPTION              | LATEST YEAR<br>MONO/MULTI<br>ALCCL | INDICATED LOSS<br>COST LEVEL CHANGE<br>BEFORE CAPPING | SELECTED LOSS<br>COST LEVEL CHANGE<br>BEFORE CAPPING | LOSS COST<br>LEVEL CHANGE<br>AFTER CAPPING |
|----------------|--------------------------|------------------------------------|---|--|--|
| 30             | SERVICE                  | \$ 591,848                         | - 7.0%  | - 7.0%   | - 7.9%                                     |
| 31             | LIGHT CONTRACTING        | \$ 1,028,034                       | - 7.5%  | - 7.5%   | - 8.3%                                     |
| 32             | MEDIUM CONTRACTING       | \$ 4,542,911                       | - 7.1%  | - 7.1%   | - 7.9%                                     |
| 33             | HEAVY CONTRACTING        | \$ 1,433,928                       | - 11.1%   | - 11.1%  | - 11.9%                                    |
| 34             | DEALERS OR DISTRIBUTORS  | \$ 1,137,352                       | - 10.9%   | - 10.9%  | - 9.6%                                     |
| 35             | LIGHT MANUFACTURERS      | \$ 226,762                         | - 7.7%  | - 7.7%   | - 6.4%                                     |
| 36             | MEDIUM MANUFACTURERS     | \$ 1,519,240                       | - 14.0%   | - 14.0%  | - 12.8%                                    |
| 37             | HEAVY MANUFACTURERS      | \$ 1,146,195                       | - 10.7%   | - 10.7%  | - 9.1%                                     |
| 38             | MISCELLANEOUS OPERATIONS | \$ 917,029                         | - 9.9%  | - 9.9%   | - 8.6%                                     |
|                | TOTAL                    | \$ 12,543,299                      | - 9.3%  | - 9.3%   | - 9.3%                                     |

OWNERS, LANDLORDS AND TENANTS LIABILITY INSURANCE

| CLASS<br>GROUP | DESCRIPTION                      | LATEST YEAR<br>MONO/MULTI<br>ALCCL | INDICATED LOSS<br>COST LEVEL CHANGE<br>BEFORE CAPPING | SELECTED LOSS<br>COST LEVEL CHANGE<br>BEFORE CAPPING | LOSS COST<br>LEVEL CHANGE<br>AFTER CAPPING |
|----------------|----------------------------------|------------------------------------|---|--|--|
| 01             | FOOD AND BEVERAGE (RETAIL)       | \$ 600,435                         | + 10.4%   | + 5.8%   | + 6.5%                                     |
| 02             | RESTAURANTS                      | \$ 1,201,718                       | + 14.8%   | + 10.0%  | + 9.2%                                     |
| 03             | STORES                           | \$ 823,189                         | + 15.7%   | + 10.8%  | + 11.6%                                    |
| 04             | VENDING AND RENTAL               | \$ 79,189                          | + 14.3%   | + 9.5%   | + 9.8%                                     |
| 05             | FOOD AND BEVERAGE DISTRIBUTORS   | \$ 154,401                         | + 15.9%   | + 11.0%  | + 10.8%                                    |
| 06             | NON-(FOOD AND BEVERAGE) DISTRIB. | \$ 435,430                         | + 10.3%   | + 5.7%   | + 7.2%                                     |
| 07             | CLUBS, AMUSEMENTS AND SPORTS     | \$ 577,289                         | + 12.3%   | + 7.6%   | + 8.1%                                     |
| 08             | HEALTH CARE FACILITIES           | \$ 162,128                         | + 20.0%   | + 14.9%  | + 15.5%                                    |
| 09             | HOTELS AND MOTELS                | \$ 675,786                         | + 19.0%   | + 14.0%  | + 13.6%                                    |
| 10             | SCHOOLS AND CHURCHES             | \$ 2,509,075                       | + 20.3%   | + 15.2%  | + 15.6%                                    |
| 11             | APARTMENTS                       | \$ 1,524,515                       | + 23.0%   | + 17.8%  | + 16.9%                                    |
| 12             | BUILDINGS AND OFFICES            | \$ 3,300,661                       | + 16.8%   | + 11.9%  | + 11.7%                                    |
| 13             | MISCELLANEOUS PREMISES           | \$ 115,742                         | + 20.9%   | + 15.8%  | + 15.3%                                    |
| 16             | GOVERNMENTAL SUBDIVISIONS        | \$ 583                             | + 19.1%   | + 14.1%  | + 16.0%                                    |
|                | TOTAL                            | \$ 12,160,141                      | + 17.4%   | + 12.5%  | + 12.5%                                    |

## MINNESOTA

PRODUCTS/COMPLETED OPERATIONS LIABILITY INSURANCE  
CLASS GROUP LOSS COST LEVEL CHANGES

| CLASS<br>GROUP | DESCRIPTION   | LATEST YEAR<br>MULTISTATE<br>MONO/MULTI<br>ALCCL AT<br>MULTISTATE<br>LEVEL | INDICATED<br>MULTISTATE<br>LOSS COST<br>LEVEL<br>CHANGE | LATEST YEAR<br>STATEWIDE<br>MONO/MULTI<br>ALCCL AT<br>CURRENT<br>LEVEL | INDICATED<br>STATEWIDE<br>LOSS COST<br>LEVEL<br>CHANGE | SELECTED<br>STATEWIDE<br>LOSS COST<br>LEVEL<br>CHANGE |
|----------------|---|--|---|--|--|---|
|                |   |  |   |  |  |   |
| 03             | MANUFACTURERS, DEALERS OR DISTRIBUTORS-<br>FOOD OR DRUG | \$ 28,571,513  | - 16.9%   | \$ 999,758   | - 16.3%  | - 16.3%   |
| 04             | DEALERS OR DISTRIBUTORS-NOT FOOD OR DRUG                | \$ 38,212,336  | - 12.1%   | \$ 876,147   | - 12.9%  | - 12.9%   |
| 05             | MANUFACTURERS-NOT FOOD OR DRUG-LOW                      | \$ 4,439,588   | - 13.4%   | \$ 134,362   | - 9.4%   | - 9.4%  |
| 06             | MANUFACTURERS-NOT FOOD OR DRUG-MEDIUM                   | \$ 34,541,014  | - 14.6%   | \$ 682,159   | - 14.5%  | - 14.5%   |
| 07             | MANUFACTURERS-NOT FOOD OR DRUG-HIGH                     | \$ 8,255,091   | - 15.8%   | \$ 129,411   | - 9.9%   | - 9.9%  |
|                | PRODUCTS SUBTOTAL                                       | \$ 114,019,542   | - 14.4%   | \$ 2,821,836   | - 14.2%  | - 14.2%   |
| 01             | RETAIL STORES-FOOD OR DRUG                              |  |   | \$ 135,503   | + 6.2%   | + 6.1%  |
| 02             | RETAIL STORES-NOT FOOD OR DRUG                          |  |   | \$ 367,806   | - 8.5%   | - 8.5%  |
| 11             | COMPLETED OPERATIONS-LOW                                |  |   | \$ 588,497   | - 5.7%   | - 5.7%  |
| 12             | COMPLETED OPERATIONS-MEDIUM                             |  |   | \$ 5,567,405   | - 10.4%  | - 10.4%   |
| 13             | COMPLETED OPERATIONS-HIGH                               |  |   | \$ 510,048   | - 10.0%  | - 10.0%   |
|                | LOCAL PRODUCTS/COMPLETED OPERATIONS<br>SUBTOTAL         |  |   | \$ 7,169,258   | - 9.6%   | - 9.6%  |
|                | TOTAL   |  |   | \$ 9,991,094   | - 10.9%  | - 10.9%   |

The indicated statewide Products change is calculated by determining the effect, on statewide loss cost levels, of implementing the indicated multistate loss costs.

For Products, the difference between the indicated multistate change and the indicated statewide change is a result of a difference in the distribution of risks by class in this jurisdiction versus the multistate.

For Local Products/Completed Operations, the indicated statewide monoline change is calculated based on the indicated multistate monoline change.

EXPLANATION OF LOSS COST CHANGES BY CLASS  
GENERAL LIABILITY OTHER THAN PROFESSIONAL  
SUBLINE CODES 334 AND 336

The proposed Commercial General Liability loss costs have been limited where necessary as follows:

- M&C classes reflect an upper cap of +25% and a lower cap of -29% relative to current loss costs;
- OL&T classes reflect an upper cap of +38% and a lower cap of -20% relative to current loss costs;
- Products classes reflect an upper cap of +25% and a lower cap of -34% relative to current multistate loss costs;
- Local Products/Completed Operations classes reflect an upper cap of +25% and a lower cap of -30% relative to current loss costs.

The statewide loss cost level change has been multiplied by a 'build back' factor to ensure that the selected overall change by subline is achieved. This is required to offset the effect of capped loss costs as well as the effect of revised classification differentials (if any) on the overall change. These factors are:

M&C: 0.991                      OL&T: 1.000                      LP/CO: 1.000

The Commercial General Liability loss costs are rounded as follows:

| <u>Loss Costs</u> |   |       | <u>To the Nearest</u> |
|-------------------|---|-------|-----------------------|
| 0                 | - | 0.249 | \$ 0.001              |
| .25               | - | 9.99  | 0.01                  |
| 10.00             | - | 99.99 | 0.10                  |
| 100.00            | - | Over  | 1.00                  |

for example:

|          |           |          |
|----------|-----------|----------|
| 0.1111   | rounds to | \$ 0.111 |
| 0.6777   | rounds to | 0.68     |
| 12.3436  | rounds to | 12.30    |
| 867.5432 | rounds to | 868.00   |



LOSS COST PERCENT CHANGE BY CLASS

| Class | Terr | Proposed |      | Present |      | Percent Change | Capping Flag | Class | Terr | Proposed |      | Present |      | Percent Change | Capping Flag | Class | Terr | Proposed |      | Present |      | Percent Change | Capping Flag |
|-------|------|----------|------|---------|------|----------------|--------------|-------|------|----------|------|---------|------|----------------|--------------|-------|------|----------|------|---------|------|----------------|--------------|
|       |      | Loss     | Cost | Loss    | Cost |                |              |       |      | Loss     | Cost | Loss    | Cost |                |              |       |      | Loss     | Cost | Loss    | Cost |                |              |
| 10010 | 501  | 0.044    |      | 0.042   |      | +4.8           |              | 10054 | 503  | 3.300    |      | 3.040   |      | +8.6           |              | 10107 | 502  | 1.450    |      | 1.600   |      | -9.4           |              |
| 10010 | 502  | 0.104    |      | 0.097   |      | +7.2           |              | 10060 | 501  | 0.071    |      | 0.066   |      | +7.6           |              | 10107 | 503  | 1.660    |      | 1.850   |      | -10.3          |              |
| 10010 | 503  | 0.068    |      | 0.064   |      | +6.3           |              | 10060 | 502  | 0.146    |      | 0.130   |      | +12.3          |              | 10110 | 501  | 13.200   |      | 12.600  |      | +4.8           |              |
| 10011 | 501  | 0.010    |      | 0.010   |      | 0.0            |              | 10060 | 503  | 0.094    |      | 0.084   |      | +11.9          |              | 10110 | 502  | 14.600   |      | 13.400  |      | +9.0           |              |
| 10011 | 502  | 0.025    |      | 0.023   |      | +8.7           |              | 10065 | 501  | 0.106    |      | 0.098   |      | +8.2           |              | 10110 | 503  | 18.300   |      | 16.900  |      | +8.3           |              |
| 10011 | 503  | 0.016    |      | 0.015   |      | +6.7           |              | 10065 | 502  | 0.219    |      | 0.195   |      | +12.3          |              | 10111 | 501  | 0.055    |      | 0.053   |      | +3.8           |              |
| 10012 | 501  | 0.012    |      | 0.012   |      | 0.0            |              | 10065 | 503  | 0.141    |      | 0.126   |      | +11.9          |              | 10111 | 502  | 0.131    |      | 0.122   |      | +7.4           |              |
| 10012 | 502  | 0.029    |      | 0.027   |      | +7.4           |              | 10066 | 501  | 0.108    |      | 0.100   |      | +8.0           |              | 10111 | 503  | 0.085    |      | 0.080   |      | +6.3           |              |
| 10012 | 503  | 0.019    |      | 0.018   |      | +5.6           |              | 10066 | 502  | 0.223    |      | 0.199   |      | +12.1          |              | 10113 | 501  | 0.144    |      | 0.133   |      | +8.3           |              |
| 10015 | 501  | 3.880    |      | 3.710   |      | +4.6           |              | 10066 | 503  | 0.143    |      | 0.128   |      | +11.7          |              | 10113 | 502  | 0.300    |      | 0.260   |      | +15.4          |              |
| 10015 | 502  | 4.290    |      | 3.930   |      | +9.2           |              | 10070 | 501  | 0.025    |      | 0.024   |      | +4.2           |              | 10113 | 503  | 0.190    |      | 0.170   |      | +11.8          |              |
| 10015 | 503  | 5.370    |      | 4.950   |      | +8.5           |              | 10070 | 502  | 0.060    |      | 0.056   |      | +7.1           |              | 10115 | 501  | 0.290    |      | 0.260   |      | +11.5          |              |
| 10025 | 501  | 0.010    |      | 0.010   |      | 0.0            |              | 10070 | 503  | 0.039    |      | 0.036   |      | +8.3           |              | 10115 | 502  | 0.590    |      | 0.520   |      | +13.5          |              |
| 10025 | 502  | 0.025    |      | 0.023   |      | +8.7           |              | 10071 | 501  | 0.127    |      | 0.118   |      | +7.6           |              | 10115 | 503  | 0.380    |      | 0.340   |      | +11.8          |              |
| 10025 | 503  | 0.016    |      | 0.015   |      | +6.7           |              | 10071 | 502  | 0.260    |      | 0.233   |      | +11.6          |              | 10117 | 501  | 3.850    |      | 3.680   |      | +4.6           |              |
| 10026 | 501  | 0.260    |      | 0.239   |      | +8.8           |              | 10071 | 503  | 0.168    |      | 0.150   |      | +12.0          |              | 10117 | 502  | 4.260    |      | 3.900   |      | +9.2           |              |
| 10026 | 502  | 0.530    |      | 0.470   |      | +12.8          |              | 10072 | 501  | 3.390    |      | 3.710   |      | -8.6           |              | 10117 | 503  | 5.340    |      | 4.920   |      | +8.5           |              |
| 10026 | 503  | 0.340    |      | 0.310   |      | +9.7           |              | 10072 | 502  | 2.340    |      | 2.560   |      | -8.6           |              | 10120 | 501  | 8.640    |      | 8.260   |      | +4.6           |              |
| 10027 | 501  | 0.010    |      | 0.010   |      | 0.0            |              | 10072 | 503  | 2.010    |      | 2.210   |      | -9.0           |              | 10120 | 502  | 9.560    |      | 8.750   |      | +9.3           |              |
| 10027 | 502  | 0.025    |      | 0.023   |      | +8.7           |              | 10073 | 501  | 0.500    |      | 0.550   |      | -9.1           |              | 10120 | 503  | 12.000   |      | 11.000  |      | +9.1           |              |
| 10027 | 503  | 0.016    |      | 0.015   |      | +6.7           |              | 10073 | 502  | 0.470    |      | 0.520   |      | -9.6           |              | 10130 | 501  | 1.410    |      | 1.310   |      | +7.6           |              |
| 10036 | 501  | 0.320    |      | 0.360   |      | -11.1          |              | 10073 | 503  | 0.540    |      | 0.600   |      | -10.0          |              | 10130 | 502  | 2.910    |      | 2.590   |      | +12.4          |              |
| 10036 | 502  | 0.300    |      | 0.340   |      | -11.8          |              | 10075 | 501  | 3.710    |      | 4.110   |      | -9.7           |              | 10130 | 503  | 1.870    |      | 1.670   |      | +12.0          |              |
| 10036 | 503  | 0.350    |      | 0.390   |      | -10.3          |              | 10075 | 502  | 3.510    |      | 3.880   |      | -9.5           |              | 10132 | 501  | 1.220    |      | 1.130   |      | +8.0           |              |
| 10040 | 501  | 0.033    |      | 0.032   |      | +3.1           |              | 10075 | 503  | 4.030    |      | 4.490   |      | -10.2          |              | 10132 | 502  | 2.510    |      | 2.230   |      | +12.6          |              |
| 10040 | 502  | 0.079    |      | 0.074   |      | +6.8           |              | 10100 | 501  | 0.270    |      | 0.260   |      | +3.8           |              | 10132 | 503  | 1.610    |      | 1.440   |      | +11.8          |              |
| 10040 | 503  | 0.052    |      | 0.048   |      | +8.3           |              | 10100 | 502  | 0.490    |      | 0.460   |      | +6.5           |              | 10133 | 501  | 1.530    |      | 1.440   |      | +6.3           |              |
| 10042 | 501  | 0.148    |      | 0.137   |      | +8.0           |              | 10100 | 503  | 0.440    |      | 0.410   |      | +7.3           |              | 10133 | 502  | 2.630    |      | 2.360   |      | +11.4          |              |
| 10042 | 502  | 0.300    |      | 0.270   |      | +11.1          |              | 10101 | 501  | 0.096    |      | 0.089   |      | +7.9           |              | 10133 | 503  | 2.560    |      | 2.310   |      | +10.8          |              |
| 10042 | 503  | 0.196    |      | 0.175   |      | +12.0          |              | 10101 | 502  | 0.197    |      | 0.176   |      | +11.9          |              | 10140 | 501  | 0.016    |      | 0.015   |      | +6.7           |              |
| 10052 | 501  | 2.680    |      | 2.560   |      | +4.7           |              | 10101 | 503  | 0.127    |      | 0.113   |      | +12.4          |              | 10140 | 502  | 0.018    |      | 0.016   |      | +12.5          |              |
| 10052 | 502  | 2.970    |      | 2.720   |      | +9.2           |              | 10105 | 501  | 1.040    |      | 0.960   |      | +8.3           |              | 10140 | 503  | 0.022    |      | 0.020   |      | +10.0          |              |
| 10052 | 503  | 3.710    |      | 3.420   |      | +8.5           |              | 10105 | 502  | 2.130    |      | 1.900   |      | +12.1          |              | 10141 | 501  | 0.033    |      | 0.030   |      | +10.0          |              |
| 10054 | 501  | 2.380    |      | 2.280   |      | +4.4           |              | 10105 | 503  | 1.370    |      | 1.230   |      | +11.4          |              | 10141 | 502  | 0.036    |      | 0.032   |      | +12.5          |              |
| 10054 | 502  | 2.630    |      | 2.410   |      | +9.1           |              | 10107 | 501  | 1.530    |      | 1.690   |      | -9.5           |              | 10141 | 503  | 0.044    |      | 0.039   |      | +12.8          |              |

L - Lower Cap Applied  
 U - Upper Cap Applied  
 N - Not Subject to Capping  
 E - Subject to Capping Exception

LOSS COST PERCENT CHANGE BY CLASS

| Class | Terr | Proposed  | Present   | Percent | Capping | Class | Terr | Proposed  | Present   | Percent | Capping | Class | Terr | Proposed  | Present   | Percent | Capping |
|-------|------|-----------|-----------|---------|---------|-------|------|-----------|-----------|---------|---------|-------|------|-----------|-----------|---------|---------|
|       |      | Loss Cost | Loss Cost | Change  | Flag    |       |      | Loss Cost | Loss Cost | Change  | Flag    |       |      | Loss Cost | Loss Cost | Change  | Flag    |
| 10145 | 501  | 0.158     | 0.146     | +8.2    |         | 10256 | 503  | 0.470     | 0.530     | -11.3   |         | 10381 | 502  | 4.040     | 3.700     | +9.2    |         |
| 10145 | 502  | 0.175     | 0.156     | +12.2   |         | 10257 | 501  | 0.082     | 0.091     | -9.9    |         | 10381 | 503  | 5.060     | 4.670     | +8.4    |         |
| 10145 | 503  | 0.211     | 0.189     | +11.6   |         | 10257 | 502  | 0.078     | 0.086     | -9.3    |         | 11007 | 501  | 1.270     | 1.390     | -8.6    |         |
| 10146 | 501  | 0.119     | 0.117     | +1.7    |         | 10257 | 503  | 0.089     | 0.099     | -10.1   |         | 11007 | 502  | 0.880     | 0.960     | -8.3    |         |
| 10146 | 502  | 0.218     | 0.204     | +6.9    |         | 10309 | 501  | 0.065     | 0.060     | +8.3    |         | 11007 | 503  | 0.750     | 0.830     | -9.6    |         |
| 10146 | 503  | 0.198     | 0.184     | +7.6    |         | 10309 | 502  | 0.133     | 0.118     | +12.7   |         | 11020 | 501  | 0.121     | 0.112     | +8.0    |         |
| 10150 | 501  | 0.198     | 0.183     | +8.2    |         | 10309 | 503  | 0.086     | 0.076     | +13.2   |         | 11020 | 502  | 0.249     | 0.221     | +12.7   |         |
| 10150 | 502  | 0.410     | 0.360     | +13.9   |         | 10315 | 501  | 0.152     | 0.141     | +7.8    |         | 11020 | 503  | 0.160     | 0.143     | +11.9   |         |
| 10150 | 503  | 0.260     | 0.234     | +11.1   |         | 10315 | 502  | 0.310     | 0.280     | +10.7   |         | 11039 | 501  | 0.430     | 0.480     | -10.4   |         |
| 10151 | 501  | 4.980     | 4.620     | +7.8    |         | 10315 | 503  | 0.201     | 0.180     | +11.7   |         | 11039 | 502  | 0.410     | 0.450     | -8.9    |         |
| 10151 | 502  | 10.300    | 9.130     | +12.8   |         | 10331 | 501  | 5.260     | 5.030     | +4.6    |         | 11039 | 503  | 0.470     | 0.530     | -11.3   |         |
| 10151 | 503  | 6.600     | 5.900     | +11.9   |         | 10331 | 502  | 5.820     | 5.330     | +9.2    |         | 11052 | 501  | 1.590     | 1.490     | +6.7    |         |
| 10160 | 501  | 0.890     | 0.820     | +8.5    |         | 10331 | 503  | 7.280     | 6.710     | +8.5    |         | 11052 | 502  | 2.740     | 2.450     | +11.8   |         |
| 10160 | 502  | 1.830     | 1.630     | +12.3   |         | 10332 | 501  | 9.070     | 8.670     | +4.6    |         | 11052 | 503  | 2.660     | 2.410     | +10.4   |         |
| 10160 | 503  | 1.180     | 1.050     | +12.4   |         | 10332 | 502  | 10.000    | 9.190     | +8.8    |         | 11126 | 501  | 0.025     | 0.023     | +8.7    |         |
| 10204 | 501  | 0.090     | 0.083     | +8.4    |         | 10332 | 503  | 12.600    | 11.600    | +8.6    |         | 11126 | 502  | 0.051     | 0.046     | +10.9   |         |
| 10204 | 502  | 0.184     | 0.164     | +12.2   |         | 10352 | 501  | 0.155     | 0.152     | +2.0    |         | 11126 | 503  | 0.033     | 0.030     | +10.0   |         |
| 10204 | 503  | 0.119     | 0.106     | +12.3   |         | 10352 | 502  | 0.280     | 0.270     | +3.7    |         | 11127 | 501  | 0.140     | 0.135     | +3.7    |         |
| 10205 | 501  | 0.100     | 0.093     | +7.5    |         | 10352 | 503  | 0.260     | 0.241     | +7.9    |         | 11127 | 502  | 0.330     | 0.310     | +6.5    |         |
| 10205 | 502  | 0.206     | 0.183     | +12.6   |         | 10367 | 501  | 2.990     | 3.280     | -8.8    |         | 11127 | 503  | 0.216     | 0.203     | +6.4    |         |
| 10205 | 503  | 0.132     | 0.118     | +11.9   |         | 10367 | 502  | 2.070     | 2.270     | -8.8    |         | 11128 | 501  | 0.189     | 0.183     | +3.3    |         |
| 10210 | 501  | 0.160     | 0.149     | +7.4    |         | 10367 | 503  | 1.770     | 1.960     | -9.7    |         | 11128 | 502  | 0.450     | 0.420     | +7.1    |         |
| 10210 | 502  | 0.330     | 0.290     | +13.8   |         | 10368 | 501  | 4.380     | 4.790     | -8.6    |         | 11128 | 503  | 0.290     | 0.270     | +7.4    |         |
| 10210 | 503  | 0.212     | 0.190     | +11.6   |         | 10368 | 502  | 3.030     | 3.310     | -8.5    |         | 11138 | 501  | 1.320     | 1.260     | +4.8    |         |
| 10211 | 501  | 0.160     | 0.149     | +7.4    |         | 10368 | 503  | 2.590     | 2.860     | -9.4    |         | 11138 | 502  | 1.450     | 1.330     | +9.0    |         |
| 10211 | 502  | 0.330     | 0.290     | +13.8   |         | 10378 | 501  | 5.330     | 5.090     | +4.7    |         | 11138 | 503  | 1.820     | 1.680     | +8.3    |         |
| 10211 | 503  | 0.212     | 0.190     | +11.6   |         | 10378 | 502  | 5.890     | 5.390     | +9.3    |         | 11155 | 501  | 0.085     | 0.079     | +7.6    |         |
| 10220 | 501  | 1.880     | 1.750     | +7.4    |         | 10378 | 503  | 7.370     | 6.800     | +8.4    |         | 11155 | 502  | 0.176     | 0.157     | +12.1   |         |
| 10220 | 502  | 3.880     | 3.450     | +12.5   |         | 10379 | 501  | 2.470     | 2.360     | +4.7    |         | 11155 | 503  | 0.113     | 0.101     | +11.9   |         |
| 10220 | 503  | 2.490     | 2.230     | +11.7   |         | 10379 | 502  | 2.740     | 2.500     | +9.6    |         | 11167 | 501  | 0.370     | 0.340     | +8.8    |         |
| 10255 | 501  | 0.119     | 0.132     | -9.8    |         | 10379 | 503  | 3.420     | 3.160     | +8.2    |         | 11167 | 502  | 0.630     | 0.560     | +12.5   |         |
| 10255 | 502  | 0.113     | 0.124     | -8.9    |         | 10380 | 501  | 4.220     | 4.040     | +4.5    |         | 11167 | 503  | 0.610     | 0.550     | +10.9   |         |
| 10255 | 503  | 0.129     | 0.144     | -10.4   |         | 10380 | 502  | 4.670     | 4.280     | +9.1    |         | 11168 | 501  | 1.900     | 1.790     | +6.1    |         |
| 10256 | 501  | 0.440     | 0.480     | -8.3    |         | 10380 | 503  | 5.850     | 5.390     | +8.5    |         | 11168 | 502  | 3.270     | 2.930     | +11.6   |         |
| 10256 | 502  | 0.410     | 0.460     | -10.9   |         | 10381 | 501  | 3.660     | 3.500     | +4.6    |         | 11168 | 503  | 3.180     | 2.880     | +10.4   |         |

L - Lower Cap Applied  
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LOSS COST PERCENT CHANGE BY CLASS

| Class | Terr | Proposed  | Present   | Percent | Capping | Class | Terr | Proposed  | Present   | Percent | Capping | Class | Terr | Proposed  | Present   | Percent | Capping |
|-------|------|-----------|-----------|---------|---------|-------|------|-----------|-----------|---------|---------|-------|------|-----------|-----------|---------|---------|
|       |      | Loss Cost | Loss Cost | Change  | Flag    |       |      | Loss Cost | Loss Cost | Change  | Flag    |       |      | Loss Cost | Loss Cost | Change  | Flag    |
| 11201 | 501  | 11.100    | 12.200    | -9.0    |         | 11213 | 503  | 0.850     | 0.940     | -9.6    |         | 12361 | 502  | 0.039     | 0.035     | +11.4   |         |
| 11201 | 502  | 7.710     | 8.430     | -8.5    |         | 11214 | 501  | 3.530     | 3.870     | -8.8    |         | 12361 | 503  | 0.048     | 0.043     | +11.6   |         |
| 11201 | 503  | 6.610     | 7.280     | -9.2    |         | 11214 | 502  | 2.450     | 2.670     | -8.2    |         | 12362 | 501  | 0.028     | 0.027     | +3.7    |         |
| 11202 | 501  | 3.290     | 3.610     | -8.9    |         | 11214 | 503  | 2.090     | 2.310     | -9.5    |         | 12362 | 502  | 0.066     | 0.061     | +8.2    |         |
| 11202 | 502  | 2.280     | 2.490     | -8.4    |         | 11222 | 501  | 0.059     | 0.065     | -9.2    |         | 12362 | 503  | 0.043     | 0.040     | +7.5    |         |
| 11202 | 503  | 1.950     | 2.150     | -9.3    |         | 11222 | 502  | 0.041     | 0.045     | -8.9    |         | 12373 | 501  | 0.010     | 0.010     | 0.0     |         |
| 11203 | 501  | 0.330     | 0.310     | +6.5    |         | 11222 | 503  | 0.035     | 0.039     | -10.3   |         | 12373 | 502  | 0.025     | 0.023     | +8.7    |         |
| 11203 | 502  | 0.770     | 0.720     | +6.9    |         | 11234 | 501  | 0.112     | 0.104     | +7.7    |         | 12373 | 503  | 0.016     | 0.015     | +6.7    |         |
| 11203 | 503  | 0.500     | 0.470     | +6.4    |         | 11234 | 502  | 0.231     | 0.206     | +12.1   |         | 12374 | 501  | 0.246     | 0.228     | +7.9    |         |
| 11204 | 501  | 0.125     | 0.116     | +7.8    |         | 11234 | 503  | 0.149     | 0.133     | +12.0   |         | 12374 | 502  | 0.510     | 0.450     | +13.3   |         |
| 11204 | 502  | 0.260     | 0.229     | +13.5   |         | 11248 | 501  | 0.023     | 0.025     | -8.0    |         | 12374 | 503  | 0.330     | 0.290     | +13.8   |         |
| 11204 | 503  | 0.166     | 0.148     | +12.2   |         | 11248 | 502  | 0.021     | 0.024     | -12.5   |         | 12375 | 501  | 0.121     | 0.112     | +8.0    |         |
| 11206 | 501  | 0.520     | 0.570     | -8.8    |         | 11248 | 503  | 0.025     | 0.027     | -7.4    |         | 12375 | 502  | 0.249     | 0.221     | +12.7   |         |
| 11206 | 502  | 0.360     | 0.390     | -7.7    |         | 11258 | 501  | 0.320     | 0.310     | +3.2    |         | 12375 | 503  | 0.160     | 0.143     | +11.9   |         |
| 11206 | 503  | 0.310     | 0.340     | -8.8    |         | 11258 | 502  | 0.590     | 0.550     | +7.3    |         | 12391 | 501  | 0.021     | 0.020     | +5.0    |         |
| 11207 | 501  | 6.530     | 7.150     | -8.7    |         | 11258 | 503  | 0.530     | 0.500     | +6.0    |         | 12391 | 502  | 0.049     | 0.046     | +6.5    |         |
| 11207 | 502  | 4.520     | 4.940     | -8.5    |         | 11259 | 501  | 0.340     | 0.340     | 0.0     |         | 12391 | 503  | 0.032     | 0.030     | +6.7    |         |
| 11207 | 503  | 3.870     | 4.270     | -9.4    |         | 11259 | 502  | 0.630     | 0.590     | +6.8    |         | 12393 | 501  | 0.160     | 0.149     | +7.4    |         |
| 11208 | 501  | 1.120     | 1.220     | -8.2    |         | 11259 | 503  | 0.570     | 0.530     | +7.5    |         | 12393 | 502  | 0.330     | 0.290     | +13.8   |         |
| 11208 | 502  | 0.770     | 0.850     | -9.4    |         | 11273 | 501  | 5.570     | 5.170     | +7.7    |         | 12393 | 503  | 0.212     | 0.190     | +11.6   |         |
| 11208 | 503  | 0.660     | 0.730     | -9.6    |         | 11273 | 502  | 11.500    | 10.200    | +12.7   |         | 12467 | 501  | 0.067     | 0.062     | +8.1    |         |
| 11209 | 501  | 5.250     | 5.750     | -8.7    |         | 11273 | 503  | 7.380     | 6.600     | +11.8   |         | 12467 | 502  | 0.137     | 0.122     | +12.3   |         |
| 11209 | 502  | 3.640     | 3.980     | -8.5    |         | 11274 | 501  | 5.350     | 4.960     | +7.9    |         | 12467 | 503  | 0.088     | 0.079     | +11.4   |         |
| 11209 | 503  | 3.110     | 3.430     | -9.3    |         | 11274 | 502  | 11.000    | 9.810     | +12.1   |         | 12509 | 501  | 0.030     | 0.033     | -9.1    |         |
| 11210 | 501  | 2.240     | 2.450     | -8.6    |         | 11274 | 503  | 7.090     | 6.330     | +12.0   |         | 12509 | 502  | 0.028     | 0.031     | -9.7    |         |
| 11210 | 502  | 1.550     | 1.690     | -8.3    |         | 11288 | 501  | 0.390     | 0.390     | 0.0     |         | 12509 | 503  | 0.032     | 0.036     | -11.1   |         |
| 11210 | 503  | 1.330     | 1.460     | -8.9    |         | 11288 | 502  | 0.720     | 0.670     | +7.5    |         | 12510 | 501  | 0.380     | 0.420     | -9.5    |         |
| 11211 | 501  | 11.600    | 12.700    | -8.7    |         | 11288 | 503  | 0.650     | 0.610     | +6.6    |         | 12510 | 502  | 0.360     | 0.390     | -7.7    |         |
| 11211 | 502  | 8.050     | 8.800     | -8.5    |         | 12014 | 501  | 0.049     | 0.054     | -9.3    |         | 12510 | 503  | 0.410     | 0.460     | -10.9   |         |
| 11211 | 503  | 6.890     | 7.600     | -9.3    |         | 12014 | 502  | 0.046     | 0.051     | -9.8    |         | 12583 | 501  | 0.168     | 0.186     | -9.7    |         |
| 11212 | 501  | 1.760     | 1.930     | -8.8    |         | 12014 | 503  | 0.053     | 0.059     | -10.2   |         | 12583 | 502  | 0.159     | 0.175     | -9.1    |         |
| 11212 | 502  | 1.220     | 1.330     | -8.3    |         | 12356 | 501  | 0.470     | 0.440     | +6.8    |         | 12583 | 503  | 0.182     | 0.203     | -10.3   |         |
| 11212 | 503  | 1.040     | 1.150     | -9.6    |         | 12356 | 502  | 0.970     | 0.870     | +11.5   |         | 12651 | 501  | 0.490     | 0.540     | -9.3    |         |
| 11213 | 501  | 1.440     | 1.570     | -8.3    |         | 12356 | 503  | 0.630     | 0.560     | +12.5   |         | 12651 | 502  | 0.460     | 0.510     | -9.8    |         |
| 11213 | 502  | 0.990     | 1.090     | -9.2    |         | 12361 | 501  | 0.036     | 0.033     | +9.1    |         | 12651 | 503  | 0.530     | 0.590     | -10.2   |         |

L - Lower Cap Applied  
 U - Upper Cap Applied  
 N - Not Subject to Capping  
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LOSS COST PERCENT CHANGE BY CLASS

| Class | Terr | Proposed |      | Present |      | Percent Change | Capping Flag | Class | Terr | Proposed |      | Present |      | Percent Change | Capping Flag | Class | Terr | Proposed |      | Present |      | Percent Change | Capping Flag |
|-------|------|----------|------|---------|------|----------------|--------------|-------|------|----------|------|---------|------|----------------|--------------|-------|------|----------|------|---------|------|----------------|--------------|
|       |      | Loss     | Cost | Loss    | Cost |                |              |       |      | Loss     | Cost | Loss    | Cost |                |              |       |      | Loss     | Cost | Loss    | Cost |                |              |
| 12683 | 501  | 0.224    |      | 0.248   |      | -9.7           |              | 13205 | 503  | 0.204    |      | 0.227   |      | -10.1          |              | 13621 | 502  | 0.056    |      | 0.062   |      | -9.7           |              |
| 12683 | 502  | 0.212    |      | 0.234   |      | -9.4           |              | 13314 | 501  | 0.048    |      | 0.044   |      | +9.1           |              | 13621 | 503  | 0.065    |      | 0.072   |      | -9.7           |              |
| 12683 | 503  | 0.243    |      | 0.270   |      | -10.0          |              | 13314 | 502  | 0.099    |      | 0.088   |      | +12.5          |              | 13670 | 501  | 0.020    |      | 0.018   |      | +11.1          |              |
| 12707 | 501  | 0.181    |      | 0.175   |      | +3.4           |              | 13314 | 503  | 0.063    |      | 0.057   |      | +10.5          |              | 13670 | 502  | 0.022    |      | 0.020   |      | +10.0          |              |
| 12707 | 502  | 0.430    |      | 0.400   |      | +7.5           |              | 13351 | 501  | 0.117    |      | 0.108   |      | +8.3           |              | 13670 | 503  | 0.027    |      | 0.024   |      | +12.5          |              |
| 12707 | 503  | 0.280    |      | 0.260   |      | +7.7           |              | 13351 | 502  | 0.240    |      | 0.214   |      | +12.1          |              | 13673 | 501  | 0.242    |      | 0.239   |      | +1.3           |              |
| 12797 | 501  | 0.038    |      | 0.037   |      | +2.7           |              | 13351 | 503  | 0.154    |      | 0.138   |      | +11.6          |              | 13673 | 502  | 0.450    |      | 0.420   |      | +7.1           |              |
| 12797 | 502  | 0.091    |      | 0.085   |      | +7.1           |              | 13352 | 501  | 0.119    |      | 0.110   |      | +8.2           |              | 13673 | 503  | 0.400    |      | 0.380   |      | +5.3           |              |
| 12797 | 503  | 0.059    |      | 0.055   |      | +7.3           |              | 13352 | 502  | 0.244    |      | 0.218   |      | +11.9          |              | 13715 | 501  | 0.028    |      | 0.027   |      | +3.7           |              |
| 12805 | 501  | 0.129    |      | 0.120   |      | +7.5           |              | 13352 | 503  | 0.157    |      | 0.141   |      | +11.3          |              | 13715 | 502  | 0.066    |      | 0.061   |      | +8.2           |              |
| 12805 | 502  | 0.270    |      | 0.237   |      | +13.9          |              | 13410 | 501  | 0.690    |      | 0.760   |      | -9.2           |              | 13715 | 503  | 0.043    |      | 0.040   |      | +7.5           |              |
| 12805 | 503  | 0.171    |      | 0.153   |      | +11.8          |              | 13410 | 502  | 0.650    |      | 0.720   |      | -9.7           |              | 13716 | 501  | 0.181    |      | 0.168   |      | +7.7           |              |
| 12841 | 501  | 0.214    |      | 0.199   |      | +7.5           |              | 13410 | 503  | 0.740    |      | 0.830   |      | -10.8          |              | 13716 | 502  | 0.370    |      | 0.330   |      | +12.1          |              |
| 12841 | 502  | 0.440    |      | 0.390   |      | +12.8          |              | 13412 | 501  | 0.231    |      | 0.260   |      | -11.2          |              | 13716 | 503  | 0.240    |      | 0.214   |      | +12.1          |              |
| 12841 | 503  | 0.280    |      | 0.250   |      | +12.0          |              | 13412 | 502  | 0.218    |      | 0.241   |      | -9.5           |              | 13720 | 501  | 0.137    |      | 0.135   |      | +1.5           |              |
| 12927 | 501  | 0.037    |      | 0.035   |      | +5.7           |              | 13412 | 503  | 0.250    |      | 0.280   |      | -10.7          |              | 13720 | 502  | 0.250    |      | 0.235   |      | +6.4           |              |
| 12927 | 502  | 0.077    |      | 0.069   |      | +11.6          |              | 13453 | 501  | 0.270    |      | 0.300   |      | -10.0          |              | 13720 | 503  | 0.228    |      | 0.212   |      | +7.5           |              |
| 12927 | 503  | 0.050    |      | 0.044   |      | +13.6          |              | 13453 | 502  | 0.250    |      | 0.280   |      | -10.7          |              | 13759 | 501  | 0.071    |      | 0.066   |      | +7.6           |              |
| 13049 | 501  | 0.019    |      | 0.017   |      | +11.8          |              | 13453 | 503  | 0.290    |      | 0.320   |      | -9.4           |              | 13759 | 502  | 0.146    |      | 0.130   |      | +12.3          |              |
| 13049 | 502  | 0.021    |      | 0.018   |      | +16.7          |              | 13454 | 501  | 0.310    |      | 0.350   |      | -11.4          |              | 13759 | 503  | 0.094    |      | 0.084   |      | +11.9          |              |
| 13049 | 503  | 0.025    |      | 0.022   |      | +13.6          |              | 13454 | 502  | 0.290    |      | 0.330   |      | -12.1          |              | 13930 | 501  | 0.059    |      | 0.057   |      | +3.5           |              |
| 13111 | 501  | 0.300    |      | 0.290   |      | +3.4           |              | 13454 | 503  | 0.340    |      | 0.380   |      | -10.5          |              | 13930 | 502  | 0.140    |      | 0.130   |      | +7.7           |              |
| 13111 | 502  | 0.540    |      | 0.510   |      | +5.9           |              | 13455 | 501  | 0.320    |      | 0.350   |      | -8.6           |              | 13930 | 503  | 0.091    |      | 0.085   |      | +7.1           |              |
| 13111 | 503  | 0.500    |      | 0.460   |      | +8.7           |              | 13455 | 502  | 0.300    |      | 0.330   |      | -9.1           |              | 14068 | 501  | 0.016    |      | 0.014   |      | +14.3          |              |
| 13112 | 501  | 0.030    |      | 0.028   |      | +7.1           |              | 13455 | 503  | 0.340    |      | 0.380   |      | -10.5          |              | 14068 | 502  | 0.032    |      | 0.029   |      | +10.3          |              |
| 13112 | 502  | 0.034    |      | 0.030   |      | +13.3          |              | 13506 | 501  | 0.370    |      | 0.340   |      | +8.8           |              | 14068 | 503  | 0.021    |      | 0.018   |      | +16.7          |              |
| 13112 | 503  | 0.040    |      | 0.036   |      | +11.1          |              | 13506 | 502  | 0.750    |      | 0.670   |      | +11.9          |              | 14101 | 501  | 0.183    |      | 0.170   |      | +7.6           |              |
| 13201 | 501  | 0.430    |      | 0.480   |      | -10.4          |              | 13506 | 503  | 0.490    |      | 0.430   |      | +14.0          |              | 14101 | 502  | 0.380    |      | 0.340   |      | +11.8          |              |
| 13201 | 502  | 0.410    |      | 0.450   |      | -8.9           |              | 13507 | 501  | 0.440    |      | 0.410   |      | +7.3           |              | 14101 | 503  | 0.243    |      | 0.217   |      | +12.0          |              |
| 13201 | 503  | 0.470    |      | 0.520   |      | -9.6           |              | 13507 | 502  | 0.910    |      | 0.810   |      | +12.3          |              | 14279 | 501  | 0.228    |      | 0.250   |      | -8.8           |              |
| 13204 | 501  | 0.490    |      | 0.540   |      | -9.3           |              | 13507 | 503  | 0.580    |      | 0.520   |      | +11.5          |              | 14279 | 502  | 0.215    |      | 0.238   |      | -9.7           |              |
| 13204 | 502  | 0.460    |      | 0.510   |      | -9.8           |              | 13590 | 501  | 0.236    |      | 0.260   |      | -9.2           |              | 14279 | 503  | 0.247    |      | 0.270   |      | -8.5           |              |
| 13204 | 503  | 0.530    |      | 0.590   |      | -10.2          |              | 13590 | 502  | 0.223    |      | 0.246   |      | -9.3           |              | 14401 | 501  | 0.320    |      | 0.320   |      | 0.0            |              |
| 13205 | 501  | 0.188    |      | 0.209   |      | -10.0          |              | 13590 | 503  | 0.260    |      | 0.280   |      | -7.1           |              | 14401 | 502  | 0.590    |      | 0.550   |      | +7.3           |              |
| 13205 | 502  | 0.178    |      | 0.197   |      | -9.6           |              | 13621 | 501  | 0.060    |      | 0.066   |      | -9.1           |              | 14401 | 503  | 0.540    |      | 0.500   |      | +8.0           |              |

L - Lower Cap Applied  
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 E - Subject to Capping Exception

LOSS COST PERCENT CHANGE BY CLASS

| Class | Terr | Proposed |      | Present |      | Percent Change | Capping Flag | Class | Terr | Proposed |      | Present |      | Percent Change | Capping Flag | Class | Terr | Proposed |      | Present |      | Percent Change | Capping Flag |
|-------|------|----------|------|---------|------|----------------|--------------|-------|------|----------|------|---------|------|----------------|--------------|-------|------|----------|------|---------|------|----------------|--------------|
|       |      | Loss     | Cost | Loss    | Cost |                |              |       |      | Loss     | Cost | Loss    | Cost |                |              |       |      | Loss     | Cost | Loss    | Cost |                |              |
| 14405 | 501  | 0.750    |      | 0.820   |      | -8.5           |              | 15070 | 503  | 0.059    |      | 0.066   |      | -10.6          |              | 15600 | 502  | 0.790    |      | 0.700   |      | +12.9          |              |
| 14405 | 502  | 0.520    |      | 0.570   |      | -8.8           |              | 15123 | 501  | 1.530    |      | 1.430   |      | +7.0           |              | 15600 | 503  | 0.510    |      | 0.450   |      | +13.3          |              |
| 14405 | 503  | 0.440    |      | 0.490   |      | -10.2          |              | 15123 | 502  | 2.630    |      | 2.350   |      | +11.9          |              | 15607 | 501  | 0.131    |      | 0.144   |      | -9.0           |              |
| 14527 | 501  | 0.112    |      | 0.109   |      | +2.8           |              | 15123 | 503  | 2.550    |      | 2.310   |      | +10.4          |              | 15607 | 502  | 0.091    |      | 0.099   |      | -8.1           |              |
| 14527 | 502  | 0.270    |      | 0.249   |      | +8.4           |              | 15124 | 501  | 0.530    |      | 0.500   |      | +6.0           |              | 15607 | 503  | 0.078    |      | 0.086   |      | -9.3           |              |
| 14527 | 503  | 0.173    |      | 0.163   |      | +6.1           |              | 15124 | 502  | 0.920    |      | 0.820   |      | +12.2          |              | 15608 | 501  | 0.085    |      | 0.079   |      | +7.6           |              |
| 14655 | 501  | 0.035    |      | 0.033   |      | +6.1           |              | 15124 | 503  | 0.890    |      | 0.810   |      | +9.9           |              | 15608 | 502  | 0.176    |      | 0.157   |      | +12.1          |              |
| 14655 | 502  | 0.073    |      | 0.065   |      | +12.3          |              | 15188 | 501  | 0.166    |      | 0.183   |      | -9.3           |              | 15608 | 503  | 0.113    |      | 0.101   |      | +11.9          |              |
| 14655 | 503  | 0.047    |      | 0.042   |      | +11.9          |              | 15188 | 502  | 0.156    |      | 0.173   |      | -9.8           |              | 15656 | 501  | 2.520    |      | 2.340   |      | +7.7           |              |
| 14731 | 501  | 1.580    |      | 1.480   |      | +6.8           |              | 15188 | 503  | 0.180    |      | 0.200   |      | -10.0          |              | 15656 | 502  | 5.190    |      | 4.620   |      | +12.3          |              |
| 14731 | 502  | 2.720    |      | 2.430   |      | +11.9          |              | 15223 | 501  | 0.024    |      | 0.022   |      | +9.1           |              | 15656 | 503  | 3.340    |      | 2.990   |      | +11.7          |              |
| 14731 | 503  | 2.640    |      | 2.390   |      | +10.5          |              | 15223 | 502  | 0.026    |      | 0.023   |      | +13.0          |              | 15699 | 501  | 0.320    |      | 0.350   |      | -8.6           |              |
| 14732 | 501  | 0.117    |      | 0.110   |      | +6.4           |              | 15223 | 503  | 0.031    |      | 0.028   |      | +10.7          |              | 15699 | 502  | 0.224    |      | 0.245   |      | -8.6           |              |
| 14732 | 502  | 0.201    |      | 0.180   |      | +11.7          |              | 15224 | 501  | 0.144    |      | 0.142   |      | +1.4           |              | 15699 | 503  | 0.192    |      | 0.212   |      | -9.4           |              |
| 14732 | 503  | 0.195    |      | 0.177   |      | +10.2          |              | 15224 | 502  | 0.270    |      | 0.248   |      | +8.9           |              | 15733 | 501  | 0.105    |      | 0.116   |      | -9.5           |              |
| 14733 | 501  | 0.248    |      | 0.230   |      | +7.8           |              | 15224 | 503  | 0.241    |      | 0.225   |      | +7.1           |              | 15733 | 502  | 0.099    |      | 0.109   |      | -9.2           |              |
| 14733 | 502  | 0.510    |      | 0.450   |      | +13.3          |              | 15314 | 501  | 0.085    |      | 0.079   |      | +7.6           |              | 15733 | 503  | 0.114    |      | 0.127   |      | -10.2          |              |
| 14733 | 503  | 0.330    |      | 0.290   |      | +13.8          |              | 15314 | 502  | 0.176    |      | 0.157   |      | +12.1          |              | 15839 | 501  | 0.114    |      | 0.106   |      | +7.5           |              |
| 14734 | 501  | 0.106    |      | 0.098   |      | +8.2           |              | 15314 | 503  | 0.113    |      | 0.101   |      | +11.9          |              | 15839 | 502  | 0.236    |      | 0.210   |      | +12.4          |              |
| 14734 | 502  | 0.219    |      | 0.195   |      | +12.3          |              | 15404 | 501  | 0.043    |      | 0.048   |      | -10.4          |              | 15839 | 503  | 0.152    |      | 0.136   |      | +11.8          |              |
| 14734 | 503  | 0.141    |      | 0.126   |      | +11.9          |              | 15404 | 502  | 0.041    |      | 0.045   |      | -8.9           |              | 15991 | 501  | 0.094    |      | 0.087   |      | +8.0           |              |
| 14855 | 501  | 0.105    |      | 0.116   |      | -9.5           |              | 15404 | 503  | 0.047    |      | 0.052   |      | -9.6           |              | 15991 | 502  | 0.193    |      | 0.172   |      | +12.2          |              |
| 14855 | 502  | 0.099    |      | 0.109   |      | -9.2           |              | 15405 | 501  | 0.063    |      | 0.070   |      | -10.0          |              | 15991 | 503  | 0.124    |      | 0.111   |      | +11.7          |              |
| 14855 | 503  | 0.114    |      | 0.127   |      | -10.2          |              | 15405 | 502  | 0.060    |      | 0.066   |      | -9.1           |              | 15993 | 501  | 0.079    |      | 0.073   |      | +8.2           |              |
| 14913 | 501  | 0.133    |      | 0.124   |      | +7.3           |              | 15405 | 503  | 0.068    |      | 0.076   |      | -10.5          |              | 15993 | 502  | 0.163    |      | 0.145   |      | +12.4          |              |
| 14913 | 502  | 0.270    |      | 0.244   |      | +10.7          |              | 15406 | 501  | 0.161    |      | 0.178   |      | -9.6           |              | 15993 | 503  | 0.105    |      | 0.094   |      | +11.7          |              |
| 14913 | 503  | 0.177    |      | 0.158   |      | +12.0          |              | 15406 | 502  | 0.152    |      | 0.168   |      | -9.5           |              | 16005 | 501  | 0.015    |      | 0.014   |      | +7.1           |              |
| 15062 | 501  | 0.094    |      | 0.104   |      | -9.6           |              | 15406 | 503  | 0.174    |      | 0.194   |      | -10.3          |              | 16005 | 502  | 0.035    |      | 0.032   |      | +9.4           |              |
| 15062 | 502  | 0.089    |      | 0.098   |      | -9.2           |              | 15488 | 501  | 0.400    |      | 0.440   |      | -9.1           |              | 16005 | 503  | 0.023    |      | 0.021   |      | +9.5           |              |
| 15062 | 503  | 0.102    |      | 0.114   |      | -10.5          |              | 15488 | 502  | 0.380    |      | 0.420   |      | -9.5           |              | 16009 | 501  | 0.129    |      | 0.143   |      | -9.8           |              |
| 15063 | 501  | 0.110    |      | 0.121   |      | -9.1           |              | 15488 | 503  | 0.440    |      | 0.480   |      | -8.3           |              | 16009 | 502  | 0.122    |      | 0.134   |      | -9.0           |              |
| 15063 | 502  | 0.104    |      | 0.114   |      | -8.8           |              | 15538 | 501  | 0.152    |      | 0.141   |      | +7.8           |              | 16009 | 503  | 0.140    |      | 0.155   |      | -9.7           |              |
| 15063 | 503  | 0.119    |      | 0.132   |      | -9.8           |              | 15538 | 502  | 0.310    |      | 0.280   |      | +10.7          |              | 16402 | 501  | 0.570    |      | 0.530   |      | +7.5           |              |
| 15070 | 501  | 0.100    |      | 0.110   |      | -9.1           |              | 15538 | 503  | 0.201    |      | 0.180   |      | +11.7          |              | 16402 | 502  | 1.170    |      | 1.040   |      | +12.5          |              |
| 15070 | 502  | 0.069    |      | 0.076   |      | -9.2           |              | 15600 | 501  | 0.380    |      | 0.360   |      | +5.6           |              | 16402 | 503  | 0.750    |      | 0.670   |      | +11.9          |              |

L - Lower Cap Applied  
 U - Upper Cap Applied  
 N - Not Subject to Capping  
 E - Subject to Capping Exception

LOSS COST PERCENT CHANGE BY CLASS

| Class | Terr | Proposed |      | Present |      | Percent Change | Capping Flag | Class | Terr | Proposed |      | Present |      | Percent Change | Capping Flag | Class | Terr | Proposed |      | Present |      | Percent Change | Capping Flag |
|-------|------|----------|------|---------|------|----------------|--------------|-------|------|----------|------|---------|------|----------------|--------------|-------|------|----------|------|---------|------|----------------|--------------|
|       |      | Loss     | Cost | Loss    | Cost |                |              |       |      | Loss     | Cost | Loss    | Cost |                |              |       |      | Loss     | Cost | Loss    | Cost |                |              |
| 16403 | 501  | 0.360    |      | 0.330   |      | +9.1           |              | 16750 | 503  | 0.055    |      | 0.049   |      | +12.2          |              | 16906 | 502  | 1.020    |      | 0.910   |      | +12.1          |              |
| 16403 | 502  | 0.740    |      | 0.660   |      | +12.1          |              | 16751 | 501  | 0.042    |      | 0.039   |      | +7.7           |              | 16906 | 503  | 0.960    |      | 0.870   |      | +10.3          |              |
| 16403 | 503  | 0.470    |      | 0.420   |      | +11.9          |              | 16751 | 502  | 0.086    |      | 0.076   |      | +13.2          |              | 16910 | 501  | 0.830    |      | 0.780   |      | +6.4           |              |
| 16404 | 501  | 0.450    |      | 0.420   |      | +7.1           |              | 16751 | 503  | 0.055    |      | 0.049   |      | +12.2          |              | 16910 | 502  | 0.910    |      | 0.820   |      | +11.0          |              |
| 16404 | 502  | 0.930    |      | 0.830   |      | +12.0          |              | 16819 | 501  | 0.570    |      | 0.630   |      | -9.5           |              | 16910 | 503  | 0.860    |      | 0.770   |      | +11.7          |              |
| 16404 | 503  | 0.600    |      | 0.530   |      | +13.2          |              | 16819 | 502  | 0.540    |      | 0.590   |      | -8.5           |              | 16911 | 501  | 0.760    |      | 0.710   |      | +7.0           |              |
| 16471 | 501  | 0.185    |      | 0.203   |      | -8.9           |              | 16819 | 503  | 0.620    |      | 0.690   |      | -10.1          |              | 16911 | 502  | 0.830    |      | 0.740   |      | +12.2          |              |
| 16471 | 502  | 0.128    |      | 0.140   |      | -8.6           |              | 16820 | 501  | 0.440    |      | 0.490   |      | -10.2          |              | 16911 | 503  | 0.780    |      | 0.700   |      | +11.4          |              |
| 16471 | 503  | 0.110    |      | 0.121   |      | -9.1           |              | 16820 | 502  | 0.420    |      | 0.460   |      | -8.7           |              | 16915 | 501  | 0.860    |      | 0.800   |      | +7.5           |              |
| 16501 | 501  | 0.031    |      | 0.030   |      | +3.3           |              | 16820 | 503  | 0.480    |      | 0.530   |      | -9.4           |              | 16915 | 502  | 0.940    |      | 0.840   |      | +11.9          |              |
| 16501 | 502  | 0.073    |      | 0.069   |      | +5.8           |              | 16881 | 501  | 0.650    |      | 0.600   |      | +8.3           |              | 16915 | 503  | 0.880    |      | 0.790   |      | +11.4          |              |
| 16501 | 503  | 0.048    |      | 0.045   |      | +6.7           |              | 16881 | 502  | 1.340    |      | 1.200   |      | +11.7          |              | 16916 | 501  | 0.710    |      | 0.670   |      | +6.0           |              |
| 16527 | 501  | 0.047    |      | 0.046   |      | +2.2           |              | 16881 | 503  | 0.860    |      | 0.770   |      | +11.7          |              | 16916 | 502  | 0.780    |      | 0.700   |      | +11.4          |              |
| 16527 | 502  | 0.113    |      | 0.105   |      | +7.6           |              | 16890 | 501  | 0.067    |      | 0.074   |      | -9.5           |              | 16916 | 503  | 0.730    |      | 0.660   |      | +10.6          |              |
| 16527 | 503  | 0.073    |      | 0.069   |      | +5.8           |              | 16890 | 502  | 0.063    |      | 0.070   |      | -10.0          |              | 16920 | 501  | 1.900    |      | 1.770   |      | +7.3           |              |
| 16588 | 501  | 0.060    |      | 0.066   |      | -9.1           |              | 16890 | 503  | 0.072    |      | 0.081   |      | -11.1          |              | 16920 | 502  | 2.080    |      | 1.850   |      | +12.4          |              |
| 16588 | 502  | 0.056    |      | 0.062   |      | -9.7           |              | 16891 | 501  | 0.073    |      | 0.081   |      | -9.9           |              | 16920 | 503  | 1.950    |      | 1.760   |      | +10.8          |              |
| 16588 | 503  | 0.065    |      | 0.072   |      | -9.7           |              | 16891 | 502  | 0.069    |      | 0.076   |      | -9.2           |              | 16921 | 501  | 1.730    |      | 1.620   |      | +6.8           |              |
| 16604 | 501  | 0.100    |      | 0.111   |      | -9.9           |              | 16891 | 503  | 0.079    |      | 0.088   |      | -10.2          |              | 16921 | 502  | 1.900    |      | 1.690   |      | +12.4          |              |
| 16604 | 502  | 0.095    |      | 0.104   |      | -8.7           |              | 16892 | 501  | 0.132    |      | 0.147   |      | -10.2          |              | 16921 | 503  | 1.780    |      | 1.610   |      | +10.6          |              |
| 16604 | 503  | 0.109    |      | 0.121   |      | -9.9           |              | 16892 | 502  | 0.125    |      | 0.138   |      | -9.4           |              | 16930 | 501  | 1.090    |      | 1.020   |      | +6.9           |              |
| 16670 | 501  | 2.180    |      | 2.090   |      | +4.3           |              | 16892 | 503  | 0.143    |      | 0.160   |      | -10.6          |              | 16930 | 502  | 1.190    |      | 1.070   |      | +11.2          |              |
| 16670 | 502  | 2.420    |      | 2.210   |      | +9.5           |              | 16900 | 501  | 1.390    |      | 1.300   |      | +6.9           |              | 16930 | 503  | 1.120    |      | 1.010   |      | +10.9          |              |
| 16670 | 503  | 3.020    |      | 2.790   |      | +8.2           |              | 16900 | 502  | 1.520    |      | 1.360   |      | +11.8          |              | 16931 | 501  | 1.180    |      | 1.100   |      | +7.3           |              |
| 16676 | 501  | 0.119    |      | 0.110   |      | +8.2           |              | 16900 | 503  | 1.430    |      | 1.290   |      | +10.9          |              | 16931 | 502  | 1.290    |      | 1.150   |      | +12.2          |              |
| 16676 | 502  | 0.244    |      | 0.218   |      | +11.9          |              | 16901 | 501  | 0.890    |      | 0.830   |      | +7.2           |              | 16931 | 503  | 1.210    |      | 1.090   |      | +11.0          |              |
| 16676 | 503  | 0.157    |      | 0.141   |      | +11.3          |              | 16901 | 502  | 0.980    |      | 0.870   |      | +12.6          |              | 16940 | 501  | 2.370    |      | 2.210   |      | +7.2           |              |
| 16694 | 501  | 0.198    |      | 0.219   |      | -9.6           |              | 16901 | 503  | 0.920    |      | 0.830   |      | +10.8          |              | 16940 | 502  | 2.590    |      | 2.310   |      | +12.1          |              |
| 16694 | 502  | 0.187    |      | 0.206   |      | -9.2           |              | 16902 | 501  | 0.760    |      | 0.710   |      | +7.0           |              | 16940 | 503  | 2.430    |      | 2.200   |      | +10.5          |              |
| 16694 | 503  | 0.214    |      | 0.239   |      | -10.5          |              | 16902 | 502  | 0.830    |      | 0.740   |      | +12.2          |              | 16941 | 501  | 0.950    |      | 0.880   |      | +8.0           |              |
| 16705 | 501  | 0.088    |      | 0.085   |      | +3.5           |              | 16902 | 503  | 0.780    |      | 0.700   |      | +11.4          |              | 16941 | 502  | 1.040    |      | 0.930   |      | +11.8          |              |
| 16705 | 502  | 0.209    |      | 0.195   |      | +7.2           |              | 16905 | 501  | 1.460    |      | 1.360   |      | +7.4           |              | 16941 | 503  | 0.970    |      | 0.880   |      | +10.2          |              |
| 16705 | 503  | 0.136    |      | 0.128   |      | +6.3           |              | 16905 | 502  | 1.600    |      | 1.430   |      | +11.9          |              | 18078 | 501  | 0.050    |      | 0.048   |      | +4.2           |              |
| 16750 | 501  | 0.042    |      | 0.039   |      | +7.7           |              | 16905 | 503  | 1.500    |      | 1.360   |      | +10.3          |              | 18078 | 502  | 0.119    |      | 0.111   |      | +7.2           |              |
| 16750 | 502  | 0.086    |      | 0.076   |      | +13.2          |              | 16906 | 501  | 0.930    |      | 0.870   |      | +6.9           |              | 18078 | 503  | 0.077    |      | 0.072   |      | +6.9           |              |

L - Lower Cap Applied  
 U - Upper Cap Applied  
 N - Not Subject to Capping  
 E - Subject to Capping Exception

LOSS COST PERCENT CHANGE BY CLASS

| Class | Terr | Proposed |      | Present |      | Percent Change | Capping Flag | Class | Terr | Proposed |      | Present |      | Percent Change | Capping Flag | Class | Terr | Proposed |      | Present |      | Percent Change | Capping Flag |
|-------|------|----------|------|---------|------|----------------|--------------|-------|------|----------|------|---------|------|----------------|--------------|-------|------|----------|------|---------|------|----------------|--------------|
|       |      | Loss     | Cost | Loss    | Cost |                |              |       |      | Loss     | Cost | Loss    | Cost |                |              |       |      | Loss     | Cost | Loss    | Cost |                |              |
| 18109 | 501  | 0.156    |      | 0.145   |      | +7.6           |              | 18507 | 503  | 0.099    |      | 0.089   |      | +11.2          |              | 19795 | 502  | 0.250    |      | 0.225   |      | +11.1          |              |
| 18109 | 502  | 0.320    |      | 0.290   |      | +10.3          |              | 18570 | 501  | 0.780    |      | 0.730   |      | +6.8           |              | 19795 | 503  | 0.163    |      | 0.145   |      | +12.4          |              |
| 18109 | 503  | 0.207    |      | 0.185   |      | +11.9          |              | 18570 | 502  | 1.610    |      | 1.440   |      | +11.8          |              | 19796 | 501  | 0.144    |      | 0.133   |      | +8.3           |              |
| 18110 | 501  | 0.125    |      | 0.116   |      | +7.8           |              | 18570 | 503  | 1.040    |      | 0.930   |      | +11.8          |              | 19796 | 502  | 0.300    |      | 0.260   |      | +15.4          |              |
| 18110 | 502  | 0.260    |      | 0.229   |      | +13.5          |              | 18616 | 501  | 0.160    |      | 0.177   |      | -9.6           |              | 19796 | 503  | 0.190    |      | 0.170   |      | +11.8          |              |
| 18110 | 503  | 0.166    |      | 0.148   |      | +12.2          |              | 18616 | 502  | 0.151    |      | 0.167   |      | -9.6           |              | 40045 | 501  | 121.000  |      | 116.000 |      | +4.3           |              |
| 18205 | 501  | 0.077    |      | 0.074   |      | +4.1           |              | 18616 | 503  | 0.173    |      | 0.193   |      | -10.4          |              | 40045 | 502  | 134.000  |      | 122.000 |      | +9.8           |              |
| 18205 | 502  | 0.183    |      | 0.171   |      | +7.0           |              | 18707 | 501  | 0.004    |      | 0.004   |      | 0.0            |              | 40045 | 503  | 167.000  |      | 154.000 |      | +8.4           |              |
| 18205 | 503  | 0.119    |      | 0.112   |      | +6.3           |              | 18707 | 502  | 0.010    |      | 0.009   |      | +11.1          |              | 40046 | 501  | 23.900   |      | 22.800  |      | +4.8           |              |
| 18206 | 501  | 0.202    |      | 0.187   |      | +8.0           |              | 18707 | 503  | 0.006    |      | 0.006   |      | 0.0            |              | 40046 | 502  | 26.400   |      | 24.200  |      | +9.1           |              |
| 18206 | 502  | 0.420    |      | 0.370   |      | +13.5          |              | 18708 | 501  | 0.046    |      | 0.042   |      | +9.5           |              | 40046 | 503  | 33.100   |      | 30.500  |      | +8.5           |              |
| 18206 | 503  | 0.270    |      | 0.239   |      | +13.0          |              | 18708 | 502  | 0.094    |      | 0.084   |      | +11.9          |              | 40047 | 501  | 8.520    |      | 8.150   |      | +4.5           |              |
| 18335 | 501  | 0.146    |      | 0.135   |      | +8.1           |              | 18708 | 503  | 0.061    |      | 0.054   |      | +13.0          |              | 40047 | 502  | 9.430    |      | 8.630   |      | +9.3           |              |
| 18335 | 502  | 0.300    |      | 0.270   |      | +11.1          |              | 18833 | 501  | 0.049    |      | 0.048   |      | +2.1           |              | 40047 | 503  | 11.800   |      | 10.900  |      | +8.3           |              |
| 18335 | 503  | 0.193    |      | 0.173   |      | +11.6          |              | 18833 | 502  | 0.117    |      | 0.110   |      | +6.4           |              | 40059 | 501  | 3.050    |      | 2.920   |      | +4.5           |              |
| 18435 | 501  | 0.280    |      | 0.280   |      | 0.0            |              | 18833 | 503  | 0.076    |      | 0.072   |      | +5.6           |              | 40059 | 502  | 3.380    |      | 3.090   |      | +9.4           |              |
| 18435 | 502  | 0.520    |      | 0.480   |      | +8.3           |              | 18834 | 501  | 0.119    |      | 0.110   |      | +8.2           |              | 40059 | 503  | 4.220    |      | 3.890   |      | +8.5           |              |
| 18435 | 503  | 0.470    |      | 0.440   |      | +6.8           |              | 18834 | 502  | 0.244    |      | 0.218   |      | +11.9          |              | 40061 | 501  | 1.620    |      | 1.550   |      | +4.5           |              |
| 18436 | 501  | 0.227    |      | 0.223   |      | +1.8           |              | 18834 | 503  | 0.157    |      | 0.141   |      | +11.3          |              | 40061 | 502  | 1.790    |      | 1.640   |      | +9.1           |              |
| 18436 | 502  | 0.420    |      | 0.390   |      | +7.7           |              | 18911 | 501  | 0.370    |      | 0.350   |      | +5.7           |              | 40061 | 503  | 2.240    |      | 2.060   |      | +8.7           |              |
| 18436 | 503  | 0.380    |      | 0.350   |      | +8.6           |              | 18911 | 502  | 0.770    |      | 0.690   |      | +11.6          |              | 40063 | 501  | 54.100   |      | 51.700  |      | +4.6           |              |
| 18437 | 501  | 0.208    |      | 0.193   |      | +7.8           |              | 18911 | 503  | 0.500    |      | 0.440   |      | +13.6          |              | 40063 | 502  | 59.900   |      | 54.800  |      | +9.3           |              |
| 18437 | 502  | 0.430    |      | 0.380   |      | +13.2          |              | 18912 | 501  | 0.710    |      | 0.650   |      | +9.2           |              | 40063 | 503  | 75.000   |      | 69.100  |      | +8.5           |              |
| 18437 | 503  | 0.280    |      | 0.247   |      | +13.4          |              | 18912 | 502  | 1.450    |      | 1.290   |      | +12.4          |              | 40064 | 501  | 15.900   |      | 15.200  |      | +4.6           |              |
| 18438 | 501  | 0.400    |      | 0.370   |      | +8.1           |              | 18912 | 503  | 0.940    |      | 0.840   |      | +11.9          |              | 40064 | 502  | 17.600   |      | 16.100  |      | +9.3           |              |
| 18438 | 502  | 0.820    |      | 0.730   |      | +12.3          |              | 18920 | 501  | 0.183    |      | 0.170   |      | +7.6           |              | 40064 | 503  | 22.000   |      | 20.300  |      | +8.4           |              |
| 18438 | 503  | 0.530    |      | 0.470   |      | +12.8          |              | 18920 | 502  | 0.380    |      | 0.340   |      | +11.8          |              | 40075 | 501  | 32.700   |      | 29.100  |      | +12.4          |              |
| 18501 | 501  | 0.260    |      | 0.250   |      | +4.0           |              | 18920 | 503  | 0.243    |      | 0.217   |      | +12.0          |              | 40075 | 502  | 25.800   |      | 21.900  |      | +17.8          |              |
| 18501 | 502  | 0.470    |      | 0.440   |      | +6.8           |              | 19007 | 501  | 0.600    |      | 0.560   |      | +7.1           |              | 40075 | 503  | 21.800   |      | 18.600  |      | +17.2          |              |
| 18501 | 503  | 0.430    |      | 0.400   |      | +7.5           |              | 19007 | 502  | 1.030    |      | 0.920   |      | +12.0          |              | 40101 | 501  | 11.100   |      | 9.910   |      | +12.0          |              |
| 18506 | 501  | 0.210    |      | 0.232   |      | -9.5           |              | 19007 | 503  | 1.000    |      | 0.900   |      | +11.1          |              | 40101 | 502  | 15.000   |      | 12.800  |      | +17.2          |              |
| 18506 | 502  | 0.198    |      | 0.219   |      | -9.6           |              | 19051 | 501  | 1.320    |      | 1.240   |      | +6.5           |              | 40101 | 503  | 35.400   |      | 30.500  |      | +16.1          |              |
| 18506 | 503  | 0.227    |      | 0.250   |      | -9.2           |              | 19051 | 502  | 2.280    |      | 2.040   |      | +11.8          |              | 40102 | 501  | 9.800    |      | 8.760   |      | +11.9          |              |
| 18507 | 501  | 0.075    |      | 0.070   |      | +7.1           |              | 19051 | 503  | 2.210    |      | 2.000   |      | +10.5          |              | 40102 | 502  | 13.200   |      | 11.300  |      | +16.8          |              |
| 18507 | 502  | 0.154    |      | 0.137   |      | +12.4          |              | 19795 | 501  | 0.123    |      | 0.114   |      | +7.9           |              | 40102 | 503  | 31.300   |      | 27.000  |      | +15.9          |              |

L - Lower Cap Applied  
 U - Upper Cap Applied  
 N - Not Subject to Capping  
 E - Subject to Capping Exception

LOSS COST PERCENT CHANGE BY CLASS

| Class | Terr | Proposed |      | Present |      | Percent Change | Capping Flag | Class | Terr | Proposed |      | Present |      | Percent Change | Capping Flag | Class | Terr | Proposed |      | Present |      | Percent Change | Capping Flag |
|-------|------|----------|------|---------|------|----------------|--------------|-------|------|----------|------|---------|------|----------------|--------------|-------|------|----------|------|---------|------|----------------|--------------|
|       |      | Loss     | Cost | Loss    | Cost |                |              |       |      | Loss     | Cost | Loss    | Cost |                |              |       |      | Loss     | Cost | Loss    | Cost |                |              |
| 40111 | 501  | 4.290    |      | 4.100   |      | +4.6           |              | 41667 | 503  | 69.300   |      | 63.900  |      | +8.5           |              | 43152 | 502  | 16.900   |      | 14.900  |      | +13.4          |              |
| 40111 | 502  | 4.740    |      | 4.340   |      | +9.2           |              | 41668 | 501  | 46.900   |      | 44.800  |      | +4.7           |              | 43152 | 503  | 19.400   |      | 17.200  |      | +12.8          |              |
| 40111 | 503  | 5.940    |      | 5.470   |      | +8.6           |              | 41668 | 502  | 51.900   |      | 47.500  |      | +9.3           |              | 43200 | 501  | 62.000   |      | 55.000  |      | +12.7          |              |
| 41001 | 501  | 0.145    |      | 0.138   |      | +5.1           |              | 41668 | 503  | 65.000   |      | 59.900  |      | +8.5           |              | 43200 | 502  | 48.800   |      | 41.400  |      | +17.9          |              |
| 41001 | 502  | 0.160    |      | 0.147   |      | +8.8           |              | 41669 | 501  | 0.330    |      | 0.310   |      | +6.5           |              | 43200 | 503  | 41.200   |      | 35.200  |      | +17.0          |              |
| 41001 | 503  | 0.200    |      | 0.185   |      | +8.1           |              | 41669 | 502  | 0.360    |      | 0.330   |      | +9.1           |              | 43421 | 501  | 17.000   |      | 15.100  |      | +12.6          |              |
| 41421 | 501  | 0.390    |      | 0.350   |      | +11.4          |              | 41669 | 503  | 0.460    |      | 0.420   |      | +9.5           |              | 43421 | 502  | 13.400   |      | 11.400  |      | +17.5          |              |
| 41421 | 502  | 0.370    |      | 0.320   |      | +15.6          |              | 41670 | 501  | 0.550    |      | 0.530   |      | +3.8           |              | 43421 | 503  | 11.300   |      | 9.660   |      | +17.0          |              |
| 41421 | 503  | 0.440    |      | 0.380   |      | +15.8          |              | 41670 | 502  | 0.610    |      | 0.560   |      | +8.9           |              | 43422 | 501  | 89.100   |      | 79.100  |      | +12.6          |              |
| 41422 | 501  | 0.209    |      | 0.187   |      | +11.8          |              | 41670 | 503  | 0.760    |      | 0.700   |      | +8.6           |              | 43422 | 502  | 70.100   |      | 59.600  |      | +17.6          |              |
| 41422 | 502  | 0.199    |      | 0.170   |      | +17.1          |              | 41677 | 501  | 0.193    |      | 0.211   |      | -8.5           |              | 43422 | 503  | 59.200   |      | 50.700  |      | +16.8          |              |
| 41422 | 503  | 0.237    |      | 0.204   |      | +16.2          |              | 41677 | 502  | 0.133    |      | 0.146   |      | -8.9           |              | 43470 | 501  | 3.550    |      | 3.890   |      | -8.7           |              |
| 41510 | 501  | 18.800   |      | 17.500  |      | +7.4           |              | 41677 | 503  | 0.114    |      | 0.126   |      | -9.5           |              | 43470 | 502  | 2.460    |      | 2.690   |      | -8.6           |              |
| 41510 | 502  | 38.800   |      | 34.600  |      | +12.1          |              | 41678 | 501  | 39.000   |      | 35.700  |      | +9.2           |              | 43470 | 503  | 2.100    |      | 2.320   |      | -9.5           |              |
| 41510 | 503  | 25.000   |      | 22.300  |      | +12.1          |              | 41678 | 502  | 56.400   |      | 49.600  |      | +13.7          |              | 43518 | 501  | 7.850    |      | 7.510   |      | +4.5           |              |
| 41603 | 501  | 18.600   |      | 16.600  |      | +12.0          |              | 41678 | 503  | 64.800   |      | 57.400  |      | +12.9          |              | 43518 | 502  | 8.690    |      | 7.950   |      | +9.3           |              |
| 41603 | 502  | 17.600   |      | 15.100  |      | +16.6          |              | 41680 | 501  | 13.600   |      | 12.100  |      | +12.4          |              | 43518 | 503  | 10.900   |      | 10.000  |      | +9.0           |              |
| 41603 | 503  | 21.000   |      | 18.100  |      | +16.0          |              | 41680 | 502  | 12.900   |      | 11.000  |      | +17.3          |              | 43550 | 501  | 60.600   |      | 53.800  |      | +12.6          |              |
| 41604 | 501  | 10.200   |      | 9.100   |      | +12.1          |              | 41680 | 503  | 15.400   |      | 13.200  |      | +16.7          |              | 43550 | 502  | 47.700   |      | 40.500  |      | +17.8          |              |
| 41604 | 502  | 9.690    |      | 8.280   |      | +17.0          |              | 41696 | 501  | 0.610    |      | 0.670   |      | -9.0           |              | 43550 | 503  | 40.300   |      | 34.500  |      | +16.8          |              |
| 41604 | 503  | 11.500   |      | 9.920   |      | +15.9          |              | 41696 | 502  | 0.420    |      | 0.460   |      | -8.7           |              | 43551 | 501  | 33.600   |      | 29.800  |      | +12.8          |              |
| 41620 | 501  | 0.930    |      | 1.020   |      | -8.8           |              | 41696 | 503  | 0.360    |      | 0.400   |      | -10.0          |              | 43551 | 502  | 26.400   |      | 22.500  |      | +17.3          |              |
| 41620 | 502  | 0.650    |      | 0.710   |      | -8.5           |              | 41697 | 501  | 0.420    |      | 0.460   |      | -8.7           |              | 43551 | 503  | 22.300   |      | 19.100  |      | +16.8          |              |
| 41620 | 503  | 0.550    |      | 0.610   |      | -9.8           |              | 41697 | 502  | 0.290    |      | 0.320   |      | -9.4           |              | 43626 | 501  | 6.270    |      | 6.000   |      | +4.5           |              |
| 41650 | 501  | 26.200   |      | 23.300  |      | +12.4          |              | 41697 | 503  | 0.250    |      | 0.280   |      | -10.7          |              | 43626 | 502  | 6.940    |      | 6.350   |      | +9.3           |              |
| 41650 | 502  | 24.800   |      | 21.200  |      | +17.0          |              | 41715 | 501  | 8.630    |      | 7.700   |      | +12.1          |              | 43626 | 503  | 8.690    |      | 8.010   |      | +8.5           |              |
| 41650 | 503  | 29.600   |      | 25.400  |      | +16.5          |              | 41715 | 502  | 8.200    |      | 7.000   |      | +17.1          |              | 43628 | 501  | 81.500   |      | 77.900  |      | +4.6           |              |
| 41664 | 501  | 18.300   |      | 17.500  |      | +4.6           |              | 41715 | 503  | 9.760    |      | 8.390   |      | +16.3          |              | 43628 | 502  | 90.200   |      | 82.600  |      | +9.2           |              |
| 41664 | 502  | 20.300   |      | 18.500  |      | +9.7           |              | 41716 | 501  | 5.490    |      | 4.900   |      | +12.0          |              | 43628 | 503  | 113.000  |      | 104.000 |      | +8.7           |              |
| 41664 | 503  | 25.300   |      | 23.400  |      | +8.1           |              | 41716 | 502  | 5.220    |      | 4.460   |      | +17.0          |              | 43629 | 501  | 69.100   |      | 66.000  |      | +4.7           |              |
| 41665 | 501  | 2.140    |      | 2.050   |      | +4.4           |              | 41716 | 503  | 6.210    |      | 5.340   |      | +16.3          |              | 43629 | 502  | 76.400   |      | 70.000  |      | +9.1           |              |
| 41665 | 502  | 2.370    |      | 2.170   |      | +9.2           |              | 43151 | 501  | 16.300   |      | 14.500  |      | +12.4          |              | 43629 | 503  | 95.700   |      | 88.200  |      | +8.5           |              |
| 41665 | 503  | 2.970    |      | 2.740   |      | +8.4           |              | 43151 | 502  | 12.800   |      | 10.900  |      | +17.4          |              | 43760 | 501  | 2.300    |      | 2.200   |      | +4.5           |              |
| 41667 | 501  | 50.000   |      | 47.800  |      | +4.6           |              | 43151 | 503  | 10.800   |      | 9.260   |      | +16.6          |              | 43760 | 502  | 2.550    |      | 2.330   |      | +9.4           |              |
| 41667 | 502  | 55.400   |      | 50.700  |      | +9.3           |              | 43152 | 501  | 11.700   |      | 10.700  |      | +9.3           |              | 43760 | 503  | 3.190    |      | 2.940   |      | +8.5           |              |

L - Lower Cap Applied  
 U - Upper Cap Applied  
 N - Not Subject to Capping  
 E - Subject to Capping Exception



LOSS COST PERCENT CHANGE BY CLASS

| Class | Terr | Proposed | Present | Percent | Capping | Class | Terr | Proposed | Present | Percent | Capping | Class | Terr | Proposed | Present | Percent | Capping |
|-------|------|----------|---------|---------|---------|-------|------|----------|---------|---------|---------|-------|------|----------|---------|---------|---------|
|       |      | Loss     | Cost    | Change  | Flag    |       |      | Loss     | Cost    | Change  | Flag    |       |      | Loss     | Cost    | Change  | Flag    |
| 43822 | 501  | 2.820    | 3.090   | -8.7    |         | 44102 | 503  | 3.840    | 3.340   | +15.0   |         | 44315 | 502  | 3.010    | 2.760   | +9.1    |         |
| 43822 | 502  | 1.950    | 2.140   | -8.9    |         | 44103 | 501  | 2.290    | 2.060   | +11.2   |         | 44315 | 503  | 3.770    | 3.470   | +8.6    |         |
| 43822 | 503  | 1.670    | 1.850   | -9.7    |         | 44103 | 502  | 3.020    | 2.610   | +15.7   |         | 44427 | 501  | 40.100   | 35.800  | +12.0   |         |
| 43840 | 501  | 0.035    | 0.038   | -7.9    |         | 44103 | 503  | 3.400    | 2.950   | +15.3   |         | 44427 | 502  | 54.100   | 46.300  | +16.8   |         |
| 43840 | 502  | 0.024    | 0.026   | -7.7    |         | 44104 | 501  | 0.960    | 0.870   | +10.3   |         | 44427 | 503  | 128.000  | 110.000 | +16.4   |         |
| 43840 | 503  | 0.021    | 0.023   | -8.7    |         | 44104 | 502  | 1.270    | 1.100   | +15.5   |         | 44428 | 501  | 40.300   | 36.000  | +11.9   |         |
| 43860 | 501  | 2.220    | 2.430   | -8.6    |         | 44104 | 503  | 1.430    | 1.240   | +15.3   |         | 44428 | 502  | 54.400   | 46.600  | +16.7   |         |
| 43860 | 502  | 1.540    | 1.680   | -8.3    |         | 44108 | 501  | 1.130    | 1.020   | +10.8   |         | 44428 | 503  | 129.000  | 111.000 | +16.2   |         |
| 43860 | 503  | 1.320    | 1.450   | -9.0    |         | 44108 | 502  | 1.490    | 1.280   | +16.4   |         | 44429 | 501  | 0.600    | 0.540   | +11.1   |         |
| 43889 | 501  | 0.790    | 0.870   | -9.2    |         | 44108 | 503  | 1.680    | 1.450   | +15.9   |         | 44429 | 502  | 0.810    | 0.700   | +15.7   |         |
| 43889 | 502  | 0.550    | 0.600   | -8.3    |         | 44109 | 501  | 2.860    | 2.570   | +11.3   |         | 44429 | 503  | 1.930    | 1.660   | +16.3   |         |
| 43889 | 503  | 0.470    | 0.520   | -9.6    |         | 44109 | 502  | 3.770    | 3.250   | +16.0   |         | 44430 | 501  | 0.420    | 0.380   | +10.5   |         |
| 44009 | 501  | 1.860    | 1.750   | +6.3    |         | 44109 | 503  | 4.240    | 3.680   | +15.2   |         | 44430 | 502  | 0.570    | 0.490   | +16.3   |         |
| 44009 | 502  | 3.200    | 2.860   | +11.9   |         | 44110 | 501  | 2.920    | 2.630   | +11.0   |         | 44430 | 503  | 1.340    | 1.160   | +15.5   |         |
| 44009 | 503  | 3.110    | 2.810   | +10.7   |         | 44110 | 502  | 3.860    | 3.320   | +16.3   |         | 44431 | 501  | 1.340    | 1.200   | +11.7   |         |
| 44069 | 501  | 6.710    | 6.410   | +4.7    |         | 44110 | 503  | 4.340    | 3.760   | +15.4   |         | 44431 | 502  | 1.810    | 1.550   | +16.8   |         |
| 44069 | 502  | 7.420    | 6.790   | +9.3    |         | 44111 | 501  | 1.790    | 1.610   | +11.2   |         | 44431 | 503  | 4.280    | 3.690   | +16.0   |         |
| 44069 | 503  | 9.290    | 8.560   | +8.5    |         | 44111 | 502  | 2.370    | 2.040   | +16.2   |         | 44432 | 501  | 0.430    | 0.380   | +13.2   |         |
| 44070 | 501  | 1.990    | 1.900   | +4.7    |         | 44111 | 503  | 2.660    | 2.310   | +15.2   |         | 44432 | 502  | 0.570    | 0.490   | +16.3   |         |
| 44070 | 502  | 2.200    | 2.010   | +9.5    |         | 44112 | 501  | 1.060    | 0.960   | +10.4   |         | 44432 | 503  | 1.360    | 1.170   | +16.2   |         |
| 44070 | 503  | 2.750    | 2.530   | +8.7    |         | 44112 | 502  | 1.400    | 1.210   | +15.7   |         | 44433 | 501  | 13.600   | 12.100  | +12.4   |         |
| 44071 | 501  | 2.210    | 2.110   | +4.7    |         | 44112 | 503  | 1.580    | 1.370   | +15.3   |         | 44433 | 502  | 18.300   | 15.700  | +16.6   |         |
| 44071 | 502  | 2.440    | 2.240   | +8.9    |         | 44276 | 501  | 83.100   | 73.800  | +12.6   |         | 44433 | 503  | 43.300   | 37.300  | +16.1   |         |
| 44071 | 503  | 3.060    | 2.820   | +8.5    |         | 44276 | 502  | 65.400   | 55.600  | +17.6   |         | 44434 | 501  | 25.900   | 23.200  | +11.6   |         |
| 44072 | 501  | 1.530    | 1.460   | +4.8    |         | 44276 | 503  | 55.300   | 47.300  | +16.9   |         | 44434 | 502  | 35.000   | 29.900  | +17.1   |         |
| 44072 | 502  | 1.690    | 1.540   | +9.7    |         | 44277 | 501  | 53.900   | 47.900  | +12.5   |         | 44434 | 503  | 82.800   | 71.300  | +16.1   |         |
| 44072 | 503  | 2.110    | 1.950   | +8.2    |         | 44277 | 502  | 42.400   | 36.000  | +17.8   |         | 44435 | 501  | 26.900   | 24.000  | +12.1   |         |
| 44100 | 501  | 3.190    | 2.870   | +11.1   |         | 44277 | 503  | 35.800   | 30.700  | +16.6   |         | 44435 | 502  | 36.200   | 31.000  | +16.8   |         |
| 44100 | 502  | 4.210    | 3.630   | +16.0   |         | 44280 | 501  | 0.193    | 0.211   | -8.5    |         | 44435 | 503  | 85.700   | 73.900  | +16.0   |         |
| 44100 | 503  | 4.730    | 4.110   | +15.1   |         | 44280 | 502  | 0.133    | 0.146   | -8.9    |         | 44436 | 501  | 31.400   | 28.000  | +12.1   |         |
| 44101 | 501  | 3.320    | 2.990   | +11.0   |         | 44280 | 503  | 0.114    | 0.126   | -9.5    |         | 44436 | 502  | 42.300   | 36.200  | +16.9   |         |
| 44101 | 502  | 4.380    | 3.780   | +15.9   |         | 44311 | 501  | 4.050    | 3.870   | +4.7    |         | 44436 | 503  | 100.000  | 86.300  | +15.9   |         |
| 44101 | 503  | 4.930    | 4.280   | +15.2   |         | 44311 | 502  | 4.480    | 4.100   | +9.3    |         | 44437 | 501  | 26.000   | 23.200  | +12.1   |         |
| 44102 | 501  | 2.590    | 2.330   | +11.2   |         | 44311 | 503  | 5.610    | 5.170   | +8.5    |         | 44437 | 502  | 35.000   | 30.000  | +16.7   |         |
| 44102 | 502  | 3.420    | 2.950   | +15.9   |         | 44315 | 501  | 2.720    | 2.600   | +4.6    |         | 44437 | 503  | 82.900   | 71.500  | +15.9   |         |

L - Lower Cap Applied  
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LOSS COST PERCENT CHANGE BY CLASS

| Class | Terr | Proposed  | Present   | Percent | Capping | Class | Terr | Proposed  | Present   | Percent | Capping | Class | Terr | Proposed  | Present   | Percent | Capping |
|-------|------|-----------|-----------|---------|---------|-------|------|-----------|-----------|---------|---------|-------|------|-----------|-----------|---------|---------|
|       |      | Loss Cost | Loss Cost | Change  | Flag    |       |      | Loss Cost | Loss Cost | Change  | Flag    |       |      | Loss Cost | Loss Cost | Change  | Flag    |
| 44438 | 501  | 20.500    | 18.400    | +11.4   |         | 45678 | 503  | 0.124     | 0.136     | -8.8    |         | 46427 | 502  | 38.400    | 33.800    | +13.6   |         |
| 44438 | 502  | 27.700    | 23.700    | +16.9   |         | 45771 | 501  | 0.187     | 0.207     | -9.7    |         | 46427 | 503  | 44.100    | 39.100    | +12.8   |         |
| 44438 | 503  | 65.600    | 56.500    | +16.1   |         | 45771 | 502  | 0.177     | 0.195     | -9.2    |         | 46603 | 501  | 1.670     | 1.530     | +9.2    |         |
| 44439 | 501  | 40.000    | 35.700    | +12.0   |         | 45771 | 503  | 0.203     | 0.226     | -10.2   |         | 46603 | 502  | 2.420     | 2.120     | +14.2   |         |
| 44439 | 502  | 53.900    | 46.200    | +16.7   |         | 45819 | 501  | 0.061     | 0.067     | -9.0    |         | 46603 | 503  | 2.770     | 2.460     | +12.6   |         |
|       |      |           |           |         |         |       |      |           |           |         |         |       |      |           |           |         |         |
| 44439 | 503  | 128.000   | 110.000   | +16.4   |         | 45819 | 502  | 0.057     | 0.063     | -9.5    |         | 46604 | 501  | 1.920     | 1.760     | +9.1    |         |
| 44440 | 501  | 33.100    | 29.600    | +11.8   |         | 45819 | 503  | 0.066     | 0.073     | -9.6    |         | 46604 | 502  | 2.790     | 2.450     | +13.9   |         |
| 44440 | 502  | 44.600    | 38.200    | +16.8   |         | 45900 | 501  | 0.044     | 0.041     | +7.3    |         | 46604 | 503  | 3.200     | 2.840     | +12.7   |         |
| 44440 | 503  | 106.000   | 91.000    | +16.5   |         | 45900 | 502  | 0.090     | 0.080     | +12.5   |         | 46606 | 501  | 5.130     | 4.700     | +9.1    |         |
| 45190 | 501  | 2.520     | 2.270     | +11.0   |         | 45900 | 503  | 0.058     | 0.052     | +11.5   |         | 46606 | 502  | 7.430     | 6.530     | +13.8   |         |
|       |      |           |           |         |         |       |      |           |           |         |         |       |      |           |           |         |         |
| 45190 | 502  | 1.530     | 1.320     | +15.9   |         | 45901 | 501  | 0.037     | 0.035     | +5.7    |         | 46606 | 503  | 8.520     | 7.560     | +12.7   |         |
| 45190 | 503  | 2.200     | 1.910     | +15.2   |         | 45901 | 502  | 0.077     | 0.069     | +11.6   |         | 46607 | 501  | 7.050     | 6.470     | +9.0    |         |
| 45191 | 501  | 1.790     | 1.610     | +11.2   |         | 45901 | 503  | 0.050     | 0.044     | +13.6   |         | 46607 | 502  | 10.200    | 8.980     | +13.6   |         |
| 45191 | 502  | 1.090     | 0.940     | +16.0   |         | 45937 | 501  | 0.140     | 0.124     | +12.9   |         | 46607 | 503  | 11.700    | 10.400    | +12.5   |         |
| 45191 | 503  | 1.560     | 1.360     | +14.7   |         | 45937 | 502  | 0.110     | 0.094     | +17.0   |         | 46622 | 501  | 8.250     | 9.030     | -8.6    |         |
|       |      |           |           |         |         |       |      |           |           |         |         |       |      |           |           |         |         |
| 45192 | 501  | 2.090     | 1.880     | +11.2   |         | 45937 | 503  | 0.093     | 0.080     | +16.2   |         | 46622 | 502  | 5.710     | 6.240     | -8.5    |         |
| 45192 | 502  | 1.270     | 1.100     | +15.5   |         | 46004 | 501  | 24.900    | 22.200    | +12.2   |         | 46622 | 503  | 4.890     | 5.390     | -9.3    |         |
| 45192 | 503  | 1.830     | 1.590     | +15.1   |         | 46004 | 502  | 23.600    | 20.200    | +16.8   |         | 46700 | 501  | 125.000   | 111.000   | +12.6   |         |
| 45193 | 501  | 1.230     | 1.110     | +10.8   |         | 46004 | 503  | 28.100    | 24.200    | +16.1   |         | 46700 | 502  | 98.100    | 83.300    | +17.8   |         |
| 45193 | 502  | 0.750     | 0.650     | +15.4   |         | 46005 | 501  | 19.900    | 17.700    | +12.4   |         | 46700 | 503  | 82.900    | 70.900    | +16.9   |         |
|       |      |           |           |         |         |       |      |           |           |         |         |       |      |           |           |         |         |
| 45193 | 503  | 1.080     | 0.940     | +14.9   |         | 46005 | 502  | 18.900    | 16.100    | +17.4   |         | 46911 | 501  | 12.400    | 11.900    | +4.2    |         |
| 45210 | 501  | 1.560     | 1.400     | +11.4   |         | 46005 | 503  | 22.500    | 19.300    | +16.6   |         | 46911 | 502  | 13.700    | 12.600    | +8.7    |         |
| 45210 | 502  | 0.950     | 0.820     | +15.9   |         | 46112 | 501  | 0.044     | 0.039     | +12.8   |         | 46911 | 503  | 17.200    | 15.800    | +8.9    |         |
| 45210 | 503  | 1.360     | 1.180     | +15.3   |         | 46112 | 502  | 0.059     | 0.050     | +18.0   |         | 46912 | 501  | 22.700    | 21.700    | +4.6    |         |
| 45334 | 501  | 35.700    | 31.700    | +12.6   |         | 46112 | 503  | 0.139     | 0.120     | +15.8   |         | 46912 | 502  | 25.200    | 23.000    | +9.6    |         |
|       |      |           |           |         |         |       |      |           |           |         |         |       |      |           |           |         |         |
| 45334 | 502  | 28.100    | 23.900    | +17.6   |         | 46202 | 501  | 3.200     | 2.880     | +11.1   |         | 46912 | 503  | 31.500    | 29.000    | +8.6    |         |
| 45334 | 503  | 23.700    | 20.300    | +16.7   |         | 46202 | 502  | 1.940     | 1.680     | +15.5   |         | 47050 | 501  | 0.770     | 0.840     | -8.3    |         |
| 45380 | 501  | 0.123     | 0.136     | -9.6    |         | 46202 | 503  | 2.800     | 2.430     | +15.2   |         | 47050 | 502  | 0.530     | 0.580     | -8.6    |         |
| 45380 | 502  | 0.116     | 0.128     | -9.4    |         | 46362 | 501  | 136.000   | 125.000   | +8.8    |         | 47050 | 503  | 0.460     | 0.500     | -8.0    |         |
| 45380 | 503  | 0.133     | 0.148     | -10.1   |         | 46362 | 502  | 197.000   | 173.000   | +13.9   |         | 47221 | 501  | 137.000   | 121.000   | +13.2   |         |
|       |      |           |           |         |         |       |      |           |           |         |         |       |      |           |           |         |         |
| 45450 | 501  | 10.500    | 9.320     | +12.7   |         | 46362 | 503  | 226.000   | 200.000   | +13.0   |         | 47221 | 502  | 108.000   | 91.400    | +18.2   |         |
| 45450 | 502  | 8.260     | 7.020     | +17.7   |         | 46426 | 501  | 19.900    | 18.200    | +9.3    |         | 47221 | 503  | 90.900    | 77.800    | +16.8   |         |
| 45450 | 503  | 6.980     | 5.970     | +16.9   |         | 46426 | 502  | 28.800    | 25.300    | +13.8   |         | 47318 | 501  | 5.100     | 4.880     | +4.5    |         |
| 45678 | 501  | 0.208     | 0.228     | -8.8    |         | 46426 | 503  | 33.000    | 29.300    | +12.6   |         | 47318 | 502  | 5.650     | 5.170     | +9.3    |         |
| 45678 | 502  | 0.144     | 0.158     | -8.9    |         | 46427 | 501  | 26.500    | 24.300    | +9.1    |         | 47318 | 503  | 7.070     | 6.510     | +8.6    |         |

L - Lower Cap Applied  
 U - Upper Cap Applied  
 N - Not Subject to Capping  
 E - Subject to Capping Exception

LOSS COST PERCENT CHANGE BY CLASS

| Class | Terr | Proposed |      | Present |      | Percent Change | Capping Flag | Class | Terr | Proposed |      | Present |      | Percent Change | Capping Flag | Class | Terr | Proposed |      | Present |      | Percent Change | Capping Flag |
|-------|------|----------|------|---------|------|----------------|--------------|-------|------|----------|------|---------|------|----------------|--------------|-------|------|----------|------|---------|------|----------------|--------------|
|       |      | Loss     | Cost | Loss    | Cost |                |              |       |      | Loss     | Cost | Loss    | Cost |                |              |       |      | Loss     | Cost | Loss    | Cost |                |              |
| 47367 | 501  | 0.193    |      | 0.211   |      | -8.5           |              | 48206 | 503  | 23.000   |      | 21.200  |      | +8.5           |              | 49181 | 502  | 11.300   |      | 9.600   |      | +17.7          |              |
| 47367 | 502  | 0.133    |      | 0.146   |      | -8.9           |              | 48441 | 501  | 0.070    |      | 0.067   |      | +4.5           |              | 49181 | 503  | 9.540    |      | 8.170   |      | +16.8          |              |
| 47367 | 503  | 0.114    |      | 0.126   |      | -9.5           |              | 48441 | 502  | 0.077    |      | 0.071   |      | +8.5           |              | 49183 | 501  | 17.500   |      | 15.500  |      | +12.9          |              |
| 47420 | 501  | 1.120    |      | 1.070   |      | +4.7           |              | 48441 | 503  | 0.097    |      | 0.089   |      | +9.0           |              | 49183 | 502  | 13.800   |      | 11.700  |      | +17.9          |              |
| 47420 | 502  | 1.240    |      | 1.130   |      | +9.7           |              | 48557 | 501  | 6.970    |      | 6.660   |      | +4.7           |              | 49183 | 503  | 11.600   |      | 9.960   |      | +16.5          |              |
| 47420 | 503  | 1.550    |      | 1.430   |      | +8.4           |              | 48557 | 502  | 7.710    |      | 7.060   |      | +9.2           |              | 49184 | 501  | 36.900   |      | 32.800  |      | +12.5          |              |
| 47469 | 501  | 3.920    |      | 3.500   |      | +12.0          |              | 48557 | 503  | 9.650    |      | 8.900   |      | +8.4           |              | 49184 | 502  | 29.100   |      | 24.700  |      | +17.8          |              |
| 47469 | 502  | 3.730    |      | 3.180   |      | +17.3          |              | 48558 | 501  | 6.060    |      | 5.800   |      | +4.5           |              | 49184 | 503  | 24.600   |      | 21.000  |      | +17.1          |              |
| 47469 | 503  | 4.440    |      | 3.820   |      | +16.2          |              | 48558 | 502  | 6.710    |      | 6.140   |      | +9.3           |              | 49185 | 501  | 33.600   |      | 29.800  |      | +12.8          |              |
| 47471 | 501  | 3.400    |      | 3.030   |      | +12.2          |              | 48558 | 503  | 8.390    |      | 7.740   |      | +8.4           |              | 49185 | 502  | 26.400   |      | 22.500  |      | +17.3          |              |
| 47471 | 502  | 3.230    |      | 2.760   |      | +17.0          |              | 48600 | 501  | 39.700   |      | 36.400  |      | +9.1           |              | 49185 | 503  | 22.300   |      | 19.100  |      | +16.8          |              |
| 47471 | 503  | 3.850    |      | 3.310   |      | +16.3          |              | 48600 | 502  | 57.600   |      | 50.600  |      | +13.8          |              | 49239 | 501  | 0.092    |      | 0.102   |      | -9.8           |              |
| 47473 | 501  | 4.450    |      | 3.970   |      | +12.1          |              | 48600 | 503  | 66.100   |      | 58.600  |      | +12.8          |              | 49239 | 502  | 0.087    |      | 0.096   |      | -9.4           |              |
| 47473 | 502  | 4.220    |      | 3.610   |      | +16.9          |              | 48636 | 501  | 0.860    |      | 0.940   |      | -8.5           |              | 49239 | 503  | 0.099    |      | 0.111   |      | -10.8          |              |
| 47473 | 503  | 5.030    |      | 4.320   |      | +16.4          |              | 48636 | 502  | 0.830    |      | 0.910   |      | -8.8           |              | 49292 | 501  | 1.050    |      | 0.930   |      | +12.9          |              |
| 47474 | 501  | 4.970    |      | 4.430   |      | +12.2          |              | 48636 | 503  | 0.680    |      | 0.760   |      | -10.5          |              | 49292 | 502  | 0.830    |      | 0.700   |      | +18.6          |              |
| 47474 | 502  | 4.720    |      | 4.030   |      | +17.1          |              | 48637 | 501  | 5.330    |      | 5.090   |      | +4.7           |              | 49292 | 503  | 0.700    |      | 0.600   |      | +16.7          |              |
| 47474 | 503  | 5.620    |      | 4.830   |      | +16.4          |              | 48637 | 502  | 5.890    |      | 5.390   |      | +9.3           |              | 49333 | 501  | 7.700    |      | 6.840   |      | +12.6          |              |
| 47475 | 501  | 3.920    |      | 3.500   |      | +12.0          |              | 48637 | 503  | 7.370    |      | 6.800   |      | +8.4           |              | 49333 | 502  | 6.060    |      | 5.150   |      | +17.7          |              |
| 47475 | 502  | 3.730    |      | 3.180   |      | +17.3          |              | 48638 | 501  | 2.640    |      | 2.530   |      | +4.3           |              | 49333 | 503  | 5.120    |      | 4.380   |      | +16.9          |              |
| 47475 | 503  | 4.440    |      | 3.820   |      | +16.2          |              | 48638 | 502  | 2.920    |      | 2.680   |      | +9.0           |              | 49617 | 501  | 0.126    |      | 0.118   |      | +6.8           |              |
| 47476 | 501  | 3.920    |      | 3.500   |      | +12.0          |              | 48638 | 503  | 3.660    |      | 3.370   |      | +8.6           |              | 49617 | 502  | 0.216    |      | 0.193   |      | +11.9          |              |
| 47476 | 502  | 3.730    |      | 3.180   |      | +17.3          |              | 48808 | 501  | 0.650    |      | 0.600   |      | +8.3           |              | 49617 | 503  | 0.210    |      | 0.190   |      | +10.5          |              |
| 47476 | 503  | 4.440    |      | 3.820   |      | +16.2          |              | 48808 | 502  | 1.330    |      | 1.180   |      | +12.7          |              | 49618 | 501  | 0.106    |      | 0.099   |      | +7.1           |              |
| 47477 | 501  | 5.230    |      | 4.670   |      | +12.0          |              | 48808 | 503  | 0.860    |      | 0.760   |      | +13.2          |              | 49618 | 502  | 0.181    |      | 0.162   |      | +11.7          |              |
| 47477 | 502  | 4.970    |      | 4.250   |      | +16.9          |              | 48925 | 501  | 127.000  |      | 122.000 |      | +4.1           |              | 49618 | 503  | 0.176    |      | 0.160   |      | +10.0          |              |
| 47477 | 503  | 5.920    |      | 5.090   |      | +16.3          |              | 48925 | 502  | 141.000  |      | 129.000 |      | +9.3           |              | 49619 | 501  | 0.199    |      | 0.186   |      | +7.0           |              |
| 47478 | 501  | 5.490    |      | 4.900   |      | +12.0          |              | 48925 | 503  | 176.000  |      | 163.000 |      | +8.0           |              | 49619 | 502  | 0.340    |      | 0.310   |      | +9.7           |              |
| 47478 | 502  | 5.220    |      | 4.460   |      | +17.0          |              | 49005 | 501  | 0.131    |      | 0.144   |      | -9.0           |              | 49619 | 503  | 0.330    |      | 0.300   |      | +10.0          |              |
| 47478 | 503  | 6.210    |      | 5.340   |      | +16.3          |              | 49005 | 502  | 0.091    |      | 0.099   |      | -8.1           |              | 49763 | 501  | 1.290    |      | 1.210   |      | +6.6           |              |
| 48039 | 501  | 43.900   |      | 39.000  |      | +12.6          |              | 49005 | 503  | 0.078    |      | 0.086   |      | -9.3           |              | 49763 | 502  | 2.220    |      | 1.980   |      | +12.1          |              |
| 48039 | 502  | 34.600   |      | 29.400  |      | +17.7          |              | 49111 | 501  | 0.990    |      | 0.920   |      | +7.6           |              | 49763 | 503  | 2.160    |      | 1.950   |      | +10.8          |              |
| 48039 | 503  | 29.200   |      | 25.000  |      | +16.8          |              | 49111 | 502  | 2.030    |      | 1.810   |      | +12.2          |              | 49801 | 501  | 120.000  |      | 107.000 |      | +12.1          |              |
| 48206 | 501  | 16.600   |      | 15.900  |      | +4.4           |              | 49111 | 503  | 1.310    |      | 1.170   |      | +12.0          |              | 49801 | 502  | 94.800   |      | 80.500  |      | +17.8          |              |
| 48206 | 502  | 18.400   |      | 16.800  |      | +9.5           |              | 49181 | 501  | 14.400   |      | 12.700  |      | +13.4          |              | 49801 | 503  | 80.100   |      | 68.500  |      | +16.9          |              |

L - Lower Cap Applied  
 U - Upper Cap Applied  
 N - Not Subject to Capping  
 E - Subject to Capping Exception

LOSS COST PERCENT CHANGE BY CLASS

| Class | Terr | Proposed | Present | Percent | Capping<br>Flag | Class | Terr | Proposed | Present | Percent | Capping<br>Flag | Class | Terr | Proposed | Present | Percent | Capping<br>Flag |
|-------|------|----------|---------|---------|-----------------|-------|------|----------|---------|---------|-----------------|-------|------|----------|---------|---------|-----------------|
|       |      | Loss     | Cost    | Change  |                 |       |      | Loss     | Cost    | Change  |                 |       |      | Loss     | Cost    | Change  |                 |
| 49802 | 501  | 10.700   | 9.480   | +12.9   |                 | 50045 | 503  | 0.064    | 0.074   | -13.5   |                 | 51224 | 502  | 0.121    | 0.133   | -9.0    |                 |
| 49802 | 502  | 8.400    | 7.140   | +17.6   |                 | 50047 | 501  | 0.014    | 0.016   | -12.5   |                 | 51224 | 503  | 0.100    | 0.111   | -9.9    |                 |
| 49802 | 503  | 7.100    | 6.070   | +17.0   |                 | 50047 | 502  | 0.013    | 0.015   | -13.3   |                 | 51230 | 501  | 0.021    | 0.023   | -8.7    |                 |
| 49803 | 501  | 18.900   | 16.800  | +12.5   |                 | 50047 | 503  | 0.007    | 0.008   | -12.5   |                 | 51230 | 502  | 0.020    | 0.023   | -13.0   |                 |
| 49803 | 502  | 14.900   | 12.600  | +18.3   |                 | 51001 | 501  | 0.029    | 0.032   | -9.4    |                 | 51230 | 503  | 0.017    | 0.019   | -10.5   |                 |
| 49803 | 503  | 12.600   | 10.800  | +16.7   |                 | 51001 | 502  | 0.028    | 0.031   | -9.7    |                 | 51240 | 501  | 0.230    | 0.260   | -11.5   |                 |
| 49840 | 501  | 0.790    | 0.870   | -9.2    |                 | 51001 | 503  | 0.023    | 0.026   | -11.5   |                 | 51240 | 502  | 0.213    | 0.244   | -12.7   |                 |
| 49840 | 502  | 0.550    | 0.600   | -8.3    |                 | 51005 | 501  | 0.006    | 0.007   | -14.3   |                 | 51240 | 503  | 0.116    | 0.134   | -13.4   |                 |
| 49840 | 503  | 0.470    | 0.520   | -9.6    |                 | 51005 | 502  | 0.006    | 0.006   | 0.0     |                 | 51241 | 501  | 0.680    | 0.780   | -12.8   |                 |
| 49870 | 501  | 53.300   | 50.900  | +4.7    |                 | 51005 | 503  | 0.005    | 0.005   | 0.0     |                 | 51241 | 502  | 0.630    | 0.730   | -13.7   |                 |
| 49870 | 502  | 58.900   | 54.000  | +9.1    |                 | 51116 | 501  | 0.074    | 0.082   | -9.8    |                 | 51241 | 503  | 0.340    | 0.400   | -15.0   |                 |
| 49870 | 503  | 73.800   | 68.000  | +8.5    |                 | 51116 | 502  | 0.072    | 0.079   | -8.9    |                 | 51250 | 501  | 0.135    | 0.149   | -9.4    |                 |
| 50010 | 501  | 0.112    | 0.128   | -12.5   |                 | 51116 | 503  | 0.059    | 0.066   | -10.6   |                 | 51250 | 502  | 0.131    | 0.144   | -9.0    |                 |
| 50010 | 502  | 0.104    | 0.119   | -12.6   |                 | 51201 | 501  | 0.019    | 0.022   | -13.6   |                 | 51250 | 503  | 0.108    | 0.121   | -10.7   |                 |
| 50010 | 503  | 0.056    | 0.065   | -13.8   |                 | 51201 | 502  | 0.018    | 0.020   | -10.0   |                 | 51251 | 501  | 0.020    | 0.023   | -13.0   |                 |
| 50011 | 501  | 0.047    | 0.052   | -9.6    |                 | 51201 | 503  | 0.010    | 0.011   | -9.1    |                 | 51251 | 502  | 0.018    | 0.021   | -14.3   |                 |
| 50011 | 502  | 0.046    | 0.050   | -8.0    |                 | 51205 | 501  | 0.058    | 0.067   | -13.4   |                 | 51251 | 503  | 0.010    | 0.012   | -16.7   |                 |
| 50011 | 503  | 0.038    | 0.042   | -9.5    |                 | 51205 | 502  | 0.054    | 0.062   | -12.9   |                 | 51252 | 501  | 0.069    | 0.079   | -12.7   |                 |
| 50012 | 501  | 0.041    | 0.047   | -12.8   |                 | 51205 | 503  | 0.029    | 0.034   | -14.7   |                 | 51252 | 502  | 0.064    | 0.074   | -13.5   |                 |
| 50012 | 502  | 0.038    | 0.044   | -13.6   |                 | 51206 | 501  | 0.009    | 0.010   | -10.0   |                 | 51252 | 503  | 0.035    | 0.040   | -12.5   |                 |
| 50012 | 503  | 0.021    | 0.024   | -12.5   |                 | 51206 | 502  | 0.008    | 0.010   | -20.0   |                 | 51253 | 501  | 0.059    | 0.068   | -13.2   |                 |
| 50015 | 501  | 0.073    | 0.083   | -12.0   |                 | 51206 | 503  | 0.005    | 0.005   | 0.0     |                 | 51253 | 502  | 0.055    | 0.063   | -12.7   |                 |
| 50015 | 502  | 0.067    | 0.077   | -13.0   |                 | 51210 | 501  | 0.051    | 0.057   | -10.5   |                 | 51253 | 503  | 0.030    | 0.034   | -11.8   |                 |
| 50015 | 503  | 0.037    | 0.042   | -11.9   |                 | 51210 | 502  | 0.050    | 0.055   | -9.1    |                 | 51254 | 501  | 0.018    | 0.021   | -14.3   |                 |
| 50017 | 501  | 0.055    | 0.063   | -12.7   |                 | 51210 | 503  | 0.041    | 0.046   | -10.9   |                 | 51254 | 502  | 0.017    | 0.020   | -15.0   |                 |
| 50017 | 502  | 0.051    | 0.059   | -13.6   |                 | 51220 | 501  | 0.176    | 0.194   | -9.3    |                 | 51254 | 503  | 0.009    | 0.011   | -18.2   |                 |
| 50017 | 503  | 0.028    | 0.032   | -12.5   |                 | 51220 | 502  | 0.170    | 0.187   | -9.1    |                 | 51255 | 501  | 0.340    | 0.380   | -10.5   |                 |
| 50018 | 501  | 0.043    | 0.048   | -10.4   |                 | 51220 | 503  | 0.141    | 0.157   | -10.2   |                 | 51255 | 502  | 0.330    | 0.370   | -10.8   |                 |
| 50018 | 502  | 0.042    | 0.046   | -8.7    |                 | 51221 | 501  | 0.098    | 0.108   | -9.3    |                 | 51255 | 503  | 0.270    | 0.310   | -12.9   |                 |
| 50018 | 503  | 0.035    | 0.038   | -7.9    |                 | 51221 | 502  | 0.095    | 0.104   | -8.7    |                 | 51300 | 501  | 0.088    | 0.094   | -6.4    |                 |
| 50019 | 501  | 0.030    | 0.034   | -11.8   |                 | 51221 | 503  | 0.078    | 0.087   | -10.3   |                 | 51300 | 502  | 0.079    | 0.084   | -6.0    |                 |
| 50019 | 502  | 0.027    | 0.031   | -12.9   |                 | 51222 | 501  | 0.119    | 0.131   | -9.2    |                 | 51300 | 503  | 0.048    | 0.051   | -5.9    |                 |
| 50019 | 503  | 0.015    | 0.017   | -11.8   |                 | 51222 | 502  | 0.115    | 0.127   | -9.4    |                 | 51305 | 501  | 0.088    | 0.094   | -6.4    |                 |
| 50045 | 501  | 0.126    | 0.145   | -13.1   |                 | 51222 | 503  | 0.095    | 0.106   | -10.4   |                 | 51305 | 502  | 0.079    | 0.084   | -6.0    |                 |
| 50045 | 502  | 0.117    | 0.135   | -13.3   |                 | 51224 | 501  | 0.125    | 0.137   | -8.8    |                 | 51305 | 503  | 0.048    | 0.051   | -5.9    |                 |

L - Lower Cap Applied  
 U - Upper Cap Applied  
 N - Not Subject to Capping  
 E - Subject to Capping Exception

LOSS COST PERCENT CHANGE BY CLASS

| Class | Terr | Proposed |      | Present |      | Percent Change | Capping Flag | Class | Terr | Proposed |      | Present |      | Percent Change | Capping Flag | Class | Terr | Proposed |      | Present |      | Percent Change | Capping Flag |
|-------|------|----------|------|---------|------|----------------|--------------|-------|------|----------|------|---------|------|----------------|--------------|-------|------|----------|------|---------|------|----------------|--------------|
|       |      | Loss     | Cost | Loss    | Cost |                |              |       |      | Loss     | Cost | Loss    | Cost |                |              |       |      | Loss     | Cost | Loss    | Cost |                |              |
| 51315 | 501  | 0.060    |      | 0.066   |      | -9.1           |              | 51359 | 503  | 0.194    |      | 0.216   |      | -10.2          |              | 51554 | 502  | 0.005    |      | 0.006   |      | -16.7          |              |
| 51315 | 502  | 0.056    |      | 0.062   |      | -9.7           |              | 51370 | 501  | 0.224    |      | 0.260   |      | -13.8          |              | 51554 | 503  | 0.003    |      | 0.003   |      | 0.0            |              |
| 51315 | 503  | 0.065    |      | 0.072   |      | -9.7           |              | 51370 | 502  | 0.208    |      | 0.239   |      | -13.0          |              | 51575 | 501  | 0.040    |      | 0.042   |      | -4.8           |              |
| 51330 | 501  | 0.052    |      | 0.057   |      | -8.8           |              | 51370 | 503  | 0.113    |      | 0.131   |      | -13.7          |              | 51575 | 502  | 0.035    |      | 0.038   |      | -7.9           |              |
| 51330 | 502  | 0.050    |      | 0.056   |      | -10.7          |              | 51380 | 501  | 0.022    |      | 0.026   |      | -15.4          |              | 51575 | 503  | 0.021    |      | 0.023   |      | -8.7           |              |
| 51330 | 503  | 0.042    |      | 0.046   |      | -8.7           |              | 51380 | 502  | 0.021    |      | 0.024   |      | -12.5          |              | 51576 | 501  | 0.101    |      | 0.116   |      | -12.9          |              |
| 51333 | 501  | 0.017    |      | 0.019   |      | -10.5          |              | 51380 | 503  | 0.011    |      | 0.013   |      | -15.4          |              | 51576 | 502  | 0.094    |      | 0.107   |      | -12.1          |              |
| 51333 | 502  | 0.017    |      | 0.018   |      | -5.6           |              | 51400 | 501  | 0.122    |      | 0.135   |      | -9.6           |              | 51576 | 503  | 0.051    |      | 0.059   |      | -13.6          |              |
| 51333 | 503  | 0.014    |      | 0.015   |      | -6.7           |              | 51400 | 502  | 0.118    |      | 0.130   |      | -9.2           |              | 51600 | 501  | 0.069    |      | 0.079   |      | -12.7          |              |
| 51340 | 501  | 0.019    |      | 0.022   |      | -13.6          |              | 51400 | 503  | 0.098    |      | 0.109   |      | -10.1          |              | 51600 | 502  | 0.064    |      | 0.073   |      | -12.3          |              |
| 51340 | 502  | 0.018    |      | 0.020   |      | -10.0          |              | 51401 | 501  | 0.180    |      | 0.198   |      | -9.1           |              | 51600 | 503  | 0.035    |      | 0.040   |      | -12.5          |              |
| 51340 | 503  | 0.010    |      | 0.011   |      | -9.1           |              | 51401 | 502  | 0.174    |      | 0.192   |      | -9.4           |              | 51613 | 501  | 0.045    |      | 0.052   |      | -13.5          |              |
| 51350 | 501  | 0.149    |      | 0.159   |      | -6.3           |              | 51401 | 503  | 0.144    |      | 0.160   |      | -10.0          |              | 51613 | 502  | 0.042    |      | 0.048   |      | -12.5          |              |
| 51350 | 502  | 0.132    |      | 0.141   |      | -6.4           |              | 51500 | 501  | 0.042    |      | 0.049   |      | -14.3          |              | 51613 | 503  | 0.023    |      | 0.026   |      | -11.5          |              |
| 51350 | 503  | 0.080    |      | 0.086   |      | -7.0           |              | 51500 | 502  | 0.039    |      | 0.045   |      | -13.3          |              | 51625 | 501  | 0.027    |      | 0.030   |      | -10.0          |              |
| 51351 | 501  | 0.133    |      | 0.142   |      | -6.3           |              | 51500 | 503  | 0.021    |      | 0.025   |      | -16.0          |              | 51625 | 502  | 0.026    |      | 0.029   |      | -10.3          |              |
| 51351 | 502  | 0.118    |      | 0.126   |      | -6.3           |              | 51516 | 501  | 0.058    |      | 0.063   |      | -7.9           |              | 51625 | 503  | 0.022    |      | 0.024   |      | -8.3           |              |
| 51351 | 503  | 0.072    |      | 0.077   |      | -6.5           |              | 51516 | 502  | 0.040    |      | 0.044   |      | -9.1           |              | 51666 | 501  | 0.063    |      | 0.067   |      | -6.0           |              |
| 51352 | 501  | 0.183    |      | 0.195   |      | -6.2           |              | 51516 | 503  | 0.034    |      | 0.038   |      | -10.5          |              | 51666 | 502  | 0.056    |      | 0.060   |      | -6.7           |              |
| 51352 | 502  | 0.162    |      | 0.173   |      | -6.4           |              | 51517 | 501  | 0.066    |      | 0.072   |      | -8.3           |              | 51666 | 503  | 0.034    |      | 0.037   |      | -8.1           |              |
| 51352 | 503  | 0.098    |      | 0.106   |      | -7.5           |              | 51517 | 502  | 0.045    |      | 0.050   |      | -10.0          |              | 51702 | 501  | 0.081    |      | 0.089   |      | -9.0           |              |
| 51355 | 501  | 0.124    |      | 0.133   |      | -6.8           |              | 51517 | 503  | 0.039    |      | 0.043   |      | -9.3           |              | 51702 | 502  | 0.078    |      | 0.086   |      | -9.3           |              |
| 51355 | 502  | 0.110    |      | 0.118   |      | -6.8           |              | 51550 | 501  | 0.052    |      | 0.060   |      | -13.3          |              | 51702 | 503  | 0.065    |      | 0.072   |      | -9.7           |              |
| 51355 | 503  | 0.067    |      | 0.072   |      | -6.9           |              | 51550 | 502  | 0.049    |      | 0.056   |      | -12.5          |              | 51703 | 501  | 0.033    |      | 0.037   |      | -10.8          |              |
| 51356 | 501  | 0.134    |      | 0.143   |      | -6.3           |              | 51550 | 503  | 0.026    |      | 0.031   |      | -16.1          |              | 51703 | 502  | 0.032    |      | 0.036   |      | -11.1          |              |
| 51356 | 502  | 0.119    |      | 0.127   |      | -6.3           |              | 51551 | 501  | 0.018    |      | 0.021   |      | -14.3          |              | 51703 | 503  | 0.027    |      | 0.030   |      | -10.0          |              |
| 51356 | 503  | 0.072    |      | 0.078   |      | -7.7           |              | 51551 | 502  | 0.017    |      | 0.019   |      | -10.5          |              | 51734 | 501  | 0.063    |      | 0.069   |      | -8.7           |              |
| 51357 | 501  | 0.085    |      | 0.094   |      | -9.6           |              | 51551 | 503  | 0.009    |      | 0.011   |      | -18.2          |              | 51734 | 502  | 0.061    |      | 0.067   |      | -9.0           |              |
| 51357 | 502  | 0.080    |      | 0.088   |      | -9.1           |              | 51552 | 501  | 0.032    |      | 0.036   |      | -11.1          |              | 51734 | 503  | 0.050    |      | 0.056   |      | -10.7          |              |
| 51357 | 503  | 0.092    |      | 0.102   |      | -9.8           |              | 51552 | 502  | 0.029    |      | 0.034   |      | -14.7          |              | 51741 | 501  | 0.120    |      | 0.137   |      | -12.4          |              |
| 51358 | 501  | 0.204    |      | 0.226   |      | -9.7           |              | 51552 | 503  | 0.016    |      | 0.018   |      | -11.1          |              | 51741 | 502  | 0.111    |      | 0.127   |      | -12.6          |              |
| 51358 | 502  | 0.193    |      | 0.213   |      | -9.4           |              | 51553 | 501  | 0.056    |      | 0.064   |      | -12.5          |              | 51741 | 503  | 0.060    |      | 0.070   |      | -14.3          |              |
| 51358 | 503  | 0.221    |      | 0.246   |      | -10.2          |              | 51553 | 502  | 0.052    |      | 0.060   |      | -13.3          |              | 51752 | 501  | 0.101    |      | 0.116   |      | -12.9          |              |
| 51359 | 501  | 0.179    |      | 0.198   |      | -9.6           |              | 51553 | 503  | 0.028    |      | 0.033   |      | -15.2          |              | 51752 | 502  | 0.094    |      | 0.107   |      | -12.1          |              |
| 51359 | 502  | 0.169    |      | 0.187   |      | -9.6           |              | 51554 | 501  | 0.005    |      | 0.006   |      | -16.7          |              | 51752 | 503  | 0.051    |      | 0.059   |      | -13.6          |              |

L - Lower Cap Applied  
 U - Upper Cap Applied  
 N - Not Subject to Capping  
 E - Subject to Capping Exception

LOSS COST PERCENT CHANGE BY CLASS

| Class | Terr | Proposed |      | Present |      | Percent Change | Capping Flag | Class | Terr | Proposed |      | Present |      | Percent Change | Capping Flag | Class | Terr | Proposed |      | Present |      | Percent Change | Capping Flag |
|-------|------|----------|------|---------|------|----------------|--------------|-------|------|----------|------|---------|------|----------------|--------------|-------|------|----------|------|---------|------|----------------|--------------|
|       |      | Loss     | Cost | Loss    | Cost |                |              |       |      | Loss     | Cost | Loss    | Cost |                |              |       |      | Loss     | Cost | Loss    | Cost |                |              |
| 51767 | 501  | 0.018    |      | 0.020   |      | -10.0          |              | 51854 | 503  | 0.145    |      | 0.161   |      | -9.9           |              | 51927 | 502  | 0.025    |      | 0.028   |      | -10.7          |              |
| 51767 | 502  | 0.016    |      | 0.017   |      | -5.9           |              | 51855 | 501  | 0.190    |      | 0.209   |      | -9.1           |              | 51927 | 503  | 0.013    |      | 0.015   |      | -13.3          |              |
| 51767 | 503  | 0.010    |      | 0.011   |      | -9.1           |              | 51855 | 502  | 0.184    |      | 0.202   |      | -8.9           |              | 51934 | 501  | 0.054    |      | 0.061   |      | -11.5          |              |
| 51777 | 501  | 0.064    |      | 0.068   |      | -5.9           |              | 51855 | 503  | 0.152    |      | 0.169   |      | -10.1          |              | 51934 | 502  | 0.050    |      | 0.057   |      | -12.3          |              |
| 51777 | 502  | 0.057    |      | 0.061   |      | -6.6           |              | 51856 | 501  | 0.104    |      | 0.115   |      | -9.6           |              | 51934 | 503  | 0.027    |      | 0.031   |      | -12.9          |              |
| 51777 | 503  | 0.034    |      | 0.037   |      | -8.1           |              | 51856 | 502  | 0.101    |      | 0.111   |      | -9.0           |              | 51941 | 501  | 0.049    |      | 0.056   |      | -12.5          |              |
| 51790 | 501  | 0.107    |      | 0.114   |      | -6.1           |              | 51856 | 503  | 0.083    |      | 0.093   |      | -10.8          |              | 51941 | 502  | 0.045    |      | 0.052   |      | -13.5          |              |
| 51790 | 502  | 0.095    |      | 0.101   |      | -5.9           |              | 51857 | 501  | 0.179    |      | 0.197   |      | -9.1           |              | 51941 | 503  | 0.025    |      | 0.028   |      | -10.7          |              |
| 51790 | 503  | 0.057    |      | 0.062   |      | -8.1           |              | 51857 | 502  | 0.173    |      | 0.190   |      | -8.9           |              | 51942 | 501  | 0.078    |      | 0.089   |      | -12.4          |              |
| 51796 | 501  | 0.044    |      | 0.050   |      | -12.0          |              | 51857 | 503  | 0.143    |      | 0.159   |      | -10.1          |              | 51942 | 502  | 0.072    |      | 0.083   |      | -13.3          |              |
| 51796 | 502  | 0.040    |      | 0.046   |      | -13.0          |              | 51869 | 501  | 0.051    |      | 0.059   |      | -13.6          |              | 51942 | 503  | 0.039    |      | 0.045   |      | -13.3          |              |
| 51796 | 503  | 0.022    |      | 0.025   |      | -12.0          |              | 51869 | 502  | 0.048    |      | 0.055   |      | -12.7          |              | 51956 | 501  | 0.210    |      | 0.241   |      | -12.9          |              |
| 51808 | 501  | 0.155    |      | 0.177   |      | -12.4          |              | 51869 | 503  | 0.026    |      | 0.030   |      | -13.3          |              | 51956 | 502  | 0.195    |      | 0.223   |      | -12.6          |              |
| 51808 | 502  | 0.144    |      | 0.165   |      | -12.7          |              | 51877 | 501  | 0.290    |      | 0.330   |      | -12.1          |              | 51956 | 503  | 0.106    |      | 0.122   |      | -13.1          |              |
| 51808 | 503  | 0.078    |      | 0.090   |      | -13.3          |              | 51877 | 502  | 0.270    |      | 0.310   |      | -12.9          |              | 51957 | 501  | 0.185    |      | 0.212   |      | -12.7          |              |
| 51809 | 501  | 0.192    |      | 0.220   |      | -12.7          |              | 51877 | 503  | 0.146    |      | 0.168   |      | -13.1          |              | 51957 | 502  | 0.172    |      | 0.197   |      | -12.7          |              |
| 51809 | 502  | 0.178    |      | 0.205   |      | -13.2          |              | 51889 | 501  | 0.048    |      | 0.054   |      | -11.1          |              | 51957 | 503  | 0.093    |      | 0.108   |      | -13.9          |              |
| 51809 | 503  | 0.097    |      | 0.112   |      | -13.4          |              | 51889 | 502  | 0.044    |      | 0.051   |      | -13.7          |              | 51958 | 501  | 0.164    |      | 0.188   |      | -12.8          |              |
| 51833 | 501  | 0.096    |      | 0.103   |      | -6.8           |              | 51889 | 503  | 0.024    |      | 0.028   |      | -14.3          |              | 51958 | 502  | 0.153    |      | 0.175   |      | -12.6          |              |
| 51833 | 502  | 0.085    |      | 0.091   |      | -6.6           |              | 51896 | 501  | 0.022    |      | 0.025   |      | -12.0          |              | 51958 | 503  | 0.083    |      | 0.096   |      | -13.5          |              |
| 51833 | 503  | 0.052    |      | 0.056   |      | -7.1           |              | 51896 | 502  | 0.021    |      | 0.024   |      | -12.5          |              | 51959 | 501  | 0.168    |      | 0.193   |      | -13.0          |              |
| 51850 | 501  | 0.126    |      | 0.139   |      | -9.4           |              | 51896 | 503  | 0.011    |      | 0.013   |      | -15.4          |              | 51959 | 502  | 0.156    |      | 0.179   |      | -12.8          |              |
| 51850 | 502  | 0.122    |      | 0.134   |      | -9.0           |              | 51900 | 501  | 0.072    |      | 0.077   |      | -6.5           |              | 51959 | 503  | 0.085    |      | 0.098   |      | -13.3          |              |
| 51850 | 503  | 0.101    |      | 0.113   |      | -10.6          |              | 51900 | 502  | 0.064    |      | 0.068   |      | -5.9           |              | 51960 | 501  | 0.022    |      | 0.025   |      | -12.0          |              |
| 51851 | 501  | 0.086    |      | 0.094   |      | -8.5           |              | 51900 | 503  | 0.039    |      | 0.042   |      | -7.1           |              | 51960 | 502  | 0.021    |      | 0.024   |      | -12.5          |              |
| 51851 | 502  | 0.083    |      | 0.091   |      | -8.8           |              | 51909 | 501  | 0.114    |      | 0.126   |      | -9.5           |              | 51960 | 503  | 0.011    |      | 0.013   |      | -15.4          |              |
| 51851 | 503  | 0.068    |      | 0.076   |      | -10.5          |              | 51909 | 502  | 0.110    |      | 0.121   |      | -9.1           |              | 51970 | 501  | 0.097    |      | 0.111   |      | -12.6          |              |
| 51852 | 501  | 0.201    |      | 0.221   |      | -9.0           |              | 51909 | 503  | 0.091    |      | 0.102   |      | -10.8          |              | 51970 | 502  | 0.090    |      | 0.103   |      | -12.6          |              |
| 51852 | 502  | 0.194    |      | 0.213   |      | -8.9           |              | 51919 | 501  | 0.048    |      | 0.055   |      | -12.7          |              | 51970 | 503  | 0.049    |      | 0.056   |      | -12.5          |              |
| 51852 | 503  | 0.160    |      | 0.179   |      | -10.6          |              | 51919 | 502  | 0.045    |      | 0.051   |      | -11.8          |              | 51982 | 501  | 0.028    |      | 0.033   |      | -15.2          |              |
| 51853 | 501  | 0.081    |      | 0.089   |      | -9.0           |              | 51919 | 503  | 0.024    |      | 0.028   |      | -14.3          |              | 51982 | 502  | 0.026    |      | 0.030   |      | -13.3          |              |
| 51853 | 502  | 0.078    |      | 0.086   |      | -9.3           |              | 51926 | 501  | 0.049    |      | 0.056   |      | -12.5          |              | 51982 | 503  | 0.014    |      | 0.017   |      | -17.6          |              |
| 51853 | 503  | 0.065    |      | 0.072   |      | -9.7           |              | 51926 | 502  | 0.045    |      | 0.052   |      | -13.5          |              | 51985 | 501  | 0.054    |      | 0.059   |      | -8.5           |              |
| 51854 | 501  | 0.181    |      | 0.199   |      | -9.0           |              | 51926 | 503  | 0.025    |      | 0.028   |      | -10.7          |              | 51985 | 502  | 0.037    |      | 0.041   |      | -9.8           |              |
| 51854 | 502  | 0.175    |      | 0.193   |      | -9.3           |              | 51927 | 501  | 0.026    |      | 0.030   |      | -13.3          |              | 51985 | 503  | 0.032    |      | 0.035   |      | -8.6           |              |

L - Lower Cap Applied  
 U - Upper Cap Applied  
 N - Not Subject to Capping  
 E - Subject to Capping Exception

LOSS COST PERCENT CHANGE BY CLASS

| Class | Terr | Proposed |      | Present |      | Percent Change | Capping Flag | Class | Terr | Proposed |      | Present |      | Percent Change | Capping Flag | Class | Terr | Proposed |      | Present |      | Percent Change | Capping Flag |
|-------|------|----------|------|---------|------|----------------|--------------|-------|------|----------|------|---------|------|----------------|--------------|-------|------|----------|------|---------|------|----------------|--------------|
|       |      | Loss     | Cost | Loss    | Cost |                |              |       |      | Loss     | Cost | Loss    | Cost |                |              |       |      | Loss     | Cost | Loss    | Cost |                |              |
| 51986 | 501  | 0.112    |      | 0.128   |      | -12.5          |              | 52342 | 503  | 0.057    |      | 0.063   |      | -9.5           |              | 52547 | 502  | 0.112    |      | 0.123   |      | -8.9           |              |
| 51986 | 502  | 0.104    |      | 0.119   |      | -12.6          |              | 52343 | 501  | 0.043    |      | 0.048   |      | -10.4          |              | 52547 | 503  | 0.093    |      | 0.103   |      | -9.7           |              |
| 51986 | 503  | 0.056    |      | 0.065   |      | -13.8          |              | 52343 | 502  | 0.042    |      | 0.046   |      | -8.7           |              | 52581 | 501  | 0.530    |      | 0.610   |      | -13.1          |              |
| 51999 | 501  | 0.047    |      | 0.054   |      | -13.0          |              | 52343 | 503  | 0.035    |      | 0.038   |      | -7.9           |              | 52581 | 502  | 0.490    |      | 0.560   |      | -12.5          |              |
| 51999 | 502  | 0.044    |      | 0.050   |      | -12.0          |              | 52401 | 501  | 0.134    |      | 0.147   |      | -8.8           |              | 52581 | 503  | 0.270    |      | 0.310   |      | -12.9          |              |
| 51999 | 503  | 0.024    |      | 0.027   |      | -11.1          |              | 52401 | 502  | 0.129    |      | 0.142   |      | -9.2           |              | 52619 | 501  | 0.037    |      | 0.043   |      | -14.0          |              |
| 52002 | 501  | 0.041    |      | 0.047   |      | -12.8          |              | 52401 | 503  | 0.107    |      | 0.119   |      | -10.1          |              | 52619 | 502  | 0.034    |      | 0.039   |      | -12.8          |              |
| 52002 | 502  | 0.038    |      | 0.044   |      | -13.6          |              | 52402 | 501  | 0.010    |      | 0.012   |      | -16.7          |              | 52619 | 503  | 0.019    |      | 0.022   |      | -13.6          |              |
| 52002 | 503  | 0.021    |      | 0.024   |      | -12.5          |              | 52402 | 502  | 0.010    |      | 0.011   |      | -9.1           |              | 52660 | 501  | 0.069    |      | 0.075   |      | -8.0           |              |
| 52075 | 501  | 0.100    |      | 0.110   |      | -9.1           |              | 52402 | 503  | 0.005    |      | 0.006   |      | -16.7          |              | 52660 | 502  | 0.048    |      | 0.052   |      | -7.7           |              |
| 52075 | 502  | 0.096    |      | 0.106   |      | -9.4           |              | 52432 | 501  | 0.052    |      | 0.059   |      | -11.9          |              | 52660 | 503  | 0.041    |      | 0.045   |      | -8.9           |              |
| 52075 | 503  | 0.080    |      | 0.089   |      | -10.1          |              | 52432 | 502  | 0.048    |      | 0.055   |      | -12.7          |              | 52744 | 501  | 0.370    |      | 0.390   |      | -5.1           |              |
| 52076 | 501  | 0.120    |      | 0.132   |      | -9.1           |              | 52432 | 503  | 0.026    |      | 0.030   |      | -13.3          |              | 52744 | 502  | 0.330    |      | 0.350   |      | -5.7           |              |
| 52076 | 502  | 0.116    |      | 0.128   |      | -9.4           |              | 52433 | 501  | 0.047    |      | 0.054   |      | -13.0          |              | 52744 | 503  | 0.198    |      | 0.214   |      | -7.5           |              |
| 52076 | 503  | 0.096    |      | 0.107   |      | -10.3          |              | 52433 | 502  | 0.044    |      | 0.050   |      | -12.0          |              | 52767 | 501  | 0.106    |      | 0.117   |      | -9.4           |              |
| 52109 | 501  | 0.010    |      | 0.012   |      | -16.7          |              | 52433 | 503  | 0.024    |      | 0.028   |      | -14.3          |              | 52767 | 502  | 0.102    |      | 0.113   |      | -9.7           |              |
| 52109 | 502  | 0.010    |      | 0.011   |      | -9.1           |              | 52435 | 501  | 0.059    |      | 0.068   |      | -13.2          |              | 52767 | 503  | 0.085    |      | 0.094   |      | -9.6           |              |
| 52109 | 503  | 0.005    |      | 0.006   |      | -16.7          |              | 52435 | 502  | 0.055    |      | 0.063   |      | -12.7          |              | 52911 | 501  | 0.030    |      | 0.034   |      | -11.8          |              |
| 52134 | 501  | 0.138    |      | 0.159   |      | -13.2          |              | 52435 | 503  | 0.030    |      | 0.035   |      | -14.3          |              | 52911 | 502  | 0.027    |      | 0.031   |      | -12.9          |              |
| 52134 | 502  | 0.129    |      | 0.147   |      | -12.2          |              | 52438 | 501  | 0.043    |      | 0.049   |      | -12.2          |              | 52911 | 503  | 0.015    |      | 0.017   |      | -11.8          |              |
| 52134 | 503  | 0.070    |      | 0.081   |      | -13.6          |              | 52438 | 502  | 0.040    |      | 0.046   |      | -13.0          |              | 52967 | 501  | 0.011    |      | 0.013   |      | -15.4          |              |
| 52137 | 501  | 0.039    |      | 0.043   |      | -9.3           |              | 52438 | 503  | 0.022    |      | 0.025   |      | -12.0          |              | 52967 | 502  | 0.010    |      | 0.012   |      | -16.7          |              |
| 52137 | 502  | 0.038    |      | 0.042   |      | -9.5           |              | 52440 | 501  | 0.067    |      | 0.077   |      | -13.0          |              | 52967 | 503  | 0.006    |      | 0.006   |      | 0.0            |              |
| 52137 | 503  | 0.031    |      | 0.035   |      | -11.4          |              | 52440 | 502  | 0.063    |      | 0.072   |      | -12.5          |              | 53001 | 501  | 0.109    |      | 0.124   |      | -12.1          |              |
| 52150 | 501  | 0.250    |      | 0.290   |      | -13.8          |              | 52440 | 503  | 0.034    |      | 0.039   |      | -12.8          |              | 53001 | 502  | 0.101    |      | 0.116   |      | -12.9          |              |
| 52150 | 502  | 0.237    |      | 0.270   |      | -12.2          |              | 52467 | 501  | 0.062    |      | 0.071   |      | -12.7          |              | 53001 | 503  | 0.055    |      | 0.063   |      | -12.7          |              |
| 52150 | 503  | 0.129    |      | 0.148   |      | -12.8          |              | 52467 | 502  | 0.058    |      | 0.066   |      | -12.1          |              | 53077 | 501  | 0.052    |      | 0.060   |      | -13.3          |              |
| 52315 | 501  | 0.084    |      | 0.089   |      | -5.6           |              | 52467 | 503  | 0.031    |      | 0.036   |      | -13.9          |              | 53077 | 502  | 0.048    |      | 0.056   |      | -14.3          |              |
| 52315 | 502  | 0.074    |      | 0.079   |      | -6.3           |              | 52469 | 501  | 0.022    |      | 0.025   |      | -12.0          |              | 53077 | 503  | 0.026    |      | 0.030   |      | -13.3          |              |
| 52315 | 503  | 0.045    |      | 0.049   |      | -8.2           |              | 52469 | 502  | 0.020    |      | 0.023   |      | -13.0          |              | 53095 | 501  | 0.036    |      | 0.041   |      | -12.2          |              |
| 52341 | 501  | 0.024    |      | 0.027   |      | -11.1          |              | 52469 | 503  | 0.011    |      | 0.013   |      | -15.4          |              | 53095 | 502  | 0.033    |      | 0.038   |      | -13.2          |              |
| 52341 | 502  | 0.024    |      | 0.026   |      | -7.7           |              | 52505 | 501  | 0.108    |      | 0.124   |      | -12.9          |              | 53095 | 503  | 0.018    |      | 0.021   |      | -14.3          |              |
| 52341 | 503  | 0.020    |      | 0.022   |      | -9.1           |              | 52505 | 502  | 0.101    |      | 0.115   |      | -12.2          |              | 53096 | 501  | 0.050    |      | 0.057   |      | -12.3          |              |
| 52342 | 501  | 0.071    |      | 0.078   |      | -9.0           |              | 52505 | 503  | 0.055    |      | 0.063   |      | -12.7          |              | 53096 | 502  | 0.046    |      | 0.053   |      | -13.2          |              |
| 52342 | 502  | 0.069    |      | 0.075   |      | -8.0           |              | 52547 | 501  | 0.116    |      | 0.128   |      | -9.4           |              | 53096 | 503  | 0.025    |      | 0.029   |      | -13.8          |              |

L - Lower Cap Applied  
 U - Upper Cap Applied  
 N - Not Subject to Capping  
 E - Subject to Capping Exception

LOSS COST PERCENT CHANGE BY CLASS

| Class | Terr | Proposed |      | Present |      | Percent Change | Capping Flag | Class | Terr | Proposed |      | Present |      | Percent Change | Capping Flag | Class | Terr | Proposed |      | Present |      | Percent Change | Capping Flag |
|-------|------|----------|------|---------|------|----------------|--------------|-------|------|----------|------|---------|------|----------------|--------------|-------|------|----------|------|---------|------|----------------|--------------|
|       |      | Loss     | Cost | Loss    | Cost |                |              |       |      | Loss     | Cost | Loss    | Cost |                |              |       |      | Loss     | Cost | Loss    | Cost |                |              |
| 53121 | 501  | 0.142    |      | 0.162   |      | -12.3          |              | 53565 | 503  | 0.033    |      | 0.036   |      | -8.3           |              | 55011 | 502  | 0.054    |      | 0.062   |      | -12.9          |              |
| 53121 | 502  | 0.131    |      | 0.151   |      | -13.2          |              | 53631 | 501  | 0.016    |      | 0.019   |      | -15.8          |              | 55011 | 503  | 0.029    |      | 0.034   |      | -14.7          |              |
| 53121 | 503  | 0.071    |      | 0.082   |      | -13.4          |              | 53631 | 502  | 0.015    |      | 0.017   |      | -11.8          |              | 55012 | 501  | 0.069    |      | 0.079   |      | -12.7          |              |
| 53147 | 501  | 0.018    |      | 0.020   |      | -10.0          |              | 53631 | 503  | 0.008    |      | 0.010   |      | -20.0          |              | 55012 | 502  | 0.064    |      | 0.074   |      | -13.5          |              |
| 53147 | 502  | 0.017    |      | 0.019   |      | -10.5          |              | 53632 | 501  | 0.019    |      | 0.022   |      | -13.6          |              | 55012 | 503  | 0.035    |      | 0.040   |      | -12.5          |              |
| 53147 | 503  | 0.014    |      | 0.016   |      | -12.5          |              | 53632 | 502  | 0.018    |      | 0.020   |      | -10.0          |              | 55013 | 501  | 0.084    |      | 0.092   |      | -8.7           |              |
| 53229 | 501  | 0.100    |      | 0.110   |      | -9.1           |              | 53632 | 503  | 0.010    |      | 0.011   |      | -9.1           |              | 55013 | 502  | 0.081    |      | 0.089   |      | -9.0           |              |
| 53229 | 502  | 0.097    |      | 0.107   |      | -9.3           |              | 53731 | 501  | 0.017    |      | 0.020   |      | -15.0          |              | 55013 | 503  | 0.067    |      | 0.075   |      | -10.7          |              |
| 53229 | 503  | 0.080    |      | 0.089   |      | -10.1          |              | 53731 | 502  | 0.016    |      | 0.018   |      | -11.1          |              | 55214 | 501  | 0.056    |      | 0.064   |      | -12.5          |              |
| 53271 | 501  | 0.027    |      | 0.031   |      | -12.9          |              | 53731 | 503  | 0.009    |      | 0.010   |      | -10.0          |              | 55214 | 502  | 0.052    |      | 0.060   |      | -13.3          |              |
| 53271 | 502  | 0.025    |      | 0.028   |      | -10.7          |              | 53732 | 501  | 0.118    |      | 0.135   |      | -12.6          |              | 55214 | 503  | 0.028    |      | 0.033   |      | -15.2          |              |
| 53271 | 503  | 0.013    |      | 0.016   |      | -18.8          |              | 53732 | 502  | 0.110    |      | 0.126   |      | -12.7          |              | 55371 | 501  | 0.248    |      | 0.260   |      | -4.6           |              |
| 53333 | 501  | 0.099    |      | 0.109   |      | -9.2           |              | 53732 | 503  | 0.060    |      | 0.069   |      | -13.0          |              | 55371 | 502  | 0.220    |      | 0.235   |      | -6.4           |              |
| 53333 | 502  | 0.095    |      | 0.105   |      | -9.5           |              | 53733 | 501  | 0.077    |      | 0.088   |      | -12.5          |              | 55371 | 503  | 0.133    |      | 0.144   |      | -7.6           |              |
| 53333 | 503  | 0.079    |      | 0.088   |      | -10.2          |              | 53733 | 502  | 0.071    |      | 0.082   |      | -13.4          |              | 55426 | 501  | 0.102    |      | 0.112   |      | -8.9           |              |
| 53374 | 501  | 0.097    |      | 0.104   |      | -6.7           |              | 53733 | 503  | 0.039    |      | 0.045   |      | -13.3          |              | 55426 | 502  | 0.099    |      | 0.108   |      | -8.3           |              |
| 53374 | 502  | 0.086    |      | 0.092   |      | -6.5           |              | 53734 | 501  | 0.350    |      | 0.380   |      | -7.9           |              | 55426 | 503  | 0.081    |      | 0.091   |      | -11.0          |              |
| 53374 | 503  | 0.052    |      | 0.056   |      | -7.1           |              | 53734 | 502  | 0.240    |      | 0.260   |      | -7.7           |              | 55597 | 501  | 0.014    |      | 0.016   |      | -12.5          |              |
| 53375 | 501  | 0.051    |      | 0.055   |      | -7.3           |              | 53734 | 503  | 0.206    |      | 0.227   |      | -9.3           |              | 55597 | 502  | 0.013    |      | 0.015   |      | -13.3          |              |
| 53375 | 502  | 0.046    |      | 0.049   |      | -6.1           |              | 53803 | 501  | 0.222    |      | 0.244   |      | -9.0           |              | 55597 | 503  | 0.007    |      | 0.008   |      | -12.5          |              |
| 53375 | 503  | 0.028    |      | 0.030   |      | -6.7           |              | 53803 | 502  | 0.214    |      | 0.236   |      | -9.3           |              | 55647 | 501  | 0.028    |      | 0.032   |      | -12.5          |              |
| 53376 | 501  | 0.083    |      | 0.088   |      | -5.7           |              | 53803 | 503  | 0.177    |      | 0.197   |      | -10.2          |              | 55647 | 502  | 0.026    |      | 0.030   |      | -13.3          |              |
| 53376 | 502  | 0.073    |      | 0.078   |      | -6.4           |              | 53907 | 501  | 0.052    |      | 0.060   |      | -13.3          |              | 55647 | 503  | 0.014    |      | 0.016   |      | -12.5          |              |
| 53376 | 503  | 0.044    |      | 0.048   |      | -8.3           |              | 53907 | 502  | 0.048    |      | 0.055   |      | -12.7          |              | 55648 | 501  | 0.013    |      | 0.015   |      | -13.3          |              |
| 53377 | 501  | 0.084    |      | 0.090   |      | -6.7           |              | 53907 | 503  | 0.026    |      | 0.030   |      | -13.3          |              | 55648 | 502  | 0.012    |      | 0.013   |      | -7.7           |              |
| 53377 | 502  | 0.075    |      | 0.080   |      | -6.3           |              | 54012 | 501  | 0.035    |      | 0.038   |      | -7.9           |              | 55648 | 503  | 0.006    |      | 0.007   |      | -14.3          |              |
| 53377 | 503  | 0.045    |      | 0.049   |      | -8.2           |              | 54012 | 502  | 0.024    |      | 0.026   |      | -7.7           |              | 55649 | 501  | 0.015    |      | 0.017   |      | -11.8          |              |
| 53403 | 501  | 0.053    |      | 0.057   |      | -7.0           |              | 54012 | 503  | 0.021    |      | 0.023   |      | -8.7           |              | 55649 | 502  | 0.014    |      | 0.016   |      | -12.5          |              |
| 53403 | 502  | 0.047    |      | 0.051   |      | -7.8           |              | 54077 | 501  | 0.071    |      | 0.081   |      | -12.3          |              | 55649 | 503  | 0.008    |      | 0.009   |      | -11.1          |              |
| 53403 | 503  | 0.029    |      | 0.031   |      | -6.5           |              | 54077 | 502  | 0.066    |      | 0.076   |      | -13.2          |              | 55715 | 501  | 0.111    |      | 0.127   |      | -12.6          |              |
| 53425 | 501  | 0.093    |      | 0.102   |      | -8.8           |              | 54077 | 503  | 0.036    |      | 0.041   |      | -12.2          |              | 55715 | 502  | 0.103    |      | 0.118   |      | -12.7          |              |
| 53425 | 502  | 0.090    |      | 0.099   |      | -9.1           |              | 55010 | 501  | 0.215    |      | 0.246   |      | -12.6          |              | 55715 | 503  | 0.056    |      | 0.065   |      | -13.8          |              |
| 53425 | 503  | 0.074    |      | 0.083   |      | -10.8          |              | 55010 | 502  | 0.199    |      | 0.228   |      | -12.7          |              | 55716 | 501  | 0.161    |      | 0.184   |      | -12.5          |              |
| 53565 | 501  | 0.062    |      | 0.066   |      | -6.1           |              | 55010 | 503  | 0.108    |      | 0.125   |      | -13.6          |              | 55716 | 502  | 0.149    |      | 0.171   |      | -12.9          |              |
| 53565 | 502  | 0.055    |      | 0.059   |      | -6.8           |              | 55011 | 501  | 0.058    |      | 0.066   |      | -12.1          |              | 55716 | 503  | 0.081    |      | 0.094   |      | -13.8          |              |

L - Lower Cap Applied  
 U - Upper Cap Applied  
 N - Not Subject to Capping  
 E - Subject to Capping Exception



LOSS COST PERCENT CHANGE BY CLASS

| Class | Terr | Proposed |      | Present |      | Percent Change | Capping Flag | Class | Terr | Proposed |      | Present |      | Percent Change | Capping Flag | Class | Terr | Proposed |      | Present |      | Percent Change | Capping Flag |
|-------|------|----------|------|---------|------|----------------|--------------|-------|------|----------|------|---------|------|----------------|--------------|-------|------|----------|------|---------|------|----------------|--------------|
|       |      | Loss     | Cost | Loss    | Cost |                |              |       |      | Loss     | Cost | Loss    | Cost |                |              |       |      | Loss     | Cost | Loss    | Cost |                |              |
| 55717 | 501  | 0.135    |      | 0.148   |      | -8.8           |              | 56390 | 503  | 0.035    |      | 0.040   |      | -12.5          |              | 56758 | 502  | 0.035    |      | 0.040   |      | -12.5          |              |
| 55717 | 502  | 0.130    |      | 0.143   |      | -9.1           |              | 56391 | 501  | 0.059    |      | 0.068   |      | -13.2          |              | 56758 | 503  | 0.019    |      | 0.022   |      | -13.6          |              |
| 55717 | 503  | 0.108    |      | 0.120   |      | -10.0          |              | 56391 | 502  | 0.055    |      | 0.063   |      | -12.7          |              | 56759 | 501  | 0.038    |      | 0.044   |      | -13.6          |              |
| 55718 | 501  | 0.131    |      | 0.144   |      | -9.0           |              | 56391 | 503  | 0.030    |      | 0.035   |      | -14.3          |              | 56759 | 502  | 0.035    |      | 0.041   |      | -14.6          |              |
| 55718 | 502  | 0.126    |      | 0.139   |      | -9.4           |              | 56427 | 501  | 0.096    |      | 0.109   |      | -11.9          |              | 56759 | 503  | 0.019    |      | 0.022   |      | -13.6          |              |
| 55718 | 503  | 0.104    |      | 0.116   |      | -10.3          |              | 56427 | 502  | 0.089    |      | 0.102   |      | -12.7          |              | 56760 | 501  | 0.055    |      | 0.063   |      | -12.7          |              |
| 55802 | 501  | 0.064    |      | 0.068   |      | -5.9           |              | 56427 | 503  | 0.048    |      | 0.056   |      | -14.3          |              | 56760 | 502  | 0.051    |      | 0.058   |      | -12.1          |              |
| 55802 | 502  | 0.057    |      | 0.061   |      | -6.6           |              | 56488 | 501  | 0.107    |      | 0.114   |      | -6.1           |              | 56760 | 503  | 0.028    |      | 0.032   |      | -12.5          |              |
| 55802 | 503  | 0.034    |      | 0.037   |      | -8.1           |              | 56488 | 502  | 0.095    |      | 0.101   |      | -5.9           |              | 56805 | 501  | 0.072    |      | 0.083   |      | -13.3          |              |
| 55918 | 501  | 0.064    |      | 0.073   |      | -12.3          |              | 56488 | 503  | 0.057    |      | 0.062   |      | -8.1           |              | 56805 | 502  | 0.067    |      | 0.077   |      | -13.0          |              |
| 55918 | 502  | 0.059    |      | 0.068   |      | -13.2          |              | 56567 | 501  | 0.095    |      | 0.104   |      | -8.7           |              | 56805 | 503  | 0.036    |      | 0.042   |      | -14.3          |              |
| 55918 | 503  | 0.032    |      | 0.037   |      | -13.5          |              | 56567 | 502  | 0.091    |      | 0.101   |      | -9.9           |              | 56806 | 501  | 0.051    |      | 0.059   |      | -13.6          |              |
| 55919 | 501  | 0.009    |      | 0.010   |      | -10.0          |              | 56567 | 503  | 0.076    |      | 0.084   |      | -9.5           |              | 56806 | 502  | 0.047    |      | 0.054   |      | -13.0          |              |
| 55919 | 502  | 0.008    |      | 0.009   |      | -11.1          |              | 56650 | 501  | 0.290    |      | 0.320   |      | -9.4           |              | 56806 | 503  | 0.026    |      | 0.030   |      | -13.3          |              |
| 55919 | 503  | 0.004    |      | 0.005   |      | -20.0          |              | 56650 | 502  | 0.280    |      | 0.310   |      | -9.7           |              | 56807 | 501  | 0.051    |      | 0.058   |      | -12.1          |              |
| 56040 | 501  | 0.006    |      | 0.007   |      | -14.3          |              | 56650 | 503  | 0.231    |      | 0.260   |      | -11.2          |              | 56807 | 502  | 0.047    |      | 0.054   |      | -13.0          |              |
| 56040 | 502  | 0.006    |      | 0.006   |      | 0.0            |              | 56651 | 501  | 0.157    |      | 0.173   |      | -9.2           |              | 56807 | 503  | 0.026    |      | 0.029   |      | -10.3          |              |
| 56040 | 503  | 0.003    |      | 0.003   |      | 0.0            |              | 56651 | 502  | 0.152    |      | 0.167   |      | -9.0           |              | 56808 | 501  | 0.066    |      | 0.076   |      | -13.2          |              |
| 56041 | 501  | 0.040    |      | 0.045   |      | -11.1          |              | 56651 | 503  | 0.126    |      | 0.140   |      | -10.0          |              | 56808 | 502  | 0.061    |      | 0.070   |      | -12.9          |              |
| 56041 | 502  | 0.037    |      | 0.042   |      | -11.9          |              | 56652 | 501  | 0.113    |      | 0.124   |      | -8.9           |              | 56808 | 503  | 0.033    |      | 0.039   |      | -15.4          |              |
| 56041 | 503  | 0.020    |      | 0.023   |      | -13.0          |              | 56652 | 502  | 0.109    |      | 0.120   |      | -9.2           |              | 56900 | 501  | 0.064    |      | 0.073   |      | -12.3          |              |
| 56042 | 501  | 0.050    |      | 0.057   |      | -12.3          |              | 56652 | 503  | 0.090    |      | 0.100   |      | -10.0          |              | 56900 | 502  | 0.059    |      | 0.068   |      | -13.2          |              |
| 56042 | 502  | 0.046    |      | 0.053   |      | -13.2          |              | 56653 | 501  | 0.109    |      | 0.119   |      | -8.4           |              | 56900 | 503  | 0.032    |      | 0.037   |      | -13.5          |              |
| 56042 | 503  | 0.025    |      | 0.029   |      | -13.8          |              | 56653 | 502  | 0.105    |      | 0.115   |      | -8.7           |              | 56910 | 501  | 0.032    |      | 0.036   |      | -11.1          |              |
| 56170 | 501  | 0.091    |      | 0.101   |      | -9.9           |              | 56653 | 503  | 0.087    |      | 0.097   |      | -10.3          |              | 56910 | 502  | 0.029    |      | 0.034   |      | -14.7          |              |
| 56170 | 502  | 0.088    |      | 0.097   |      | -9.3           |              | 56654 | 501  | 0.055    |      | 0.061   |      | -9.8           |              | 56910 | 503  | 0.016    |      | 0.019   |      | -15.8          |              |
| 56170 | 503  | 0.073    |      | 0.081   |      | -9.9           |              | 56654 | 502  | 0.054    |      | 0.059   |      | -8.5           |              | 56911 | 501  | 0.082    |      | 0.090   |      | -8.9           |              |
| 56171 | 501  | 0.045    |      | 0.049   |      | -8.2           |              | 56654 | 503  | 0.044    |      | 0.049   |      | -10.2          |              | 56911 | 502  | 0.079    |      | 0.087   |      | -9.2           |              |
| 56171 | 502  | 0.043    |      | 0.048   |      | -10.4          |              | 56690 | 501  | 0.055    |      | 0.059   |      | -6.8           |              | 56911 | 503  | 0.065    |      | 0.073   |      | -11.0          |              |
| 56171 | 503  | 0.036    |      | 0.040   |      | -10.0          |              | 56690 | 502  | 0.049    |      | 0.052   |      | -5.8           |              | 56912 | 501  | 0.066    |      | 0.073   |      | -9.6           |              |
| 56202 | 501  | 0.040    |      | 0.045   |      | -11.1          |              | 56690 | 503  | 0.030    |      | 0.032   |      | -6.3           |              | 56912 | 502  | 0.064    |      | 0.070   |      | -8.6           |              |
| 56202 | 502  | 0.037    |      | 0.042   |      | -11.9          |              | 56699 | 501  | 0.044    |      | 0.050   |      | -12.0          |              | 56912 | 503  | 0.053    |      | 0.059   |      | -10.2          |              |
| 56202 | 503  | 0.020    |      | 0.023   |      | -13.0          |              | 56699 | 502  | 0.041    |      | 0.047   |      | -12.8          |              | 56913 | 501  | 0.054    |      | 0.059   |      | -8.5           |              |
| 56390 | 501  | 0.069    |      | 0.079   |      | -12.7          |              | 56699 | 503  | 0.022    |      | 0.026   |      | -15.4          |              | 56913 | 502  | 0.052    |      | 0.057   |      | -8.8           |              |
| 56390 | 502  | 0.064    |      | 0.074   |      | -13.5          |              | 56758 | 501  | 0.037    |      | 0.043   |      | -14.0          |              | 56913 | 503  | 0.043    |      | 0.048   |      | -10.4          |              |

L - Lower Cap Applied  
 U - Upper Cap Applied  
 N - Not Subject to Capping  
 E - Subject to Capping Exception

LOSS COST PERCENT CHANGE BY CLASS

| Class | Terr | Proposed | Present | Percent | Capping | Class | Terr | Proposed | Present | Percent | Capping | Class | Terr | Proposed | Present | Percent | Capping |
|-------|------|----------|---------|---------|---------|-------|------|----------|---------|---------|---------|-------|------|----------|---------|---------|---------|
|       |      | Loss     | Cost    | Change  | Flag    |       |      | Loss     | Cost    | Change  | Flag    |       |      | Loss     | Cost    | Change  | Flag    |
| 56915 | 501  | 0.320    | 0.350   | -8.6    |         | 57202 | 503  | 0.025    | 0.028   | -10.7   |         | 57716 | 502  | 0.029    | 0.032   | -9.4    |         |
| 56915 | 502  | 0.310    | 0.340   | -8.8    |         | 57257 | 501  | 0.061    | 0.070   | -12.9   |         | 57716 | 503  | 0.024    | 0.027   | -11.1   |         |
| 56915 | 503  | 0.250    | 0.280   | -10.7   |         | 57257 | 502  | 0.056    | 0.065   | -13.8   |         | 57725 | 501  | 0.066    | 0.073   | -9.6    |         |
| 56916 | 501  | 0.290    | 0.320   | -9.4    |         | 57257 | 503  | 0.031    | 0.035   | -11.4   |         | 57725 | 502  | 0.064    | 0.070   | -8.6    |         |
| 56916 | 502  | 0.280    | 0.310   | -9.7    |         | 57401 | 501  | 0.034    | 0.039   | -12.8   |         | 57725 | 503  | 0.053    | 0.059   | -10.2   |         |
| 56916 | 503  | 0.230    | 0.260   | -11.5   |         | 57401 | 502  | 0.032    | 0.037   | -13.5   |         | 57726 | 501  | 0.051    | 0.057   | -10.5   |         |
| 56917 | 501  | 0.083    | 0.092   | -9.8    |         | 57401 | 503  | 0.017    | 0.020   | -15.0   |         | 57726 | 502  | 0.050    | 0.055   | -9.1    |         |
| 56917 | 502  | 0.080    | 0.089   | -10.1   |         | 57403 | 501  | 0.131    | 0.140   | -6.4    |         | 57726 | 503  | 0.041    | 0.046   | -10.9   |         |
| 56917 | 503  | 0.066    | 0.074   | -10.8   |         | 57403 | 502  | 0.117    | 0.124   | -5.6    |         | 57798 | 501  | 0.016    | 0.018   | -11.1   |         |
| 56918 | 501  | 0.040    | 0.044   | -9.1    |         | 57403 | 503  | 0.071    | 0.076   | -6.6    |         | 57798 | 502  | 0.015    | 0.017   | -11.8   |         |
| 56918 | 502  | 0.039    | 0.043   | -9.3    |         | 57410 | 501  | 0.017    | 0.019   | -10.5   |         | 57798 | 503  | 0.008    | 0.009   | -11.1   |         |
| 56918 | 503  | 0.032    | 0.036   | -11.1   |         | 57410 | 502  | 0.015    | 0.018   | -16.7   |         | 57800 | 501  | 0.059    | 0.067   | -11.9   |         |
| 56919 | 501  | 0.102    | 0.112   | -8.9    |         | 57410 | 503  | 0.008    | 0.010   | -20.0   |         | 57800 | 502  | 0.055    | 0.063   | -12.7   |         |
| 56919 | 502  | 0.099    | 0.108   | -8.3    |         | 57411 | 501  | 0.023    | 0.025   | -8.0    |         | 57800 | 503  | 0.030    | 0.034   | -11.8   |         |
| 56919 | 503  | 0.081    | 0.091   | -11.0   |         | 57411 | 502  | 0.022    | 0.024   | -8.3    |         | 57808 | 501  | 0.025    | 0.028   | -10.7   |         |
| 56920 | 501  | 0.093    | 0.102   | -8.8    |         | 57411 | 503  | 0.018    | 0.020   | -10.0   |         | 57808 | 502  | 0.024    | 0.027   | -11.1   |         |
| 56920 | 502  | 0.090    | 0.099   | -9.1    |         | 57572 | 501  | 0.010    | 0.011   | -9.1    |         | 57808 | 503  | 0.020    | 0.023   | -13.0   |         |
| 56920 | 503  | 0.074    | 0.083   | -10.8   |         | 57572 | 502  | 0.009    | 0.010   | -10.0   |         | 57809 | 501  | 0.026    | 0.029   | -10.3   |         |
| 56980 | 501  | 0.055    | 0.063   | -12.7   |         | 57572 | 503  | 0.005    | 0.006   | -16.7   |         | 57809 | 502  | 0.025    | 0.028   | -10.7   |         |
| 56980 | 502  | 0.051    | 0.059   | -13.6   |         | 57600 | 501  | 0.029    | 0.033   | -12.1   |         | 57809 | 503  | 0.021    | 0.023   | -8.7    |         |
| 56980 | 503  | 0.028    | 0.032   | -12.5   |         | 57600 | 502  | 0.027    | 0.031   | -12.9   |         | 57810 | 501  | 0.025    | 0.028   | -10.7   |         |
| 57001 | 501  | 0.019    | 0.022   | -13.6   |         | 57600 | 503  | 0.015    | 0.017   | -11.8   |         | 57810 | 502  | 0.024    | 0.027   | -11.1   |         |
| 57001 | 502  | 0.018    | 0.020   | -10.0   |         | 57611 | 501  | 0.049    | 0.054   | -9.3    |         | 57810 | 503  | 0.020    | 0.023   | -13.0   |         |
| 57001 | 503  | 0.010    | 0.011   | -9.1    |         | 57611 | 502  | 0.047    | 0.052   | -9.6    |         | 57871 | 501  | 0.030    | 0.033   | -9.1    |         |
| 57002 | 501  | 0.012    | 0.014   | -14.3   |         | 57611 | 503  | 0.039    | 0.044   | -11.4   |         | 57871 | 502  | 0.029    | 0.032   | -9.4    |         |
| 57002 | 502  | 0.011    | 0.013   | -15.4   |         | 57625 | 501  | 0.260    | 0.290   | -10.3   |         | 57871 | 503  | 0.024    | 0.027   | -11.1   |         |
| 57002 | 503  | 0.006    | 0.007   | -14.3   |         | 57625 | 502  | 0.238    | 0.270   | -11.9   |         | 57913 | 501  | 0.076    | 0.087   | -12.6   |         |
| 57090 | 501  | 0.149    | 0.164   | -9.1    |         | 57625 | 503  | 0.129    | 0.149   | -13.4   |         | 57913 | 502  | 0.071    | 0.081   | -12.3   |         |
| 57090 | 502  | 0.144    | 0.159   | -9.4    |         | 57651 | 501  | 0.031    | 0.036   | -13.9   |         | 57913 | 503  | 0.038    | 0.044   | -13.6   |         |
| 57090 | 503  | 0.119    | 0.133   | -10.5   |         | 57651 | 502  | 0.029    | 0.033   | -12.1   |         | 57997 | 501  | 0.077    | 0.084   | -8.3    |         |
| 57146 | 501  | 0.095    | 0.104   | -8.7    |         | 57651 | 503  | 0.016    | 0.018   | -11.1   |         | 57997 | 502  | 0.053    | 0.058   | -8.6    |         |
| 57146 | 502  | 0.091    | 0.101   | -9.9    |         | 57690 | 501  | 0.064    | 0.070   | -8.6    |         | 57997 | 503  | 0.046    | 0.050   | -8.0    |         |
| 57146 | 503  | 0.076    | 0.084   | -9.5    |         | 57690 | 502  | 0.061    | 0.068   | -10.3   |         | 57998 | 501  | 0.034    | 0.039   | -12.8   |         |
| 57202 | 501  | 0.049    | 0.056   | -12.5   |         | 57690 | 503  | 0.051    | 0.057   | -10.5   |         | 57998 | 502  | 0.031    | 0.036   | -13.9   |         |
| 57202 | 502  | 0.045    | 0.052   | -13.5   |         | 57716 | 501  | 0.030    | 0.033   | -9.1    |         | 57998 | 503  | 0.017    | 0.020   | -15.0   |         |

L - Lower Cap Applied  
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 N - Not Subject to Capping  
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LOSS COST PERCENT CHANGE BY CLASS

| Class | Terr | Proposed | Present | Percent | Capping | Class | Terr | Proposed | Present | Percent | Capping | Class | Terr | Proposed | Present | Percent | Capping |
|-------|------|----------|---------|---------|---------|-------|------|----------|---------|---------|---------|-------|------|----------|---------|---------|---------|
|       |      | Loss     | Cost    | Change  | Flag    |       |      | Loss     | Cost    | Change  | Flag    |       |      | Loss     | Cost    | Change  | Flag    |
| 57999 | 501  | 0.042    | 0.046   | -8.7    |         | 58397 | 503  | 0.078    | 0.090   | -13.3   |         | 58627 | 502  | 0.101    | 0.115   | -12.2   |         |
| 57999 | 502  | 0.040    | 0.044   | -9.1    |         | 58408 | 501  | 0.046    | 0.050   | -8.0    |         | 58627 | 503  | 0.055    | 0.063   | -12.7   |         |
| 57999 | 503  | 0.033    | 0.037   | -10.8   |         | 58408 | 502  | 0.032    | 0.034   | -5.9    |         | 58663 | 501  | 0.210    | 0.231   | -9.1    |         |
| 58009 | 501  | 0.042    | 0.046   | -8.7    |         | 58408 | 503  | 0.027    | 0.030   | -10.0   |         | 58663 | 502  | 0.203    | 0.223   | -9.0    |         |
| 58009 | 502  | 0.040    | 0.044   | -9.1    |         | 58409 | 501  | 0.058    | 0.063   | -7.9    |         | 58663 | 503  | 0.168    | 0.187   | -10.2   |         |
| 58009 | 503  | 0.033    | 0.037   | -10.8   |         | 58409 | 502  | 0.040    | 0.044   | -9.1    |         | 58682 | 501  | 0.096    | 0.110   | -12.7   |         |
| 58010 | 501  | 0.078    | 0.090   | -13.3   |         | 58409 | 503  | 0.034    | 0.038   | -10.5   |         | 58682 | 502  | 0.090    | 0.103   | -12.6   |         |
| 58010 | 502  | 0.073    | 0.083   | -12.0   |         | 58456 | 501  | 0.031    | 0.034   | -8.8    |         | 58682 | 503  | 0.049    | 0.056   | -12.5   |         |
| 58010 | 503  | 0.040    | 0.046   | -13.0   |         | 58456 | 502  | 0.021    | 0.023   | -8.7    |         | 58713 | 501  | 0.041    | 0.044   | -6.8    |         |
| 58020 | 501  | 0.141    | 0.150   | -6.0    |         | 58456 | 503  | 0.018    | 0.020   | -10.0   |         | 58713 | 502  | 0.036    | 0.039   | -7.7    |         |
| 58020 | 502  | 0.125    | 0.133   | -6.0    |         | 58457 | 501  | 0.045    | 0.049   | -8.2    |         | 58713 | 503  | 0.022    | 0.024   | -8.3    |         |
| 58020 | 503  | 0.076    | 0.082   | -7.3    |         | 58457 | 502  | 0.031    | 0.034   | -8.8    |         | 58737 | 501  | 0.070    | 0.080   | -12.5   |         |
| 58056 | 501  | 0.094    | 0.107   | -12.1   |         | 58457 | 503  | 0.027    | 0.029   | -6.9    |         | 58737 | 502  | 0.065    | 0.074   | -12.2   |         |
| 58056 | 502  | 0.087    | 0.100   | -13.0   |         | 58458 | 501  | 0.058    | 0.063   | -7.9    |         | 58737 | 503  | 0.035    | 0.041   | -14.6   |         |
| 58056 | 503  | 0.047    | 0.054   | -13.0   |         | 58458 | 502  | 0.040    | 0.044   | -9.1    |         | 58756 | 501  | 0.039    | 0.043   | -9.3    |         |
| 58057 | 501  | 0.059    | 0.067   | -11.9   |         | 58458 | 503  | 0.034    | 0.038   | -10.5   |         | 58756 | 502  | 0.038    | 0.042   | -9.5    |         |
| 58057 | 502  | 0.055    | 0.063   | -12.7   |         | 58459 | 501  | 0.069    | 0.076   | -9.2    |         | 58756 | 503  | 0.031    | 0.035   | -11.4   |         |
| 58057 | 503  | 0.030    | 0.034   | -11.8   |         | 58459 | 502  | 0.048    | 0.053   | -9.4    |         | 58757 | 501  | 0.236    | 0.270   | -12.6   |         |
| 58058 | 501  | 0.053    | 0.061   | -13.1   |         | 58459 | 503  | 0.041    | 0.045   | -8.9    |         | 58757 | 502  | 0.219    | 0.250   | -12.4   |         |
| 58058 | 502  | 0.049    | 0.056   | -12.5   |         | 58503 | 501  | 0.041    | 0.047   | -12.8   |         | 58757 | 503  | 0.119    | 0.137   | -13.1   |         |
| 58058 | 503  | 0.027    | 0.031   | -12.9   |         | 58503 | 502  | 0.038    | 0.044   | -13.6   |         | 58759 | 501  | 0.029    | 0.033   | -12.1   |         |
| 58095 | 501  | 0.074    | 0.085   | -12.9   |         | 58503 | 503  | 0.021    | 0.024   | -12.5   |         | 58759 | 502  | 0.027    | 0.031   | -12.9   |         |
| 58095 | 502  | 0.069    | 0.079   | -12.7   |         | 58532 | 501  | 0.053    | 0.061   | -13.1   |         | 58759 | 503  | 0.015    | 0.017   | -11.8   |         |
| 58095 | 503  | 0.038    | 0.043   | -11.6   |         | 58532 | 502  | 0.050    | 0.057   | -12.3   |         | 58802 | 501  | 0.033    | 0.038   | -13.2   |         |
| 58096 | 501  | 0.099    | 0.113   | -12.4   |         | 58532 | 503  | 0.027    | 0.031   | -12.9   |         | 58802 | 502  | 0.031    | 0.035   | -11.4   |         |
| 58096 | 502  | 0.092    | 0.105   | -12.4   |         | 58559 | 501  | 0.011    | 0.012   | -8.3    |         | 58802 | 503  | 0.017    | 0.019   | -10.5   |         |
| 58096 | 503  | 0.050    | 0.058   | -13.8   |         | 58559 | 502  | 0.010    | 0.012   | -16.7   |         | 58813 | 501  | 0.096    | 0.106   | -9.4    |         |
| 58301 | 501  | 0.032    | 0.035   | -8.6    |         | 58559 | 503  | 0.005    | 0.006   | -16.7   |         | 58813 | 502  | 0.093    | 0.102   | -8.8    |         |
| 58301 | 502  | 0.031    | 0.034   | -8.8    |         | 58560 | 501  | 0.026    | 0.030   | -13.3   |         | 58813 | 503  | 0.077    | 0.086   | -10.5   |         |
| 58301 | 503  | 0.025    | 0.028   | -10.7   |         | 58560 | 502  | 0.024    | 0.028   | -14.3   |         | 58822 | 501  | 0.091    | 0.104   | -12.5   |         |
| 58302 | 501  | 0.027    | 0.031   | -12.9   |         | 58560 | 503  | 0.013    | 0.015   | -13.3   |         | 58822 | 502  | 0.085    | 0.097   | -12.4   |         |
| 58302 | 502  | 0.025    | 0.028   | -10.7   |         | 58575 | 501  | 0.034    | 0.039   | -12.8   |         | 58822 | 503  | 0.046    | 0.053   | -13.2   |         |
| 58302 | 503  | 0.013    | 0.016   | -18.8   |         | 58575 | 502  | 0.031    | 0.036   | -13.9   |         | 58837 | 501  | 0.193    | 0.213   | -9.4    |         |
| 58397 | 501  | 0.155    | 0.177   | -12.4   |         | 58575 | 503  | 0.017    | 0.020   | -15.0   |         | 58837 | 502  | 0.187    | 0.206   | -9.2    |         |
| 58397 | 502  | 0.144    | 0.165   | -12.7   |         | 58627 | 501  | 0.108    | 0.124   | -12.9   |         | 58837 | 503  | 0.154    | 0.172   | -10.5   |         |

L - Lower Cap Applied  
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LOSS COST PERCENT CHANGE BY CLASS

| Class | Terr | Proposed  | Present   | Percent | Capping | Class | Terr | Proposed  | Present   | Percent | Capping | Class | Terr | Proposed  | Present   | Percent | Capping |
|-------|------|-----------|-----------|---------|---------|-------|------|-----------|-----------|---------|---------|-------|------|-----------|-----------|---------|---------|
|       |      | Loss Cost | Loss Cost | Change  | Flag    |       |      | Loss Cost | Loss Cost | Change  | Flag    |       |      | Loss Cost | Loss Cost | Change  | Flag    |
| 58840 | 501  | 0.058     | 0.064     | -9.4    |         | 59257 | 503  | 0.005     | 0.006     | -16.7   |         | 59713 | 502  | 0.104     | 0.119     | -12.6   |         |
| 58840 | 502  | 0.056     | 0.062     | -9.7    |         | 59306 | 501  | 0.067     | 0.077     | -13.0   |         | 59713 | 503  | 0.056     | 0.065     | -13.8   |         |
| 58840 | 503  | 0.046     | 0.052     | -11.5   |         | 59306 | 502  | 0.062     | 0.071     | -12.7   |         | 59722 | 501  | 0.058     | 0.066     | -12.1   |         |
| 58873 | 501  | 0.092     | 0.101     | -8.9    |         | 59306 | 503  | 0.034     | 0.039     | -12.8   |         | 59722 | 502  | 0.054     | 0.061     | -11.5   |         |
| 58873 | 502  | 0.089     | 0.098     | -9.2    |         | 59378 | 501  | 0.062     | 0.068     | -8.8    |         | 59722 | 503  | 0.029     | 0.034     | -14.7   |         |
| 58873 | 503  | 0.074     | 0.082     | -9.8    |         | 59378 | 502  | 0.060     | 0.066     | -9.1    |         | 59723 | 501  | 0.022     | 0.025     | -12.0   |         |
| 58903 | 501  | 0.021     | 0.024     | -12.5   |         | 59378 | 503  | 0.050     | 0.055     | -9.1    |         | 59723 | 502  | 0.020     | 0.023     | -13.0   |         |
| 58903 | 502  | 0.019     | 0.022     | -13.6   |         | 59481 | 501  | 0.180     | 0.206     | -12.6   |         | 59723 | 503  | 0.011     | 0.013     | -15.4   |         |
| 58903 | 503  | 0.011     | 0.012     | -8.3    |         | 59481 | 502  | 0.167     | 0.191     | -12.6   |         | 59724 | 501  | 0.033     | 0.038     | -13.2   |         |
| 58904 | 501  | 0.016     | 0.018     | -11.1   |         | 59481 | 503  | 0.091     | 0.105     | -13.3   |         | 59724 | 502  | 0.031     | 0.035     | -11.4   |         |
| 58904 | 502  | 0.015     | 0.017     | -11.8   |         | 59482 | 501  | 0.290     | 0.310     | -6.5    |         | 59724 | 503  | 0.017     | 0.019     | -10.5   |         |
| 58904 | 503  | 0.008     | 0.009     | -11.1   |         | 59482 | 502  | 0.260     | 0.280     | -7.1    |         | 59725 | 501  | 0.042     | 0.048     | -12.5   |         |
| 58922 | 501  | 0.153     | 0.169     | -9.5    |         | 59482 | 503  | 0.157     | 0.169     | -7.1    |         | 59725 | 502  | 0.039     | 0.044     | -11.4   |         |
| 58922 | 502  | 0.148     | 0.163     | -9.2    |         | 59537 | 501  | 0.067     | 0.074     | -9.5    |         | 59725 | 503  | 0.021     | 0.024     | -12.5   |         |
| 58922 | 503  | 0.123     | 0.137     | -10.2   |         | 59537 | 502  | 0.065     | 0.071     | -8.5    |         | 59726 | 501  | 0.030     | 0.035     | -14.3   |         |
| 59005 | 501  | 0.040     | 0.045     | -11.1   |         | 59537 | 503  | 0.053     | 0.060     | -11.7   |         | 59726 | 502  | 0.028     | 0.032     | -12.5   |         |
| 59005 | 502  | 0.037     | 0.042     | -11.9   |         | 59601 | 501  | 0.068     | 0.078     | -12.8   |         | 59726 | 503  | 0.015     | 0.018     | -16.7   |         |
| 59005 | 503  | 0.020     | 0.023     | -13.0   |         | 59601 | 502  | 0.063     | 0.072     | -12.5   |         | 59738 | 501  | 0.096     | 0.110     | -12.7   |         |
| 59057 | 501  | 0.290     | 0.340     | -14.7   |         | 59601 | 503  | 0.034     | 0.039     | -12.8   |         | 59738 | 502  | 0.090     | 0.103     | -12.6   |         |
| 59057 | 502  | 0.270     | 0.310     | -12.9   |         | 59647 | 501  | 0.130     | 0.139     | -6.5    |         | 59738 | 503  | 0.049     | 0.056     | -12.5   |         |
| 59057 | 503  | 0.148     | 0.171     | -13.5   |         | 59647 | 502  | 0.116     | 0.123     | -5.7    |         | 59750 | 501  | 0.050     | 0.055     | -9.1    |         |
| 59058 | 501  | 0.190     | 0.217     | -12.4   |         | 59647 | 503  | 0.070     | 0.076     | -7.9    |         | 59750 | 502  | 0.048     | 0.053     | -9.4    |         |
| 59058 | 502  | 0.176     | 0.202     | -12.9   |         | 59660 | 501  | 0.125     | 0.143     | -12.6   |         | 59750 | 503  | 0.040     | 0.044     | -9.1    |         |
| 59058 | 503  | 0.096     | 0.110     | -12.7   |         | 59660 | 502  | 0.116     | 0.133     | -12.8   |         | 59751 | 501  | 0.018     | 0.020     | -10.0   |         |
| 59188 | 501  | 0.280     | 0.300     | -6.7    |         | 59660 | 503  | 0.063     | 0.073     | -13.7   |         | 59751 | 502  | 0.017     | 0.019     | -10.5   |         |
| 59188 | 502  | 0.249     | 0.270     | -7.8    |         | 59661 | 501  | 0.061     | 0.070     | -12.9   |         | 59751 | 503  | 0.014     | 0.016     | -12.5   |         |
| 59188 | 503  | 0.151     | 0.162     | -6.8    |         | 59661 | 502  | 0.057     | 0.065     | -12.3   |         | 59773 | 501  | 0.017     | 0.018     | -5.6    |         |
| 59189 | 501  | 0.380     | 0.410     | -7.3    |         | 59661 | 503  | 0.031     | 0.036     | -13.9   |         | 59773 | 502  | 0.015     | 0.016     | -6.3    |         |
| 59189 | 502  | 0.340     | 0.360     | -5.6    |         | 59693 | 501  | 0.010     | 0.012     | -16.7   |         | 59773 | 503  | 0.009     | 0.010     | -10.0   |         |
| 59189 | 503  | 0.206     | 0.223     | -7.6    |         | 59693 | 502  | 0.009     | 0.011     | -18.2   |         | 59774 | 501  | 0.014     | 0.015     | -6.7    |         |
| 59223 | 501  | 0.095     | 0.105     | -9.5    |         | 59693 | 503  | 0.005     | 0.006     | -16.7   |         | 59774 | 502  | 0.012     | 0.013     | -7.7    |         |
| 59223 | 502  | 0.092     | 0.102     | -9.8    |         | 59701 | 501  | 0.005     | 0.006     | -16.7   |         | 59774 | 503  | 0.007     | 0.008     | -12.5   |         |
| 59223 | 503  | 0.076     | 0.085     | -10.6   |         | 59701 | 502  | 0.005     | 0.005     | 0.0     |         | 59775 | 501  | 0.017     | 0.019     | -10.5   |         |
| 59257 | 501  | 0.011     | 0.012     | -8.3    |         | 59701 | 503  | 0.003     | 0.003     | 0.0     |         | 59775 | 502  | 0.016     | 0.017     | -5.9    |         |
| 59257 | 502  | 0.010     | 0.011     | -9.1    |         | 59713 | 501  | 0.112     | 0.128     | -12.5   |         | 59775 | 503  | 0.009     | 0.010     | -10.0   |         |

L - Lower Cap Applied  
 U - Upper Cap Applied  
 N - Not Subject to Capping  
 E - Subject to Capping Exception

LOSS COST PERCENT CHANGE BY CLASS

| Class | Terr | Proposed |      | Present |      | Percent Change | Capping Flag | Class | Terr | Proposed |      | Present |      | Percent Change | Capping Flag | Class | Terr | Proposed |      | Present |      | Percent Change | Capping Flag |
|-------|------|----------|------|---------|------|----------------|--------------|-------|------|----------|------|---------|------|----------------|--------------|-------|------|----------|------|---------|------|----------------|--------------|
|       |      | Loss     | Cost | Loss    | Cost |                |              |       |      | Loss     | Cost | Loss    | Cost |                |              |       |      | Loss     | Cost | Loss    | Cost |                |              |
| 59781 | 501  | 0.043    |      | 0.048   |      | -10.4          |              | 59904 | 503  | 0.034    |      | 0.038   |      | -10.5          |              | 59947 | 502  | 0.041    |      | 0.045   |      | -8.9           |              |
| 59781 | 502  | 0.042    |      | 0.046   |      | -8.7           |              | 59905 | 501  | 0.052    |      | 0.060   |      | -13.3          |              | 59947 | 503  | 0.034    |      | 0.038   |      | -10.5          |              |
| 59781 | 503  | 0.035    |      | 0.038   |      | -7.9           |              | 59905 | 502  | 0.049    |      | 0.056   |      | -12.5          |              | 59955 | 501  | 0.018    |      | 0.020   |      | -10.0          |              |
| 59782 | 501  | 0.064    |      | 0.071   |      | -9.9           |              | 59905 | 503  | 0.026    |      | 0.031   |      | -16.1          |              | 59955 | 502  | 0.017    |      | 0.019   |      | -10.5          |              |
| 59782 | 502  | 0.062    |      | 0.069   |      | -10.1          |              | 59914 | 501  | 0.310    |      | 0.350   |      | -11.4          |              | 59955 | 503  | 0.009    |      | 0.010   |      | -10.0          |              |
| 59782 | 503  | 0.051    |      | 0.057   |      | -10.5          |              | 59914 | 502  | 0.290    |      | 0.330   |      | -12.1          |              | 59963 | 501  | 0.132    |      | 0.151   |      | -12.6          |              |
| 59783 | 501  | 0.063    |      | 0.069   |      | -8.7           |              | 59914 | 503  | 0.155    |      | 0.179   |      | -13.4          |              | 59963 | 502  | 0.123    |      | 0.141   |      | -12.8          |              |
| 59783 | 502  | 0.061    |      | 0.067   |      | -9.0           |              | 59915 | 501  | 0.141    |      | 0.155   |      | -9.0           |              | 59963 | 503  | 0.067    |      | 0.077   |      | -13.0          |              |
| 59783 | 503  | 0.050    |      | 0.056   |      | -10.7          |              | 59915 | 502  | 0.136    |      | 0.150   |      | -9.3           |              | 59964 | 501  | 0.310    |      | 0.350   |      | -11.4          |              |
| 59784 | 501  | 0.048    |      | 0.053   |      | -9.4           |              | 59915 | 503  | 0.113    |      | 0.126   |      | -10.3          |              | 59964 | 502  | 0.290    |      | 0.330   |      | -12.1          |              |
| 59784 | 502  | 0.047    |      | 0.051   |      | -7.8           |              | 59917 | 501  | 0.026    |      | 0.029   |      | -10.3          |              | 59964 | 503  | 0.156    |      | 0.180   |      | -13.3          |              |
| 59784 | 503  | 0.038    |      | 0.043   |      | -11.6          |              | 59917 | 502  | 0.025    |      | 0.028   |      | -10.7          |              | 59970 | 501  | 0.057    |      | 0.063   |      | -9.5           |              |
| 59790 | 501  | 0.074    |      | 0.085   |      | -12.9          |              | 59917 | 503  | 0.021    |      | 0.023   |      | -8.7           |              | 59970 | 502  | 0.055    |      | 0.061   |      | -9.8           |              |
| 59790 | 502  | 0.069    |      | 0.079   |      | -12.7          |              | 59923 | 501  | 0.008    |      | 0.009   |      | -11.1          |              | 59970 | 503  | 0.046    |      | 0.051   |      | -9.8           |              |
| 59790 | 503  | 0.038    |      | 0.043   |      | -11.6          |              | 59923 | 502  | 0.007    |      | 0.008   |      | -12.5          |              | 59973 | 501  | 0.085    |      | 0.098   |      | -13.3          |              |
| 59798 | 501  | 0.164    |      | 0.180   |      | -8.9           |              | 59923 | 503  | 0.004    |      | 0.004   |      | 0.0            |              | 59973 | 502  | 0.079    |      | 0.091   |      | -13.2          |              |
| 59798 | 502  | 0.158    |      | 0.174   |      | -9.2           |              | 59925 | 501  | 0.183    |      | 0.203   |      | -9.9           |              | 59973 | 503  | 0.043    |      | 0.050   |      | -14.0          |              |
| 59798 | 503  | 0.131    |      | 0.146   |      | -10.3          |              | 59925 | 502  | 0.173    |      | 0.192   |      | -9.9           |              | 59975 | 501  | 0.080    |      | 0.088   |      | -9.1           |              |
| 59806 | 501  | 0.117    |      | 0.129   |      | -9.3           |              | 59925 | 503  | 0.199    |      | 0.222   |      | -10.4          |              | 59975 | 502  | 0.077    |      | 0.085   |      | -9.4           |              |
| 59806 | 502  | 0.114    |      | 0.125   |      | -8.8           |              | 59926 | 501  | 0.156    |      | 0.173   |      | -9.8           |              | 59975 | 503  | 0.064    |      | 0.071   |      | -9.9           |              |
| 59806 | 503  | 0.094    |      | 0.105   |      | -10.5          |              | 59926 | 502  | 0.147    |      | 0.163   |      | -9.8           |              | 59977 | 501  | 0.046    |      | 0.050   |      | -8.0           |              |
| 59867 | 501  | 0.084    |      | 0.096   |      | -12.5          |              | 59926 | 503  | 0.169    |      | 0.189   |      | -10.6          |              | 59977 | 502  | 0.044    |      | 0.049   |      | -10.2          |              |
| 59867 | 502  | 0.078    |      | 0.089   |      | -12.4          |              | 59927 | 501  | 0.105    |      | 0.116   |      | -9.5           |              | 59977 | 503  | 0.037    |      | 0.041   |      | -9.8           |              |
| 59867 | 503  | 0.042    |      | 0.049   |      | -14.3          |              | 59927 | 502  | 0.099    |      | 0.109   |      | -9.2           |              | 59984 | 501  | 0.023    |      | 0.027   |      | -14.8          |              |
| 59886 | 501  | 0.011    |      | 0.013   |      | -15.4          |              | 59927 | 503  | 0.114    |      | 0.127   |      | -10.2          |              | 59984 | 502  | 0.022    |      | 0.025   |      | -12.0          |              |
| 59886 | 502  | 0.011    |      | 0.012   |      | -8.3           |              | 59931 | 501  | 0.138    |      | 0.159   |      | -13.2          |              | 59984 | 503  | 0.012    |      | 0.014   |      | -14.3          |              |
| 59886 | 503  | 0.006    |      | 0.007   |      | -14.3          |              | 59931 | 502  | 0.129    |      | 0.147   |      | -12.2          |              | 59985 | 501  | 0.091    |      | 0.105   |      | -13.3          |              |
| 59889 | 501  | 0.054    |      | 0.058   |      | -6.9           |              | 59931 | 503  | 0.070    |      | 0.081   |      | -13.6          |              | 59985 | 502  | 0.085    |      | 0.097   |      | -12.4          |              |
| 59889 | 502  | 0.048    |      | 0.052   |      | -7.7           |              | 59932 | 501  | 0.149    |      | 0.171   |      | -12.9          |              | 59985 | 503  | 0.046    |      | 0.053   |      | -13.2          |              |
| 59889 | 503  | 0.029    |      | 0.032   |      | -9.4           |              | 59932 | 502  | 0.138    |      | 0.159   |      | -13.2          |              | 59986 | 501  | 0.070    |      | 0.080   |      | -12.5          |              |
| 59892 | 501  | 0.063    |      | 0.069   |      | -8.7           |              | 59932 | 503  | 0.075    |      | 0.087   |      | -13.8          |              | 59986 | 502  | 0.065    |      | 0.074   |      | -12.2          |              |
| 59892 | 502  | 0.061    |      | 0.067   |      | -9.0           |              | 59941 | 501  | 0.046    |      | 0.053   |      | -13.2          |              | 59986 | 503  | 0.035    |      | 0.041   |      | -14.6          |              |
| 59892 | 503  | 0.050    |      | 0.056   |      | -10.7          |              | 59941 | 502  | 0.043    |      | 0.049   |      | -12.2          |              | 59988 | 501  | 0.020    |      | 0.022   |      | -9.1           |              |
| 59904 | 501  | 0.042    |      | 0.047   |      | -10.6          |              | 59941 | 503  | 0.023    |      | 0.027   |      | -14.8          |              | 59988 | 502  | 0.020    |      | 0.022   |      | -9.1           |              |
| 59904 | 502  | 0.041    |      | 0.045   |      | -8.9           |              | 59947 | 501  | 0.042    |      | 0.047   |      | -10.6          |              | 59988 | 503  | 0.016    |      | 0.018   |      | -11.1          |              |

L - Lower Cap Applied  
 U - Upper Cap Applied  
 N - Not Subject to Capping  
 E - Subject to Capping Exception

LOSS COST PERCENT CHANGE BY CLASS

| Class | Terr | Proposed  | Present   | Percent | Capping | Class | Terr | Proposed  | Present   | Percent | Capping | Class | Terr | Proposed  | Present   | Percent | Capping |
|-------|------|-----------|-----------|---------|---------|-------|------|-----------|-----------|---------|---------|-------|------|-----------|-----------|---------|---------|
|       |      | Loss Cost | Loss Cost | Change  | Flag    |       |      | Loss Cost | Loss Cost | Change  | Flag    |       |      | Loss Cost | Loss Cost | Change  | Flag    |
| 59989 | 501  | 0.012     | 0.014     | -14.3   |         | 61217 | 503  | 20.500    | 18.100    | +13.3   |         | 63011 | 502  | 43.400    | 36.300    | +19.6   |         |
| 59989 | 502  | 0.011     | 0.013     | -15.4   |         | 61218 | 501  | 8.410     | 7.710     | +9.1    |         | 63011 | 503  | 67.700    | 56.900    | +19.0   |         |
| 59989 | 503  | 0.006     | 0.007     | -14.3   |         | 61218 | 502  | 12.200    | 10.700    | +14.0   |         | 63012 | 501  | 61.300    | 53.400    | +14.8   |         |
| 60010 | 501  | 19.200    | 16.700    | +15.0   |         | 61218 | 503  | 14.000    | 12.400    | +12.9   |         | 63012 | 502  | 61.700    | 51.600    | +19.6   |         |
| 60010 | 502  | 19.300    | 16.100    | +19.9   |         | 61223 | 501  | 59.800    | 54.800    | +9.1    |         | 63012 | 503  | 96.300    | 80.900    | +19.0   |         |
| 60010 | 503  | 30.100    | 25.300    | +19.0   |         | 61223 | 502  | 86.500    | 76.100    | +13.7   |         | 63013 | 501  | 58.000    | 50.500    | +14.9   |         |
| 60011 | 501  | 22.000    | 19.200    | +14.6   |         | 61223 | 503  | 99.300    | 88.000    | +12.8   |         | 63013 | 502  | 58.400    | 48.900    | +19.4   |         |
| 60011 | 502  | 22.200    | 18.600    | +19.4   |         | 61224 | 501  | 19.000    | 17.500    | +8.6    |         | 63013 | 503  | 91.200    | 76.600    | +19.1   |         |
| 60011 | 503  | 34.600    | 29.100    | +18.9   |         | 61224 | 502  | 27.600    | 24.200    | +14.0   |         | 63215 | 501  | 34.800    | 31.900    | +9.1    |         |
| 60012 | 501  | 36.200    | 31.500    | +14.9   |         | 61224 | 503  | 31.600    | 28.100    | +12.5   |         | 63215 | 502  | 50.300    | 44.200    | +13.8   |         |
| 60012 | 502  | 36.400    | 30.500    | +19.3   |         | 61225 | 501  | 26.400    | 24.200    | +9.1    |         | 63215 | 503  | 57.800    | 51.200    | +12.9   |         |
| 60012 | 503  | 56.900    | 47.800    | +19.0   |         | 61225 | 502  | 38.300    | 33.600    | +14.0   |         | 63216 | 501  | 24.100    | 22.100    | +9.0    |         |
| 60013 | 501  | 31.000    | 27.000    | +14.8   |         | 61225 | 503  | 43.900    | 38.900    | +12.9   |         | 63216 | 502  | 34.900    | 30.700    | +13.7   |         |
| 60013 | 502  | 31.200    | 26.100    | +19.5   |         | 61226 | 501  | 44.500    | 40.800    | +9.1    |         | 63216 | 503  | 40.100    | 35.500    | +13.0   |         |
| 60013 | 503  | 48.700    | 41.000    | +18.8   |         | 61226 | 502  | 64.400    | 56.600    | +13.8   |         | 63217 | 501  | 24.300    | 23.200    | +4.7    |         |
| 60015 | 501  | 23.200    | 20.200    | +14.9   |         | 61226 | 503  | 73.900    | 65.500    | +12.8   |         | 63217 | 502  | 26.900    | 24.600    | +9.3    |         |
| 60015 | 502  | 23.300    | 19.500    | +19.5   |         | 61227 | 501  | 40.700    | 37.300    | +9.1    |         | 63217 | 503  | 33.600    | 31.000    | +8.4    |         |
| 60015 | 503  | 36.400    | 30.600    | +19.0   |         | 61227 | 502  | 58.900    | 51.800    | +13.7   |         | 63218 | 501  | 8.180     | 7.820     | +4.6    |         |
| 60016 | 501  | 26.000    | 22.700    | +14.5   |         | 61227 | 503  | 67.600    | 59.900    | +12.9   |         | 63218 | 502  | 9.050     | 8.280     | +9.3    |         |
| 60016 | 502  | 26.200    | 21.900    | +19.6   |         | 62000 | 501  | 9.260     | 8.490     | +9.1    |         | 63218 | 503  | 11.300    | 10.400    | +8.7    |         |
| 60016 | 503  | 40.900    | 34.400    | +18.9   |         | 62000 | 502  | 13.400    | 11.800    | +13.6   |         | 64074 | 501  | 17.800    | 16.000    | +11.3   |         |
| 60035 | 501  | 23.900    | 21.900    | +9.1    |         | 62000 | 503  | 15.400    | 13.600    | +13.2   |         | 64074 | 502  | 10.800    | 9.340     | +15.6   |         |
| 60035 | 502  | 34.500    | 30.400    | +13.5   |         | 62001 | 501  | 7.310     | 6.700     | +9.1    |         | 64074 | 503  | 15.500    | 13.500    | +14.8   |         |
| 60035 | 503  | 39.600    | 35.100    | +12.8   |         | 62001 | 502  | 10.600    | 9.310     | +13.9   |         | 64075 | 501  | 12.500    | 11.300    | +10.6   |         |
| 61000 | 501  | 19.000    | 16.500    | +15.2   |         | 62001 | 503  | 12.100    | 10.800    | +12.0   |         | 64075 | 502  | 7.610     | 6.570     | +15.8   |         |
| 61000 | 502  | 19.100    | 16.000    | +19.4   |         | 62002 | 501  | 3.340     | 3.060     | +9.2    |         | 64075 | 503  | 10.900    | 9.500     | +14.7   |         |
| 61000 | 503  | 29.800    | 25.000    | +19.2   |         | 62002 | 502  | 4.830     | 4.250     | +13.6   |         | 65007 | 501  | 21.200    | 19.400    | +9.3    |         |
| 61212 | 501  | 12.200    | 11.200    | +8.9    |         | 62002 | 503  | 5.550     | 4.920     | +12.8   |         | 65007 | 502  | 30.600    | 26.900    | +13.8   |         |
| 61212 | 502  | 17.600    | 15.500    | +13.5   |         | 62003 | 501  | 10.500    | 9.640     | +8.9    |         | 65007 | 503  | 35.200    | 31.200    | +12.8   |         |
| 61212 | 503  | 20.200    | 17.900    | +12.8   |         | 62003 | 502  | 15.200    | 13.400    | +13.4   |         | 66122 | 501  | 9.100     | 8.340     | +9.1    |         |
| 61216 | 501  | 13.500    | 12.400    | +8.9    |         | 62003 | 503  | 17.500    | 15.500    | +12.9   |         | 66122 | 502  | 13.200    | 11.600    | +13.8   |         |
| 61216 | 502  | 19.600    | 17.200    | +14.0   |         | 63010 | 501  | 34.500    | 30.000    | +15.0   |         | 66122 | 503  | 15.100    | 13.400    | +12.7   |         |
| 61216 | 503  | 22.500    | 19.900    | +13.1   |         | 63010 | 502  | 34.700    | 29.000    | +19.7   |         | 66123 | 501  | 5.010     | 4.590     | +9.2    |         |
| 61217 | 501  | 12.300    | 11.300    | +8.8    |         | 63010 | 503  | 54.100    | 45.500    | +18.9   |         | 66123 | 502  | 7.250     | 6.370     | +13.8   |         |
| 61217 | 502  | 17.800    | 15.700    | +13.4   |         | 63011 | 501  | 43.100    | 37.500    | +14.9   |         | 66123 | 503  | 8.320     | 7.380     | +12.7   |         |

L - Lower Cap Applied  
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LOSS COST PERCENT CHANGE BY CLASS

| Class | Terr | Proposed  | Present   | Percent | Capping | Class | Terr | Proposed  | Present   | Percent | Capping | Class | Terr | Proposed  | Present   | Percent | Capping |
|-------|------|-----------|-----------|---------|---------|-------|------|-----------|-----------|---------|---------|-------|------|-----------|-----------|---------|---------|
|       |      | Loss Cost | Loss Cost | Change  | Flag    |       |      | Loss Cost | Loss Cost | Change  | Flag    |       |      | Loss Cost | Loss Cost | Change  | Flag    |
| 66309 | 501  | 14.600    | 13.400    | +9.0    |         | 68001 | 503  | 97.600    | 86.500    | +12.8   |         | 91125 | 502  | 1.880     | 2.050     | -8.3    |         |
| 66309 | 502  | 21.200    | 18.600    | +14.0   |         | 68439 | 501  | 75.500    | 69.200    | +9.1    |         | 91125 | 503  | 1.880     | 2.050     | -8.3    |         |
| 66309 | 503  | 24.300    | 21.500    | +13.0   |         | 68439 | 502  | 109.000   | 96.200    | +13.3   |         | 91127 | 501  | 0.870     | 0.940     | -7.4    |         |
| 66561 | 501  | 33.900    | 31.000    | +9.4    |         | 68439 | 503  | 126.000   | 111.000   | +13.5   |         | 91127 | 502  | 0.870     | 0.940     | -7.4    |         |
| 66561 | 502  | 49.000    | 43.100    | +13.7   |         | 68500 | 501  | 4.210     | 3.670     | +14.7   |         | 91127 | 503  | 0.870     | 0.940     | -7.4    |         |
| 66561 | 503  | 56.300    | 49.900    | +12.8   |         | 68500 | 502  | 4.240     | 3.550     | +19.4   |         | 91130 | 501  | 0.770     | 0.880     | -12.5   |         |
| 67017 | 501  | 31.400    | 28.800    | +9.0    |         | 68500 | 503  | 6.620     | 5.570     | +18.9   |         | 91130 | 502  | 0.770     | 0.880     | -12.5   |         |
| 67017 | 502  | 45.500    | 40.000    | +13.7   |         | 68604 | 501  | 1.410     | 1.300     | +8.5    |         | 91130 | 503  | 0.770     | 0.880     | -12.5   |         |
| 67017 | 503  | 52.200    | 46.300    | +12.7   |         | 68604 | 502  | 2.050     | 1.800     | +13.9   |         | 91135 | 501  | 0.215     | 0.244     | -11.9   |         |
| 67508 | 501  | 31.400    | 28.000    | +12.1   |         | 68604 | 503  | 2.350     | 2.080     | +13.0   |         | 91135 | 502  | 0.215     | 0.244     | -11.9   |         |
| 67508 | 502  | 29.800    | 25.500    | +16.9   |         | 68606 | 501  | 5.520     | 5.060     | +9.1    |         | 91135 | 503  | 0.215     | 0.244     | -11.9   |         |
| 67508 | 503  | 35.500    | 30.500    | +16.4   |         | 68606 | 502  | 7.990     | 7.030     | +13.7   |         | 91150 | 501  | 0.820     | 0.890     | -7.9    |         |
| 67509 | 501  | 23.000    | 20.500    | +12.2   |         | 68606 | 503  | 9.170     | 8.130     | +12.8   |         | 91150 | 502  | 0.820     | 0.890     | -7.9    |         |
| 67509 | 502  | 21.900    | 18.700    | +17.1   |         | 68607 | 501  | 4.360     | 4.000     | +9.0    |         | 91150 | 503  | 0.820     | 0.890     | -7.9    |         |
| 67509 | 503  | 26.000    | 22.400    | +16.1   |         | 68607 | 502  | 6.310     | 5.550     | +13.7   |         | 91155 | 501  | 1.820     | 1.980     | -8.1    |         |
| 67510 | 501  | 12.800    | 11.400    | +12.3   |         | 68607 | 503  | 7.250     | 6.430     | +12.8   |         | 91155 | 502  | 1.820     | 1.980     | -8.1    |         |
| 67510 | 502  | 12.200    | 10.400    | +17.3   |         | 68702 | 501  | 3.590     | 3.290     | +9.1    |         | 91155 | 503  | 1.820     | 1.980     | -8.1    |         |
| 67510 | 503  | 14.500    | 12.500    | +16.0   |         | 68702 | 502  | 5.200     | 4.580     | +13.5   |         | 91160 | 501  | 0.760     | 0.820     | -7.3    |         |
| 67511 | 501  | 13.900    | 12.400    | +12.1   |         | 68702 | 503  | 5.970     | 5.290     | +12.9   |         | 91160 | 502  | 0.760     | 0.820     | -7.3    |         |
| 67511 | 502  | 13.200    | 11.200    | +17.9   |         | 68703 | 501  | 2.690     | 2.470     | +8.9    |         | 91160 | 503  | 0.760     | 0.820     | -7.3    |         |
| 67511 | 503  | 15.700    | 13.500    | +16.3   |         | 68703 | 502  | 3.900     | 3.430     | +13.7   |         | 91175 | 501  | 0.650     | 0.710     | -8.5    |         |
| 67512 | 501  | 59.400    | 53.000    | +12.1   |         | 68703 | 503  | 4.470     | 3.970     | +12.6   |         | 91175 | 502  | 0.650     | 0.710     | -8.5    |         |
| 67512 | 502  | 56.400    | 48.200    | +17.0   |         | 68706 | 501  | 11.500    | 10.600    | +8.5    |         | 91175 | 503  | 0.650     | 0.710     | -8.5    |         |
| 67512 | 503  | 67.100    | 57.700    | +16.3   |         | 68706 | 502  | 16.700    | 14.700    | +13.6   |         | 91177 | 501  | 2.850     | 3.100     | -8.1    |         |
| 67513 | 501  | 37.700    | 33.600    | +12.2   |         | 68706 | 503  | 19.200    | 17.000    | +12.9   |         | 91177 | 502  | 2.850     | 3.100     | -8.1    |         |
| 67513 | 502  | 35.800    | 30.600    | +17.0   |         | 68707 | 501  | 11.400    | 10.500    | +8.6    |         | 91177 | 503  | 2.850     | 3.100     | -8.1    |         |
| 67513 | 503  | 42.600    | 36.600    | +16.4   |         | 68707 | 502  | 16.500    | 14.500    | +13.8   |         | 91179 | 501  | 2.860     | 3.110     | -8.0    |         |
| 67634 | 501  | 27.200    | 24.900    | +9.2    |         | 68707 | 503  | 19.000    | 16.800    | +13.1   |         | 91179 | 502  | 2.860     | 3.110     | -8.0    |         |
| 67634 | 502  | 39.400    | 34.600    | +13.9   |         | 90089 | 501  | 3.130     | 3.400     | -7.9    |         | 91179 | 503  | 2.860     | 3.110     | -8.0    |         |
| 67634 | 503  | 45.200    | 40.100    | +12.7   |         | 90089 | 502  | 3.130     | 3.400     | -7.9    |         | 91190 | 501  | 1.540     | 1.670     | -7.8    |         |
| 67635 | 501  | 19.200    | 17.600    | +9.1    |         | 90089 | 503  | 3.130     | 3.400     | -7.9    |         | 91190 | 502  | 1.540     | 1.670     | -7.8    |         |
| 67635 | 502  | 27.900    | 24.500    | +13.9   |         | 91111 | 501  | 1.290     | 1.400     | -7.9    |         | 91190 | 503  | 1.540     | 1.670     | -7.8    |         |
| 67635 | 503  | 32.000    | 28.300    | +13.1   |         | 91111 | 502  | 1.290     | 1.400     | -7.9    |         | 91200 | 501  | 0.440     | 0.500     | -12.0   |         |
| 68001 | 501  | 58.700    | 53.800    | +9.1    |         | 91111 | 503  | 1.290     | 1.400     | -7.9    |         | 91200 | 502  | 0.440     | 0.500     | -12.0   |         |
| 68001 | 502  | 85.000    | 74.800    | +13.6   |         | 91125 | 501  | 1.880     | 2.050     | -8.3    |         | 91200 | 503  | 0.440     | 0.500     | -12.0   |         |

L - Lower Cap Applied  
 U - Upper Cap Applied  
 N - Not Subject to Capping  
 E - Subject to Capping Exception

LOSS COST PERCENT CHANGE BY CLASS

| Class | Terr | Proposed | Present | Percent | Capping | Class | Terr | Proposed | Present | Percent | Capping | Class | Terr | Proposed | Present | Percent | Capping |
|-------|------|----------|---------|---------|---------|-------|------|----------|---------|---------|---------|-------|------|----------|---------|---------|---------|
|       |      | Loss     | Cost    | Change  | Flag    |       |      | Loss     | Cost    | Change  | Flag    |       |      | Loss     | Cost    | Change  | Flag    |
| 91235 | 501  | 1.000    | 1.090   | -8.3    |         | 91405 | 503  | 3.910    | 4.270   | -8.4    |         | 91590 | 502  | 2.500    | 2.720   | -8.1    |         |
| 91235 | 502  | 1.000    | 1.090   | -8.3    |         | 91436 | 501  | 3.700    | 4.020   | -8.0    |         | 91590 | 503  | 2.500    | 2.720   | -8.1    |         |
| 91235 | 503  | 1.000    | 1.090   | -8.3    |         | 91436 | 502  | 3.700    | 4.020   | -8.0    |         | 91606 | 501  | 7.560    | 8.570   | -11.8   |         |
| 91250 | 501  | 1.510    | 1.640   | -7.9    |         | 91436 | 503  | 3.700    | 4.020   | -8.0    |         | 91606 | 502  | 7.560    | 8.570   | -11.8   |         |
| 91250 | 502  | 1.510    | 1.640   | -7.9    |         | 91481 | 501  | 13.500   | 14.700  | -8.2    |         | 91606 | 503  | 7.560    | 8.570   | -11.8   |         |
|       |      |          |         |         |         |       |      |          |         |         |         |       |      |          |         |         |         |
| 91250 | 503  | 1.510    | 1.640   | -7.9    |         | 91481 | 502  | 13.500   | 14.700  | -8.2    |         | 91629 | 501  | 1.550    | 1.750   | -11.4   |         |
| 91265 | 501  | 9.440    | 10.700  | -11.8   |         | 91481 | 503  | 13.500   | 14.700  | -8.2    |         | 91629 | 502  | 1.550    | 1.750   | -11.4   |         |
| 91265 | 502  | 9.440    | 10.700  | -11.8   |         | 91507 | 501  | 1.990    | 2.160   | -7.9    |         | 91629 | 503  | 1.550    | 1.750   | -11.4   |         |
| 91265 | 503  | 9.440    | 10.700  | -11.8   |         | 91507 | 502  | 1.990    | 2.160   | -7.9    |         | 91636 | 501  | 2.650    | 3.000   | -11.7   |         |
| 91266 | 501  | 4.990    | 5.660   | -11.8   |         | 91507 | 503  | 1.990    | 2.160   | -7.9    |         | 91636 | 502  | 2.650    | 3.000   | -11.7   |         |
|       |      |          |         |         |         |       |      |          |         |         |         |       |      |          |         |         |         |
| 91266 | 502  | 4.990    | 5.660   | -11.8   |         | 91523 | 501  | 30.700   | 33.300  | -7.8    |         | 91636 | 503  | 2.650    | 3.000   | -11.7   |         |
| 91266 | 503  | 4.990    | 5.660   | -11.8   |         | 91523 | 502  | 30.700   | 33.300  | -7.8    |         | 91641 | 501  | 0.720    | 0.810   | -11.1   |         |
| 91302 | 501  | 7.610    | 8.300   | -8.3    |         | 91523 | 503  | 30.700   | 33.300  | -7.8    |         | 91641 | 502  | 0.720    | 0.810   | -11.1   |         |
| 91302 | 502  | 7.610    | 8.300   | -8.3    |         | 91547 | 501  | 0.174    | 0.190   | -8.4    |         | 91641 | 503  | 0.720    | 0.810   | -11.1   |         |
| 91302 | 503  | 7.610    | 8.300   | -8.3    |         | 91547 | 502  | 0.174    | 0.190   | -8.4    |         | 91666 | 501  | 0.670    | 0.730   | -8.2    |         |
|       |      |          |         |         |         |       |      |          |         |         |         |       |      |          |         |         |         |
| 91315 | 501  | 2.310    | 2.520   | -8.3    |         | 91547 | 503  | 0.174    | 0.190   | -8.4    |         | 91666 | 502  | 0.670    | 0.730   | -8.2    |         |
| 91315 | 502  | 2.310    | 2.520   | -8.3    |         | 91551 | 501  | 1.080    | 1.180   | -8.5    |         | 91666 | 503  | 0.670    | 0.730   | -8.2    |         |
| 91315 | 503  | 2.310    | 2.520   | -8.3    |         | 91551 | 502  | 1.080    | 1.180   | -8.5    |         | 91722 | 501  | 2.320    | 2.630   | -11.8   |         |
| 91324 | 501  | 5.140    | 5.610   | -8.4    |         | 91551 | 503  | 1.080    | 1.180   | -8.5    |         | 91722 | 502  | 2.320    | 2.630   | -11.8   |         |
| 91324 | 502  | 5.140    | 5.610   | -8.4    |         | 91555 | 501  | 0.600    | 0.660   | -9.1    |         | 91722 | 503  | 2.320    | 2.630   | -11.8   |         |
|       |      |          |         |         |         |       |      |          |         |         |         |       |      |          |         |         |         |
| 91324 | 503  | 5.140    | 5.610   | -8.4    |         | 91555 | 502  | 0.600    | 0.660   | -9.1    |         | 91746 | 501  | 2.410    | 2.620   | -8.0    |         |
| 91340 | 501  | 3.360    | 3.660   | -8.2    |         | 91555 | 503  | 0.600    | 0.660   | -9.1    |         | 91746 | 502  | 2.410    | 2.620   | -8.0    |         |
| 91340 | 502  | 3.360    | 3.660   | -8.2    |         | 91560 | 501  | 2.760    | 3.130   | -11.8   |         | 91746 | 503  | 2.410    | 2.620   | -8.0    |         |
| 91340 | 503  | 3.360    | 3.660   | -8.2    |         | 91560 | 502  | 2.760    | 3.130   | -11.8   |         | 91805 | 501  | 0.151    | 0.164   | -7.9    |         |
| 91341 | 501  | 3.270    | 3.550   | -7.9    |         | 91560 | 503  | 2.760    | 3.130   | -11.8   |         | 91805 | 502  | 0.151    | 0.164   | -7.9    |         |
|       |      |          |         |         |         |       |      |          |         |         |         |       |      |          |         |         |         |
| 91341 | 502  | 3.270    | 3.550   | -7.9    |         | 91562 | 501  | 2.410    | 2.620   | -8.0    |         | 91805 | 503  | 0.151    | 0.164   | -7.9    |         |
| 91341 | 503  | 3.270    | 3.550   | -7.9    |         | 91562 | 502  | 2.410    | 2.620   | -8.0    |         | 92053 | 501  | 0.370    | 0.400   | -7.5    |         |
| 91342 | 501  | 3.080    | 3.360   | -8.3    |         | 91562 | 503  | 2.410    | 2.620   | -8.0    |         | 92053 | 502  | 0.370    | 0.400   | -7.5    |         |
| 91342 | 502  | 3.080    | 3.360   | -8.3    |         | 91577 | 501  | 8.620    | 9.360   | -7.9    |         | 92053 | 503  | 0.370    | 0.400   | -7.5    |         |
| 91342 | 503  | 3.080    | 3.360   | -8.3    |         | 91577 | 502  | 8.620    | 9.360   | -7.9    |         | 92054 | 501  | 0.128    | 0.139   | -7.9    |         |
|       |      |          |         |         |         |       |      |          |         |         |         |       |      |          |         |         |         |
| 91343 | 501  | 0.720    | 0.780   | -7.7    |         | 91577 | 503  | 8.620    | 9.360   | -7.9    |         | 92054 | 502  | 0.128    | 0.139   | -7.9    |         |
| 91343 | 502  | 0.720    | 0.780   | -7.7    |         | 91580 | 501  | 3.640    | 4.130   | -11.9   |         | 92054 | 503  | 0.128    | 0.139   | -7.9    |         |
| 91343 | 503  | 0.720    | 0.780   | -7.7    |         | 91580 | 502  | 3.640    | 4.130   | -11.9   |         | 92055 | 501  | 3.570    | 3.880   | -8.0    |         |
| 91405 | 501  | 3.910    | 4.270   | -8.4    |         | 91580 | 503  | 3.640    | 4.130   | -11.9   |         | 92055 | 502  | 3.570    | 3.880   | -8.0    |         |
| 91405 | 502  | 3.910    | 4.270   | -8.4    |         | 91590 | 501  | 2.500    | 2.720   | -8.1    |         | 92055 | 503  | 3.570    | 3.880   | -8.0    |         |

L - Lower Cap Applied  
 U - Upper Cap Applied  
 N - Not Subject to Capping  
 E - Subject to Capping Exception



LOSS COST PERCENT CHANGE BY CLASS

| Class | Terr | Proposed |      | Present |      | Percent Change | Capping Flag | Class | Terr | Proposed |      | Present |      | Percent Change | Capping Flag | Class | Terr | Proposed |      | Present |      | Percent Change | Capping Flag |
|-------|------|----------|------|---------|------|----------------|--------------|-------|------|----------|------|---------|------|----------------|--------------|-------|------|----------|------|---------|------|----------------|--------------|
|       |      | Loss     | Cost | Loss    | Cost |                |              |       |      | Loss     | Cost | Loss    | Cost |                |              |       |      | Loss     | Cost | Loss    | Cost |                |              |
| 92101 | 501  | 5.580    |      | 6.070   |      | -8.1           |              | 92663 | 503  | 0.360    |      | 0.410   |      | -12.2          |              | 95233 | 502  | 2.290    |      | 2.490   |      | -8.0           |              |
| 92101 | 502  | 5.580    |      | 6.070   |      | -8.1           |              | 94007 | 501  | 7.970    |      | 8.660   |      | -8.0           |              | 95233 | 503  | 2.290    |      | 2.490   |      | -8.0           |              |
| 92101 | 503  | 5.580    |      | 6.070   |      | -8.1           |              | 94007 | 502  | 7.970    |      | 8.660   |      | -8.0           |              | 95305 | 501  | 2.490    |      | 2.700   |      | -7.8           |              |
| 92102 | 501  | 3.360    |      | 3.650   |      | -7.9           |              | 94007 | 503  | 7.970    |      | 8.660   |      | -8.0           |              | 95305 | 502  | 2.490    |      | 2.700   |      | -7.8           |              |
| 92102 | 502  | 3.360    |      | 3.650   |      | -7.9           |              | 94099 | 501  | 1.810    |      | 1.970   |      | -8.1           |              | 95305 | 503  | 2.490    |      | 2.700   |      | -7.8           |              |
| 92102 | 503  | 3.360    |      | 3.650   |      | -7.9           |              | 94099 | 502  | 1.810    |      | 1.970   |      | -8.1           |              | 95306 | 501  | 3.030    |      | 3.440   |      | -11.9          |              |
| 92215 | 501  | 1.440    |      | 1.560   |      | -7.7           |              | 94099 | 503  | 1.810    |      | 1.970   |      | -8.1           |              | 95306 | 502  | 3.030    |      | 3.440   |      | -11.9          |              |
| 92215 | 502  | 1.440    |      | 1.560   |      | -7.7           |              | 94225 | 501  | 6.390    |      | 6.940   |      | -7.9           |              | 95306 | 503  | 3.030    |      | 3.440   |      | -11.9          |              |
| 92215 | 503  | 1.440    |      | 1.560   |      | -7.7           |              | 94225 | 502  | 6.390    |      | 6.940   |      | -7.9           |              | 95310 | 501  | 5.940    |      | 6.460   |      | -8.0           |              |
| 92338 | 501  | 1.290    |      | 1.400   |      | -7.9           |              | 94225 | 503  | 6.390    |      | 6.940   |      | -7.9           |              | 95310 | 502  | 5.940    |      | 6.460   |      | -8.0           |              |
| 92338 | 502  | 1.290    |      | 1.400   |      | -7.9           |              | 94276 | 501  | 3.330    |      | 3.610   |      | -7.8           |              | 95310 | 503  | 5.940    |      | 6.460   |      | -8.0           |              |
| 92338 | 503  | 1.290    |      | 1.400   |      | -7.9           |              | 94276 | 502  | 3.330    |      | 3.610   |      | -7.8           |              | 95357 | 501  | 0.770    |      | 0.880   |      | -12.5          |              |
| 92445 | 501  | 1.520    |      | 1.720   |      | -11.6          |              | 94276 | 503  | 3.330    |      | 3.610   |      | -7.8           |              | 95357 | 502  | 0.770    |      | 0.880   |      | -12.5          |              |
| 92445 | 502  | 1.520    |      | 1.720   |      | -11.6          |              | 94304 | 501  | 1.280    |      | 1.390   |      | -7.9           |              | 95357 | 503  | 0.770    |      | 0.880   |      | -12.5          |              |
| 92445 | 503  | 1.520    |      | 1.720   |      | -11.6          |              | 94304 | 502  | 1.280    |      | 1.390   |      | -7.9           |              | 95410 | 501  | 3.210    |      | 3.490   |      | -8.0           |              |
| 92446 | 501  | 4.250    |      | 4.610   |      | -7.8           |              | 94304 | 503  | 1.280    |      | 1.390   |      | -7.9           |              | 95410 | 502  | 3.210    |      | 3.490   |      | -8.0           |              |
| 92446 | 502  | 4.250    |      | 4.610   |      | -7.8           |              | 94381 | 501  | 2.400    |      | 2.610   |      | -8.0           |              | 95410 | 503  | 3.210    |      | 3.490   |      | -8.0           |              |
| 92446 | 503  | 4.250    |      | 4.610   |      | -7.8           |              | 94381 | 502  | 2.400    |      | 2.610   |      | -8.0           |              | 95455 | 501  | 3.200    |      | 3.630   |      | -11.8          |              |
| 92447 | 501  | 3.710    |      | 4.030   |      | -7.9           |              | 94381 | 503  | 2.400    |      | 2.610   |      | -8.0           |              | 95455 | 502  | 3.200    |      | 3.630   |      | -11.8          |              |
| 92447 | 502  | 3.710    |      | 4.030   |      | -7.9           |              | 94404 | 501  | 3.150    |      | 3.420   |      | -7.9           |              | 95455 | 503  | 3.200    |      | 3.630   |      | -11.8          |              |
| 92447 | 503  | 3.710    |      | 4.030   |      | -7.9           |              | 94404 | 502  | 3.150    |      | 3.420   |      | -7.9           |              | 95487 | 501  | 1.720    |      | 1.870   |      | -8.0           |              |
| 92451 | 501  | 1.000    |      | 1.090   |      | -8.3           |              | 94404 | 503  | 3.150    |      | 3.420   |      | -7.9           |              | 95487 | 502  | 1.720    |      | 1.870   |      | -8.0           |              |
| 92451 | 502  | 1.000    |      | 1.090   |      | -8.3           |              | 94569 | 501  | 2.130    |      | 2.310   |      | -7.8           |              | 95487 | 503  | 1.720    |      | 1.870   |      | -8.0           |              |
| 92451 | 503  | 1.000    |      | 1.090   |      | -8.3           |              | 94569 | 502  | 2.130    |      | 2.310   |      | -7.8           |              | 95505 | 501  | 1.490    |      | 1.690   |      | -11.8          |              |
| 92453 | 501  | 2.350    |      | 2.550   |      | -7.8           |              | 94569 | 503  | 2.130    |      | 2.310   |      | -7.8           |              | 95505 | 502  | 1.490    |      | 1.690   |      | -11.8          |              |
| 92453 | 502  | 2.350    |      | 2.550   |      | -7.8           |              | 94590 | 501  | 9.180    |      | 9.970   |      | -7.9           |              | 95505 | 503  | 1.490    |      | 1.690   |      | -11.8          |              |
| 92453 | 503  | 2.350    |      | 2.550   |      | -7.8           |              | 94590 | 502  | 9.180    |      | 9.970   |      | -7.9           |              | 95620 | 501  | 1.400    |      | 1.520   |      | -7.9           |              |
| 92478 | 501  | 1.160    |      | 1.260   |      | -7.9           |              | 94590 | 503  | 9.180    |      | 9.970   |      | -7.9           |              | 95620 | 502  | 1.400    |      | 1.520   |      | -7.9           |              |
| 92478 | 502  | 1.160    |      | 1.260   |      | -7.9           |              | 94617 | 501  | 2.900    |      | 3.150   |      | -7.9           |              | 95620 | 503  | 1.400    |      | 1.520   |      | -7.9           |              |
| 92478 | 503  | 1.160    |      | 1.260   |      | -7.9           |              | 94617 | 502  | 2.900    |      | 3.150   |      | -7.9           |              | 95625 | 501  | 3.630    |      | 3.970   |      | -8.6           |              |
| 92593 | 501  | 13.200   |      | 14.300  |      | -7.7           |              | 94617 | 503  | 2.900    |      | 3.150   |      | -7.9           |              | 95625 | 502  | 3.630    |      | 3.970   |      | -8.6           |              |
| 92593 | 502  | 13.200   |      | 14.300  |      | -7.7           |              | 95124 | 501  | 1.070    |      | 1.160   |      | -7.8           |              | 95625 | 503  | 3.630    |      | 3.970   |      | -8.6           |              |
| 92593 | 503  | 13.200   |      | 14.300  |      | -7.7           |              | 95124 | 502  | 1.070    |      | 1.160   |      | -7.8           |              | 95647 | 501  | 1.210    |      | 1.310   |      | -7.6           |              |
| 92663 | 501  | 0.360    |      | 0.410   |      | -12.2          |              | 95124 | 503  | 1.070    |      | 1.160   |      | -7.8           |              | 95647 | 502  | 1.210    |      | 1.310   |      | -7.6           |              |
| 92663 | 502  | 0.360    |      | 0.410   |      | -12.2          |              | 95233 | 501  | 2.290    |      | 2.490   |      | -8.0           |              | 95647 | 503  | 1.210    |      | 1.310   |      | -7.6           |              |

L - Lower Cap Applied  
 U - Upper Cap Applied  
 N - Not Subject to Capping  
 E - Subject to Capping Exception

LOSS COST PERCENT CHANGE BY CLASS

| Class | Terr | Proposed |      | Present |      | Percent Change | Capping Flag | Class | Terr | Proposed |      | Present |      | Percent Change | Capping Flag | Class | Terr | Proposed |      | Present |      | Percent Change | Capping Flag |
|-------|------|----------|------|---------|------|----------------|--------------|-------|------|----------|------|---------|------|----------------|--------------|-------|------|----------|------|---------|------|----------------|--------------|
|       |      | Loss     | Cost | Loss    | Cost |                |              |       |      | Loss     | Cost | Loss    | Cost |                |              |       |      | Loss     | Cost | Loss    | Cost |                |              |
| 96053 | 501  | 0.920    |      | 1.000   |      | -8.0           |              | 97111 | 503  | 3.840    |      | 4.170   |      | -7.9           |              | 98002 | 502  | 0.520    |      | 0.590   |      | -11.9          |              |
| 96053 | 502  | 0.920    |      | 1.000   |      | -8.0           |              | 97220 | 501  | 0.207    |      | 0.234   |      | -11.5          |              | 98002 | 503  | 0.520    |      | 0.590   |      | -11.9          |              |
| 96053 | 503  | 0.920    |      | 1.000   |      | -8.0           |              | 97220 | 502  | 0.207    |      | 0.234   |      | -11.5          |              | 98003 | 501  | 0.710    |      | 0.770   |      | -7.8           |              |
| 96317 | 501  | 0.800    |      | 0.910   |      | -12.1          |              | 97220 | 503  | 0.207    |      | 0.234   |      | -11.5          |              | 98003 | 502  | 0.710    |      | 0.770   |      | -7.8           |              |
| 96317 | 502  | 0.800    |      | 0.910   |      | -12.1          |              | 97222 | 501  | 0.660    |      | 0.720   |      | -8.3           |              | 98003 | 503  | 0.710    |      | 0.770   |      | -7.8           |              |
| 96317 | 503  | 0.800    |      | 0.910   |      | -12.1          |              | 97222 | 502  | 0.660    |      | 0.720   |      | -8.3           |              | 98090 | 501  | 0.095    |      | 0.104   |      | -8.7           |              |
| 96408 | 501  | 2.780    |      | 3.020   |      | -7.9           |              | 97222 | 503  | 0.660    |      | 0.720   |      | -8.3           |              | 98090 | 502  | 0.095    |      | 0.104   |      | -8.7           |              |
| 96408 | 502  | 2.780    |      | 3.020   |      | -7.9           |              | 97223 | 501  | 1.000    |      | 1.090   |      | -8.3           |              | 98090 | 503  | 0.095    |      | 0.104   |      | -8.7           |              |
| 96408 | 503  | 2.780    |      | 3.020   |      | -7.9           |              | 97223 | 502  | 1.000    |      | 1.090   |      | -8.3           |              | 98091 | 501  | 0.104    |      | 0.112   |      | -7.1           |              |
| 96409 | 501  | 2.570    |      | 2.790   |      | -7.9           |              | 97223 | 503  | 1.000    |      | 1.090   |      | -8.3           |              | 98091 | 502  | 0.104    |      | 0.112   |      | -7.1           |              |
| 96409 | 502  | 2.570    |      | 2.790   |      | -7.9           |              | 97308 | 501  | 0.390    |      | 0.440   |      | -11.4          |              | 98091 | 503  | 0.104    |      | 0.112   |      | -7.1           |              |
| 96409 | 503  | 2.570    |      | 2.790   |      | -7.9           |              | 97308 | 502  | 0.390    |      | 0.440   |      | -11.4          |              | 98092 | 501  | 0.310    |      | 0.340   |      | -8.8           |              |
| 96410 | 501  | 2.260    |      | 2.450   |      | -7.8           |              | 97308 | 503  | 0.390    |      | 0.440   |      | -11.4          |              | 98092 | 502  | 0.310    |      | 0.340   |      | -8.8           |              |
| 96410 | 502  | 2.260    |      | 2.450   |      | -7.8           |              | 97447 | 501  | 1.270    |      | 1.440   |      | -11.8          |              | 98092 | 503  | 0.310    |      | 0.340   |      | -8.8           |              |
| 96410 | 503  | 2.260    |      | 2.450   |      | -7.8           |              | 97447 | 502  | 1.270    |      | 1.440   |      | -11.8          |              | 98111 | 501  | 0.250    |      | 0.280   |      | -10.7          |              |
| 96611 | 501  | 0.770    |      | 0.840   |      | -8.3           |              | 97447 | 503  | 1.270    |      | 1.440   |      | -11.8          |              | 98111 | 502  | 0.250    |      | 0.280   |      | -10.7          |              |
| 96611 | 502  | 0.770    |      | 0.840   |      | -8.3           |              | 97650 | 501  | 2.650    |      | 2.880   |      | -8.0           |              | 98111 | 503  | 0.250    |      | 0.280   |      | -10.7          |              |
| 96611 | 503  | 0.770    |      | 0.840   |      | -8.3           |              | 97650 | 502  | 2.650    |      | 2.880   |      | -8.0           |              | 98152 | 501  | 1.770    |      | 2.000   |      | -11.5          |              |
| 96702 | 501  | 3.200    |      | 3.480   |      | -8.0           |              | 97650 | 503  | 2.650    |      | 2.880   |      | -8.0           |              | 98152 | 502  | 1.770    |      | 2.000   |      | -11.5          |              |
| 96702 | 502  | 3.200    |      | 3.480   |      | -8.0           |              | 97651 | 501  | 3.750    |      | 4.250   |      | -11.8          |              | 98152 | 503  | 1.770    |      | 2.000   |      | -11.5          |              |
| 96702 | 503  | 3.200    |      | 3.480   |      | -8.0           |              | 97651 | 502  | 3.750    |      | 4.250   |      | -11.8          |              | 98153 | 501  | 1.990    |      | 2.250   |      | -11.6          |              |
| 96816 | 501  | 3.000    |      | 3.260   |      | -8.0           |              | 97651 | 503  | 3.750    |      | 4.250   |      | -11.8          |              | 98153 | 502  | 1.990    |      | 2.250   |      | -11.6          |              |
| 96816 | 502  | 3.000    |      | 3.260   |      | -8.0           |              | 97652 | 501  | 3.260    |      | 3.690   |      | -11.7          |              | 98153 | 503  | 1.990    |      | 2.250   |      | -11.6          |              |
| 96816 | 503  | 3.000    |      | 3.260   |      | -8.0           |              | 97652 | 502  | 3.260    |      | 3.690   |      | -11.7          |              | 98154 | 501  | 2.350    |      | 2.660   |      | -11.7          |              |
| 96872 | 501  | 2.840    |      | 3.220   |      | -11.8          |              | 97652 | 503  | 3.260    |      | 3.690   |      | -11.7          |              | 98154 | 502  | 2.350    |      | 2.660   |      | -11.7          |              |
| 96872 | 502  | 2.840    |      | 3.220   |      | -11.8          |              | 97653 | 501  | 2.270    |      | 2.460   |      | -7.7           |              | 98154 | 503  | 2.350    |      | 2.660   |      | -11.7          |              |
| 96872 | 503  | 2.840    |      | 3.220   |      | -11.8          |              | 97653 | 502  | 2.270    |      | 2.460   |      | -7.7           |              | 98155 | 501  | 3.280    |      | 3.720   |      | -11.8          |              |
| 97047 | 501  | 2.340    |      | 2.550   |      | -8.2           |              | 97653 | 503  | 2.270    |      | 2.460   |      | -7.7           |              | 98155 | 502  | 3.280    |      | 3.720   |      | -11.8          |              |
| 97047 | 502  | 2.340    |      | 2.550   |      | -8.2           |              | 97654 | 501  | 3.950    |      | 4.300   |      | -8.1           |              | 98155 | 503  | 3.280    |      | 3.720   |      | -11.8          |              |
| 97047 | 503  | 2.340    |      | 2.550   |      | -8.2           |              | 97654 | 502  | 3.950    |      | 4.300   |      | -8.1           |              | 98157 | 501  | 2.100    |      | 2.380   |      | -11.8          |              |
| 97050 | 501  | 1.820    |      | 1.980   |      | -8.1           |              | 97654 | 503  | 3.950    |      | 4.300   |      | -8.1           |              | 98157 | 502  | 2.100    |      | 2.380   |      | -11.8          |              |
| 97050 | 502  | 1.820    |      | 1.980   |      | -8.1           |              | 97655 | 501  | 2.900    |      | 3.280   |      | -11.6          |              | 98157 | 503  | 2.100    |      | 2.380   |      | -11.8          |              |
| 97050 | 503  | 1.820    |      | 1.980   |      | -8.1           |              | 97655 | 502  | 2.900    |      | 3.280   |      | -11.6          |              | 98159 | 501  | 1.410    |      | 1.590   |      | -11.3          |              |
| 97111 | 501  | 3.840    |      | 4.170   |      | -7.9           |              | 97655 | 503  | 2.900    |      | 3.280   |      | -11.6          |              | 98159 | 502  | 1.410    |      | 1.590   |      | -11.3          |              |
| 97111 | 502  | 3.840    |      | 4.170   |      | -7.9           |              | 98002 | 501  | 0.520    |      | 0.590   |      | -11.9          |              | 98159 | 503  | 1.410    |      | 1.590   |      | -11.3          |              |

L - Lower Cap Applied  
 U - Upper Cap Applied  
 N - Not Subject to Capping  
 E - Subject to Capping Exception

LOSS COST PERCENT CHANGE BY CLASS

| Class | Terr | Proposed | Present | Percent | Capping | Class | Terr | Proposed | Present | Percent | Capping | Class | Terr | Proposed | Present | Percent | Capping |
|-------|------|----------|---------|---------|---------|-------|------|----------|---------|---------|---------|-------|------|----------|---------|---------|---------|
|       |      | Loss     | Cost    | Change  | Flag    |       |      | Loss     | Cost    | Change  | Flag    |       |      | Loss     | Cost    | Change  | Flag    |
| 98160 | 501  | 2.980    | 3.380   | -11.8   |         | 98309 | 503  | 3.310    | 3.750   | -11.7   |         | 98449 | 502  | 2.570    | 2.790   | -7.9    |         |
| 98160 | 502  | 2.980    | 3.380   | -11.8   |         | 98344 | 501  | 0.520    | 0.570   | -8.8    |         | 98449 | 503  | 2.570    | 2.790   | -7.9    |         |
| 98160 | 503  | 2.980    | 3.380   | -11.8   |         | 98344 | 502  | 0.520    | 0.570   | -8.8    |         | 98482 | 501  | 2.760    | 2.990   | -7.7    |         |
| 98161 | 501  | 3.340    | 3.780   | -11.6   |         | 98344 | 503  | 0.520    | 0.570   | -8.8    |         | 98482 | 502  | 2.760    | 2.990   | -7.7    |         |
| 98161 | 502  | 3.340    | 3.780   | -11.6   |         | 98405 | 501  | 0.860    | 0.940   | -8.5    |         | 98482 | 503  | 2.760    | 2.990   | -7.7    |         |
| 98161 | 503  | 3.340    | 3.780   | -11.6   |         | 98405 | 502  | 0.860    | 0.940   | -8.5    |         | 98483 | 501  | 4.070    | 4.420   | -7.9    |         |
| 98163 | 501  | 3.500    | 3.970   | -11.8   |         | 98405 | 503  | 0.860    | 0.940   | -8.5    |         | 98483 | 502  | 4.070    | 4.420   | -7.9    |         |
| 98163 | 502  | 3.500    | 3.970   | -11.8   |         | 98413 | 501  | 10.400   | 11.300  | -8.0    |         | 98483 | 503  | 4.070    | 4.420   | -7.9    |         |
| 98163 | 503  | 3.500    | 3.970   | -11.8   |         | 98413 | 502  | 10.400   | 11.300  | -8.0    |         | 98502 | 501  | 3.900    | 4.230   | -7.8    |         |
| 98164 | 501  | 0.850    | 0.920   | -7.6    |         | 98413 | 503  | 10.400   | 11.300  | -8.0    |         | 98502 | 502  | 3.900    | 4.230   | -7.8    |         |
| 98164 | 502  | 0.850    | 0.920   | -7.6    |         | 98414 | 501  | 9.560    | 10.400  | -8.1    |         | 98502 | 503  | 3.900    | 4.230   | -7.8    |         |
| 98164 | 503  | 0.850    | 0.920   | -7.6    |         | 98414 | 502  | 9.560    | 10.400  | -8.1    |         | 98555 | 501  | 1.810    | 1.970   | -8.1    |         |
| 98257 | 501  | 1.070    | 1.160   | -7.8    |         | 98414 | 503  | 9.560    | 10.400  | -8.1    |         | 98555 | 502  | 1.810    | 1.970   | -8.1    |         |
| 98257 | 502  | 1.070    | 1.160   | -7.8    |         | 98415 | 501  | 1.260    | 1.360   | -7.4    |         | 98555 | 503  | 1.810    | 1.970   | -8.1    |         |
| 98257 | 503  | 1.070    | 1.160   | -7.8    |         | 98415 | 502  | 1.260    | 1.360   | -7.4    |         | 98597 | 501  | 0.410    | 0.440   | -6.8    |         |
| 98303 | 501  | 6.590    | 7.470   | -11.8   |         | 98415 | 503  | 1.260    | 1.360   | -7.4    |         | 98597 | 502  | 0.410    | 0.440   | -6.8    |         |
| 98303 | 502  | 6.590    | 7.470   | -11.8   |         | 98423 | 501  | 2.990    | 3.250   | -8.0    |         | 98597 | 503  | 0.410    | 0.440   | -6.8    |         |
| 98303 | 503  | 6.590    | 7.470   | -11.8   |         | 98423 | 502  | 2.990    | 3.250   | -8.0    |         | 98598 | 501  | 0.140    | 0.152   | -7.9    |         |
| 98304 | 501  | 3.970    | 4.310   | -7.9    |         | 98423 | 503  | 2.990    | 3.250   | -8.0    |         | 98598 | 502  | 0.140    | 0.152   | -7.9    |         |
| 98304 | 502  | 3.970    | 4.310   | -7.9    |         | 98424 | 501  | 5.070    | 5.510   | -8.0    |         | 98598 | 503  | 0.140    | 0.152   | -7.9    |         |
| 98304 | 503  | 3.970    | 4.310   | -7.9    |         | 98424 | 502  | 5.070    | 5.510   | -8.0    |         | 98601 | 501  | 4.660    | 5.070   | -8.1    |         |
| 98305 | 501  | 1.880    | 2.050   | -8.3    |         | 98424 | 503  | 5.070    | 5.510   | -8.0    |         | 98601 | 502  | 4.660    | 5.070   | -8.1    |         |
| 98305 | 502  | 1.880    | 2.050   | -8.3    |         | 98425 | 501  | 2.080    | 2.260   | -8.0    |         | 98601 | 503  | 4.660    | 5.070   | -8.1    |         |
| 98305 | 503  | 1.880    | 2.050   | -8.3    |         | 98425 | 502  | 2.080    | 2.260   | -8.0    |         | 98624 | 501  | 0.730    | 0.800   | -8.8    |         |
| 98306 | 501  | 4.840    | 5.280   | -8.3    |         | 98425 | 503  | 2.080    | 2.260   | -8.0    |         | 98624 | 502  | 0.730    | 0.800   | -8.8    |         |
| 98306 | 502  | 4.840    | 5.280   | -8.3    |         | 98426 | 501  | 1.840    | 2.000   | -8.0    |         | 98624 | 503  | 0.730    | 0.800   | -8.8    |         |
| 98306 | 503  | 4.840    | 5.280   | -8.3    |         | 98426 | 502  | 1.840    | 2.000   | -8.0    |         | 98636 | 501  | 1.230    | 1.340   | -8.2    |         |
| 98307 | 501  | 1.260    | 1.360   | -7.4    |         | 98426 | 503  | 1.840    | 2.000   | -8.0    |         | 98636 | 502  | 1.230    | 1.340   | -8.2    |         |
| 98307 | 502  | 1.260    | 1.360   | -7.4    |         | 98427 | 501  | 1.790    | 1.950   | -8.2    |         | 98636 | 503  | 1.230    | 1.340   | -8.2    |         |
| 98307 | 503  | 1.260    | 1.360   | -7.4    |         | 98427 | 502  | 1.790    | 1.950   | -8.2    |         | 98640 | 501  | 80.400   | 87.400  | -8.0    |         |
| 98308 | 501  | 0.830    | 0.900   | -7.8    |         | 98427 | 503  | 1.790    | 1.950   | -8.2    |         | 98640 | 502  | 80.400   | 87.400  | -8.0    |         |
| 98308 | 502  | 0.830    | 0.900   | -7.8    |         | 98429 | 501  | 0.690    | 0.780   | -11.5   |         | 98640 | 503  | 80.400   | 87.400  | -8.0    |         |
| 98308 | 503  | 0.830    | 0.900   | -7.8    |         | 98429 | 502  | 0.690    | 0.780   | -11.5   |         | 98658 | 501  | 3.390    | 3.850   | -11.9   |         |
| 98309 | 501  | 3.310    | 3.750   | -11.7   |         | 98429 | 503  | 0.690    | 0.780   | -11.5   |         | 98658 | 502  | 3.390    | 3.850   | -11.9   |         |
| 98309 | 502  | 3.310    | 3.750   | -11.7   |         | 98449 | 501  | 2.570    | 2.790   | -7.9    |         | 98658 | 503  | 3.390    | 3.850   | -11.9   |         |

L - Lower Cap Applied  
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 N - Not Subject to Capping  
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LOSS COST PERCENT CHANGE BY CLASS

| Class | Terr | Proposed |      | Present |      | Percent Change | Capping Flag | Class | Terr | Proposed |      | Present |      | Percent Change | Capping Flag | Class | Terr | Proposed |      | Present |      | Percent Change | Capping Flag |
|-------|------|----------|------|---------|------|----------------|--------------|-------|------|----------|------|---------|------|----------------|--------------|-------|------|----------|------|---------|------|----------------|--------------|
|       |      | Loss     | Cost | Loss    | Cost |                |              |       |      | Loss     | Cost | Loss    | Cost |                |              |       |      | Loss     | Cost | Loss    | Cost |                |              |
| 98659 | 501  | 0.610    |      | 0.690   |      | -11.6          |              | 98820 | 503  | 6.350    |      | 6.900   |      | -8.0           |              | 99220 | 502  | 0.910    |      | 1.030   |      | -11.7          |              |
| 98659 | 502  | 0.610    |      | 0.690   |      | -11.6          |              | 98884 | 501  | 1.650    |      | 1.790   |      | -7.8           |              | 99220 | 503  | 0.910    |      | 1.030   |      | -11.7          |              |
| 98659 | 503  | 0.610    |      | 0.690   |      | -11.6          |              | 98884 | 502  | 1.650    |      | 1.790   |      | -7.8           |              | 99222 | 501  | 1.710    |      | 1.940   |      | -11.9          |              |
| 98677 | 501  | 12.700   |      | 13.800  |      | -8.0           |              | 98884 | 503  | 1.650    |      | 1.790   |      | -7.8           |              | 99222 | 502  | 1.710    |      | 1.940   |      | -11.9          |              |
| 98677 | 502  | 12.700   |      | 13.800  |      | -8.0           |              | 98914 | 501  | 0.410    |      | 0.470   |      | -12.8          |              | 99222 | 503  | 1.710    |      | 1.940   |      | -11.9          |              |
| 98677 | 503  | 12.700   |      | 13.800  |      | -8.0           |              | 98914 | 502  | 0.410    |      | 0.470   |      | -12.8          |              | 99223 | 501  | 0.186    |      | 0.202   |      | -7.9           |              |
| 98678 | 501  | 11.300   |      | 12.200  |      | -7.4           |              | 98914 | 503  | 0.410    |      | 0.470   |      | -12.8          |              | 99223 | 502  | 0.186    |      | 0.202   |      | -7.9           |              |
| 98678 | 502  | 11.300   |      | 12.200  |      | -7.4           |              | 98949 | 501  | 0.580    |      | 0.660   |      | -12.1          |              | 99223 | 503  | 0.186    |      | 0.202   |      | -7.9           |              |
| 98678 | 503  | 11.300   |      | 12.200  |      | -7.4           |              | 98949 | 502  | 0.580    |      | 0.660   |      | -12.1          |              | 99303 | 501  | 10.100   |      | 11.000  |      | -8.2           |              |
| 98699 | 501  | 3.660    |      | 3.980   |      | -8.0           |              | 98949 | 503  | 0.580    |      | 0.660   |      | -12.1          |              | 99303 | 502  | 10.100   |      | 11.000  |      | -8.2           |              |
| 98699 | 502  | 3.660    |      | 3.980   |      | -8.0           |              | 98967 | 501  | 2.590    |      | 2.820   |      | -8.2           |              | 99303 | 503  | 10.100   |      | 11.000  |      | -8.2           |              |
| 98699 | 503  | 3.660    |      | 3.980   |      | -8.0           |              | 98967 | 502  | 2.590    |      | 2.820   |      | -8.2           |              | 99310 | 501  | 2.540    |      | 2.750   |      | -7.6           |              |
| 98705 | 501  | 4.800    |      | 5.440   |      | -11.8          |              | 98967 | 503  | 2.590    |      | 2.820   |      | -8.2           |              | 99310 | 502  | 2.540    |      | 2.750   |      | -7.6           |              |
| 98705 | 502  | 4.800    |      | 5.440   |      | -11.8          |              | 98993 | 501  | 2.360    |      | 2.560   |      | -7.8           |              | 99310 | 503  | 2.540    |      | 2.750   |      | -7.6           |              |
| 98705 | 503  | 4.800    |      | 5.440   |      | -11.8          |              | 98993 | 502  | 2.360    |      | 2.560   |      | -7.8           |              | 99315 | 501  | 7.460    |      | 8.100   |      | -7.9           |              |
| 98710 | 501  | 2.550    |      | 2.770   |      | -7.9           |              | 98993 | 503  | 2.360    |      | 2.560   |      | -7.8           |              | 99315 | 502  | 7.460    |      | 8.100   |      | -7.9           |              |
| 98710 | 502  | 2.550    |      | 2.770   |      | -7.9           |              | 99003 | 501  | 1.230    |      | 1.340   |      | -8.2           |              | 99315 | 503  | 7.460    |      | 8.100   |      | -7.9           |              |
| 98710 | 503  | 2.550    |      | 2.770   |      | -7.9           |              | 99003 | 502  | 1.230    |      | 1.340   |      | -8.2           |              | 99321 | 501  | 7.230    |      | 7.860   |      | -8.0           |              |
| 98751 | 501  | 2.570    |      | 2.910   |      | -11.7          |              | 99003 | 503  | 1.230    |      | 1.340   |      | -8.2           |              | 99321 | 502  | 7.230    |      | 7.860   |      | -8.0           |              |
| 98751 | 502  | 2.570    |      | 2.910   |      | -11.7          |              | 99004 | 501  | 2.130    |      | 2.320   |      | -8.2           |              | 99321 | 503  | 7.230    |      | 7.860   |      | -8.0           |              |
| 98751 | 503  | 2.570    |      | 2.910   |      | -11.7          |              | 99004 | 502  | 2.130    |      | 2.320   |      | -8.2           |              | 99471 | 501  | 0.410    |      | 0.470   |      | -12.8          |              |
| 98805 | 501  | 3.330    |      | 3.610   |      | -7.8           |              | 99004 | 503  | 2.130    |      | 2.320   |      | -8.2           |              | 99471 | 502  | 0.410    |      | 0.470   |      | -12.8          |              |
| 98805 | 502  | 3.330    |      | 3.610   |      | -7.8           |              | 99080 | 501  | 0.870    |      | 0.950   |      | -8.4           |              | 99471 | 503  | 0.410    |      | 0.470   |      | -12.8          |              |
| 98805 | 503  | 3.330    |      | 3.610   |      | -7.8           |              | 99080 | 502  | 0.870    |      | 0.950   |      | -8.4           |              | 99505 | 501  | 1.990    |      | 2.160   |      | -7.9           |              |
| 98806 | 501  | 1.150    |      | 1.250   |      | -8.0           |              | 99080 | 503  | 0.870    |      | 0.950   |      | -8.4           |              | 99505 | 502  | 1.990    |      | 2.160   |      | -7.9           |              |
| 98806 | 502  | 1.150    |      | 1.250   |      | -8.0           |              | 99111 | 501  | 1.270    |      | 1.380   |      | -8.0           |              | 99505 | 503  | 1.990    |      | 2.160   |      | -7.9           |              |
| 98806 | 503  | 1.150    |      | 1.250   |      | -8.0           |              | 99111 | 502  | 1.270    |      | 1.380   |      | -8.0           |              | 99506 | 501  | 2.450    |      | 2.660   |      | -7.9           |              |
| 98810 | 501  | 2.650    |      | 2.890   |      | -8.3           |              | 99111 | 503  | 1.270    |      | 1.380   |      | -8.0           |              | 99506 | 502  | 2.450    |      | 2.660   |      | -7.9           |              |
| 98810 | 502  | 2.650    |      | 2.890   |      | -8.3           |              | 99163 | 501  | 3.020    |      | 3.290   |      | -8.2           |              | 99506 | 503  | 2.450    |      | 2.660   |      | -7.9           |              |
| 98810 | 503  | 2.650    |      | 2.890   |      | -8.3           |              | 99163 | 502  | 3.020    |      | 3.290   |      | -8.2           |              | 99507 | 501  | 2.140    |      | 2.320   |      | -7.8           |              |
| 98813 | 501  | 2.560    |      | 2.790   |      | -8.2           |              | 99163 | 503  | 3.020    |      | 3.290   |      | -8.2           |              | 99507 | 502  | 2.140    |      | 2.320   |      | -7.8           |              |
| 98813 | 502  | 2.560    |      | 2.790   |      | -8.2           |              | 99165 | 501  | 0.660    |      | 0.720   |      | -8.3           |              | 99507 | 503  | 2.140    |      | 2.320   |      | -7.8           |              |
| 98813 | 503  | 2.560    |      | 2.790   |      | -8.2           |              | 99165 | 502  | 0.660    |      | 0.720   |      | -8.3           |              | 99570 | 501  | 1.150    |      | 1.250   |      | -8.0           |              |
| 98820 | 501  | 6.350    |      | 6.900   |      | -8.0           |              | 99165 | 503  | 0.660    |      | 0.720   |      | -8.3           |              | 99570 | 502  | 1.150    |      | 1.250   |      | -8.0           |              |
| 98820 | 502  | 6.350    |      | 6.900   |      | -8.0           |              | 99220 | 501  | 0.910    |      | 1.030   |      | -11.7          |              | 99570 | 503  | 1.150    |      | 1.250   |      | -8.0           |              |

L - Lower Cap Applied  
 U - Upper Cap Applied  
 N - Not Subject to Capping  
 E - Subject to Capping Exception

LOSS COST PERCENT CHANGE BY CLASS

|       |      | Proposed |      | Present |      | Percent | Capping |       |      |       | Proposed |       | Present |        | Percent | Capping |      |       |      | Proposed |      | Present |      | Percent | Capping |      |      |      |      |        |      |
|-------|------|----------|------|---------|------|---------|---------|-------|------|-------|----------|-------|---------|--------|---------|---------|------|-------|------|----------|------|---------|------|---------|---------|------|------|------|------|--------|------|
| Class | Terr | Loss     | Cost | Loss    | Cost | Change  | Flag    | Class | Terr | Loss  | Cost     | Loss  | Cost    | Change | Flag    | Class   | Terr | Loss  | Cost | Loss     | Cost | Change  | Flag | Class   | Terr    | Loss | Cost | Loss | Cost | Change | Flag |
| 99571 | 501  | 0.280    |      | 0.300   |      | -6.7    |         | 99760 | 503  | 0.198 |          | 0.215 |         | -7.9   |         | 99953   | 502  | 4.190 |      | 4.570    |      | -8.3    |      |         |         |      |      |      |      |        |      |
| 99571 | 502  | 0.280    |      | 0.300   |      | -6.7    |         | 99777 | 501  | 4.590 |          | 5.010 |         | -8.4   |         | 99953   | 503  | 4.190 |      | 4.570    |      | -8.3    |      |         |         |      |      |      |      |        |      |
| 99571 | 503  | 0.280    |      | 0.300   |      | -6.7    |         | 99777 | 502  | 4.590 |          | 5.010 |         | -8.4   |         | 99954   | 501  | 3.050 |      | 3.330    |      | -8.4    |      |         |         |      |      |      |      |        |      |
| 99572 | 501  | 0.540    |      | 0.590   |      | -8.5    |         | 99777 | 503  | 4.590 |          | 5.010 |         | -8.4   |         | 99954   | 502  | 3.050 |      | 3.330    |      | -8.4    |      |         |         |      |      |      |      |        |      |
| 99572 | 502  | 0.540    |      | 0.590   |      | -8.5    |         | 99793 | 501  | 2.200 |          | 2.390 |         | -7.9   |         | 99954   | 503  | 3.050 |      | 3.330    |      | -8.4    |      |         |         |      |      |      |      |        |      |
|       |      |          |      |         |      |         |         |       |      |       |          |       |         |        |         |         |      |       |      |          |      |         |      |         |         |      |      |      |      |        |      |
| 99572 | 503  | 0.540    |      | 0.590   |      | -8.5    |         | 99793 | 502  | 2.200 |          | 2.390 |         | -7.9   |         | 99955   | 501  | 3.820 |      | 4.170    |      | -8.4    |      |         |         |      |      |      |      |        |      |
| 99573 | 501  | 0.520    |      | 0.560   |      | -7.1    |         | 99793 | 503  | 2.200 |          | 2.390 |         | -7.9   |         | 99955   | 502  | 3.820 |      | 4.170    |      | -8.4    |      |         |         |      |      |      |      |        |      |
| 99573 | 502  | 0.520    |      | 0.560   |      | -7.1    |         | 99826 | 501  | 0.520 |          | 0.570 |         | -8.8   |         | 99955   | 503  | 3.820 |      | 4.170    |      | -8.4    |      |         |         |      |      |      |      |        |      |
| 99573 | 503  | 0.520    |      | 0.560   |      | -7.1    |         | 99826 | 502  | 0.520 |          | 0.570 |         | -8.8   |         | 99963   | 501  | 0.500 |      | 0.540    |      | -7.4    |      |         |         |      |      |      |      |        |      |
| 99600 | 501  | 0.920    |      | 1.010   |      | -8.9    |         | 99826 | 503  | 0.520 |          | 0.570 |         | -8.8   |         | 99963   | 502  | 0.500 |      | 0.540    |      | -7.4    |      |         |         |      |      |      |      |        |      |
|       |      |          |      |         |      |         |         |       |      |       |          |       |         |        |         |         |      |       |      |          |      |         |      |         |         |      |      |      |      |        |      |
| 99600 | 502  | 0.920    |      | 1.010   |      | -8.9    |         | 99827 | 501  | 0.310 |          | 0.340 |         | -8.8   |         | 99963   | 503  | 0.500 |      | 0.540    |      | -7.4    |      |         |         |      |      |      |      |        |      |
| 99600 | 503  | 0.920    |      | 1.010   |      | -8.9    |         | 99827 | 502  | 0.310 |          | 0.340 |         | -8.8   |         | 99969   | 501  | 1.660 |      | 1.880    |      | -11.7   |      |         |         |      |      |      |      |        |      |
| 99613 | 501  | 6.410    |      | 6.960   |      | -7.9    |         | 99827 | 503  | 0.310 |          | 0.340 |         | -8.8   |         | 99969   | 502  | 1.660 |      | 1.880    |      | -11.7   |      |         |         |      |      |      |      |        |      |
| 99613 | 502  | 6.410    |      | 6.960   |      | -7.9    |         | 99851 | 501  | 1.280 |          | 1.390 |         | -7.9   |         | 99969   | 503  | 1.660 |      | 1.880    |      | -11.7   |      |         |         |      |      |      |      |        |      |
| 99613 | 503  | 6.410    |      | 6.960   |      | -7.9    |         | 99851 | 502  | 1.280 |          | 1.390 |         | -7.9   |         | 99975   | 501  | 3.390 |      | 3.700    |      | -8.4    |      |         |         |      |      |      |      |        |      |
|       |      |          |      |         |      |         |         |       |      |       |          |       |         |        |         |         |      |       |      |          |      |         |      |         |         |      |      |      |      |        |      |
| 99614 | 501  | 2.060    |      | 2.250   |      | -8.4    |         | 99851 | 503  | 1.280 |          | 1.390 |         | -7.9   |         | 99975   | 502  | 3.390 |      | 3.700    |      | -8.4    |      |         |         |      |      |      |      |        |      |
| 99614 | 502  | 2.060    |      | 2.250   |      | -8.4    |         | 99917 | 501  | 2.070 |          | 2.250 |         | -8.0   |         | 99975   | 503  | 3.390 |      | 3.700    |      | -8.4    |      |         |         |      |      |      |      |        |      |
| 99614 | 503  | 2.060    |      | 2.250   |      | -8.4    |         | 99917 | 502  | 2.070 |          | 2.250 |         | -8.0   |         | 99988   | 501  | 1.460 |      | 1.660    |      | -12.0   |      |         |         |      |      |      |      |        |      |
| 99620 | 501  | 0.350    |      | 0.380   |      | -7.9    |         | 99917 | 503  | 2.070 |          | 2.250 |         | -8.0   |         | 99988   | 502  | 1.460 |      | 1.660    |      | -12.0   |      |         |         |      |      |      |      |        |      |
| 99620 | 502  | 0.350    |      | 0.380   |      | -7.9    |         | 99938 | 501  | 2.330 |          | 2.530 |         | -7.9   |         | 99988   | 503  | 1.460 |      | 1.660    |      | -12.0   |      |         |         |      |      |      |      |        |      |
|       |      |          |      |         |      |         |         |       |      |       |          |       |         |        |         |         |      |       |      |          |      |         |      |         |         |      |      |      |      |        |      |
| 99620 | 503  | 0.350    |      | 0.380   |      | -7.9    |         | 99938 | 502  | 2.330 |          | 2.530 |         | -7.9   |         |         |      |       |      |          |      |         |      |         |         |      |      |      |      |        |      |
| 99650 | 501  | 0.540    |      | 0.590   |      | -8.5    |         | 99938 | 503  | 2.330 |          | 2.530 |         | -7.9   |         |         |      |       |      |          |      |         |      |         |         |      |      |      |      |        |      |
| 99650 | 502  | 0.540    |      | 0.590   |      | -8.5    |         | 99943 | 501  | 6.750 |          | 7.330 |         | -7.9   |         |         |      |       |      |          |      |         |      |         |         |      |      |      |      |        |      |
| 99650 | 503  | 0.540    |      | 0.590   |      | -8.5    |         | 99943 | 502  | 6.750 |          | 7.330 |         | -7.9   |         |         |      |       |      |          |      |         |      |         |         |      |      |      |      |        |      |
| 99709 | 501  | 1.340    |      | 1.460   |      | -8.2    |         | 99943 | 503  | 6.750 |          | 7.330 |         | -7.9   |         |         |      |       |      |          |      |         |      |         |         |      |      |      |      |        |      |
|       |      |          |      |         |      |         |         |       |      |       |          |       |         |        |         |         |      |       |      |          |      |         |      |         |         |      |      |      |      |        |      |
| 99709 | 502  | 1.340    |      | 1.460   |      | -8.2    |         | 99946 | 501  | 5.020 |          | 5.460 |         | -8.1   |         |         |      |       |      |          |      |         |      |         |         |      |      |      |      |        |      |
| 99709 | 503  | 1.340    |      | 1.460   |      | -8.2    |         | 99946 | 502  | 5.020 |          | 5.460 |         | -8.1   |         |         |      |       |      |          |      |         |      |         |         |      |      |      |      |        |      |
| 99718 | 501  | 1.020    |      | 1.110   |      | -8.1    |         | 99946 | 503  | 5.020 |          | 5.460 |         | -8.1   |         |         |      |       |      |          |      |         |      |         |         |      |      |      |      |        |      |
| 99718 | 502  | 1.020    |      | 1.110   |      | -8.1    |         | 99948 | 501  | 2.840 |          | 3.080 |         | -7.8   |         |         |      |       |      |          |      |         |      |         |         |      |      |      |      |        |      |
| 99718 | 503  | 1.020    |      | 1.110   |      | -8.1    |         | 99948 | 502  | 2.840 |          | 3.080 |         | -7.8   |         |         |      |       |      |          |      |         |      |         |         |      |      |      |      |        |      |
|       |      |          |      |         |      |         |         |       |      |       |          |       |         |        |         |         |      |       |      |          |      |         |      |         |         |      |      |      |      |        |      |
| 99746 | 501  | 1.730    |      | 1.880   |      | -8.0    |         | 99948 | 503  | 2.840 |          | 3.080 |         | -7.8   |         |         |      |       |      |          |      |         |      |         |         |      |      |      |      |        |      |
| 99746 | 502  | 1.730    |      | 1.880   |      | -8.0    |         | 99952 | 501  | 3.880 |          | 4.230 |         | -8.3   |         |         |      |       |      |          |      |         |      |         |         |      |      |      |      |        |      |
| 99746 | 503  | 1.730    |      | 1.880   |      | -8.0    |         | 99952 | 502  | 3.880 |          | 4.230 |         | -8.3   |         |         |      |       |      |          |      |         |      |         |         |      |      |      |      |        |      |
| 99760 | 501  | 0.198    |      | 0.215   |      | -7.9    |         | 99952 | 503  | 3.880 |          | 4.230 |         | -8.3   |         |         |      |       |      |          |      |         |      |         |         |      |      |      |      |        |      |
| 99760 | 502  | 0.198    |      | 0.215   |      | -7.9    |         | 99953 | 501  | 4.190 |          | 4.570 |         | -8.3   |         |         |      |       |      |          |      |         |      |         |         |      |      |      |      |        |      |

L - Lower Cap Applied  
 U - Upper Cap Applied  
 N - Not Subject to Capping  
 E - Subject to Capping Exception

LOSS COST PERCENT CHANGE BY CLASS

| Class | Proposed Loss | Present Cost | Percent Change | Capping Flag | Class | Proposed Loss | Present Cost | Percent Change | Capping Flag | Class | Proposed Loss | Present Cost | Percent Change | Capping Flag |
|-------|---------------|--------------|----------------|--------------|-------|---------------|--------------|----------------|--------------|-------|---------------|--------------|----------------|--------------|
| 10010 | 0.137         | 0.167        | -18.0          |              | 11259 | 0.160         | 0.128        | +25.0          | U            | 13759 | 0.100         | 0.109        | -8.3           |              |
| 10026 | 0.018         | 0.020        | -10.0          |              | 11288 | 0.076         | 0.071        | +7.0           |              | 13930 | 0.103         | 0.147        | -29.9          |              |
| 10040 | 0.300         | 0.320        | -6.3           |              | 12014 | 0.036         | 0.040        | -10.0          |              | 14068 | 0.008         | 0.010        | -20.0          |              |
| 10042 | 0.310         | 0.340        | -8.8           |              | 12356 | 0.027         | 0.029        | -6.9           |              | 14101 | 0.040         | 0.044        | -9.1           |              |
| 10060 | 0.056         | 0.066        | -15.2          |              | 12361 | 0.063         | 0.066        | -4.6           |              | 14279 | 0.063         | 0.069        | -8.7           |              |
| 10065 | 0.051         | 0.050        | +2.0           |              | 12373 | 0.024         | 0.022        | +9.1           |              | 14401 | 0.099         | 0.092        | +7.6           |              |
| 10066 | 0.064         | 0.070        | -8.6           |              | 12374 | 0.063         | 0.059        | +6.8           |              | 14527 | 0.139         | 0.169        | -17.8          |              |
| 10070 | 0.094         | 0.134        | -29.9          |              | 12375 | 0.044         | 0.041        | +7.3           |              | 14855 | 0.083         | 0.110        | -24.6          |              |
| 10071 | 0.096         | 0.105        | -8.6           |              | 12391 | 0.055         | 0.059        | -6.8           |              | 14913 | 0.129         | 0.140        | -7.9           |              |
| 10073 | 0.440         | 0.480        | -8.3           |              | 12509 | 0.020         | 0.026        | -23.1          |              | 15223 | 0.032         | 0.039        | -18.0          |              |
| 10075 | 0.154         | 0.186        | -17.2          |              | 12510 | 0.022         | 0.025        | -12.0          |              | 15224 | 0.065         | 0.061        | +6.6           |              |
| 10100 | 0.056         | 0.052        | +7.7           |              | 12651 | 0.330         | 0.450        | -26.7          |              | 15406 | 0.065         | 0.056        | +16.1          |              |
| 10101 | 0.136         | 0.160        | -15.0          |              | 12707 | 0.450         | 0.480        | -6.3           |              | 15538 | 0.014         | 0.016        | -12.5          |              |
| 10107 | 0.222         | 0.242        | -8.3           |              | 12797 | 0.153         | 0.177        | -13.6          |              | 15600 | 0.084         | 0.091        | -7.7           |              |
| 10111 | 0.045         | 0.059        | -23.7          |              | 12805 | 0.148         | 0.161        | -8.1           |              | 15608 | 0.009         | 0.010        | -10.0          |              |
| 10115 | 0.071         | 0.077        | -7.8           |              | 13049 | 0.042         | 0.044        | -4.6           |              | 15733 | 0.025         | 0.030        | -16.7          |              |
| 10140 | 0.016         | 0.020        | -20.0          |              | 13111 | 0.067         | 0.080        | -16.3          |              | 15839 | 0.024         | 0.026        | -7.7           |              |
| 10141 | 0.026         | 0.021        | +23.8          |              | 13112 | 0.038         | 0.054        | -29.6          |              | 15991 | 0.065         | 0.071        | -8.5           |              |
| 10145 | 0.010         | 0.008        | +25.0          | U            | 13201 | 0.097         | 0.123        | -21.1          |              | 15993 | 0.041         | 0.045        | -8.9           |              |
| 10146 | 0.017         | 0.016        | +6.3           |              | 13204 | 0.680         | 0.860        | -20.9          |              | 16005 | 0.024         | 0.030        | -20.0          |              |
| 10255 | 0.124         | 0.140        | -11.4          |              | 13205 | 0.270         | 0.340        | -20.6          |              | 16009 | 0.091         | 0.111        | -18.0          |              |
| 10256 | 0.154         | 0.198        | -22.2          |              | 13314 | 0.009         | 0.012        | -25.0          |              | 16403 | 0.142         | 0.155        | -8.4           |              |
| 10257 | 0.148         | 0.146        | +1.4           |              | 13351 | 0.050         | 0.054        | -7.4           |              | 16527 | 0.222         | 0.270        | -17.8          |              |
| 10309 | 0.015         | 0.017        | -11.8          |              | 13352 | 0.035         | 0.039        | -10.3          |              | 16604 | 0.074         | 0.100        | -26.0          |              |
| 10352 | 0.057         | 0.053        | +7.5           |              | 13410 | 1.550         | 1.660        | -6.6           |              | 16676 | 0.013         | 0.014        | -7.1           |              |
| 11020 | 0.177         | 0.193        | -8.3           |              | 13412 | 1.150         | 1.190        | -3.4           |              | 16705 | 0.090         | 0.113        | -20.4          |              |
| 11039 | 0.068         | 0.063        | +7.9           |              | 13506 | 0.061         | 0.067        | -9.0           |              | 16750 | 0.036         | 0.035        | +2.9           |              |
| 11126 | 0.019         | 0.023        | -17.4          |              | 13507 | 0.141         | 0.154        | -8.4           |              | 16900 | 0.079         | 0.074        | +6.8           |              |
| 11127 | 0.008         | 0.009        | -11.1          |              | 13590 | 0.590         | 0.610        | -3.3           |              | 16901 | 0.107         | 0.099        | +8.1           |              |
| 11128 | 0.064         | 0.070        | -8.6           |              | 13621 | 0.320         | 0.340        | -5.9           |              | 16902 | 0.059         | 0.055        | +7.3           |              |
| 11203 | 0.290         | 0.380        | -23.7          |              | 13670 | 0.022         | 0.018        | +22.2          | U            | 16905 | 0.069         | 0.064        | +7.8           |              |
| 11204 | 1.280         | 1.390        | -7.9           |              | 13673 | 0.015         | 0.014        | +7.1           |              | 16906 | 0.098         | 0.091        | +7.7           |              |
| 11234 | 0.053         | 0.058        | -8.6           |              | 13715 | 0.088         | 0.111        | -20.7          |              | 16910 | 0.050         | 0.047        | +6.4           |              |
| 11248 | 0.010         | 0.013        | -23.1          |              | 13716 | 0.094         | 0.103        | -8.7           |              | 16911 | 0.049         | 0.046        | +6.5           |              |
| 11258 | 0.192         | 0.163        | +17.8          |              | 13720 | 0.056         | 0.052        | +7.7           |              | 16915 | 0.048         | 0.045        | +6.7           |              |

L - Lower Cap Applied  
 U - Upper Cap Applied  
 N - Not Subject to Capping  
 E - Subject to Capping Exception

LOSS COST PERCENT CHANGE BY CLASS

| Class | Proposed Loss | Present Cost | Percent Change | Capping Flag | Class | Proposed Loss | Present Cost | Percent Change | Capping Flag | Class | Proposed Loss | Present Cost | Percent Change | Capping Flag |
|-------|---------------|--------------|----------------|--------------|-------|---------------|--------------|----------------|--------------|-------|---------------|--------------|----------------|--------------|
| 16916 | 0.057         | 0.053        | +7.5           |              | 51116 | 0.520         | 0.640        | -18.8          |              | 51666 | 0.059         | 0.085        | -30.6          |              |
| 16920 | 0.111         | 0.102        | +8.8           |              | 51205 | 0.035         | 0.046        | -23.9          |              | 51734 | 0.380         | 0.430        | -11.6          |              |
| 16921 | 0.044         | 0.041        | +7.3           |              | 51206 | 0.400         | 0.370        | +8.1           |              | 51741 | 0.246         | 0.260        | -5.4           |              |
| 16930 | 0.137         | 0.127        | +7.9           |              | 51220 | 1.140         | 1.480        | -23.0          |              | 51752 | 0.137         | 0.141        | -2.8           |              |
| 16931 | 0.058         | 0.054        | +7.4           |              | 51221 | 1.120         | 1.470        | -23.8          |              | 51767 | 0.005         | 0.007        | -28.6          |              |
| 16940 | 0.044         | 0.041        | +7.3           |              | 51222 | 3.290         | 4.760        | -30.9          |              | 51777 | 0.047         | 0.058        | -19.0          |              |
| 16941 | 0.078         | 0.073        | +6.8           |              | 51224 | 0.960         | 1.170        | -18.0          |              | 51808 | 0.430         | 0.530        | -18.9          |              |
| 18078 | 0.129         | 0.141        | -8.5           |              | 51230 | 0.540         | 0.640        | -15.6          |              | 51809 | 0.164         | 0.173        | -5.2           |              |
| 18109 | 0.027         | 0.029        | -6.9           |              | 51240 | 0.193         | 0.215        | -10.2          |              | 51833 | 0.034         | 0.051        | -33.3          |              |
| 18110 | 0.029         | 0.032        | -9.4           |              | 51241 | 0.197         | 0.240        | -17.9          |              | 51869 | 0.102         | 0.138        | -26.1          |              |
| 18205 | 0.390         | 0.390        | 0.0            |              | 51252 | 0.060         | 0.061        | -1.6           |              | 51877 | 0.128         | 0.156        | -18.0          |              |
| 18206 | 0.099         | 0.108        | -8.3           |              | 51254 | 0.019         | 0.025        | -24.0          |              | 51889 | 0.007         | 0.010        | -30.0          |              |
| 18335 | 0.014         | 0.016        | -12.5          |              | 51300 | 0.109         | 0.127        | -14.2          |              | 51896 | 0.013         | 0.017        | -23.5          |              |
| 18435 | 0.062         | 0.058        | +6.9           |              | 51305 | 0.650         | 0.760        | -14.5          |              | 51900 | 0.085         | 0.098        | -13.3          |              |
| 18436 | 0.134         | 0.124        | +8.1           |              | 51315 | 0.059         | 0.080        | -26.3          |              | 51909 | 0.040         | 0.048        | -16.7          |              |
| 18501 | 0.014         | 0.013        | +7.7           |              | 51330 | 0.970         | 0.820        | +18.3          |              | 51926 | 0.036         | 0.041        | -12.2          |              |
| 18506 | 0.005         | 0.006        | -16.7          |              | 51333 | 0.280         | 0.280        | 0.0            |              | 51927 | 0.092         | 0.100        | -8.0           |              |
| 18507 | 0.007         | 0.008        | -12.5          |              | 51350 | 0.095         | 0.115        | -17.4          |              | 51934 | 0.066         | 0.082        | -19.5          |              |
| 18616 | 0.420         | 0.490        | -14.3          |              | 51351 | 0.039         | 0.045        | -13.3          |              | 51941 | 0.025         | 0.034        | -26.5          |              |
| 18707 | 0.005         | 0.006        | -16.7          |              | 51352 | 0.077         | 0.090        | -14.4          |              | 51956 | 0.119         | 0.140        | -15.0          |              |
| 18708 | 0.020         | 0.022        | -9.1           |              | 51355 | 0.081         | 0.082        | -1.2           |              | 51957 | 0.330         | 0.370        | -10.8          |              |
| 18834 | 0.102         | 0.111        | -8.1           |              | 51356 | 0.420         | 0.470        | -10.6          |              | 51958 | 0.233         | 0.310        | -24.8          |              |
| 18911 | 0.016         | 0.018        | -11.1          |              | 51357 | 1.180         | 0.950        | +24.2          | U            | 51960 | 0.248         | 0.300        | -17.3          |              |
| 18912 | 0.027         | 0.029        | -6.9           |              | 51358 | 0.094         | 0.111        | -15.3          |              | 51970 | 0.131         | 0.138        | -5.1           |              |
| 18920 | 0.017         | 0.019        | -10.5          |              | 51359 | 0.510         | 0.620        | -17.7          |              | 51982 | 0.056         | 0.068        | -17.7          |              |
| 45771 | 0.114         | 0.131        | -13.0          |              | 51370 | 2.160         | 2.690        | -19.7          |              | 51986 | 0.075         | 0.082        | -8.5           |              |
| 45819 | 0.061         | 0.067        | -9.0           |              | 51380 | 0.026         | 0.039        | -33.3          |              | 51999 | 0.250         | 0.320        | -21.9          |              |
| 45900 | 0.046         | 0.043        | +7.0           |              | 51500 | 0.118         | 0.145        | -18.6          |              | 52002 | 0.086         | 0.104        | -17.3          |              |
| 45901 | 0.030         | 0.039        | -23.1          |              | 51550 | 0.360         | 0.420        | -14.3          |              | 52075 | 0.167         | 0.197        | -15.2          |              |
| 49239 | 0.270         | 0.360        | -25.0          |              | 51551 | 0.700         | 0.830        | -15.7          |              | 52134 | 0.440         | 0.560        | -21.4          |              |
| 49617 | 0.146         | 0.162        | -9.9           |              | 51552 | 0.113         | 0.137        | -17.5          |              | 52315 | 0.237         | 0.270        | -12.2          |              |
| 49618 | 0.047         | 0.058        | -19.0          |              | 51575 | 0.020         | 0.023        | -13.0          |              | 52433 | 0.470         | 0.650        | -27.7          |              |
| 49619 | 0.109         | 0.119        | -8.4           |              | 51576 | 0.077         | 0.101        | -23.8          |              | 52469 | 0.083         | 0.085        | -2.4           |              |
| 50010 | 0.350         | 0.330        | +6.1           |              | 51600 | 0.156         | 0.194        | -19.6          |              | 52505 | 0.159         | 0.195        | -18.5          |              |
| 51001 | 0.310         | 0.380        | -18.4          |              | 51613 | 0.100         | 0.141        | -29.1          |              | 52547 | 0.049         | 0.058        | -15.5          |              |

L - Lower Cap Applied  
 U - Upper Cap Applied  
 N - Not Subject to Capping  
 E - Subject to Capping Exception

LOSS COST PERCENT CHANGE BY CLASS

| Class | Proposed Loss | Present Cost | Percent Change | Capping Flag | Class | Proposed Loss | Present Cost | Percent Change | Capping Flag | Class | Proposed Loss | Present Cost | Percent Change | Capping Flag |
|-------|---------------|--------------|----------------|--------------|-------|---------------|--------------|----------------|--------------|-------|---------------|--------------|----------------|--------------|
| 52581 | 1.570         | 1.800        | -12.8          |              | 56391 | 0.217         | 0.250        | -13.2          |              | 58397 | 0.330         | 0.450        | -26.7          |              |
| 52744 | 0.039         | 0.052        | -25.0          |              | 56427 | 0.089         | 0.107        | -16.8          |              | 58503 | 0.054         | 0.080        | -32.5          |              |
| 52911 | 0.350         | 0.420        | -16.7          |              | 56488 | 0.043         | 0.042        | +2.4           |              | 58575 | 0.081         | 0.098        | -17.4          |              |
| 52967 | 0.043         | 0.052        | -17.3          |              | 56690 | 0.260         | 0.310        | -16.1          |              | 58627 | 0.008         | 0.011        | -27.3          | L            |
| 53001 | 0.213         | 0.241        | -11.6          |              | 56699 | 0.059         | 0.078        | -24.4          |              | 58663 | 0.460         | 0.650        | -29.2          |              |
| 53077 | 0.172         | 0.204        | -15.7          |              | 56758 | 0.110         | 0.123        | -10.6          |              | 58737 | 0.360         | 0.490        | -26.5          |              |
| 53121 | 0.410         | 0.460        | -10.9          |              | 56759 | 0.069         | 0.070        | -1.4           |              | 58802 | 0.320         | 0.390        | -18.0          |              |
| 53333 | 0.215         | 0.249        | -13.7          |              | 56760 | 0.077         | 0.087        | -11.5          |              | 58837 | 0.128         | 0.155        | -17.4          |              |
| 53374 | 0.145         | 0.191        | -24.1          |              | 56912 | 0.082         | 0.089        | -7.9           |              | 58840 | 0.092         | 0.110        | -16.4          |              |
| 53375 | 0.205         | 0.310        | -33.9          | L            | 56916 | 0.260         | 0.260        | 0.0            |              | 58873 | 0.018         | 0.021        | -14.3          |              |
| 53376 | 0.128         | 0.159        | -19.5          |              | 57001 | 0.024         | 0.022        | +9.1           |              | 58904 | 0.089         | 0.108        | -17.6          |              |
| 53377 | 0.132         | 0.172        | -23.3          |              | 57002 | 0.061         | 0.080        | -23.8          |              | 58922 | 0.176         | 0.189        | -6.9           |              |
| 53565 | 0.068         | 0.081        | -16.1          |              | 57090 | 0.720         | 0.830        | -13.3          |              | 59005 | 0.055         | 0.063        | -12.7          |              |
| 53631 | 0.016         | 0.019        | -15.8          |              | 57146 | 0.590         | 0.640        | -7.8           |              | 59188 | 0.039         | 0.047        | -17.0          |              |
| 53632 | 0.024         | 0.029        | -17.2          |              | 57257 | 0.046         | 0.042        | +9.5           |              | 59189 | 0.207         | 0.250        | -17.2          |              |
| 53732 | 0.390         | 0.450        | -13.3          |              | 57401 | 0.065         | 0.079        | -17.7          |              | 59223 | 0.118         | 0.128        | -7.8           |              |
| 53733 | 0.155         | 0.177        | -12.4          |              | 57403 | 0.025         | 0.030        | -16.7          |              | 59257 | 0.008         | 0.011        | -27.3          | L            |
| 53907 | 0.072         | 0.078        | -7.7           |              | 57410 | 0.112         | 0.164        | -31.7          |              | 59378 | 0.103         | 0.124        | -16.9          |              |
| 54077 | 0.300         | 0.360        | -16.7          |              | 57572 | 0.084         | 0.094        | -10.6          |              | 59481 | 0.081         | 0.096        | -15.6          |              |
| 55010 | 0.610         | 0.760        | -19.7          |              | 57600 | 0.025         | 0.030        | -16.7          |              | 59537 | 0.207         | 0.219        | -5.5           |              |
| 55011 | 1.730         | 2.010        | -13.9          |              | 57611 | 0.036         | 0.044        | -18.2          |              | 59601 | 1.440         | 1.800        | -20.0          |              |
| 55012 | 0.860         | 0.920        | -6.5           |              | 57651 | 0.039         | 0.037        | +5.4           |              | 59647 | 0.118         | 0.141        | -16.3          |              |
| 55013 | 1.000         | 1.130        | -11.5          |              | 57690 | 0.320         | 0.380        | -15.8          |              | 59660 | 0.550         | 0.830        | -33.7          | L            |
| 55214 | 0.062         | 0.075        | -17.3          |              | 57716 | 0.069         | 0.080        | -13.8          |              | 59701 | 0.360         | 0.380        | -5.3           |              |
| 55371 | 0.082         | 0.096        | -14.6          |              | 57725 | 0.070         | 0.083        | -15.7          |              | 59713 | 0.247         | 0.300        | -17.7          |              |
| 55597 | 1.220         | 1.450        | -15.9          |              | 57726 | 0.022         | 0.025        | -12.0          |              | 59722 | 0.019         | 0.023        | -17.4          |              |
| 55647 | 0.070         | 0.065        | +7.7           |              | 57810 | 0.089         | 0.090        | -1.1           |              | 59723 | 0.025         | 0.030        | -16.7          |              |
| 55715 | 0.147         | 0.169        | -13.0          |              | 57871 | 0.073         | 0.091        | -19.8          |              | 59724 | 0.016         | 0.016        | 0.0            |              |
| 55716 | 0.330         | 0.410        | -19.5          |              | 57913 | 0.182         | 0.206        | -11.7          |              | 59725 | 0.094         | 0.126        | -25.4          |              |
| 55802 | 0.016         | 0.013        | +23.1          |              | 57998 | 0.044         | 0.047        | -6.4           |              | 59726 | 0.020         | 0.023        | -13.0          |              |
| 55918 | 1.320         | 1.760        | -25.0          |              | 57999 | 0.055         | 0.065        | -15.4          |              | 59738 | 0.043         | 0.052        | -17.3          |              |
| 55919 | 2.480         | 2.950        | -15.9          |              | 58095 | 1.050         | 1.220        | -13.9          |              | 59750 | 0.106         | 0.141        | -24.8          |              |
| 56040 | 0.019         | 0.028        | -32.1          | L            | 58096 | 1.080         | 1.350        | -20.0          |              | 59773 | 0.019         | 0.023        | -17.4          |              |
| 56202 | 0.053         | 0.063        | -15.9          |              | 58301 | 0.075         | 0.086        | -12.8          |              | 59774 | 0.105         | 0.127        | -17.3          |              |
| 56390 | 0.590         | 0.640        | -7.8           |              | 58302 | 0.034         | 0.042        | -19.1          |              | 59775 | 0.133         | 0.156        | -14.7          |              |

L - Lower Cap Applied  
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LOSS COST PERCENT CHANGE BY CLASS

| Class | Proposed Loss | Present Cost | Percent Change | Capping Flag | Class | Proposed Loss | Present Cost | Percent Change | Capping Flag | Class | Proposed Loss | Present Cost | Percent Change | Capping Flag |
|-------|---------------|--------------|----------------|--------------|-------|---------------|--------------|----------------|--------------|-------|---------------|--------------|----------------|--------------|
| 59781 | 0.049         | 0.065        | -24.6          |              | 91341 | 3.900         | 4.350        | -10.3          |              | 96409 | 8.360         | 9.270        | -9.8           |              |
| 59782 | 0.630         | 0.620        | +1.6           |              | 91342 | 3.600         | 4.010        | -10.2          |              | 96410 | 8.250         | 9.190        | -10.2          |              |
| 59798 | 0.290         | 0.330        | -12.1          |              | 91343 | 1.450         | 1.620        | -10.5          |              | 96611 | 1.390         | 1.550        | -10.3          |              |
| 59886 | 0.072         | 0.087        | -17.2          |              | 91436 | 2.100         | 2.340        | -10.3          |              | 97221 | 1.220         | 1.350        | -9.6           |              |
| 59889 | 0.176         | 0.192        | -8.3           |              | 91507 | 3.000         | 3.340        | -10.2          |              | 97222 | 1.740         | 1.930        | -9.8           |              |
| 59904 | 0.110         | 0.088        | +25.0          | U            | 91551 | 0.690         | 0.770        | -10.4          |              | 97223 | 2.750         | 3.050        | -9.8           |              |
| 59905 | 0.100         | 0.112        | -10.7          |              | 91555 | 0.970         | 1.090        | -11.0          |              | 97447 | 5.100         | 5.680        | -10.2          |              |
| 59914 | 0.580         | 0.650        | -10.8          |              | 91560 | 4.350         | 4.850        | -10.3          |              | 97650 | 3.600         | 4.010        | -10.2          |              |
| 59915 | 0.510         | 0.530        | -3.8           |              | 91577 | 3.150         | 3.510        | -10.3          |              | 97651 | 4.350         | 4.850        | -10.3          |              |
| 59917 | 0.195         | 0.222        | -12.2          |              | 91746 | 5.550         | 6.180        | -10.2          |              | 97652 | 4.650         | 5.180        | -10.2          |              |
| 59923 | 0.004         | 0.006        | -33.3          |              | 92053 | 0.760         | 0.810        | -6.2           |              | 97653 | 3.000         | 3.340        | -10.2          |              |
| 59925 | 1.110         | 1.150        | -3.5           |              | 92054 | 0.290         | 0.280        | +3.6           |              | 97654 | 2.850         | 3.180        | -10.4          |              |
| 59926 | 0.570         | 0.460        | +23.9          | U            | 92055 | 0.290         | 0.280        | +3.6           |              | 97655 | 4.200         | 4.680        | -10.3          |              |
| 59927 | 0.880         | 1.100        | -20.0          |              | 92101 | 3.000         | 3.340        | -10.2          |              | 98002 | 0.940         | 1.050        | -10.5          |              |
| 59931 | 0.320         | 0.370        | -13.5          |              | 92102 | 3.300         | 3.680        | -10.3          |              | 98152 | 0.500         | 0.610        | -18.0          |              |
| 59932 | 0.570         | 0.690        | -17.4          |              | 92215 | 3.000         | 3.340        | -10.2          |              | 98157 | 0.330         | 0.370        | -10.8          |              |
| 59947 | 0.214         | 0.260        | -17.7          |              | 92338 | 1.950         | 2.170        | -10.1          |              | 98163 | 0.192         | 0.212        | -9.4           |              |
| 59955 | 0.098         | 0.114        | -14.0          |              | 92446 | 1.800         | 2.010        | -10.4          |              | 98164 | 0.066         | 0.073        | -9.6           |              |
| 59963 | 0.260         | 0.320        | -18.8          |              | 92447 | 1.480         | 1.650        | -10.3          |              | 98303 | 6.680         | 7.130        | -6.3           |              |
| 59964 | 0.052         | 0.059        | -11.9          |              | 92451 | 2.250         | 2.510        | -10.4          |              | 98304 | 4.010         | 4.280        | -6.3           |              |
| 59970 | 0.121         | 0.147        | -17.7          |              | 92478 | 1.650         | 1.840        | -10.3          |              | 98305 | 2.000         | 2.140        | -6.5           |              |
| 59975 | 0.099         | 0.130        | -23.9          |              | 94007 | 4.800         | 5.350        | -10.3          |              | 98306 | 1.090         | 1.160        | -6.0           |              |
| 59984 | 0.034         | 0.041        | -17.1          |              | 94276 | 4.200         | 4.680        | -10.3          |              | 98307 | 0.600         | 0.640        | -6.3           |              |
| 59988 | 0.041         | 0.050        | -18.0          |              | 94381 | 10.400        | 11.600       | -10.3          |              | 98308 | 1.110         | 1.190        | -6.7           |              |
| 59989 | 0.031         | 0.037        | -16.2          |              | 94404 | 4.040         | 4.660        | -13.3          |              | 98309 | 2.450         | 2.610        | -6.1           |              |
| 91111 | 5.550         | 6.180        | -10.2          |              | 94569 | 3.900         | 4.350        | -10.3          |              | 98344 | 0.850         | 0.900        | -5.6           |              |
| 91125 | 1.830         | 2.030        | -9.9           |              | 95124 | 1.470         | 1.570        | -6.4           |              | 98449 | 28.500        | 30.400       | -6.3           |              |
| 91127 | 1.150         | 1.270        | -9.4           |              | 95310 | 1.170         | 1.290        | -9.3           |              | 98482 | 6.150         | 6.850        | -10.2          |              |
| 91150 | 5.100         | 5.680        | -10.2          |              | 95410 | 2.700         | 3.010        | -10.3          |              | 98483 | 15.000        | 16.700       | -10.2          |              |
| 91155 | 25.900        | 32.300       | -19.8          |              | 95455 | 1.650         | 1.840        | -10.3          |              | 98502 | 3.600         | 4.010        | -10.2          |              |
| 91235 | 2.250         | 2.490        | -9.6           |              | 95505 | 2.100         | 2.340        | -10.3          |              | 98636 | 3.450         | 3.840        | -10.2          |              |
| 91265 | 3.270         | 3.180        | +2.8           |              | 95625 | 3.600         | 4.010        | -10.2          |              | 98659 | 0.380         | 0.420        | -9.5           |              |
| 91266 | 0.870         | 0.970        | -10.3          |              | 95647 | 5.550         | 6.180        | -10.2          |              | 98677 | 9.900         | 11.000       | -10.0          |              |
| 91280 | 2.590         | 2.920        | -11.3          |              | 96053 | 4.200         | 4.680        | -10.3          |              | 98678 | 13.000        | 14.500       | -10.3          |              |
| 91340 | 7.500         | 8.360        | -10.3          |              | 96408 | 11.800        | 13.100       | -9.9           |              | 98805 | 1.540         | 1.640        | -6.1           |              |

L - Lower Cap Applied  
 U - Upper Cap Applied  
 N - Not Subject to Capping  
 E - Subject to Capping Exception

LOSS COST PERCENT CHANGE BY CLASS

| Class | Proposed Loss | Present Cost | Percent Change | Capping Flag | Class | Proposed Loss | Present Cost | Percent Change | Capping Flag | Class | Proposed Loss | Present Cost | Percent Change | Capping Flag |
|-------|---------------|--------------|----------------|--------------|-------|---------------|--------------|----------------|--------------|-------|---------------|--------------|----------------|--------------|
| 98806 | 3.450         | 3.840        | -10.2          |              |       |               |              |                |              |       |               |              |                |              |
| 98813 | 2.230         | 2.380        | -6.3           |              |       |               |              |                |              |       |               |              |                |              |
| 98820 | 3.450         | 3.840        | -10.2          |              |       |               |              |                |              |       |               |              |                |              |
| 98884 | 2.100         | 2.340        | -10.3          |              |       |               |              |                |              |       |               |              |                |              |
| 98914 | 0.520         | 0.580        | -10.3          |              |       |               |              |                |              |       |               |              |                |              |
| 98949 | 0.300         | 0.330        | -9.1           |              |       |               |              |                |              |       |               |              |                |              |
| 98967 | 11.400        | 12.100       | -5.8           |              |       |               |              |                |              |       |               |              |                |              |
| 98993 | 3.550         | 3.940        | -9.9           |              |       |               |              |                |              |       |               |              |                |              |
| 99003 | 1.360         | 1.450        | -6.2           |              |       |               |              |                |              |       |               |              |                |              |
| 99004 | 1.500         | 1.670        | -10.2          |              |       |               |              |                |              |       |               |              |                |              |
| 99080 | 7.050         | 7.850        | -10.2          |              |       |               |              |                |              |       |               |              |                |              |
| 99163 | 0.380         | 0.420        | -9.5           |              |       |               |              |                |              |       |               |              |                |              |
| 99315 | 1.950         | 2.170        | -10.1          |              |       |               |              |                |              |       |               |              |                |              |
| 99321 | 2.250         | 2.510        | -10.4          |              |       |               |              |                |              |       |               |              |                |              |
| 99613 | 2.250         | 2.510        | -10.4          |              |       |               |              |                |              |       |               |              |                |              |
| 99650 | 1.000         | 1.120        | -10.7          |              |       |               |              |                |              |       |               |              |                |              |
| 99746 | 3.150         | 3.510        | -10.3          |              |       |               |              |                |              |       |               |              |                |              |
| 99803 | 8.290         | 9.190        | -9.8           |              |       |               |              |                |              |       |               |              |                |              |
| 99826 | 0.780         | 0.830        | -6.0           |              |       |               |              |                |              |       |               |              |                |              |
| 99827 | 0.690         | 0.740        | -6.8           |              |       |               |              |                |              |       |               |              |                |              |
| 99946 | 2.330         | 2.590        | -10.0          |              |       |               |              |                |              |       |               |              |                |              |
| 99948 | 22.300        | 23.800       | -6.3           |              |       |               |              |                |              |       |               |              |                |              |
| 99952 | 17.600        | 18.800       | -6.4           |              |       |               |              |                |              |       |               |              |                |              |
| 99953 | 10.700        | 11.400       | -6.1           |              |       |               |              |                |              |       |               |              |                |              |
| 99954 | 13.800        | 13.800       | 0.0            |              |       |               |              |                |              |       |               |              |                |              |
| 99955 | 11.400        | 10.600       | +7.5           |              |       |               |              |                |              |       |               |              |                |              |
| 99969 | 2.470         | 2.750        | -10.2          |              |       |               |              |                |              |       |               |              |                |              |

L - Lower Cap Applied  
 U - Upper Cap Applied  
 N - Not Subject to Capping  
 E - Subject to Capping Exception

MINNESOTA  
PREMISES/OPERATIONS  
SUBLINE CODE 334  
MANUFACTURERS AND CONTRACTORS  
DETERMINATION OF INDICATED LOSS COST LEVEL CHANGE

| (1)<br>ACCIDENT<br>YEAR<br>ENDING | (2)<br>AGGREGATE LOSS<br>COSTS AT CURRENT<br>LEVEL (A) | (3)<br>\$100,000 BASIC<br>LIMIT INCURRED<br>LOSSES (B) | (4)<br>YEAR<br>WEIGHTS | (5)<br>EXPERIENCE<br>RATIO<br>(3) / (2) | (6)<br>NUMBER OF<br>INCURRED<br>OCCURRENCES |
|-----------------------------------|--|--|------------------------|---|---|
| 09/30/2019                        | \$13,606,023   | \$15,074,883   | 0.25                   | 1.108                                   | 541   |
| 09/30/2020                        | \$13,542,188   | \$11,347,450   | 0.25                   | 0.838                                   | 424   |
| 09/30/2021                        | \$13,261,078   | \$10,355,658   | 0.25                   | 0.781                                   | 366   |
| 09/30/2022                        | \$12,540,791   | \$10,665,487   | 0.25                   | 0.850                                   | 353   |

|      |   |        |
|------|---|--------|
| (7)  | WEIGHTED EXPERIENCE RATIO .....   | 0.894  |
| (8)  | EXPECTED EXPERIENCE RATIO (SEE FOOTNOTE C) .....  | 1.007  |
| (9)  | CREDIBILITY BASED ON LATEST FOUR YEARS NUMBER OF INCURRED<br>OCCURRENCES (SEE EXPLANATORY PAGE C-13 - CREDIBILITY STANDARDS)... | 0.51   |
| (10) | CREDIBILITY-WEIGHTED EXPERIENCE RATIO<br>{ (7) X (9) } + { (8) X { 1.0 - (9) } } .....  | 0.949  |
| (11) | INDICATED MONOLINE-MULTILINE LOSS COST LEVEL CHANGE<br>{ (10) - 1 } X 100% .....  | - 5.1% |
| (12) | INDICATED STATEWIDE MONOLINE CHANGE<br>(SEE SECTION B - BASIC LIMIT RELATIVE CHANGE ANALYSIS) .....                             | - 9.3% |
| (13) | SELECTED STATEWIDE MONOLINE CHANGE .....  | - 9.3% |

(A) THESE ARE CALCULATED BY SUMMING OVER THE CLASSES THE PRODUCTS OF REPORTED EXPOSURES, EXPOSURE TREND AND DEVELOPMENT, AND \$100,000 BASIC LIMIT LOSS COSTS AT CURRENT ISO LEVEL. FOR DETAILS, SEE SECTION C, EXHIBIT C1, PAGE 1 - CALCULATION OF AGGREGATE LOSS COSTS AT CURRENT LEVEL.

(B) INCLUDING ALL LOSS ADJUSTMENT EXPENSES AND DEVELOPED TO AN ULTIMATE BASIS. IN ADDITION, ACCIDENT YEAR LOSSES HAVE BEEN TRENDED FROM THE AVERAGE DATE OF COVERAGE TO ONE YEAR BEYOND AN ASSUMED EFFECTIVE DATE OF 05/01/2024. FOR DETAILS, SEE SECTION C, EXHIBIT C1, PAGES 2 AND 3 - CALCULATION OF INCURRED LOSSES.

(C) THE EXPECTED EXPERIENCE RATIO IS THE NET TREND (1.007). THE NET TREND IS THE ANNUAL NET TREND FACTOR (1.007) TO AN EXPONENT (1.000), THE PERIOD FROM ONE YEAR BEYOND THE LAST REVIEW OR EFFECTIVE DATE (05/01/2024) TO ONE YEAR BEYOND THE ASSUMED EFFECTIVE DATE (05/01/2025).

MINNESOTA  
PREMISES/OPERATIONS  
SUBLINE CODE 334  
OWNERS, LANDLORDS AND TENANTS  
DETERMINATION OF INDICATED LOSS COST LEVEL CHANGE

| (1)<br>ACCIDENT<br>YEAR<br>ENDING | (2)<br>AGGREGATE LOSS<br>COSTS AT CURRENT<br>LEVEL (A) | (3)<br>\$100,000 BASIC<br>LIMIT INCURRED<br>LOSSES (B) | (4)<br>YEAR<br>WEIGHTS | (5)<br>EXPERIENCE<br>RATIO<br>(3) / (2) | (6)<br>NUMBER OF<br>INCURRED<br>OCCURRENCES |
|-----------------------------------|--|--|------------------------|---|---|
| 09/30/2019                        | \$12,412,200   | \$14,776,050   | 0.25                   | 1.190                                   | 689   |
| 09/30/2020                        | \$11,748,725   | \$12,663,699   | 0.25                   | 1.078                                   | 525   |
| 09/30/2021                        | \$11,539,896   | \$20,798,081   | 0.25                   | 1.802                                   | 459   |
| 09/30/2022                        | \$12,158,926   | \$13,315,061   | 0.25                   | 1.095                                   | 637   |

|      |   |         |
|------|---|---------|
| (7)  | WEIGHTED EXPERIENCE RATIO .....   | 1.291   |
| (8)  | EXPECTED EXPERIENCE RATIO (SEE FOOTNOTE C) .....  | 1.063   |
| (9)  | CREDIBILITY BASED ON LATEST FOUR YEARS NUMBER OF INCURRED<br>OCCURRENCES (SEE EXPLANATORY PAGE C-13 - CREDIBILITY STANDARDS)... | 0.62    |
| (10) | CREDIBILITY-WEIGHTED EXPERIENCE RATIO<br>{ (7) X (9) } + { (8) X { 1.0 - (9) } } .....  | 1.204   |
| (11) | INDICATED MONOLINE-MULTILINE LOSS COST LEVEL CHANGE<br>{ (10) - 1 } X 100% .....  | + 20.4% |
| (12) | INDICATED STATEWIDE MONOLINE CHANGE<br>(SEE SECTION B - BASIC LIMIT RELATIVE CHANGE ANALYSIS) .....                             | + 17.4% |
| (13) | SELECTED STATEWIDE MONOLINE CHANGE .....  | + 12.5% |

(A) THESE ARE CALCULATED BY SUMMING OVER THE CLASSES THE PRODUCTS OF REPORTED EXPOSURES, EXPOSURE TREND AND DEVELOPMENT, AND \$100,000 BASIC LIMIT LOSS COSTS AT CURRENT ISO LEVEL. FOR DETAILS, SEE SECTION C, EXHIBIT C1, PAGE 4 - CALCULATION OF AGGREGATE LOSS COSTS AT CURRENT LEVEL.

(B) INCLUDING ALL LOSS ADJUSTMENT EXPENSES AND DEVELOPED TO AN ULTIMATE BASIS. IN ADDITION, ACCIDENT YEAR LOSSES HAVE BEEN TRENDED FROM THE AVERAGE DATE OF COVERAGE TO ONE YEAR BEYOND AN ASSUMED EFFECTIVE DATE OF 05/01/2024. FOR DETAILS, SEE SECTION C, EXHIBIT C1, PAGES 5 AND 6 - CALCULATION OF INCURRED LOSSES.

(C) THE EXPECTED EXPERIENCE RATIO IS THE NET TREND (1.063). THE NET TREND IS THE ANNUAL NET TREND FACTOR (1.063) TO AN EXPONENT (1.000), THE PERIOD FROM ONE YEAR BEYOND THE LAST REVIEW OR EFFECTIVE DATE (05/01/2024) TO ONE YEAR BEYOND THE ASSUMED EFFECTIVE DATE (05/01/2025).

MINNESOTA  
PRODUCTS  
SUBLINE CODE 336  
DETERMINATION OF INDICATED LOSS COST LEVEL CHANGE

| (1)                        | (2)   | (3)   | (4)             | (5)                              | (6)                                  |
|----------------------------|---|---|-----------------|----------------------------------|--------------------------------------|
| ACCIDENT<br>YEAR<br>ENDING | MULTISTATE<br>AGGREGATE LOSS<br>COSTS AT CURRENT<br>LEVEL (A)   | MULTISTATE<br>\$100,000 BASIC<br>LIMIT INCURRED<br>LOSSES (B) | YEAR<br>WEIGHTS | EXPERIENCE<br>RATIO<br>(3) / (2) | NUMBER OF<br>INCURRED<br>OCCURRENCES |
| 12/31/2018                 | \$115,896,102   | \$110,609,175   | 0.25            | 0.954                            | 1,998                                |
| 12/31/2019                 | \$117,603,010   | \$108,497,973   | 0.25            | 0.923                            | 1,895                                |
| 12/31/2020                 | \$118,532,121   | \$95,289,686  | 0.25            | 0.804                            | 1,552                                |
| 12/31/2021                 | \$114,110,757   | \$94,677,450  | 0.25            | 0.830                            | 1,525                                |
| (7)                        | WEIGHTED EXPERIENCE RATIO .....   |   |                 |                                  | 0.878                                |
| (8)                        | INDICATED MULTISTATE MONOLINE-MULTILINE LOSS COST LEVEL CHANGE<br>{ (7) - 1 } X 100%.....   |   |                 |                                  | - 12.2%                              |
| (9)                        | INDICATED MULTISTATE MONOLINE CHANGE<br>(SEE SECTION B - BASIC LIMIT RELATIVE CHANGE ANALYSIS).....   |   |                 |                                  | - 14.4%                              |
| (10)                       | INDICATED STATEWIDE MONOLINE CHANGE (C)<br>(SEE SECTION B - BASIC LIMIT RELATIVE CHANGE ANALYSIS).....  |   |                 |                                  | - 14.2%                              |
| (11)                       | SELECTED STATEWIDE MONOLINE CHANGE.....   |   |                 |                                  | - 14.2%                              |
| (A)                        | THESE ARE CALCULATED BY SUMMING OVER THE CLASSES THE PRODUCTS OF MULTISTATE<br>REPORTED EXPOSURES, EXPOSURE TREND AND DEVELOPMENT, AND MULTISTATE \$100,000<br>BASIC LIMIT LOSS COSTS AT CURRENT ISO LEVEL. FOR DETAILS, SEE SECTION C,<br>EXHIBIT C9 - CALCULATION OF AGGREGATE LOSS COSTS AT CURRENT LEVEL.   |   |                 |                                  |                                      |
| (B)                        | INCLUDING ALL LOSS ADJUSTMENT EXPENSES AND DEVELOPED TO AN ULTIMATE<br>BASIS. IN ADDITION, ACCIDENT YEAR LOSSES HAVE BEEN TRENDED FROM THE<br>AVERAGE DATE OF COVERAGE TO ONE YEAR BEYOND AN ASSUMED EFFECTIVE DATE OF<br>10/01/2023.   |   |                 |                                  |                                      |
| (C)                        | THE INDICATED STATEWIDE PRODUCTS CHANGE IS CALCULATED BY DETERMINING THE<br>EFFECT, ON STATEWIDE LOSS COST LEVELS, OF IMPLEMENTING THE INDICATED MULTISTATE<br>LOSS COSTS. THE DIFFERENCE BETWEEN THE INDICATED MULTISTATE CHANGE AND THE<br>INDICATED STATEWIDE CHANGE IS A RESULT OF A DIFFERENCE IN THE DISTRIBUTION OF<br>RISKS BY CLASS IN THIS JURISDICTION VERSUS THE MULTISTATE.(SEE SECTION A -<br>PRODUCTS CLASS GROUP LOSS COST LEVEL CHANGE). |   |                 |                                  |                                      |

MINNESOTA  
 LOCAL PRODUCTS/COMPLETED OPERATIONS  
 SUBLINE CODE 336  
 DETERMINATION OF INDICATED LOSS COST LEVEL CHANGE

| (1)           | (2)  | (3)                   | (4)            | (5)              | (6)                |
|---------------|--|-----------------------|----------------|------------------|--------------------|
| ACCIDENT      | MULTISTATE   | MULTISTATE            |                | EXPERIENCE       | NUMBER OF          |
| YEAR          | AGGREGATE LOSS   | \$100,000 BASIC       | YEAR           | RATIO            | INCURRED           |
| <u>ENDING</u> | <u>COSTS AT CURRENT</u>  | <u>LIMIT INCURRED</u> | <u>WEIGHTS</u> | <u>(3) / (2)</u> | <u>OCCURRENCES</u> |
|               | <u>LEVEL (A)</u>   | <u>LOSSES (B)</u>     |                |                  |                    |
| 12/31/2018    | \$421,239,218  | \$430,893,689         | 0.25           | 1.023            | 7,117              |
| 12/31/2019    | \$423,381,011  | \$411,618,380         | 0.25           | 0.972            | 7,063              |
| 12/31/2020    | \$412,042,453  | \$368,448,880         | 0.25           | 0.894            | 5,941              |
| 12/31/2021    | \$409,273,272  | \$383,596,651         | 0.25           | 0.937            | 5,491              |
| (7)           | WEIGHTED EXPERIENCE RATIO .....  |                       |                |                  | 0.957              |
| (8)           | INDICATED MULTISTATE MONOLINE-MULTILINE LOSS COST LEVEL CHANGE   |                       |                |                  |                    |
|               | { (7) - 1 } X 100%.....  |                       |                |                  | - 4.3%             |
| (9)           | INDICATED MULTISTATE MONOLINE CHANGE   |                       |                |                  |                    |
|               | (SEE SECTION B - BASIC LIMIT RELATIVE CHANGE ANALYSIS).....  |                       |                |                  | - 4.1%             |
| (10)          | INDICATED STATEWIDE MONOLINE CHANGE (C)  |                       |                |                  |                    |
|               | (SEE SECTION B - BASIC LIMIT RELATIVE CHANGE ANALYSIS).....  |                       |                |                  | - 9.6%             |
| (11)          | SELECTED STATEWIDE MONOLINE CHANGE.....  |                       |                |                  | - 9.6%             |
| (A)           | THESE ARE CALCULATED BY SUMMING OVER THE STATES THE PRODUCTS OF STATE-<br>REPORTED EXPOSURES, EXPOSURE TREND AND DEVELOPMENT, AND STATE \$100,000<br>BASIC LIMIT LOSS COSTS AT CURRENT ISO LEVEL. FOR DETAILS, SEE SECTION C,<br>EXHIBIT C16 - CALCULATION OF AGGREGATE LOSS COSTS AT CURRENT LEVEL. |                       |                |                  |                    |
| (B)           | INCLUDING ALL LOSS ADJUSTMENT EXPENSE AND DEVELOPED TO AN ULTIMATE<br>BASIS. IN ADDITION, ACCIDENT YEAR LOSSES HAVE BEEN TRENDED FROM THE<br>AVERAGE DATE OF COVERAGE TO ONE YEAR BEYOND AN ASSUMED EFFECTIVE DATE OF<br>10/01/2023.   |                       |                |                  |                    |
| (C)           | THE INDICATED STATEWIDE MONOLINE CHANGE IS CALCULATED BASED ON THE INDICATED<br>MULTISTATE MONOLINE CHANGE.  |                       |                |                  |                    |

MINNESOTA  
MANUFACTURERS AND CONTRACTORS  
BASIC LIMIT RELATIVE CHANGE ANALYSIS

|                | (1)                           | (2)              | (3)               | (4)                  | STATEWIDE<br>COVERAGE<br>INDICATION OF<br>- 5.1% |
|----------------|-------------------------------|------------------|-------------------|----------------------|--|
| TOP            | BAILEY<br>FORMULA<br>RELATIV. | CREDIBILITY<br>Z | Z-WTD<br>RELATIV. | BALANCED<br>RELATIV. |  |
| 10             | 0.788                         | 0.186            | 0.957             | 0.956                |  |
| 33             | 1.883                         | 0.028            | 1.018             | 1.017                |  |
| 34             | 0.850                         | 0.074            | 0.988             | 0.987                |  |
| 35             | 0.063                         | 0.007            | 0.980             | 0.979                |  |
| 36             | 0.939                         | 0.122            | 0.992             | 0.991                |  |
| 37             | 1.077                         | 0.088            | 1.007             | 1.005                |  |
| 38             | 1.153                         | 0.244            | 1.035             | 1.034                |  |
|                |                               |                  |                   |                      | (5)  |
| CLASS<br>GROUP |                               |                  |                   |                      | INDICATED<br>MONOLINE<br>CHANGE                  |
| 30             | 1.386                         | 0.090            | 1.030             | 1.025                | - 7.0%   |
| 31             | 1.197                         | 0.135            | 1.025             | 1.020                | - 7.5%   |
| 32             | 1.123                         | 0.243            | 1.029             | 1.024                | - 7.1%   |
| 33             | 0.843                         | 0.089            | 0.985             | 0.981                | - 11.1%  |
| 34             | 0.885                         | 0.107            | 0.987             | 0.983                | - 10.9%  |
| 35             | 1.769                         | 0.038            | 1.022             | 1.017                | - 7.7%   |
| 36             | 0.491                         | 0.068            | 0.953             | 0.949                | - 14.0%  |
| 37             | 0.831                         | 0.059            | 0.989             | 0.985                | - 10.7%  |
| 38             | 0.976                         | 0.094            | 0.998             | 0.993                | - 9.9%   |
|                |                               |                  |                   |                      | OVERALL MONOLINE CHANGE *                        |
|                |                               |                  |                   |                      | - 9.3%   |

\* Monoline/multiline ALCCL for the latest year was used to weight the monoline change by class group.

\*\* Individual large ALAE incident(s) have been capped in order to limit the impact on the corresponding relative change factors.

MINNESOTA  
MANUFACTURERS AND CONTRACTORS  
BASIC LIMIT RELATIVE CHANGE ANALYSIS  
SUMMARY OF EXPERIENCE USED IN RELATIVE CHANGE ANALYSIS

| TYPE OF POLICY     | CLASS GROUP          | (1)  | (2)  | (3)                              | (4)      | (5)                      | (6)                  |
|--------------------|----------------------|--|--|----------------------------------|----------|--------------------------|----------------------|
|                    |                      | FISCAL A.Y.E.<br>09/30/2022<br>AGGREGATE LOSS<br>COSTS AT CURRENT<br>LEVEL | FISCAL A.Y.E. 2018<br>- 2022 AGGREGATE<br>LOSS COSTS AT<br>CURRENT LEVEL | FIVE YEAR<br>EXPERIENCE<br>RATIO | RELATIV. | NUMBER OF<br>OCCURRENCES | BAL CELL<br>RELATIV. |
| 10 MONOLINE        | 30 SERVICE           | \$88,780   | \$486,851  | 1.163                            | 1.270    | 25                       | 0.980                |
|                    | 31 LIGHT CONTRACTING | \$289,152  | \$1,461,008  | 0.835                            | 0.912    | 72                       | 0.975                |
|                    | 32 MEDIUM CONTRCTING | \$1,536,030  | \$9,352,297  | 0.804                            | 0.878    | 350                      | 0.979                |
|                    | 33 HEAVY CONTRACTING | \$338,414  | \$1,970,437  | 0.788                            | 0.860    | 40                       | 0.938                |
|                    | 34 DEALER OR DISTRIB | \$106,212  | \$831,006  | 0.644                            | 0.703    | 24                       | 0.940                |
|                    | 35 LGT. MANUFACTURER | \$108,257  | \$734,950  | 0.332                            | 0.362    | 12                       | 0.972                |
|                    | 36 MED. MANUFACTURER | \$596,047  | \$2,964,794  | 0.494                            | 0.539    | 21                       | 0.907                |
|                    | 37 HVY. MANUFACTURER | \$288,801  | \$1,261,589  | 0.482                            | 0.526    | 23                       | 0.942                |
|                    | 38 MISC. OPERATION   | \$242,433  | \$1,426,035  | 0.679                            | 0.741    | 54                       | 0.949                |
|                    | TOTAL *              | \$3,594,126  | \$20,488,967   | 0.709                            |          | 621                      |                      |
| 33 MULT OFFICE     | 31 LIGHT CONTRACTING | \$27,952   | \$116,939  | 1.181                            | 1.289    | 2                        | 1.037                |
|                    | 32 MEDIUM CONTRCTING | \$28,416   | \$134,368  | 0.000                            | 0.000    | 0                        | 1.041                |
|                    | 33 HEAVY CONTRACTING | \$51,377   | \$272,118  | 0.326                            | 0.356    | 5                        | 0.998                |
|                    | 38 MISC. OPERATION   | \$107,038  | \$400,296  | 2.968                            | 3.240    | 7                        | 1.010                |
|                    | TOTAL *              | \$214,783  | \$923,721  | 1.711                            |          | 14                       |                      |
| 34 MULT MERCANTILE | 30 SERVICE           | \$12,274   | \$70,560   | 0.206                            | 0.225    | 2                        | 1.012                |
|                    | 32 MEDIUM CONTRCTING | \$70,947   | \$380,353  | 0.907                            | 0.990    | 13                       | 1.011                |
|                    | 34 DEALER OR DISTRIB | \$620,252  | \$3,219,461  | 0.581                            | 0.634    | 69                       | 0.970                |
|                    | 38 MISC. OPERATION   | \$43,117   | \$170,937  | 2.508                            | 2.738    | 15                       | 0.980                |
|                    | TOTAL *              | \$746,590  | \$3,841,311  | 0.717                            |          | 99                       |                      |
| 35 MULT INSTITUT.  | 31 LIGHT CONTRACTING | \$5,302  | \$27,970   | 0.151                            | 0.165    | 1                        | 0.999                |
|                    | 32 MEDIUM CONTRCTING | \$6,716  | \$29,719   | 0.000                            | 0.000    | 0                        | 1.002                |
|                    | TOTAL *              | \$12,019   | \$57,689   | 0.067                            |          | 1                        |                      |
| 36 MULT SERVICES   | 30 SERVICE           | \$22,199   | \$152,058  | 3.571                            | 3.898    | 17                       | 1.016                |
|                    | 31 LIGHT CONTRACTING | \$96,913   | \$546,446  | 1.883                            | 2.056    | 45                       | 1.011                |
|                    | 32 MEDIUM CONTRCTING | \$94,806   | \$444,141  | 0.865                            | 0.944    | 11                       | 1.015                |
|                    | 33 HEAVY CONTRACTING | \$28,548   | \$147,297  | 0.149                            | 0.163    | 3                        | 0.972                |
|                    | 34 DEALER OR DISTRIB | \$395,411  | \$1,899,965  | 0.962                            | 1.050    | 113                      | 0.974                |
|                    | 36 MED. MANUFACTURER | \$12,434   | \$64,845   | 1.213                            | 1.324    | 5                        | 0.940                |
|                    | 38 MISC. OPERATION   | \$483,742  | \$2,326,541  | 0.427                            | 0.466    | 74                       | 0.984                |
|                    | TOTAL *              | \$1,134,052  | \$5,581,293  | 0.838                            |          | 268                      |                      |



MINNESOTA  
MANUFACTURERS AND CONTRACTORS  
BASIC LIMIT RELATIVE CHANGE ANALYSIS  
SUMMARY OF EXPERIENCE USED IN RELATIVE CHANGE ANALYSIS

|                      |                      | (1)   | (2)  | (3)                              | (4)      | (5)                      | (6)                  |
|----------------------|----------------------|---|--|----------------------------------|----------|--------------------------|----------------------|
|                      |                      | FISCAL A.Y.E.<br>09/30/2022                 | FISCAL A.Y.E. 2018                                 |                                  |          |                          |                      |
| TYPE OF POLICY       | CLASS GROUP          | AGGREGATE LOSS<br>COSTS AT CURRENT<br>LEVEL | - 2022 AGGREGATE<br>LOSS COSTS AT<br>CURRENT LEVEL | FIVE YEAR<br>EXPERIENCE<br>RATIO | RELATIV. | NUMBER OF<br>OCCURRENCES | BAL CELL<br>RELATIV. |
|                      |                      |   |  |                                  |          |                          |                      |
| 37 MULT INDUST/PROC. | 31 LIGHT CONTRACTING | \$227                                       | \$1,212  | 2.106                            | 2.299    | 1                        | 1.025                |
|                      | 32 MEDIUM CONTRCTING | \$116,164                                   | \$886,045  | 0.711                            | 0.776    | 16                       | 1.029                |
|                      | 33 HEAVY CONTRACTING | \$31,241                                    | \$189,220  | 1.553                            | 1.695    | 9                        | 0.986                |
|                      | 34 DEALER OR DISTRIB | \$15,477                                    | \$63,204   | 0.000                            | 0.000    | 0                        | 0.988                |
|                      | 35 LGT. MANUFACTURER | \$118,506                                   | \$646,708  | 2.606                            | 2.845    | 14                       | 1.022                |
|                      | 36 MED. MANUFACTURER | \$910,759                                   | \$4,697,244  | 0.382                            | 0.417    | 57                       | 0.954                |
|                      | 37 HVY. MANUFACTURER | \$857,394                                   | \$4,025,881  | 0.860                            | 0.939    | 40                       | 0.990                |
|                      | 38 MISC. OPERATION   | \$8,380                                     | \$47,243   | 0.204                            | 0.223    | 2                        | 0.998                |
|                      | TOTAL *              | \$2,058,147                                 | \$10,556,757                                       | 0.742                            |          | 139                      |                      |
| 38 MULT CONTRACTORS  | 30 SERVICE           | \$468,595                                   | \$2,323,453  | 1.343                            | 1.466    | 102                      | 1.060                |
|                      | 31 LIGHT CONTRACTING | \$608,488                                   | \$3,325,601  | 1.181                            | 1.289    | 208                      | 1.055                |
|                      | 32 MEDIUM CONTRCTING | \$2,689,832                                 | \$13,954,244                                       | 1.230                            | 1.343    | 670                      | 1.059                |
|                      | 33 HEAVY CONTRACTING | \$984,348                                   | \$4,967,648  | 0.881                            | 0.962    | 86                       | 1.014                |
|                      | 38 MISC. OPERATION   | \$32,319                                    | \$371,050  | 0.990                            | 1.081    | 6                        | 1.027                |
|                      | TOTAL *              | \$4,783,583                                 | \$24,941,996                                       | 1.161                            |          | 1,072                    |                      |
| TOTAL ALL            | TOP 30 SERVICE       | \$591,848                                   | \$3,032,922  | 1.376                            |          | 146                      |                      |
|                      | 31 LIGHT CONTRACTING | \$1,028,034                                 | \$5,479,175  | 1.145                            |          | 329                      |                      |
|                      | 32 MEDIUM CONTRCTING | \$4,542,911                                 | \$25,181,167                                       | 1.051                            |          | 1,060                    |                      |
|                      | 33 HEAVY CONTRACTING | \$1,433,928                                 | \$7,546,720  | 0.839                            |          | 143                      |                      |
|                      | 34 DEALER OR DISTRIB | \$1,137,352                                 | \$6,013,635  | 0.711                            |          | 206                      |                      |
|                      | 35 LGT. MANUFACTURER | \$226,762                                   | \$1,381,658  | 1.520                            |          | 26                       |                      |
|                      | 36 MED. MANUFACTURER | \$1,519,240                                 | \$7,726,883  | 0.433                            |          | 83                       |                      |
|                      | 37 HVY. MANUFACTURER | \$1,146,195                                 | \$5,287,470  | 0.765                            |          | 63                       |                      |
|                      | 38 MISC. OPERATION   | \$917,029                                   | \$4,742,102  | 0.906                            |          | 158                      |                      |
|                      | TOTAL *              | \$12,543,299                                | \$66,391,732                                       | 0.916                            |          | 2,214                    |                      |

\* TOTALS IN COLUMN (3) ARE AVERAGES USING COLUMN (1) AS WEIGHTS.

MINNESOTA  
OWNERS, LANDLORDS AND TENANTS  
BASIC LIMIT RELATIVE CHANGE ANALYSIS

|                           | (1)                           | (2)              | (3)               | (4)                  | STATEWIDE<br>COVERAGE<br>INDICATION OF<br>+ 20.4% |                                       |
|---------------------------|-------------------------------|------------------|-------------------|----------------------|---|---------------------------------------|
| TOP                       | BAILEY<br>FORMULA<br>RELATIV. | CREDIBILITY<br>Z | Z-WTD<br>RELATIV. | BALANCED<br>RELATIV. |   |                                       |
| 10                        | 0.888                         | 0.191            | 0.978             | 0.975                |   |                                       |
| 31                        | 0.895                         | 0.091            | 0.990             | 0.988                |   |                                       |
| 32                        | 0.625                         | 0.109            | 0.950             | 0.948                |   |                                       |
| 33                        | 1.148                         | 0.156            | 1.022             | 1.019                |   |                                       |
| 34                        | 1.301                         | 0.182            | 1.049             | 1.046                |   |                                       |
| 35                        | 0.903                         | 0.206            | 0.979             | 0.977                |   |                                       |
| 36                        | 1.266                         | 0.110            | 1.026             | 1.024                |   |                                       |
| CLASS<br>GROUP            |                               |                  |                   |                      | (5)<br>INDICATED<br>MONOLINE<br>CHANGE            | (6)<br>SELECTED<br>MONOLINE<br>CHANGE |
| 01                        | 0.446                         | 0.083            | 0.935             | 0.932                | + 10.4%   | + 5.8%                                |
| 02                        | 0.892                         | 0.126            | 0.986             | 0.983                | + 14.8%   | + 10.0%                               |
| 03                        | 0.833                         | 0.105            | 0.981             | 0.978                | + 15.7%   | + 10.8%                               |
| 04                        | 0.466                         | 0.034            | 0.974             | 0.972                | + 14.3%   | + 9.5%                                |
| 05                        | 0.821                         | 0.041            | 0.992             | 0.989                | + 15.9%   | + 11.0%                               |
| 06                        | 0.214                         | 0.045            | 0.932             | 0.930                | + 10.3%   | + 5.7%                                |
| 07                        | 0.480                         | 0.065            | 0.953             | 0.951                | + 12.3%   | + 7.6%                                |
| 08                        | 1.632                         | 0.041            | 1.021             | 1.018                | + 20.0%   | + 14.9%                               |
| 09                        | 1.198                         | 0.119            | 1.022             | 1.019                | + 19.0%   | + 14.0%                               |
| 10                        | 1.113                         | 0.214            | 1.023             | 1.020                | + 20.3%   | + 15.2%                               |
| 11                        | 1.616                         | 0.124            | 1.061             | 1.059                | + 23.0%   | + 17.8%                               |
| 12                        | 0.997                         | 0.209            | 0.999             | 0.997                | + 16.8%   | + 11.9%                               |
| 13                        | 1.811                         | 0.063            | 1.038             | 1.036                | + 20.9%   | + 15.8%                               |
| 16                        | 0.000                         | 0.000            | 1.000             | 0.997                | + 19.1%   | + 14.1%                               |
| OVERALL MONOLINE CHANGE * |                               |                  |                   |                      | + 17.4%   | + 12.5%                               |

\* Monoline/multiline ALCCL for the latest year was used to weight the monoline change by class group.

\*\* Individual large ALAE incident(s) have been capped in order to limit the impact on the corresponding relative change factors.

MINNESOTA  
OWNERS, LANDLORDS AND TENANTS  
BASIC LIMIT RELATIVE CHANGE ANALYSIS

|           | (1)      | (2)         | (3)      | (4)      | (5)       | (6)      |
|-----------|----------|-------------|----------|----------|-----------|----------|
|           | BAILEY   |             |          |          | INDICATED | SELECTED |
|           | FORMULA  | CREDIBILITY | Z-WTD    | BALANCED | MONOLINE  | MONOLINE |
| TERRITORY | RELATIV. | Z           | RELATIV. | RELATIV. | CHANGE    | CHANGE   |
| 501       | 0.891    | 0.236       | 0.973    | 0.971    | + 14.9%   | + 10.1%  |
| 502       | 1.060    | 0.328       | 1.019    | 1.017    | + 18.9%   | + 13.9%  |
| 503       | 1.147    | 0.072       | 1.010    | 1.007    | + 19.5%   | + 14.4%  |

MINNESOTA  
OWNERS, LANDLORDS AND TENANTS  
BASIC LIMIT RELATIVE CHANGE ANALYSIS  
SUMMARY OF EXPERIENCE USED IN RELATIVE CHANGE ANALYSIS

| TERRITORY           | ALL                   | (1)                                | (2)                               | (3)                     | (4)      | (5)                      | (6)                  |
|---------------------|-----------------------|------------------------------------|-----------------------------------|-------------------------|----------|--------------------------|----------------------|
|                     |                       | FISCAL A.Y.E.<br>09/30/2022        | FISCAL A.Y.E. 2018                |                         |          |                          |                      |
|                     |                       | AGGREGATE LOSS<br>COSTS AT CURRENT | - 2022 AGGREGATE<br>LOSS COSTS AT | FIVE YEAR<br>EXPERIENCE |          | NUMBER OF<br>OCCURRENCES | BAL CELL<br>RELATIV. |
| TYPE OF POLICY      | CLASS GROUP           | LEVEL                              | CURRENT LEVEL                     | RATIO                   | RELATIV. |                          |                      |
| 10 MONOLINE         | 01 FOOD&BEV. (RETAIL) | \$69,254                           | \$656,381                         | 0.974                   |          | 33                       |                      |
|                     | 02 RESTAURANTS        | \$249,764                          | \$1,326,632                       | 0.450                   |          | 41                       |                      |
|                     | 03 STORES             | \$186,344                          | \$1,085,597                       | 0.328                   |          | 29                       |                      |
|                     | 04 VENDING & RENTAL   | \$3,281                            | \$21,604                          | 0.131                   |          | 1                        |                      |
|                     | 05 FOOD & BEV. DIST.  | \$44,871                           | \$274,398                         | 0.633                   |          | 4                        |                      |
|                     | 06 NON-FOOD&BEV.DIST  | \$69,097                           | \$339,812                         | 0.095                   |          | 2                        |                      |
|                     | 07 CLUBS, AMSMT&SPRTS | \$129,234                          | \$545,620                         | 1.019                   |          | 28                       |                      |
|                     | 08 HEALTH CARE FACIL  | \$12,425                           | \$46,692                          | 2.837                   |          | 1                        |                      |
|                     | 09 HOTELS AND MOTELS  | \$181,352                          | \$1,772,315                       | 1.015                   |          | 103                      |                      |
|                     | 10 SCHLS & CHURCHES   | \$927,102                          | \$2,074,598                       | 1.063                   |          | 99                       |                      |
|                     | 11 APARTMENTS         | \$635,777                          | \$3,650,449                       | 1.505                   |          | 119                      |                      |
|                     | 12 BUILDINGS&OFFICES  | \$725,175                          | \$4,145,161                       | 1.143                   |          | 187                      |                      |
|                     | 13 MISC. PREMISES     | \$18,908                           | \$110,627                         | 1.272                   |          | 8                        |                      |
|                     | 16 GOVT SUBDIVISIONS  | \$419                              | \$16,117                          | 0.000                   |          | 0                        |                      |
|                     | TOTAL *               | \$3,253,004                        | \$16,066,003                      | 1.052                   |          | 655                      |                      |
| 31 MULT MOTEL/HOTEL | 09 HOTELS AND MOTELS  | \$488,270                          | \$2,831,972                       | 1.207                   |          | 148                      |                      |
|                     | TOTAL *               | \$488,270                          | \$2,831,972                       | 1.207                   |          | 148                      |                      |
| 32 MULT APARTMENT   | 11 APARTMENTS         | \$888,738                          | \$4,315,712                       | 1.092                   |          | 159                      |                      |
|                     | 12 BUILDINGS&OFFICES  | 199,048                            | 1,103,494                         | 0.631                   |          | 53                       |                      |
|                     | TOTAL *               | \$1,087,786                        | \$5,419,206                       | 1.008                   |          | 212                      |                      |
| 33 MULT OFFICE      | 12 BUILDINGS&OFFICES  | \$1,950,844                        | \$9,650,019                       | 1.280                   |          | 435                      |                      |
|                     | 13 MISC. PREMISES     | 13,803                             | 62,756                            | 0.610                   |          | 4                        |                      |
|                     | TOTAL *               | \$1,964,647                        | \$9,712,775                       | 1.276                   |          | 439                      |                      |
| 34 MULT MERCANTILE  | 01 FOOD&BEV. (RETAIL) | \$531,182                          | \$2,245,397                       | 0.591                   |          | 92                       |                      |
|                     | 02 RESTAURANTS        | \$951,954                          | \$4,568,165                       | 1.374                   |          | 247                      |                      |
|                     | 03 STORES             | \$596,754                          | \$2,766,928                       | 1.318                   |          | 138                      |                      |
|                     | 04 VENDING & RENTAL   | \$56,413                           | \$227,061                         | 0.000                   |          | 0                        |                      |
|                     | 05 FOOD & BEV. DIST.  | \$109,530                          | \$508,772                         | 1.242                   |          | 27                       |                      |
|                     | 06 NON-FOOD&BEV.DIST  | \$366,333                          | \$1,886,652                       | 0.342                   |          | 35                       |                      |
|                     | 12 BUILDINGS&OFFICES  | \$287,608                          | \$1,545,955                       | 1.163                   |          | 57                       |                      |
|                     | TOTAL *               | \$2,899,774                        | \$13,748,930                      | 1.036                   |          | 596                      |                      |
| 35 MULT INSTITUT.   | 07 CLUBS, AMSMT&SPRTS | \$59,397                           | \$135,100                         | 0.266                   |          | 4                        |                      |
|                     | 08 HEALTH CARE FACIL  | \$149,543                          | \$604,158                         | 1.590                   |          | 30                       |                      |
|                     | 10 SCHLS & CHURCHES   | \$1,573,838                        | \$8,489,653                       | 1.167                   |          | 727                      |                      |
|                     | 12 BUILDINGS&OFFICES  | \$2,823                            | \$17,466                          | 0.081                   |          | 1                        |                      |
|                     | 13 MISC. PREMISES     | \$0                                | \$81                              | 0.000                   |          | 0                        |                      |
|                     | 16 GOVT SUBDIVISIONS  | \$164                              | \$20,575                          | 0.000                   |          | 0                        |                      |
|                     | TOTAL *               | \$1,785,766                        | \$9,267,034                       | 1.170                   |          | 762                      |                      |

MINNESOTA  
OWNERS, LANDLORDS AND TENANTS  
BASIC LIMIT RELATIVE CHANGE ANALYSIS  
SUMMARY OF EXPERIENCE USED IN RELATIVE CHANGE ANALYSIS

| TERRITORY        | ALL                   |                       | (1)  | (2)  | (3)                              | (4)      | (5)                      | (6)                  |
|------------------|-----------------------|-----------------------|--|--|----------------------------------|----------|--------------------------|----------------------|
|                  |                       |                       | FISCAL A.Y.E.<br>09/30/2022<br>AGGREGATE LOSS<br>COSTS AT CURRENT<br>LEVEL | FISCAL A.Y.E. 2018<br>- 2022 AGGREGATE<br>LOSS COSTS AT<br>CURRENT LEVEL | FIVE YEAR<br>EXPERIENCE<br>RATIO | RELATIV. | NUMBER OF<br>OCCURRENCES | BAL CELL<br>RELATIV. |
| TYPE OF POLICY   | CLASS GROUP           |                       |  |  |                                  |          |                          |                      |
| 36 MULT SERVICES | 03 STORES             |                       | \$40,091   | \$233,266  | 2.200                            |          | 32                       |                      |
|                  | 04 VENDING & RENTAL   |                       | \$19,495   | \$152,167  | 2.667                            |          | 20                       |                      |
|                  | 07 CLUBS, AMSMT&SPRTS |                       | \$388,658  | \$1,900,787  | 0.542                            |          | 45                       |                      |
|                  | 08 HEALTH CARE FACIL  |                       | \$160  | \$1,762  | 0.000                            |          | 0                        |                      |
|                  | 09 HOTELS AND MOTELS  |                       | \$6,164  | \$59,173   | 4.239                            |          | 4                        |                      |
|                  | 10 SCHLS & CHURCHES   |                       | \$8,134  | \$25,848   | 0.000                            |          | 0                        |                      |
|                  | 12 BUILDINGS&OFFICES  |                       | \$135,163  | \$961,034  | 0.936                            |          | 56                       |                      |
|                  | 13 MISC. PREMISES     |                       | \$83,031   | \$546,352  | 2.877                            |          | 60                       |                      |
|                  | TOTAL *               |                       | \$680,895  | \$3,880,388  | 1.090                            |          | 217                      |                      |
| TOTAL ALL        | TOP                   | 01 FOOD&BEV. (RETAIL) | \$600,435  | \$2,901,778  | 0.635                            |          | 125                      |                      |
|                  |                       | 02 RESTAURANTS        | \$1,201,718  | \$5,894,797  | 1.182                            |          | 288                      |                      |
|                  |                       | 03 STORES             | \$823,189  | \$4,085,790  | 1.137                            |          | 199                      |                      |
|                  |                       | 04 VENDING & RENTAL   | \$79,189   | \$400,832  | 0.662                            |          | 21                       |                      |
|                  |                       | 05 FOOD & BEV. DIST.  | \$154,401  | \$783,170  | 1.065                            |          | 31                       |                      |
|                  |                       | 06 NON-FOOD&BEV.DIST  | \$435,430  | \$2,226,464  | 0.303                            |          | 37                       |                      |
|                  |                       | 07 CLUBS, AMSMT&SPRTS | \$577,289  | \$2,581,506  | 0.620                            |          | 77                       |                      |
|                  |                       | 08 HEALTH CARE FACIL  | \$162,128  | \$652,612  | 1.684                            |          | 31                       |                      |
|                  |                       | 09 HOTELS AND MOTELS  | \$675,786  | \$4,663,460  | 1.183                            |          | 255                      |                      |
|                  |                       | 10 SCHLS & CHURCHES   | \$2,509,075  | \$10,590,100   | 1.124                            |          | 826                      |                      |
|                  |                       | 11 APARTMENTS         | \$1,524,515  | \$7,966,162  | 1.264                            |          | 278                      |                      |
|                  |                       | 12 BUILDINGS&OFFICES  | \$3,300,661  | \$17,423,129   | 1.186                            |          | 789                      |                      |
|                  |                       | 13 MISC. PREMISES     | \$115,742  | \$719,817  | 2.344                            |          | 72                       |                      |
|                  |                       | 16 GOVT SUBDIVISIONS  | \$583  | \$36,691   | 0.000                            |          | 0                        |                      |
|                  |                       | TOTAL *               | \$12,160,141   | \$60,926,308   | 1.106                            |          | 3,029                    |                      |

\* TOTALS IN COLUMN (3) ARE AVERAGES USING COLUMN (1) AS WEIGHTS.

MINNESOTA  
OWNERS, LANDLORDS AND TENANTS  
BASIC LIMIT RELATIVE CHANGE ANALYSIS  
SUMMARY OF EXPERIENCE USED IN RELATIVE CHANGE ANALYSIS

| TERRITORY           | 501                   | (1)   | (2)  | (3)                              | (4)      | (5)                      | (6)                  |
|---------------------|-----------------------|---|--|----------------------------------|----------|--------------------------|----------------------|
|                     |                       | FISCAL A.Y.E.<br>09/30/2022                 | FISCAL A.Y.E. 2018                                 |                                  |          |                          |                      |
|                     |                       | AGGREGATE LOSS<br>COSTS AT CURRENT<br>LEVEL | - 2022 AGGREGATE<br>LOSS COSTS AT<br>CURRENT LEVEL | FIVE YEAR<br>EXPERIENCE<br>RATIO | RELATIV. | NUMBER OF<br>OCCURRENCES | BAL CELL<br>RELATIV. |
| TYPE OF POLICY      | CLASS GROUP           |   |  |                                  |          |                          |                      |
| 10 MONOLINE         | 01 FOOD&BEV. (RETAIL) | \$684                                       | \$69,776   | 3.093                            | 2.797    | 8                        | 0.882                |
|                     | 02 RESTAURANTS        | \$202,881                                   | \$1,039,356  | 0.366                            | 0.330    | 20                       | 0.930                |
|                     | 03 STORES             | \$17,816                                    | \$139,458  | 1.702                            | 1.539    | 5                        | 0.926                |
|                     | 04 VENDING & RENTAL   | \$1,448                                     | \$5,626  | 0.000                            | 0.000    | 0                        | 0.920                |
|                     | 05 FOOD & BEV. DIST.  | \$25,777                                    | \$178,261  | 0.020                            | 0.018    | 1                        | 0.936                |
|                     | 06 NON-FOOD&BEV.DIST  | \$7,058                                     | \$35,326   | 0.021                            | 0.019    | 0                        | 0.880                |
|                     | 07 CLUBS, AMSMT&SPRTS | \$32,633                                    | \$143,573  | 1.548                            | 1.399    | 6                        | 0.900                |
|                     | 08 HEALTH CARE FACIL  | \$4,470                                     | \$15,808   | 7.887                            | 7.131    | 1                        | 0.963                |
|                     | 09 HOTELS AND MOTELS  | \$148,095                                   | \$1,311,706  | 1.107                            | 1.001    | 73                       | 0.964                |
|                     | 10 SCHLS & CHURCHES   | \$405,997                                   | \$879,829  | 0.887                            | 0.802    | 49                       | 0.965                |
|                     | 11 APARTMENTS         | \$402,478                                   | \$2,245,787  | 1.418                            | 1.282    | 70                       | 1.002                |
|                     | 12 BUILDINGS&OFFICES  | \$337,843                                   | \$1,967,528  | 1.088                            | 0.983    | 100                      | 0.944                |
|                     | 13 MISC. PREMISES     | \$12,064                                    | \$73,801   | 1.813                            | 1.639    | 3                        | 0.980                |
|                     | TOTAL *               | \$1,599,244                                 | \$8,105,832  | 1.049                            |          | 336                      |                      |
| 31 MULT MOTEL/HOTEL | 09 HOTELS AND MOTELS  | \$155,929                                   | \$1,105,132  | 0.334                            | 0.302    | 46                       | 0.977                |
|                     | TOTAL *               | \$155,929                                   | \$1,105,132  | 0.334                            |          | 46                       |                      |
| 32 MULT APARTMENT   | 11 APARTMENTS         | \$485,673                                   | \$2,332,198  | 1.255                            | 1.134    | 81                       | 0.975                |
|                     | 12 BUILDINGS&OFFICES  | \$116,986                                   | \$641,467  | 0.678                            | 0.613    | 38                       | 0.917                |
|                     | TOTAL *               | \$602,659                                   | \$2,973,665  | 1.143                            |          | 119                      |                      |
| 33 MULT OFFICE      | 12 BUILDINGS&OFFICES  | \$712,173                                   | \$3,519,291  | 1.257                            | 1.137    | 150                      | 0.986                |
|                     | 13 MISC. PREMISES     | \$6,250                                     | \$33,325   | 0.000                            | 0.000    | 0                        | 1.025                |
|                     | TOTAL *               | \$718,423                                   | \$3,552,616  | 1.246                            |          | 150                      |                      |
| 34 MULT MERCANTILE  | 01 FOOD&BEV. (RETAIL) | \$114,677                                   | \$447,382  | 0.202                            | 0.183    | 16                       | 0.946                |
|                     | 02 RESTAURANTS        | \$369,116                                   | \$1,905,574  | 0.719                            | 0.650    | 80                       | 0.998                |
|                     | 03 STORES             | \$153,109                                   | \$607,212  | 1.433                            | 1.295    | 48                       | 0.993                |
|                     | 04 VENDING & RENTAL   | \$12,314                                    | \$53,753   | 0.000                            | 0.000    | 0                        | 0.987                |
|                     | 05 FOOD & BEV. DIST.  | \$38,291                                    | \$211,040  | 1.524                            | 1.378    | 8                        | 1.004                |
|                     | 06 NON-FOOD&BEV.DIST  | \$55,142                                    | \$334,371  | 1.470                            | 1.330    | 20                       | 0.944                |
|                     | 12 BUILDINGS&OFFICES  | \$65,758                                    | \$357,395  | 1.253                            | 1.133    | 17                       | 1.012                |
|                     | TOTAL *               | \$808,407                                   | \$3,916,729  | 0.903                            |          | 189                      |                      |
| 35 MULT INSTITUT.   | 07 CLUBS, AMSMT&SPRTS | \$137                                       | \$829  | 0.000                            | 0.000    | 0                        | 0.902                |
|                     | 08 HEALTH CARE FACIL  | \$34,516                                    | \$130,947  | 2.686                            | 2.429    | 10                       | 0.965                |
|                     | 10 SCHLS & CHURCHES   | \$283,195                                   | \$1,865,235  | 0.827                            | 0.748    | 75                       | 0.967                |
|                     | 12 BUILDINGS&OFFICES  | \$1,328                                     | \$5,534  | 0.000                            | 0.000    | 0                        | 0.946                |
|                     | TOTAL *               | \$319,176                                   | \$2,002,544  | 1.025                            |          | 85                       |                      |

MINNESOTA  
OWNERS, LANDLORDS AND TENANTS  
BASIC LIMIT RELATIVE CHANGE ANALYSIS  
SUMMARY OF EXPERIENCE USED IN RELATIVE CHANGE ANALYSIS

| TERRITORY        | 501                   |                       | (1)  | (2)  | (3)                              | (4)      | (5)                      | (6)                  |
|------------------|-----------------------|-----------------------|--|--|----------------------------------|----------|--------------------------|----------------------|
|                  |                       |                       | FISCAL A.Y.E.<br>09/30/2022<br>AGGREGATE LOSS<br>COSTS AT CURRENT<br>LEVEL | FISCAL A.Y.E. 2018<br>- 2022 AGGREGATE<br>LOSS COSTS AT<br>CURRENT LEVEL | FIVE YEAR<br>EXPERIENCE<br>RATIO | RELATIV. | NUMBER OF<br>OCCURRENCES | BAL CELL<br>RELATIV. |
| TYPE OF POLICY   | CLASS GROUP           |                       |  |  |                                  |          |                          |                      |
| 36 MULT SERVICES | 03 STORES             |                       | \$3,071  | \$18,339   | 3.809                            | 3.444    | 7                        | 0.972                |
|                  | 04 VENDING & RENTAL   |                       | \$11,326   | \$65,122   | 2.831                            | 2.559    | 10                       | 0.966                |
|                  | 07 CLUBS, AMSMT&SPRTS |                       | \$103,621  | \$503,889  | 0.598                            | 0.541    | 14                       | 0.945                |
|                  | 08 HEALTH CARE FACIL  |                       | \$84   | \$1,120  | 0.000                            | 0.000    | 0                        | 1.012                |
|                  | 09 HOTELS AND MOTELS  |                       | \$0  | \$18,873   | 0.000                            | 0.000    | 0                        | 1.013                |
|                  | 10 SCHLS & CHURCHES   |                       | \$897  | \$2,606  | 0.000                            | 0.000    | 0                        | 1.014                |
|                  | 12 BUILDINGS&OFFICES  |                       | \$76,060   | \$609,103  | 0.698                            | 0.631    | 32                       | 0.991                |
|                  | 13 MISC. PREMISES     |                       | \$36,840   | \$247,987  | 0.880                            | 0.796    | 14                       | 1.030                |
|                  | TOTAL *               |                       | \$231,899  | \$1,467,039  | 0.825                            |          | 77                       |                      |
| TOTAL ALL        | TOP                   | 01 FOOD&BEV. (RETAIL) | \$115,361  | \$517,158  | 0.219                            |          | 24                       |                      |
|                  |                       | 02 RESTAURANTS        | \$571,997  | \$2,944,930  | 0.594                            |          | 100                      |                      |
|                  |                       | 03 STORES             | \$173,996  | \$765,008  | 1.502                            |          | 60                       |                      |
|                  |                       | 04 VENDING & RENTAL   | \$25,088   | \$124,501  | 1.278                            |          | 10                       |                      |
|                  |                       | 05 FOOD & BEV. DIST.  | \$64,068   | \$389,300  | 0.919                            |          | 9                        |                      |
|                  |                       | 06 NON-FOOD&BEV.DIST  | \$62,200   | \$369,697  | 1.306                            |          | 20                       |                      |
|                  |                       | 07 CLUBS, AMSMT&SPRTS | \$136,391  | \$648,291  | 0.825                            |          | 20                       |                      |
|                  |                       | 08 HEALTH CARE FACIL  | \$39,070   | \$147,874  | 3.275                            |          | 11                       |                      |
|                  |                       | 09 HOTELS AND MOTELS  | \$304,024  | \$2,435,710  | 0.711                            |          | 119                      |                      |
|                  |                       | 10 SCHLS & CHURCHES   | \$690,089  | \$2,747,669  | 0.861                            |          | 124                      |                      |
|                  |                       | 11 APARTMENTS         | \$888,151  | \$4,577,985  | 1.329                            |          | 151                      |                      |
|                  |                       | 12 BUILDINGS&OFFICES  | \$1,310,148  | \$7,100,318  | 1.128                            |          | 337                      |                      |
|                  |                       | 13 MISC. PREMISES     | \$55,154   | \$355,113  | 0.984                            |          | 17                       |                      |
|                  |                       | TOTAL *               | \$4,435,736  | \$23,123,556   | 1.028                            |          | 1,002                    |                      |

\* TOTALS IN COLUMN (3) ARE AVERAGES USING COLUMN (1) AS WEIGHTS.

MINNESOTA  
OWNERS, LANDLORDS AND TENANTS  
BASIC LIMIT RELATIVE CHANGE ANALYSIS  
SUMMARY OF EXPERIENCE USED IN RELATIVE CHANGE ANALYSIS

| TERRITORY           | 502                   | (1)                         | (2)                | (3)        | (4)      | (5)         | (6)      |
|---------------------|-----------------------|-----------------------------|--------------------|------------|----------|-------------|----------|
|                     |                       | FISCAL A.Y.E.<br>09/30/2022 | FISCAL A.Y.E. 2018 |            |          |             |          |
|                     |                       | AGGREGATE LOSS              | - 2022 AGGREGATE   | FIVE YEAR  |          | NUMBER OF   | BAL CELL |
| TYPE OF POLICY      | CLASS GROUP           | COSTS AT CURRENT            | LOSS COSTS AT      | EXPERIENCE | RELATIV. | OCCURRENCES | RELATIV. |
|                     |                       | LEVEL                       | CURRENT LEVEL      | RATIO      |          |             |          |
| 10 MONOLINE         | 01 FOOD&BEV. (RETAIL) | \$68,570                    | \$576,177          | 0.953      | 0.862    | 25          | 0.924    |
|                     | 02 RESTAURANTS        | \$41,244                    | \$247,635          | 0.726      | 0.656    | 18          | 0.975    |
|                     | 03 STORES             | \$162,300                   | \$906,543          | 0.188      | 0.170    | 22          | 0.970    |
|                     | 04 VENDING & RENTAL   | \$1,685                     | \$15,054           | 0.255      | 0.230    | 1           | 0.964    |
|                     | 05 FOOD & BEV. DIST.  | \$19,073                    | \$96,050           | 1.462      | 1.322    | 3           | 0.981    |
|                     | 06 NON-FOOD&BEV.DIST  | \$61,859                    | \$301,127          | 0.103      | 0.093    | 2           | 0.922    |
|                     | 07 CLUBS, AMSMT&SPRTS | \$90,393                    | \$366,822          | 0.821      | 0.742    | 19          | 0.943    |
|                     | 08 HEALTH CARE FACIL  | \$4,489                     | \$13,415           | 0.000      | 0.000    | 0           | 1.009    |
|                     | 09 HOTELS AND MOTELS  | \$14,973                    | \$296,826          | 0.792      | 0.716    | 19          | 1.010    |
|                     | 10 SCHLS & CHURCHES   | \$480,945                   | \$1,112,839        | 1.291      | 1.167    | 49          | 1.011    |
|                     | 11 APARTMENTS         | \$221,120                   | \$1,351,354        | 1.607      | 1.453    | 46          | 1.050    |
|                     | 12 BUILDINGS&OFFICES  | \$370,695                   | \$2,083,129        | 1.243      | 1.124    | 85          | 0.989    |
|                     | 13 MISC. PREMISES     | \$4,198                     | \$24,597           | 0.517      | 0.467    | 5           | 1.027    |
|                     | 16 GOVT SUBDIVISIONS  | \$419                       | \$16,117           | 0.000      | 0.000    | 0           | 0.989    |
|                     | TOTAL *               | \$1,541,961                 | \$7,407,684        | 1.093      |          | 294         |          |
| 31 MULT MOTEL/HOTEL | 09 HOTELS AND MOTELS  | \$269,395                   | \$1,501,191        | 1.546      | 1.398    | 90          | 1.024    |
|                     | TOTAL *               | \$269,395                   | \$1,501,191        | 1.546      |          | 90          |          |
| 32 MULT APARTMENT   | 11 APARTMENTS         | \$363,192                   | \$1,797,614        | 0.994      | 0.899    | 77          | 1.021    |
|                     | 12 BUILDINGS&OFFICES  | \$79,744                    | \$449,563          | 0.537      | 0.485    | 14          | 0.961    |
|                     | TOTAL *               | \$442,936                   | \$2,247,177        | 0.912      |          | 91          |          |
| 33 MULT OFFICE      | 12 BUILDINGS&OFFICES  | \$1,160,662                 | \$5,770,989        | 1.338      | 1.210    | 274         | 1.033    |
|                     | 13 MISC. PREMISES     | \$7,312                     | \$28,936           | 1.152      | 1.041    | 4           | 1.074    |
|                     | TOTAL *               | \$1,167,975                 | \$5,799,925        | 1.337      |          | 278         |          |
| 34 MULT MERCANTILE  | 01 FOOD&BEV. (RETAIL) | \$410,385                   | \$1,758,206        | 0.643      | 0.581    | 74          | 0.991    |
|                     | 02 RESTAURANTS        | \$555,150                   | \$2,508,198        | 1.616      | 1.461    | 153         | 1.046    |
|                     | 03 STORES             | \$440,414                   | \$2,129,295        | 1.287      | 1.164    | 90          | 1.040    |
|                     | 04 VENDING & RENTAL   | \$44,099                    | \$172,876          | 0.000      | 0.000    | 0           | 1.034    |
|                     | 05 FOOD & BEV. DIST.  | \$69,788                    | \$283,903          | 1.035      | 0.936    | 14          | 1.052    |
|                     | 06 NON-FOOD&BEV.DIST  | \$309,627                   | \$1,544,352        | 0.143      | 0.129    | 15          | 0.989    |
|                     | 12 BUILDINGS&OFFICES  | \$209,942                   | \$1,129,058        | 0.749      | 0.677    | 39          | 1.060    |
|                     | TOTAL *               | \$2,039,405                 | \$9,525,888        | 0.981      |          | 385         |          |
| 35 MULT INSTITUT.   | 07 CLUBS, AMSMT&SPRTS | \$59,119                    | \$129,172          | 0.268      | 0.242    | 4           | 0.945    |
|                     | 08 HEALTH CARE FACIL  | \$92,009                    | \$329,624          | 1.524      | 1.378    | 18          | 1.011    |
|                     | 10 SCHLS & CHURCHES   | \$1,260,985                 | \$6,363,052        | 1.232      | 1.114    | 641         | 1.013    |
|                     | 12 BUILDINGS&OFFICES  | \$1,495                     | \$11,933           | 0.154      | 0.139    | 1           | 0.991    |
|                     | 13 MISC. PREMISES     | \$0                         | \$81               | 0.000      | 0.000    | 0           | 1.029    |
|                     | 16 GOVT SUBDIVISIONS  | \$164                       | \$20,575           | 0.000      | 0.000    | 0           | 0.991    |
|                     | TOTAL *               | \$1,413,773                 | \$6,854,437        | 1.210      |          | 664         |          |



MINNESOTA  
OWNERS, LANDLORDS AND TENANTS  
BASIC LIMIT RELATIVE CHANGE ANALYSIS  
SUMMARY OF EXPERIENCE USED IN RELATIVE CHANGE ANALYSIS

| TERRITORY        | 502                   |                       | (1)  | (2)  | (3)                              | (4)      | (5)                      | (6)                  |
|------------------|-----------------------|-----------------------|--|--|----------------------------------|----------|--------------------------|----------------------|
|                  |                       |                       | FISCAL A.Y.E.<br>09/30/2022<br>AGGREGATE LOSS<br>COSTS AT CURRENT<br>LEVEL | FISCAL A.Y.E. 2018<br>- 2022 AGGREGATE<br>LOSS COSTS AT<br>CURRENT LEVEL | FIVE YEAR<br>EXPERIENCE<br>RATIO | RELATIV. | NUMBER OF<br>OCCURRENCES | BAL CELL<br>RELATIV. |
| TYPE OF POLICY   | CLASS GROUP           |                       |  |  |                                  |          |                          |                      |
| 36 MULT SERVICES | 03 STORES             |                       | \$36,000   | \$209,066  | 2.125                            | 1.921    | 25                       | 1.018                |
|                  | 04 VENDING & RENTAL   |                       | \$8,093  | \$83,459   | 2.462                            | 2.226    | 10                       | 1.012                |
|                  | 07 CLUBS, AMSMT&SPRTS |                       | \$275,765  | \$1,345,995  | 0.538                            | 0.487    | 30                       | 0.990                |
|                  | 08 HEALTH CARE FACIL  |                       | \$77   | \$642  | 0.000                            | 0.000    | 0                        | 1.060                |
|                  | 09 HOTELS AND MOTELS  |                       | \$6,164  | \$40,301   | 4.239                            | 3.833    | 4                        | 1.061                |
|                  | 10 SCHLS & CHURCHES   |                       | \$7,237  | \$23,242   | 0.000                            | 0.000    | 0                        | 1.062                |
|                  | 12 BUILDINGS&OFFICES  |                       | \$51,297   | \$308,416  | 1.148                            | 1.038    | 18                       | 1.038                |
|                  | 13 MISC. PREMISES     |                       | \$44,915   | \$290,659  | 4.595                            | 4.155    | 45                       | 1.079                |
|                  | TOTAL *               |                       | \$429,548  | \$2,301,780  | 1.248                            |          | 132                      |                      |
| TOTAL ALL        | TOP                   | 01 FOOD&BEV. (RETAIL) | \$478,955  | \$2,334,383  | 0.687                            |          | 99                       |                      |
|                  |                       | 02 RESTAURANTS        | \$596,394  | \$2,755,833  | 1.554                            |          | 171                      |                      |
|                  |                       | 03 STORES             | \$638,714  | \$3,244,905  | 1.055                            |          | 137                      |                      |
|                  |                       | 04 VENDING & RENTAL   | \$53,877   | \$271,389  | 0.378                            |          | 11                       |                      |
|                  |                       | 05 FOOD & BEV. DIST.  | \$88,861   | \$379,952  | 1.127                            |          | 17                       |                      |
|                  |                       | 06 NON-FOOD&BEV.DIST  | \$371,486  | \$1,845,478  | 0.136                            |          | 17                       |                      |
|                  |                       | 07 CLUBS, AMSMT&SPRTS | \$425,277  | \$1,841,989  | 0.561                            |          | 53                       |                      |
|                  |                       | 08 HEALTH CARE FACIL  | \$96,575   | \$343,681  | 1.452                            |          | 18                       |                      |
|                  |                       | 09 HOTELS AND MOTELS  | \$290,532  | \$1,838,318  | 1.565                            |          | 113                      |                      |
|                  |                       | 10 SCHLS & CHURCHES   | \$1,749,167  | \$7,499,133  | 1.243                            |          | 690                      |                      |
|                  |                       | 11 APARTMENTS         | \$584,312  | \$3,148,967  | 1.226                            |          | 123                      |                      |
|                  |                       | 12 BUILDINGS&OFFICES  | \$1,873,835  | \$9,753,088  | 1.213                            |          | 431                      |                      |
|                  |                       | 13 MISC. PREMISES     | \$56,426   | \$344,273  | 3.845                            |          | 54                       |                      |
|                  |                       | 16 GOVT SUBDIVISIONS  | \$583  | \$36,691   | 0.000                            |          | 0                        |                      |
|                  |                       | TOTAL *               | \$7,304,993  | \$35,638,082   | 1.138                            |          | 1,934                    |                      |

\* TOTALS IN COLUMN (3) ARE AVERAGES USING COLUMN (1) AS WEIGHTS.

MINNESOTA  
OWNERS, LANDLORDS AND TENANTS  
BASIC LIMIT RELATIVE CHANGE ANALYSIS  
SUMMARY OF EXPERIENCE USED IN RELATIVE CHANGE ANALYSIS

| TERRITORY           | 503                   | (1)   | (2)  | (3)                              | (4)      | (5)                      | (6)                  |
|---------------------|-----------------------|---|--|----------------------------------|----------|--------------------------|----------------------|
|                     |                       | FISCAL A.Y.E.<br>09/30/2022                 | FISCAL A.Y.E. 2018                                 |                                  |          |                          |                      |
|                     |                       | AGGREGATE LOSS<br>COSTS AT CURRENT<br>LEVEL | - 2022 AGGREGATE<br>LOSS COSTS AT<br>CURRENT LEVEL | FIVE YEAR<br>EXPERIENCE<br>RATIO | RELATIV. | NUMBER OF<br>OCCURRENCES | BAL CELL<br>RELATIV. |
| TYPE OF POLICY      | CLASS GROUP           |   |  |                                  |          |                          |                      |
| 10 MONOLINE         | 01 FOOD&BEV. (RETAIL) | \$0   | \$10,428   | 0.000                            | 0.000    | 0                        | 0.915                |
|                     | 02 RESTAURANTS        | \$5,640                                     | \$39,641   | 1.476                            | 1.335    | 3                        | 0.966                |
|                     | 03 STORES             | \$6,228                                     | \$39,596   | 0.070                            | 0.064    | 2                        | 0.961                |
|                     | 04 VENDING & RENTAL   | \$149                                       | \$924  | 0.000                            | 0.000    | 0                        | 0.955                |
|                     | 05 FOOD & BEV. DIST.  | \$21  | \$88   | 0.000                            | 0.000    | 0                        | 0.971                |
|                     | 06 NON-FOOD&BEV.DIST  | \$180                                       | \$3,360  | 0.000                            | 0.000    | 0                        | 0.913                |
|                     | 07 CLUBS, AMSMT&SPRTS | \$6,208                                     | \$35,225   | 1.130                            | 1.021    | 3                        | 0.934                |
|                     | 08 HEALTH CARE FACIL  | \$3,467                                     | \$17,469   | 0.000                            | 0.000    | 0                        | 1.000                |
|                     | 09 HOTELS AND MOTELS  | \$18,284                                    | \$163,783  | 0.452                            | 0.409    | 11                       | 1.001                |
|                     | 10 SCHLS & CHURCHES   | \$40,160                                    | \$81,930   | 0.110                            | 0.099    | 1                        | 1.002                |
|                     | 11 APARTMENTS         | \$12,179                                    | \$53,309   | 2.527                            | 2.285    | 3                        | 1.040                |
|                     | 12 BUILDINGS&OFFICES  | \$16,637                                    | \$94,505   | 0.037                            | 0.034    | 2                        | 0.979                |
|                     | 13 MISC. PREMISES     | \$2,646                                     | \$12,228   | 0.000                            | 0.000    | 0                        | 1.018                |
|                     | TOTAL *               | \$111,800                                   | \$552,487  | 0.535                            |          | 25                       |                      |
| 31 MULT MOTEL/HOTEL | 09 HOTELS AND MOTELS  | \$62,946                                    | \$225,649  | 1.912                            | 1.729    | 12                       | 1.014                |
|                     | TOTAL *               | \$62,946                                    | \$225,649  | 1.912                            |          | 12                       |                      |
| 32 MULT APARTMENT   | 11 APARTMENTS         | \$39,873                                    | \$185,901  | 0.002                            | 0.002    | 1                        | 1.011                |
|                     | 12 BUILDINGS&OFFICES  | \$2,318                                     | \$12,464   | 1.467                            | 1.326    | 1                        | 0.952                |
|                     | TOTAL *               | \$42,191                                    | \$198,365  | 0.083                            |          | 2                        |                      |
| 33 MULT OFFICE      | 12 BUILDINGS&OFFICES  | \$78,009                                    | \$359,739  | 0.632                            | 0.572    | 11                       | 1.023                |
|                     | 13 MISC. PREMISES     | \$240                                       | \$496  | 0.000                            | 0.000    | 0                        | 1.064                |
|                     | TOTAL *               | \$78,250                                    | \$360,235  | 0.630                            |          | 11                       |                      |
| 34 MULT MERCANTILE  | 01 FOOD&BEV. (RETAIL) | \$6,120                                     | \$39,809   | 4.390                            | 3.969    | 2                        | 0.982                |
|                     | 02 RESTAURANTS        | \$27,688                                    | \$154,393  | 5.250                            | 4.747    | 14                       | 1.036                |
|                     | 03 STORES             | \$3,231                                     | \$30,420   | 0.000                            | 0.000    | 0                        | 1.031                |
|                     | 04 VENDING & RENTAL   | \$0   | \$432  | 0.000                            | 0.000    | 0                        | 1.024                |
|                     | 05 FOOD & BEV. DIST.  | \$1,451                                     | \$13,830   | 3.747                            | 3.388    | 5                        | 1.042                |
|                     | 06 NON-FOOD&BEV.DIST  | \$1,564                                     | \$7,929  | 0.000                            | 0.000    | 0                        | 0.980                |
|                     | 12 BUILDINGS&OFFICES  | \$11,909                                    | \$59,501   | 7.951                            | 7.189    | 1                        | 1.051                |
|                     | TOTAL *               | \$51,961                                    | \$306,313  | 5.241                            |          | 22                       |                      |
| 35 MULT INSTITUT.   | 07 CLUBS, AMSMT&SPRTS | \$141                                       | \$5,099  | 0.000                            | 0.000    | 0                        | 0.936                |
|                     | 08 HEALTH CARE FACIL  | \$23,018                                    | \$143,588  | 0.210                            | 0.190    | 2                        | 1.002                |
|                     | 10 SCHLS & CHURCHES   | \$29,658                                    | \$261,367  | 1.604                            | 1.450    | 11                       | 1.004                |
|                     | TOTAL *               | \$52,817                                    | \$410,053  | 0.992                            |          | 13                       |                      |

MINNESOTA  
OWNERS, LANDLORDS AND TENANTS  
BASIC LIMIT RELATIVE CHANGE ANALYSIS  
SUMMARY OF EXPERIENCE USED IN RELATIVE CHANGE ANALYSIS

| TERRITORY        | 503                   |                       | (1)  | (2)  | (3)                              | (4)      | (5)                      | (6)                  |
|------------------|-----------------------|-----------------------|--|--|----------------------------------|----------|--------------------------|----------------------|
|                  |                       |                       | FISCAL A.Y.E.<br>09/30/2022<br>AGGREGATE LOSS<br>COSTS AT CURRENT<br>LEVEL | FISCAL A.Y.E. 2018<br>- 2022 AGGREGATE<br>LOSS COSTS AT<br>CURRENT LEVEL | FIVE YEAR<br>EXPERIENCE<br>RATIO | RELATIV. | NUMBER OF<br>OCCURRENCES | BAL CELL<br>RELATIV. |
| TYPE OF POLICY   | CLASS GROUP           |                       |  |  |                                  |          |                          |                      |
| 36 MULT SERVICES | 03 STORES             |                       | \$1,021  | \$5,861  | 0.000                            | 0.000    | 0                        | 1.009                |
|                  | 04 VENDING & RENTAL   |                       | \$75   | \$3,586  | 0.000                            | 0.000    | 0                        | 1.003                |
|                  | 07 CLUBS, AMSMT&SPRTS |                       | \$9,272  | \$50,902   | 0.014                            | 0.013    | 1                        | 0.981                |
|                  |                       |                       |  |  |                                  |          |                          |                      |
|                  | 12 BUILDINGS&OFFICES  |                       | \$7,805  | \$43,514   | 1.868                            | 1.689    | 6                        | 1.029                |
|                  | 13 MISC. PREMISES     |                       | \$1,275  | \$7,706  | 0.056                            | 0.051    | 1                        | 1.069                |
|                  | TOTAL *               |                       | \$19,448   | \$111,569  | 0.760                            |          | 8                        |                      |
| TOTAL ALL        | TOP                   | 01 FOOD&BEV. (RETAIL) | \$6,120  | \$50,237   | 4.390                            |          | 2                        |                      |
|                  |                       | 02 RESTAURANTS        | \$33,328   | \$194,034  | 4.612                            |          | 17                       |                      |
|                  |                       | 03 STORES             | \$10,480   | \$75,877   | 0.042                            |          | 2                        |                      |
|                  |                       | 04 VENDING & RENTAL   | \$223  | \$4,942  | 0.000                            |          | 0                        |                      |
|                  |                       | 05 FOOD & BEV. DIST.  | \$1,472  | \$13,918   | 3.693                            |          | 5                        |                      |
|                  |                       | 06 NON-FOOD&BEV.DIST  | \$1,744  | \$11,289   | 0.000                            |          | 0                        |                      |
|                  |                       | 07 CLUBS, AMSMT&SPRTS | \$15,621   | \$91,226   | 0.457                            |          | 4                        |                      |
|                  |                       | 08 HEALTH CARE FACIL  | \$26,484   | \$161,057  | 0.182                            |          | 2                        |                      |
|                  |                       | 09 HOTELS AND MOTELS  | \$81,230   | \$389,432  | 1.584                            |          | 23                       |                      |
|                  |                       | 10 SCHLS & CHURCHES   | \$69,818   | \$343,297  | 0.744                            |          | 12                       |                      |
|                  |                       | 11 APARTMENTS         | \$52,052   | \$239,210  | 0.593                            |          | 4                        |                      |
|                  |                       | 12 BUILDINGS&OFFICES  | \$116,678  | \$569,723  | 1.394                            |          | 21                       |                      |
|                  |                       | 13 MISC. PREMISES     | \$4,162  | \$20,430   | 0.017                            |          | 1                        |                      |
|                  |                       | TOTAL *               | \$419,412  | \$2,164,671  | 1.365                            |          | 93                       |                      |

\* TOTALS IN COLUMN (3) ARE AVERAGES USING COLUMN (1) AS WEIGHTS.

MINNESOTA  
PRODUCTS  
BASIC LIMIT RELATIVE CHANGE ANALYSIS

|                           | (1)                           | (2)              | (3)               | (4)                  | MULTISTATE<br>COVERAGE<br>INDICATION OF<br>- 12.2%   |   |  |
|---------------------------|-------------------------------|------------------|-------------------|----------------------|--|---|--|
| TOP                       | BAILEY<br>FORMULA<br>RELATIV. | CREDIBILITY<br>Z | Z-WTD<br>RELATIV. | BALANCED<br>RELATIV. |  |   |  |
| 10                        | 0.928                         | 0.322            | 0.976             | 0.976                |  |   |  |
| 34                        | 1.049                         | 0.356            | 1.017             | 1.016                |  |   |  |
| 36                        | 1.049                         | 0.178            | 1.008             | 1.008                |  |   |  |
| 37                        | 1.011                         | 0.431            | 1.005             | 1.004                |  |   |  |
| CLASS<br>GROUP            |                               |                  |                   |                      | (5)<br>INDICATED<br>MULTISTATE<br>MONOLINE<br>CHANGE | (6)<br>INDICATED<br>STATEWIDE<br>MONOLINE<br>CHANGE # | (7)<br>SELECTED<br>STATEWIDE<br>MONOLINE<br>CHANGE |
| 3                         | 0.930                         | 0.423            | 0.970             | 0.970                | - 16.9%  | - 16.3%   | - 16.3%  |
| 4                         | 1.069                         | 0.394            | 1.027             | 1.027                | - 12.1%  | - 12.9%   | - 12.9%  |
| 5                         | 1.116                         | 0.105            | 1.012             | 1.012                | - 13.4%  | - 9.4%  | - 9.4%   |
| 6                         | 0.992                         | 0.299            | 0.998             | 0.998                | - 14.6%  | - 14.5%   | - 14.5%  |
| 7                         | 0.865                         | 0.118            | 0.983             | 0.983                | - 15.8%  | - 9.9%  | - 9.9%   |
| OVERALL MONOLINE CHANGE * |                               |                  |                   |                      | - 14.4%  | - 14.2%   | - 14.2%  |

# The indicated statewide Products change is calculated by determining the effect, on statewide loss cost levels, of implementing the indicated multistate loss costs. The difference between the indicated multistate change and the indicated statewide change is a result of a difference in the distribution of risks by class in this jurisdiction versus the multistate.

\* Monoline/Multiline ALCCCL for the latest year was used to weight the monoline change by class group.

MULTISTATE  
PRODUCTS  
BASIC LIMIT RELATIVE CHANGE ANALYSIS  
SUMMARY OF EXPERIENCE USED IN RELATIVE CHANGE ANALYSIS

| TYPE OF POLICY       | CLASS GROUP           | (1)  | (2)   | (3)                              | (4)      | (5)                      | (6)                  |
|----------------------|-----------------------|--|---|----------------------------------|----------|--------------------------|----------------------|
|                      |                       | CALENDAR A.Y.E.<br>12/31/2021<br>AGGREGATE LOSS<br>COSTS AT CURRENT<br>LEVEL | CALENDAR A.Y.E.<br>2017 - 2021<br>AGGREGATE LOSS<br>COSTS AT CURRENT<br>LEVEL | FIVE YEAR<br>EXPERIENCE<br>RATIO | RELATIV. | NUMBER OF<br>OCCURRENCES | BAL CELL<br>RELATIV. |
| 10 MONOLINE          | 3 MAN, DLR, DSTFD/DRG | \$11,819,097   | \$63,658,617  | 0.783                            | 0.870    | 1,091                    | 0.946                |
|                      | 4 DLR, DST-NOTFD/DRG  | \$7,190,323  | \$36,653,516  | 0.937                            | 1.042    | 432                      | 1.002                |
|                      | 5 MAN.NTFD/DRG (LOW)  | \$1,226,514  | \$7,102,146   | 0.788                            | 0.876    | 56                       | 0.987                |
|                      | 6 MAN.NTFD/DRG (MED)  | \$8,466,486  | \$42,680,135  | 0.814                            | 0.905    | 423                      | 0.973                |
|                      | 7 MAN.NTFD/DRG (HGH)  | \$2,036,214  | \$10,951,431  | 0.681                            | 0.757    | 70                       | 0.959                |
|                      | TOTAL *               | \$30,738,634   | \$161,045,845   | 0.821                            |          | 2,072                    |                      |
| 34 MULT MERCANTILE   | 3 MAN, DLR, DSTFD/DRG | \$5,085,663  | \$25,340,297  | 0.947                            | 1.053    | 506                      | 0.986                |
|                      | 4 DLR, DST-NOTFD/DRG  | \$27,891,818   | \$137,888,579   | 0.997                            | 1.108    | 2,035                    | 1.044                |
|                      | 6 MAN.NTFD/DRG (MED)  | \$2,648  | \$13,111  | 0.000                            | 0.000    | 0                        | 1.014                |
|                      | TOTAL *               | \$32,980,129   | \$163,241,987   | 0.989                            |          | 2,541                    |                      |
| 36 MULT SERVICES     | 4 DLR, DST-NOTFD/DRG  | \$3,130,195  | \$15,943,473  | 1.018                            | 1.131    | 631                      | 1.035                |
|                      | 6 MAN.NTFD/DRG (MED)  | \$30,963   | \$176,926   | 0.028                            | 0.031    | 1                        | 1.005                |
|                      | TOTAL *               | \$3,161,158  | \$16,120,400  | 1.008                            |          | 632                      |                      |
| 37 MULT INDUST/PROC. | 3 MAN, DLR, DSTFD/DRG | \$11,666,754   | \$62,347,318  | 0.810                            | 0.901    | 1,979                    | 0.974                |
|                      | 5 MAN.NTFD/DRG (LOW)  | \$3,213,073  | \$18,166,949  | 1.070                            | 1.190    | 163                      | 1.015                |
|                      | 6 MAN.NTFD/DRG (MED)  | \$26,040,916   | \$133,610,898   | 0.908                            | 1.010    | 1,362                    | 1.001                |
|                      | 7 MAN.NTFD/DRG (HGH)  | \$6,218,877  | \$29,699,655  | 0.800                            | 0.890    | 210                      | 0.987                |
|                      | TOTAL *               | \$47,139,619   | \$243,824,820   | 0.881                            |          | 3,714                    |                      |
| TOTAL ALL            | TOP                   |  |   |                                  |          |                          |                      |
|                      | 3 MAN, DLR, DSTFD/DRG | \$28,571,513   | \$151,346,232   | 0.823                            |          | 3,576                    |                      |
|                      | 4 DLR, DST-NOTFD/DRG  | \$38,212,336   | \$190,485,568   | 0.987                            |          | 3,098                    |                      |
|                      | 5 MAN.NTFD/DRG (LOW)  | \$4,439,588  | \$25,269,095  | 0.992                            |          | 219                      |                      |
|                      | 6 MAN.NTFD/DRG (MED)  | \$34,541,014   | \$176,481,070   | 0.884                            |          | 1,786                    |                      |
|                      | 7 MAN.NTFD/DRG (HGH)  | \$8,255,091  | \$40,651,087  | 0.771                            |          | 280                      |                      |
|                      | TOTAL *               | \$114,019,542  | \$584,233,052   | 0.899                            |          | 8,959                    |                      |

\* TOTALS IN COLUMN (3) ARE AVERAGES USING COLUMN (1) AS WEIGHTS.

MINNESOTA  
LOCAL PRODUCTS/COMPLETED OPERATIONS  
BASIC LIMIT RELATIVE CHANGE ANALYSIS

|                           | (1)                           | (2)              | (3)               | (4)                  | MULTISTATE<br>COVERAGE<br>INDICATION OF<br>- 4.3%    |   |  |
|---------------------------|-------------------------------|------------------|-------------------|----------------------|--|---|--|
| TOP                       | BAILEY<br>FORMULA<br>RELATIV. | CREDIBILITY<br>Z | Z-WTD<br>RELATIV. | BALANCED<br>RELATIV. |  |   |  |
| 10                        | 1.006                         | 0.779            | 1.005             | 1.006                |  |   |  |
| 34                        | 1.009                         | 0.487            | 1.004             | 1.005                |  |   |  |
| 36                        | 0.988                         | 0.571            | 0.993             | 0.994                |  |   |  |
| 37                        | 0.887                         | 0.148            | 0.982             | 0.983                |  |   |  |
| 38                        | 1.001                         | 0.975            | 1.001             | 1.002                |  |   |  |
|                           |                               |                  |                   |                      |  |   |  |
| CLASS<br>GROUP            |                               |                  |                   |                      | (5)<br>INDICATED<br>MULTISTATE<br>MONOLINE<br>CHANGE | (6)<br>INDICATED<br>STATEWIDE<br>MONOLINE<br>CHANGE # | (7)<br>SELECTED<br>STATEWIDE<br>MONOLINE<br>CHANGE |
| 1                         | 1.380                         | 0.484            | 1.169             | 1.175                | + 12.9%  | + 6.2%  | + 6.1%   |
| 2                         | 1.005                         | 0.553            | 1.003             | 1.008                | - 2.9%   | - 8.5%  | - 8.5%   |
| 11                        | 1.100                         | 0.365            | 1.036             | 1.041                | 0.0%   | - 5.7%  | - 5.7%   |
| 12                        | 0.983                         | 1.000            | 0.983             | 0.988                | - 4.9%   | - 10.4%   | - 10.4%  |
| 13                        | 0.961                         | 0.263            | 0.990             | 0.995                | - 4.4%   | - 10.0%   | - 10.0%  |
| OVERALL MONOLINE CHANGE * |                               |                  |                   |                      | - 4.1%   | - 9.6%  | - 9.6%   |

# The indicated statewide monoline change is calculated based on the indicated multistate monoline change.

\* Monoline/Multiline ALCCL for the latest year was used to weight the monoline change by class group.

\*\* Individual large ALAE incident(s) have been capped in order to limit the impact on the corresponding relative change factors.

MULTISTATE  
LOCAL PRODUCTS/COMPLETED OPERATIONS  
BASIC LIMIT RELATIVE CHANGE ANALYSIS \*

| STATE     | (1)<br>BAILEY<br>FORMULA<br>RELATIV. | (2)<br>CREDIBILITY<br>Z | (3)<br>Z-WTD<br>RELATIV. | (4)<br>BALANCED<br>RELATIV. | (5)<br>INDICATED<br>MONOLINE<br>CHANGE** | (6)<br>SELECTED<br>MONOLINE<br>CHANGE |
|-----------|--------------------------------------|-------------------------|--------------------------|-----------------------------|--|---------------------------------------|
|           | 1.268                                | 0.358                   | 1.089                    | 1.092                       |  |                                       |
|           | 1.365                                | 0.259                   | 1.084                    | 1.087                       |  |                                       |
|           | 1.833                                | 0.110                   | 1.069                    | 1.073                       |  |                                       |
|           | 1.342                                | 0.222                   | 1.068                    | 1.071                       |  |                                       |
|           | 1.300                                | 0.230                   | 1.062                    | 1.066                       |  |                                       |
|           | 1.301                                | 0.218                   | 1.059                    | 1.063                       |  |                                       |
|           | 1.251                                | 0.252                   | 1.058                    | 1.062                       |  |                                       |
|           | 1.289                                | 0.180                   | 1.047                    | 1.050                       |  |                                       |
|           | 1.156                                | 0.306                   | 1.045                    | 1.049                       |  |                                       |
|           | 1.080                                | 0.562                   | 1.044                    | 1.048                       |  |                                       |
|           | 1.169                                | 0.254                   | 1.040                    | 1.044                       |  |                                       |
|           | 1.081                                | 0.487                   | 1.039                    | 1.042                       |  |                                       |
|           | 1.077                                | 0.410                   | 1.031                    | 1.034                       |  |                                       |
|           | 1.114                                | 0.269                   | 1.030                    | 1.033                       |  |                                       |
|           | 1.085                                | 0.323                   | 1.027                    | 1.030                       |  |                                       |
|           | 1.260                                | 0.111                   | 1.026                    | 1.029                       |  |                                       |
|           | 1.080                                | 0.333                   | 1.026                    | 1.029                       |  |                                       |
|           | 1.033                                | 0.489                   | 1.016                    | 1.019                       |  |                                       |
|           | 1.027                                | 0.466                   | 1.013                    | 1.016                       |  |                                       |
|           | 1.047                                | 0.211                   | 1.010                    | 1.013                       |  |                                       |
|           | 1.037                                | 0.226                   | 1.008                    | 1.012                       |  |                                       |
|           | 1.015                                | 0.243                   | 1.004                    | 1.007                       |  |                                       |
|           | 1.010                                | 0.354                   | 1.004                    | 1.007                       |  |                                       |
|           | 1.111                                | 0.030                   | 1.003                    | 1.007                       |  |                                       |
|           | 0.995                                | 0.171                   | 0.999                    | 1.003                       |  |                                       |
|           | 0.996                                | 0.436                   | 0.998                    | 1.002                       |  |                                       |
|           | 0.995                                | 0.688                   | 0.997                    | 1.000                       |  |                                       |
|           | 0.984                                | 0.327                   | 0.995                    | 0.998                       |  |                                       |
|           | 0.965                                | 0.163                   | 0.994                    | 0.998                       |  |                                       |
|           | 0.960                                | 0.162                   | 0.993                    | 0.997                       |  |                                       |
|           | 0.984                                | 0.436                   | 0.993                    | 0.996                       |  |                                       |
|           | 0.966                                | 0.208                   | 0.993                    | 0.996                       |  |                                       |
|           | 0.968                                | 0.232                   | 0.992                    | 0.996                       |  |                                       |
|           | 0.936                                | 0.133                   | 0.991                    | 0.995                       |  |                                       |
|           | 0.960                                | 0.249                   | 0.990                    | 0.993                       |  |                                       |
|           | 0.977                                | 0.493                   | 0.988                    | 0.992                       |  |                                       |
|           | 0.973                                | 0.635                   | 0.982                    | 0.986                       |  |                                       |
|           | 0.873                                | 0.137                   | 0.982                    | 0.985                       |  |                                       |
|           | 0.947                                | 0.374                   | 0.980                    | 0.983                       |  |                                       |
|           | 0.924                                | 0.314                   | 0.975                    | 0.979                       |  |                                       |
|           | 0.930                                | 0.371                   | 0.973                    | 0.977                       |  |                                       |
|           | 0.835                                | 0.157                   | 0.972                    | 0.975                       |  |                                       |
|           | 0.913                                | 0.357                   | 0.968                    | 0.971                       |  |                                       |
|           | 0.899                                | 0.376                   | 0.961                    | 0.964                       |  |                                       |
|           | 0.340                                | 0.043                   | 0.955                    | 0.958                       |  |                                       |
|           | 0.898                                | 0.432                   | 0.955                    | 0.958                       |  |                                       |
|           | 0.896                                | 0.507                   | 0.946                    | 0.949                       |  |                                       |
|           | 0.690                                | 0.163                   | 0.941                    | 0.944                       |  |                                       |
| MINNESOTA | 0.825                                | 0.328                   | 0.939                    | 0.942                       | - 9.6%                                   | - 9.6%                                |
|           | 0.827                                | 0.390                   | 0.928                    | 0.932                       |  |                                       |
|           | 0.811                                | 0.363                   | 0.927                    | 0.930                       |  |                                       |
|           | 0.683                                | 0.237                   | 0.914                    | 0.917                       |  |                                       |

\* Sorted by balanced relative change.

\*\* The indicated monoline change is based on the selected multistate monoline change.

MINNESOTA  
LOCAL PRODUCTS/COMPLETED OPERATIONS  
BASIC LIMIT RELATIVE CHANGE ANALYSIS  
SUMMARY OF EXPERIENCE USED IN RELATIVE CHANGE ANALYSIS

| TYPE OF POLICY       | CLASS GROUP         | (1)  | (2)   | (3)                              | (4)      | (5)                      | (6)                  |
|----------------------|---------------------|--|---|----------------------------------|----------|--------------------------|----------------------|
|                      |                     | CALENDAR A.Y.E.<br>12/31/2021<br>AGGREGATE LOSS<br>COSTS AT CURRENT<br>LEVEL | CALENDAR A.Y.E.<br>2017 - 2021<br>AGGREGATE LOSS<br>COSTS AT CURRENT<br>LEVEL | FIVE YEAR<br>EXPERIENCE<br>RATIO | RELATIV. | NUMBER OF<br>OCCURRENCES | BAL CELL<br>RELATIV. |
| 10 MONOLINE          | 1 RET.STRS-FOOD/DRG | \$18,049   | \$119,371   | 2.944                            | 3.055    | 9                        | 1.113                |
|                      | 2 RET.STRS-NTFD/DRG | \$38,116   | \$180,703   | 0.908                            | 0.943    | 6                        | 0.955                |
|                      | 11 COMP. OPS. (LOW) | \$126,770  | \$637,178   | 0.421                            | 0.437    | 13                       | 0.987                |
|                      | 12 COMP. OPS. (MED) | \$1,447,140  | \$7,061,144   | 0.882                            | 0.915    | 99                       | 0.936                |
|                      | 13 COMP. OPS. (HGH) | \$100,071  | \$630,608   | 0.108                            | 0.112    | 1                        | 0.943                |
|                      | TOTAL *             | \$1,730,147  | \$8,629,004   | 0.825                            |          | 128                      |                      |
| 34 MULT MERCANTILE   | 1 RET.STRS-FOOD/DRG | \$102,282  | \$603,771   | 0.278                            | 0.289    | 34                       | 1.113                |
|                      | 2 RET.STRS-NTFD/DRG | \$133,229  | \$723,047   | 1.478                            | 1.535    | 21                       | 0.955                |
|                      | 12 COMP. OPS. (MED) | \$51,049   | \$221,572   | 0.583                            | 0.605    | 2                        | 0.936                |
|                      | TOTAL *             | \$286,559  | \$1,548,390   | 0.891                            |          | 57                       |                      |
| 36 MULT SERVICES     | 1 RET.STRS-FOOD/DRG | \$14,473   | \$115,244   | 0.705                            | 0.732    | 4                        | 1.100                |
|                      | 2 RET.STRS-NTFD/DRG | \$196,461  | \$891,429   | 1.273                            | 1.321    | 60                       | 0.944                |
|                      | 11 COMP. OPS. (LOW) | \$121,061  | \$602,316   | 0.498                            | 0.517    | 29                       | 0.975                |
|                      | 12 COMP. OPS. (MED) | \$53,271   | \$348,926   | 0.427                            | 0.443    | 6                        | 0.925                |
|                      | 13 COMP. OPS. (HGH) | \$71,358   | \$299,491   | 0.630                            | 0.654    | 8                        | 0.932                |
|                      | TOTAL *             | \$456,625  | \$2,257,407   | 0.850                            |          | 107                      |                      |
| 37 MULT INDUST/PROC. | 1 RET.STRS-FOOD/DRG | \$698  | \$3,987   | 0.000                            | 0.000    | 0                        | 1.089                |
|                      | 11 COMP. OPS. (LOW) | \$2,730  | \$15,056  | 0.000                            | 0.000    | 0                        | 0.965                |
|                      | 12 COMP. OPS. (MED) | \$181,864  | \$898,178   | 0.655                            | 0.680    | 6                        | 0.915                |
|                      | TOTAL *             | \$185,292  | \$917,222   | 0.643                            |          | 6                        |                      |
| 38 MULT CONTRACTORS  | 11 COMP. OPS. (LOW) | \$337,935  | \$1,755,698   | 1.224                            | 1.270    | 17                       | 0.983                |
|                      | 12 COMP. OPS. (MED) | \$3,834,081  | \$19,383,098  | 0.650                            | 0.674    | 250                      | 0.933                |
|                      | 13 COMP. OPS. (HGH) | \$338,619  | \$1,572,905   | 1.759                            | 1.826    | 28                       | 0.939                |
|                      | TOTAL *             | \$4,510,634  | \$22,711,700  | 0.776                            |          | 295                      |                      |
| TOTAL ALL            | TOP                 |  |   |                                  |          |                          |                      |
|                      | 1 RET.STRS-FOOD/DRG | \$135,503  | \$842,374   | 0.677                            |          | 47                       |                      |
|                      | 2 RET.STRS-NTFD/DRG | \$367,806  | \$1,795,179   | 1.309                            |          | 87                       |                      |
|                      | 11 COMP. OPS. (LOW) | \$588,497  | \$3,010,248   | 0.896                            |          | 59                       |                      |
|                      | 12 COMP. OPS. (MED) | \$5,567,405  | \$27,912,918  | 0.707                            |          | 363                      |                      |
|                      | 13 COMP. OPS. (HGH) | \$510,048  | \$2,503,004   | 1.277                            |          | 37                       |                      |
|                      | TOTAL *             | \$7,169,258  | \$36,063,723  | 0.794                            |          | 593                      |                      |

\* TOTALS IN COLUMN (3) ARE AVERAGES USING COLUMN (1) AS WEIGHTS.



MULTISTATE  
LOCAL PRODUCTS/COMPLETED OPERATIONS  
BASIC LIMIT RELATIVE CHANGE ANALYSIS  
SUMMARY OF EXPERIENCE USED IN RELATIVE CHANGE ANALYSIS

| TYPE OF POLICY       | CLASS GROUP         | (1)  | (2)   | (3)                              | (4)      | (5)                      | (6)                  |
|----------------------|---------------------|--|---|----------------------------------|----------|--------------------------|----------------------|
|                      |                     | CALENDAR A.Y.E.<br>12/31/2021<br>AGGREGATE LOSS<br>COSTS AT CURRENT<br>LEVEL | CALENDAR A.Y.E.<br>2017 - 2021<br>AGGREGATE LOSS<br>COSTS AT CURRENT<br>LEVEL | FIVE YEAR<br>EXPERIENCE<br>RATIO | RELATIV. | NUMBER OF<br>OCCURRENCES | BAL CELL<br>RELATIV. |
| 10 MONOLINE          | 1 RET.STRS-FOOD/DRG | \$1,748,833  | \$13,294,303  | 1.231                            |          | 621                      |                      |
|                      | 2 RET.STRS-NTFD/DRG | \$3,644,206  | \$17,449,172  | 1.109                            |          | 492                      |                      |
|                      | 11 COMP. OPS. (LOW) | \$5,499,261  | \$29,100,438  | 1.217                            |          | 689                      |                      |
|                      | 12 COMP. OPS. (MED) | \$120,011,947  | \$572,386,816   | 0.962                            |          | 7,034                    |                      |
|                      | 13 COMP. OPS. (HGH) | \$7,536,492  | \$38,042,850  | 0.672                            |          | 262                      |                      |
|                      | TOTAL *             | \$138,440,739  | \$670,273,579   | 0.964                            |          | 9,098                    |                      |
| 34 MULT MERCANTILE   | 1 RET.STRS-FOOD/DRG | \$8,156,117  | \$43,997,404  | 1.362                            |          | 2,733                    |                      |
|                      | 2 RET.STRS-NTFD/DRG | \$7,639,610  | \$36,671,723  | 0.951                            |          | 693                      |                      |
|                      | 12 COMP. OPS. (MED) | \$3,008,570  | \$14,169,615  | 0.939                            |          | 125                      |                      |
|                      | TOTAL *             | \$18,804,297   | \$94,838,741  | 1.127                            |          | 3,551                    |                      |
| 36 MULT SERVICES     | 1 RET.STRS-FOOD/DRG | \$643,620  | \$4,295,009   | 1.241                            |          | 162                      |                      |
|                      | 2 RET.STRS-NTFD/DRG | \$15,583,411   | \$76,045,252  | 0.943                            |          | 3,398                    |                      |
|                      | 11 COMP. OPS. (LOW) | \$3,267,900  | \$16,818,142  | 1.161                            |          | 488                      |                      |
|                      | 12 COMP. OPS. (MED) | \$5,157,211  | \$26,533,736  | 0.988                            |          | 778                      |                      |
|                      | 13 COMP. OPS. (HGH) | \$1,204,826  | \$5,882,500   | 0.609                            |          | 61                       |                      |
|                      | TOTAL *             | \$25,856,969   | \$129,574,639   | 0.971                            |          | 4,887                    |                      |
| 37 MULT INDUST/PROC. | 1 RET.STRS-FOOD/DRG | \$22,984   | \$127,871   | 0.000                            |          | 0                        |                      |
|                      | 11 COMP. OPS. (LOW) | \$118,128  | \$638,240   | 0.539                            |          | 14                       |                      |
|                      | 12 COMP. OPS. (MED) | \$5,046,084  | \$25,673,289  | 0.857                            |          | 313                      |                      |
|                      | 13 COMP. OPS. (HGH) | \$2,262  | \$21,501  | 0.000                            |          | 0                        |                      |
|                      | TOTAL *             | \$5,189,458  | \$26,460,901  | 0.846                            |          | 327                      |                      |
| 38 MULT CONTRACTORS  | 11 COMP. OPS. (LOW) | \$11,708,508   | \$61,005,531  | 0.958                            |          | 812                      |                      |
|                      | 12 COMP. OPS. (MED) | \$192,727,882  | \$985,553,302   | 0.941                            |          | 12,745                   |                      |
|                      | 13 COMP. OPS. (HGH) | \$15,769,275   | \$78,710,767  | 1.070                            |          | 712                      |                      |
|                      | TOTAL *             | \$220,205,665  | \$1,125,269,600   | 0.951                            |          | 14,269                   |                      |
| TOTAL ALL            | TOP                 |  |   |                                  |          |                          |                      |
|                      | 1 RET.STRS-FOOD/DRG | \$10,571,554   | \$61,714,586  | 1.330                            |          | 3,516                    |                      |
|                      | 2 RET.STRS-NTFD/DRG | \$26,867,226   | \$130,166,147   | 0.968                            |          | 4,583                    |                      |
|                      | 11 COMP. OPS. (LOW) | \$20,593,798   | \$107,562,352   | 1.057                            |          | 2,003                    |                      |
|                      | 12 COMP. OPS. (MED) | \$325,951,694  | \$1,624,316,756   | 0.948                            |          | 20,995                   |                      |
|                      | 13 COMP. OPS. (HGH) | \$24,512,856   | \$122,657,618   | 0.925                            |          | 1,035                    |                      |
|                      | TOTAL *             | \$408,497,128  | \$2,046,417,459   | 0.963                            |          | 32,132                   |                      |

\* TOTALS IN COLUMN (3) ARE AVERAGES USING COLUMN (1) AS WEIGHTS.

MINNESOTA  
MANUFACTURERS AND CONTRACTORS  
CALCULATION OF AGGREGATE LOSS COSTS  
AT CURRENT LEVEL  
COMBINED SINGLE LIMIT

|                   |                            | \$100,000            |   |             |   |          |   |         | TRENDED \$100,000    |
|-------------------|----------------------------|----------------------|---|-------------|---|----------|---|---------|----------------------|
| TYPE OF<br>POLICY | ACCIDENT<br>YEAR<br>ENDING | BASIC LIMIT          | X | EXPOSURE    | X | EXPOSURE | X | AVERAGE | BASIC LIMIT          |
|                   |                            | AGGREGATE LOSS COSTS |   | DEVELOPMENT |   | TREND #  |   | IPMF *  | AGGREGATE LOSS COSTS |
|                   |                            | AT CURRENT LEVEL     |   | FACTOR +    |   |          |   | =       | AT CURRENT LEVEL     |
| MONOLINE          | 09/30/2019                 | \$3,579,645          |   | 1.000       |   | 1.244    |   |         | \$4,453,078          |
|                   | 09/30/2020                 | \$3,527,759          |   | 1.000       |   | 1.229    |   |         | \$4,335,616          |
|                   | 09/30/2021                 | \$3,244,009          |   | 0.999       |   | 1.200    |   |         | \$3,888,918          |
|                   | 09/30/2022                 | \$3,140,165          |   | 1.019       |   | 1.123    |   |         | \$3,593,407          |
| MULTILINE         | 09/30/2019                 | \$6,815,201          |   | 1.000       |   | 1.247    |   | 1.077   | \$9,152,945          |
|                   | 09/30/2020                 | \$6,939,411          |   | 1.000       |   | 1.233    |   | 1.076   | \$9,206,572          |
|                   | 09/30/2021                 | \$7,241,615          |   | 0.999       |   | 1.204    |   | 1.076   | \$9,372,160          |
|                   | 09/30/2022                 | \$7,279,819          |   | 1.019       |   | 1.122    |   | 1.075   | \$8,947,384          |
| TOTAL             | 09/30/2019                 |                      |   |             |   |          |   |         | \$13,606,023         |
|                   | 09/30/2020                 |                      |   |             |   |          |   |         | \$13,542,188         |
|                   | 09/30/2021                 |                      |   |             |   |          |   |         | \$13,261,078         |
|                   | 09/30/2022                 |                      |   |             |   |          |   |         | \$12,540,791         |

+ THE DERIVATION OF THE EXPOSURE DEVELOPMENT FACTOR IS SHOWN IN SECTION C, EXHIBIT C3 - CALCULATION OF STATE EXPOSURE DEVELOPMENT FACTORS.

# AGGREGATE LOSS COSTS AT CURRENT LEVEL HAVE BEEN TRENDED FROM AN AVERAGE DATE OF COVERAGE TO ONE YEAR BEYOND AN ASSUMED EFFECTIVE DATE OF 05/01/2024 BY AN EXPONENTIAL PROJECTION OF THE AVERAGE ANNUAL EXPOSURE TREND FACTOR. THE DERIVATION OF THIS EXPOSURE TREND FACTOR IS SHOWN IN SECTION C, EXHIBIT C7 - AVERAGE ANNUAL EXPOSURE TRENDS.

\* THE IMPLICIT PACKAGE MODIFICATION FACTORS APPLIED TO THE DATA FOR INDIVIDUAL PROGRAMS ARE SHOWN IN SECTION C, EXHIBIT C2 - IMPLICIT PACKAGE MODIFICATION FACTORS BY TYPE OF POLICY.

MINNESOTA  
MANUFACTURERS AND CONTRACTORS  
OCCURRENCE  
FULL COVERAGE  
CALCULATION OF INCURRED LOSSES

| REPORT TYPE   | LOSS DESCRIPTION | ACCIDENT YEAR ENDING | \$100,000   | \$100,000   |             |             |            | \$100,000 |          |   |           |   |                |
|---------------|------------------|----------------------|-------------|-------------|-------------|-------------|------------|-----------|----------|---|-----------|---|----------------|
|               |                  |                      | BASIC LIMIT | BASIC LIMIT | UNALLOCATED | BASIC LIMIT |            |           |          |   |           |   |                |
|               |                  |                      | LOSSES      | INDEMNITY   | LOSS        | DEVELOPED & |            |           |          |   |           |   |                |
|               |                  |                      | AND ALAE *  | X           | FACTOR #    | X           | ADJUSTMENT | X         | SEVERITY | X | FREQUENCY | = | TRENDED LOSSES |
|               |                  |                      |             |             |             |             | FACTOR     |           | TREND    |   | TREND     |   | AND ALAE       |
| BI            | B/L INDEMNITY    | 09/30/2019           | \$1,987,139 |             | 0.956       |             | 1.075      |           | 1.467    |   | 0.970     |   | \$2,906,006    |
|               |                  | 09/30/2020           | \$1,184,734 |             | 1.063       |             | 1.075      |           | 1.377    |   | 0.975     |   | \$1,817,612    |
|               |                  | 09/30/2021           | \$1,015,615 |             | 1.208       |             | 1.075      |           | 1.293    |   | 0.980     |   | \$1,671,203    |
|               |                  | 09/30/2022           | \$1,196,631 |             | 1.235       |             | 1.075      |           | 1.214    |   | 0.985     |   | \$1,899,724    |
| BI            | ALAE             | 09/30/2019           | \$1,375,078 |             |             |             | 1.075      |           | 1.467    |   | 0.970     |   | \$2,103,476    |
|               |                  | 09/30/2020           | \$1,081,869 |             |             |             | 1.075      |           | 1.377    |   | 0.975     |   | \$1,561,426    |
|               |                  | 09/30/2021           | \$831,801   |             |             |             | 1.075      |           | 1.293    |   | 0.980     |   | \$1,133,059    |
|               |                  | 09/30/2022           | \$1,786,188 |             |             |             | 1.075      |           | 1.214    |   | 0.985     |   | \$2,296,099    |
| PD            | B/L INDEMNITY    | 09/30/2019           | \$3,971,548 |             | 1.025       |             | 1.075      |           | 1.307    |   | 0.970     |   | \$5,548,039    |
|               |                  | 09/30/2020           | \$3,410,334 |             | 1.033       |             | 1.075      |           | 1.251    |   | 0.975     |   | \$4,619,209    |
|               |                  | 09/30/2021           | \$2,538,462 |             | 1.070       |             | 1.075      |           | 1.197    |   | 0.980     |   | \$3,425,178    |
|               |                  | 09/30/2022           | \$2,183,239 |             | 1.222       |             | 1.075      |           | 1.145    |   | 0.985     |   | \$3,234,616    |
| PD            | ALAE             | 09/30/2019           | \$1,074,107 |             |             |             | 1.075      |           | 1.307    |   | 0.970     |   | \$1,463,873    |
|               |                  | 09/30/2020           | \$1,255,717 |             |             |             | 1.075      |           | 1.251    |   | 0.975     |   | \$1,646,501    |
|               |                  | 09/30/2021           | \$1,054,293 |             |             |             | 1.075      |           | 1.197    |   | 0.980     |   | \$1,329,505    |
|               |                  | 09/30/2022           | \$627,760   |             |             |             | 1.075      |           | 1.145    |   | 0.985     |   | \$761,103      |
| MED PAY #     | B/L INDEMNITY    | 09/30/2019           | \$109,002   |             |             |             | 1.075      |           | 1.467    |   | 0.970     |   | \$166,742      |
|               |                  | 09/30/2020           | \$64,517    |             |             |             | 1.075      |           | 1.377    |   | 0.975     |   | \$93,115       |
|               |                  | 09/30/2021           | \$31,927    |             |             |             | 1.075      |           | 1.293    |   | 0.980     |   | \$43,490       |
|               |                  | 09/30/2022           | \$71,521    |             |             |             | 1.075      |           | 1.214    |   | 0.985     |   | \$91,938       |
| FRINGE        | B/L INDEMNITY    | 09/30/2019           | \$122,562   |             | 1.038       |             | 1.075      |           | 1.000    |   | 0.970     |   | \$132,658      |
|               |                  | 09/30/2020           | \$113,151   |             | 1.110       |             | 1.075      |           | 1.000    |   | 0.975     |   | \$131,642      |
|               |                  | 09/30/2021           | \$253,644   |             | 1.262       |             | 1.075      |           | 1.000    |   | 0.980     |   | \$337,224      |
|               |                  | 09/30/2022           | \$208,395   |             | 1.541       |             | 1.075      |           | 1.000    |   | 0.985     |   | \$340,044      |
| FRINGE        | ALAE             | 09/30/2019           | \$59,239    |             |             |             | 1.075      |           | 1.000    |   | 0.970     |   | \$61,771       |
|               |                  | 09/30/2020           | \$58,967    |             |             |             | 1.075      |           | 1.000    |   | 0.975     |   | \$61,805       |
|               |                  | 09/30/2021           | \$264,173   |             |             |             | 1.075      |           | 1.000    |   | 0.980     |   | \$278,306      |
|               |                  | 09/30/2022           | \$277,013   |             |             |             | 1.075      |           | 1.000    |   | 0.985     |   | \$293,322      |
| TOTAL         |                  |                      |             |             |             |             |            |           |          |   |           |   |                |
| FULL COVERAGE |                  | 09/30/2019           |             |             |             |             |            |           |          |   |           |   | \$12,382,565   |
|               |                  | 09/30/2020           |             |             |             |             |            |           |          |   |           |   | \$9,931,310    |
|               |                  | 09/30/2021           |             |             |             |             |            |           |          |   |           |   | \$8,217,965    |
|               |                  | 09/30/2022           |             |             |             |             |            |           |          |   |           |   | \$8,916,846    |

\* Incurred indemnity losses are as reported. The ALAE have been developed, using the additive ALAE development procedure as explained in Explanatory Pages C-6 to C-8.

# No development is applied for Medical Payments losses. See Explanatory Page C-5.

MINNESOTA  
MANUFACTURERS AND CONTRACTORS  
OCCURRENCE  
DED COVERAGE  
CALCULATION OF INCURRED LOSSES

| REPORT TYPE        | LOSS DESCRIPTION | ACCIDENT YEAR ENDING | \$100,000                     | X | \$100,000                                  | X | UNALLOCATED            |   | X     | SEVERITY TREND | X     | FREQUENCY TREND | = | \$100,000    |
|--------------------|------------------|----------------------|-------------------------------|---|--|---|------------------------|---|-------|----------------|-------|-----------------|---|--------------|
|                    |                  |                      | BASIC LIMIT LOSSES AND ALAE * |   | BASIC LIMIT INDEMNITY DEVELOPMENT FACTOR # |   | LOSS ADJUSTMENT FACTOR | BASIC LIMIT DEVELOPED & TRENDED LOSSES AND ALAE |       |                |       |                 |   |              |
| BI                 | B/L INDEMNITY    | 09/30/2019           | \$550,327                     |   | 1.011                                      |   | 1.075                  |   | 1.467 |                | 0.970 |                 |   | \$851,103    |
|                    |                  | 09/30/2020           | \$281,117                     |   | 1.132                                      |   | 1.075                  |   | 1.377 |                | 0.975 |                 |   | \$459,283    |
|                    |                  | 09/30/2021           | \$18,081                      |   | 1.522                                      |   | 1.075                  |   | 1.293 |                | 0.980 |                 |   | \$37,486     |
|                    |                  | 09/30/2022           | \$64,732                      |   | 2.487                                      |   | 1.075                  |   | 1.214 |                | 0.985 |                 |   | \$206,947    |
| BI                 | ALAE             | 09/30/2019           | \$365,327                     |   |  |   | 1.075                  |   | 1.467 |                | 0.970 |                 |   | \$558,846    |
|                    |                  | 09/30/2020           | \$115,965                     |   |  |   | 1.075                  |   | 1.377 |                | 0.975 |                 |   | \$167,369    |
|                    |                  | 09/30/2021           | \$31,796                      |   |  |   | 1.075                  |   | 1.293 |                | 0.980 |                 |   | \$43,312     |
|                    |                  | 09/30/2022           | \$71,505                      |   |  |   | 1.075                  |   | 1.214 |                | 0.985 |                 |   | \$91,917     |
| PD                 | B/L INDEMNITY    | 09/30/2019           | \$740,138                     |   | 1.041                                      |   | 1.075                  |   | 1.307 |                | 0.970 |                 |   | \$1,050,072  |
|                    |                  | 09/30/2020           | \$481,985                     |   | 1.065                                      |   | 1.075                  |   | 1.251 |                | 0.975 |                 |   | \$673,060    |
|                    |                  | 09/30/2021           | \$1,128,426                   |   | 1.139                                      |   | 1.075                  |   | 1.197 |                | 0.980 |                 |   | \$1,620,785  |
|                    |                  | 09/30/2022           | \$726,893                     |   | 1.284                                      |   | 1.075                  |   | 1.145 |                | 0.985 |                 |   | \$1,131,581  |
| PD                 | ALAE             | 09/30/2019           | \$153,391                     |   |  |   | 1.075                  |   | 1.307 |                | 0.970 |                 |   | \$209,053    |
|                    |                  | 09/30/2020           | \$88,795                      |   |  |   | 1.075                  |   | 1.251 |                | 0.975 |                 |   | \$116,428    |
|                    |                  | 09/30/2021           | \$345,833                     |   |  |   | 1.075                  |   | 1.197 |                | 0.980 |                 |   | \$436,109    |
|                    |                  | 09/30/2022           | \$262,437                     |   |  |   | 1.075                  |   | 1.145 |                | 0.985 |                 |   | \$318,182    |
| MED PAY #          | B/L INDEMNITY    | 09/30/2019           | \$15,195                      |   |  |   | 1.075                  |   | 1.467 |                | 0.970 |                 |   | \$23,244     |
|                    |                  | 09/30/2020           | \$0                           |   |  |   | 1.075                  |   | 1.377 |                | 0.975 |                 |   | \$0          |
|                    |                  | 09/30/2021           | \$0                           |   |  |   | 1.075                  |   | 1.293 |                | 0.980 |                 |   | \$0          |
|                    |                  | 09/30/2022           | \$11                          |   |  |   | 1.075                  |   | 1.214 |                | 0.985 |                 |   | \$14         |
| TOTAL DED COVERAGE |                  | 09/30/2019           |                               |   |  |   |                        |   |       |                |       |                 |   | \$2,692,318  |
|                    |                  | 09/30/2020           |                               |   |  |   |                        |   |       |                |       |                 |   | \$1,416,140  |
|                    |                  | 09/30/2021           |                               |   |  |   |                        |   |       |                |       |                 |   | \$2,137,692  |
|                    |                  | 09/30/2022           |                               |   |  |   |                        |   |       |                |       |                 |   | \$1,748,641  |
| TOTAL OCCURRENCE   |                  | 09/30/2019           |                               |   |  |   |                        |   |       |                |       |                 |   | \$15,074,883 |
|                    |                  | 09/30/2020           |                               |   |  |   |                        |   |       |                |       |                 |   | \$11,347,450 |
|                    |                  | 09/30/2021           |                               |   |  |   |                        |   |       |                |       |                 |   | \$10,355,658 |
|                    |                  | 09/30/2022           |                               |   |  |   |                        |   |       |                |       |                 |   | \$10,665,487 |

\* Incurred indemnity losses are as reported. The ALAE have been developed, using the additive ALAE development procedure as explained in Explanatory Pages C-6 to C-8.

# No development is applied for Medical Payments losses. See Explanatory Page C-5.

MINNESOTA  
OWNERS, LANDLORDS & TENANTS  
CALCULATION OF AGGREGATE LOSS COSTS  
AT CURRENT LEVEL  
COMBINED SINGLE LIMIT

|               |               | \$100,000               |   |                 |   |                |   |               | TRENDED \$100,000         |
|---------------|---------------|-------------------------|---|-----------------|---|----------------|---|---------------|---------------------------|
|               | ACCIDENT      | BASIC LIMIT             |   | EXPOSURE        |   |                |   |               | BASIC LIMIT               |
| TYPE OF       | YEAR          | AGGREGATE LOSS COSTS    |   | DEVELOPMENT     |   | EXPOSURE       |   | AVERAGE       | AGGREGATE LOSS COSTS      |
| <u>POLICY</u> | <u>ENDING</u> | <u>AT CURRENT LEVEL</u> | X | <u>FACTOR +</u> | X | <u>TREND #</u> | X | <u>IPMF *</u> | = <u>AT CURRENT LEVEL</u> |
| MONOLINE      | 09/30/2019    | \$3,194,675             |   | 1.000           |   | 1.074          |   |               | \$3,431,081               |
|               | 09/30/2020    | \$2,625,307             |   | 1.000           |   | 1.048          |   |               | \$2,751,322               |
|               | 09/30/2021    | \$2,504,589             |   | 0.999           |   | 1.037          |   |               | \$2,594,662               |
|               | 09/30/2022    | \$3,186,002             |   | 0.997           |   | 1.024          |   |               | \$3,252,679               |
| MULTILINE     | 09/30/2019    | \$8,451,545             |   | 1.000           |   | 1.068          |   | 0.995         | \$8,981,119               |
|               | 09/30/2020    | \$8,562,594             |   | 1.000           |   | 1.055          |   | 0.996         | \$8,997,403               |
|               | 09/30/2021    | \$8,577,564             |   | 0.999           |   | 1.046          |   | 0.998         | \$8,945,234               |
|               | 09/30/2022    | \$8,639,911             |   | 0.997           |   | 1.036          |   | 0.998         | \$8,906,247               |
| TOTAL         | 09/30/2019    |                         |   |                 |   |                |   |               | \$12,412,200              |
|               | 09/30/2020    |                         |   |                 |   |                |   |               | \$11,748,725              |
|               | 09/30/2021    |                         |   |                 |   |                |   |               | \$11,539,896              |
|               | 09/30/2022    |                         |   |                 |   |                |   |               | \$12,158,926              |

+ THE DERIVATION OF THE EXPOSURE DEVELOPMENT FACTOR IS SHOWN IN SECTION C, EXHIBIT C3 - CALCULATION OF STATE EXPOSURE DEVELOPMENT FACTORS.

# AGGREGATE LOSS COSTS AT CURRENT LEVEL HAVE BEEN TRENDED FROM AN AVERAGE DATE OF COVERAGE TO ONE YEAR BEYOND AN ASSUMED EFFECTIVE DATE OF 05/01/2024 BY AN EXPONENTIAL PROJECTION OF THE AVERAGE ANNUAL EXPOSURE TREND FACTOR. THE DERIVATION OF THIS EXPOSURE TREND FACTOR IS SHOWN IN SECTION C, EXHIBIT C7 - AVERAGE ANNUAL EXPOSURE TRENDS.

\* THE IMPLICIT PACKAGE MODIFICATION FACTORS APPLIED TO THE DATA FOR INDIVIDUAL PROGRAMS ARE SHOWN IN SECTION C, EXHIBIT C2 - IMPLICIT PACKAGE MODIFICATION FACTORS BY TYPE OF POLICY.

MINNESOTA  
OWNERS, LANDLORDS AND TENANTS  
OCCURRENCE  
FULL COVERAGE  
CALCULATION OF INCURRED LOSSES

|               |               |            | \$100,000   |   | \$100,000   |             |   |          |   |           |   | \$100,000      |
|---------------|---------------|------------|-------------|---|-------------|-------------|---|----------|---|-----------|---|----------------|
|               |               | ACCIDENT   | BASIC LIMIT |   | BASIC LIMIT | UNALLOCATED |   |          |   |           |   | BASIC LIMIT    |
|               |               | YEAR       | LOSSES      |   | INDEMNITY   | LOSS        |   |          |   |           |   | DEVELOPED &    |
| REPORT TYPE   | LOSS          | ENDING     | AND ALAE *  | X | DEVELOPMENT | ADJUSTMENT  | X | SEVERITY | X | FREQUENCY | = | TRENDED LOSSES |
|               | DESCRIPTION   |            |             |   | FACTOR #    | FACTOR      |   | TREND    |   | TREND     |   | AND ALAE       |
| BI            | B/L INDEMNITY | 09/30/2019 | \$4,963,995 |   | 0.962       | 1.075       |   | 1.597    |   | 0.970     |   | \$7,952,277    |
|               |               | 09/30/2020 | \$4,032,955 |   | 0.950       | 1.075       |   | 1.479    |   | 0.975     |   | \$5,939,204    |
|               |               | 09/30/2021 | \$4,057,300 |   | 0.966       | 1.075       |   | 1.369    |   | 0.980     |   | \$5,652,652    |
|               |               | 09/30/2022 | \$4,659,282 |   | 1.098       | 1.075       |   | 1.268    |   | 0.985     |   | \$6,868,870    |
| BI            | ALAE          | 09/30/2019 | \$1,462,206 |   |             | 1.075       |   | 1.597    |   | 0.970     |   | \$2,434,970    |
|               |               | 09/30/2020 | \$1,155,415 |   |             | 1.075       |   | 1.479    |   | 0.975     |   | \$1,791,097    |
|               |               | 09/30/2021 | \$1,257,866 |   |             | 1.075       |   | 1.369    |   | 0.980     |   | \$1,814,146    |
|               |               | 09/30/2022 | \$1,323,856 |   |             | 1.075       |   | 1.268    |   | 0.985     |   | \$1,777,479    |
| PD            | B/L INDEMNITY | 09/30/2019 | \$847,769   |   | 1.015       | 1.075       |   | 1.597    |   | 0.970     |   | \$1,432,942    |
|               |               | 09/30/2020 | \$1,129,880 |   | 1.080       | 1.075       |   | 1.479    |   | 0.975     |   | \$1,891,635    |
|               |               | 09/30/2021 | \$650,921   |   | 1.142       | 1.075       |   | 1.369    |   | 0.980     |   | \$1,072,093    |
|               |               | 09/30/2022 | \$1,062,644 |   | 1.265       | 1.075       |   | 1.268    |   | 0.985     |   | \$1,804,855    |
| PD            | ALAE          | 09/30/2019 | \$173,516   |   |             | 1.075       |   | 1.597    |   | 0.970     |   | \$288,951      |
|               |               | 09/30/2020 | \$680,707   |   |             | 1.075       |   | 1.479    |   | 0.975     |   | \$1,055,216    |
|               |               | 09/30/2021 | \$466,839   |   |             | 1.075       |   | 1.369    |   | 0.980     |   | \$673,295      |
|               |               | 09/30/2022 | \$545,137   |   |             | 1.075       |   | 1.268    |   | 0.985     |   | \$731,930      |
| MED PAY #     | B/L INDEMNITY | 09/30/2019 | \$748,970   |   |             | 1.075       |   | 1.597    |   | 0.970     |   | \$1,247,239    |
|               |               | 09/30/2020 | \$500,722   |   |             | 1.075       |   | 1.479    |   | 0.975     |   | \$776,208      |
|               |               | 09/30/2021 | \$336,892   |   |             | 1.075       |   | 1.369    |   | 0.980     |   | \$485,880      |
|               |               | 09/30/2022 | \$423,078   |   |             | 1.075       |   | 1.268    |   | 0.985     |   | \$568,047      |
| FRINGE        | B/L INDEMNITY | 09/30/2019 | \$295,544   |   | 1.123       | 1.075       |   | 1.162    |   | 0.970     |   | \$402,150      |
|               |               | 09/30/2020 | \$209,224   |   | 1.221       | 1.075       |   | 1.134    |   | 0.975     |   | \$303,636      |
|               |               | 09/30/2021 | \$250,749   |   | 1.453       | 1.075       |   | 1.106    |   | 0.980     |   | \$424,516      |
|               |               | 09/30/2022 | \$134,391   |   | 1.962       | 1.075       |   | 1.079    |   | 0.985     |   | \$301,256      |
| FRINGE        | ALAE          | 09/30/2019 | \$363,427   |   |             | 1.075       |   | 1.162    |   | 0.970     |   | \$440,356      |
|               |               | 09/30/2020 | \$166,212   |   |             | 1.075       |   | 1.134    |   | 0.975     |   | \$197,555      |
|               |               | 09/30/2021 | \$8,740,730 |   |             | 1.075       |   | 1.106    |   | 0.980     |   | \$10,184,445   |
|               |               | 09/30/2022 | \$295,476   |   |             | 1.075       |   | 1.079    |   | 0.985     |   | \$337,589      |
| TOTAL         |               |            |             |   |             |             |   |          |   |           |   |                |
| FULL COVERAGE |               | 09/30/2019 |             |   |             |             |   |          |   |           |   | \$14,198,885   |
|               |               | 09/30/2020 |             |   |             |             |   |          |   |           |   | \$11,954,551   |
|               |               | 09/30/2021 |             |   |             |             |   |          |   |           |   | \$20,307,027   |
|               |               | 09/30/2022 |             |   |             |             |   |          |   |           |   | \$12,390,026   |

\* Incurred indemnity losses are as reported. The ALAE have been developed, using the additive ALAE development procedure as explained in Explanatory Pages C-6 to C-8.

# No development is applied for Medical Payments losses. See Explanatory Page C-5.

MINNESOTA  
OWNERS, LANDLORDS AND TENANTS  
OCCURRENCE  
DED COVERAGE  
CALCULATION OF INCURRED LOSSES

|             |               |            | \$100,000   |   | \$100,000   |             |        |   |          |           |   | \$100,000      |
|-------------|---------------|------------|-------------|---|-------------|-------------|--------|---|----------|-----------|---|----------------|
|             |               | ACCIDENT   | BASIC LIMIT |   | BASIC LIMIT | UNALLOCATED |        |   |          |           |   | BASIC LIMIT    |
|             | LOSS          | YEAR       | LOSSES      |   | INDEMNITY   | LOSS        |        |   | SEVERITY | FREQUENCY |   | DEVELOPED &    |
| REPORT TYPE | DESCRIPTION   | ENDING     | AND ALAE *  | X | FACTOR #    | X           | FACTOR | X | TREND    | TREND     | = | TRENDED LOSSES |
|             |               |            |             |   |             |             |        |   |          |           |   | AND ALAE       |
| BI          | B/L INDEMNITY | 09/30/2019 | \$161,933   |   | 0.997       |             | 1.075  |   | 1.597    | 0.970     |   | \$268,853      |
|             |               | 09/30/2020 | \$231,131   |   | 1.051       |             | 1.075  |   | 1.479    | 0.975     |   | \$376,567      |
|             |               | 09/30/2021 | \$178,403   |   | 1.269       |             | 1.075  |   | 1.369    | 0.980     |   | \$326,514      |
|             |               | 09/30/2022 | \$239,842   |   | 1.758       |             | 1.075  |   | 1.268    | 0.985     |   | \$566,119      |
| BI          | ALAE          | 09/30/2019 | \$116,573   |   |             |             | 1.075  |   | 1.597    | 0.970     |   | \$194,125      |
|             |               | 09/30/2020 | \$38,343    |   |             |             | 1.075  |   | 1.479    | 0.975     |   | \$59,439       |
|             |               | 09/30/2021 | \$65,848    |   |             |             | 1.075  |   | 1.369    | 0.980     |   | \$94,968       |
|             |               | 09/30/2022 | \$161,235   |   |             |             | 1.075  |   | 1.268    | 0.985     |   | \$216,483      |
| PD          | B/L INDEMNITY | 09/30/2019 | \$56,987    |   | 0.973       |             | 1.075  |   | 1.597    | 0.970     |   | \$92,337       |
|             |               | 09/30/2020 | \$118,957   |   | 1.051       |             | 1.075  |   | 1.479    | 0.975     |   | \$193,809      |
|             |               | 09/30/2021 | \$24,596    |   | 1.192       |             | 1.075  |   | 1.369    | 0.980     |   | \$42,284       |
|             |               | 09/30/2022 | \$40,776    |   | 1.363       |             | 1.075  |   | 1.268    | 0.985     |   | \$74,622       |
| PD          | ALAE          | 09/30/2019 | \$6,028     |   |             |             | 1.075  |   | 1.597    | 0.970     |   | \$10,039       |
|             |               | 09/30/2020 | \$32,337    |   |             |             | 1.075  |   | 1.479    | 0.975     |   | \$50,128       |
|             |               | 09/30/2021 | \$8,096     |   |             |             | 1.075  |   | 1.369    | 0.980     |   | \$11,676       |
|             |               | 09/30/2022 | \$23,839    |   |             |             | 1.075  |   | 1.268    | 0.985     |   | \$32,007       |
| MED PAY #   | B/L INDEMNITY | 09/30/2019 | \$7,092     |   |             |             | 1.075  |   | 1.597    | 0.970     |   | \$11,810       |
|             |               | 09/30/2020 | \$18,841    |   |             |             | 1.075  |   | 1.479    | 0.975     |   | \$29,207       |
|             |               | 09/30/2021 | \$10,824    |   |             |             | 1.075  |   | 1.369    | 0.980     |   | \$15,611       |
|             |               | 09/30/2022 | \$26,666    |   |             |             | 1.075  |   | 1.268    | 0.985     |   | \$35,803       |
|             | TOTAL         |            |             |   |             |             |        |   |          |           |   |                |
|             | DED COVERAGE  | 09/30/2019 |             |   |             |             |        |   |          |           |   | \$577,164      |
|             |               | 09/30/2020 |             |   |             |             |        |   |          |           |   | \$709,150      |
|             |               | 09/30/2021 |             |   |             |             |        |   |          |           |   | \$491,053      |
|             |               | 09/30/2022 |             |   |             |             |        |   |          |           |   | \$925,034      |
|             | TOTAL         |            |             |   |             |             |        |   |          |           |   |                |
|             | OCCURRENCE    | 09/30/2019 |             |   |             |             |        |   |          |           |   | \$14,776,050   |
|             |               | 09/30/2020 |             |   |             |             |        |   |          |           |   | \$12,663,699   |
|             |               | 09/30/2021 |             |   |             |             |        |   |          |           |   | \$20,798,081   |
|             |               | 09/30/2022 |             |   |             |             |        |   |          |           |   | \$13,315,061   |

\* Incurred indemnity losses are as reported. The ALAE have been developed, using the additive ALAE development procedure as explained in Explanatory Pages C-6 to C-8.

# No development is applied for Medical Payments losses. See Explanatory Page C-5.

Minnesota  
Premises / Operations  
Manufacturers and Contractors  
Subline Code 334  
Combined Single Limit

Implicit Package Modification Factors (A) by Type of Policy

| <u>Type of<br/>Policy (B)</u> | <u>Description</u>             | <u>Implicit Package<br/>Modification Factors</u> |
|-------------------------------|--------------------------------|--|
| 31                            | Not Applicable                 | --   |
| 32                            | Not Applicable                 | --   |
| 33                            | Office Policy                  | 0.902  |
| 34                            | Mercantile Policy              | 1.054  |
| 35                            | Institutional Policy           | 0.739  |
| 36                            | Service Policy                 | 1.057  |
| 37                            | Industrial / Processing Policy | 1.054  |
| 38                            | Contractors Policy             | 1.104  |

- (A) Implicit Package Modification Factors shown above reflect the package modifications currently in the ISO manual for M&C for each type of package policy. More specifically, the G.L. and Property Implicit Package Modification Factors are calculated so that they average to the current manual CPP modification factors that apply to both property and liability.
- (B) Combined data for risks written under the ISO CPP Program and individual insurer CMP programs have been used. These Implicit Package Modification Factors were applied to the aggregate loss costs at current level in each accident year. The average implicit package modification factor for each accident year is shown in Section C, Exhibit C1, page 1 - Calculation of Aggregate Loss Costs at Current Level. The difference in average implicit package modification factor results from varying aggregate loss-costs-at-current-level distributions by Type of Policy in each year.



Minnesota  
Premises / Operations  
Owners, Landlords, and Tenants  
Subline Code 334  
Combined Single Limit

Implicit Package Modification Factors (A) by Type of Policy

| <u>Type of<br/>Policy (B)</u> | <u>Description</u>     | <u>Implicit Package<br/>Modification Factors</u> |
|-------------------------------|------------------------|--|
| 31                            | Motel / Hotel Policy   | 1.000  |
| 32                            | Apartment House Policy | 1.000  |
| 33                            | Office Policy          | 1.009  |
| 34                            | Mercantile Policy      | 1.019  |
| 35                            | Institutional Policy   | 1.002  |
| 36                            | Service Policy         | 0.884  |
| 37                            | Not Applicable         | --   |
| 38                            | Not Applicable         | --   |

- (A) Implicit Package Modification Factors shown above reflect the package modifications currently in the ISO manual for OL&T for each type of package policy. More specifically, the G.L. and Property Implicit Package Modification Factors are calculated so that they average to the current manual CPP modification factors that apply to both property and liability.
- (B) Combined data for risks written under the ISO CPP Program and individual insurer CMP programs have been used. These Implicit Package Modification Factors were applied to the aggregate loss costs at current level in each accident year. The average implicit package modification factor for each accident year is shown in Section C, Exhibit C1, page 4 - Calculation of Aggregate Loss Costs at Current Level. The difference in average implicit package modification factor results from varying aggregate loss-costs-at-current-level distributions by Type of Policy in each year.

## MINNESOTA

PREMISES/OPERATIONS  
MANUFACTURERS AND CONTRACTORSFULL & DEDUCTIBLE COMBINED  
TOTAL LIMITS PREMIUM

## CALCULATION OF EXPOSURE DEVELOPMENT FACTORS

| (1)<br>Evaluation<br>Period | (2)<br>Multistate<br>Ratio (a) | (3)<br>State<br>Ratio (b) | (4)<br>Credibility<br>(c) | (5)<br>Weighted<br>Ratio (d) | (6)<br>Credibility<br>Constant (Ki) |
|-----------------------------|--------------------------------|---------------------------|---------------------------|------------------------------|-------------------------------------|
| 15 to 27 Months             | 1.018                          | 1.020                     | 0.8461                    | 1.020                        | 12,000,000                          |
| 27 to 39 Months             | 0.999                          | 1.000                     | 0.4866                    | 0.999                        | 70,000,000                          |
| Accident<br>Year Ending     | Exposure Development From      |                           |                           |                              | Factor                              |
|                             | <u>27:15</u>                   | <u>39:27</u>              | <u>ULT:39</u>             |                              |                                     |
| 6/30/2020                   |                                |                           | 1.000                     |                              | 1.000                               |
| 6/30/2021                   |                                | 0.999                     | 1.000                     |                              | 0.999                               |
| 6/30/2022                   | 1.020                          | 0.999                     | 1.000                     |                              | 1.019                               |

(a) See Section C - Multistate Premium Development.

(b) See Section C - Statewide Premium Development.

(c) Credibility is based upon the statewide premium for each evaluation period.  
Exposures are assumed to be mature at 39 months.(d)  $\{(3) \times (4)\} + \{(2) \times \{1.000 - (4)\}\}$

## MINNESOTA

PREMISES/OPERATIONS  
OWNERS LANDLORDS AND TENANTSFULL & DEDUCTIBLE COMBINED  
TOTAL LIMITS PREMIUM

## CALCULATION OF EXPOSURE DEVELOPMENT FACTORS

| (1)<br>Evaluation<br>Period | (2)<br>Multistate<br>Ratio (a) | (3)<br>State<br>Ratio (b) | (4)<br>Credibility<br>(c) | (5)<br>Weighted<br>Ratio (d) | (6)<br>Credibility<br>Constant (Ki) |
|-----------------------------|--------------------------------|---------------------------|---------------------------|------------------------------|-------------------------------------|
| 15 to 27 Months             | 1.001                          | 0.994                     | 0.4722                    | 0.998                        | 70,000,000                          |
| 27 to 39 Months             | 0.999                          | 0.999                     | 0.2922                    | 0.999                        | 150,000,000                         |
| Accident<br>Year Ending     | Exposure Development From      |                           |                           |                              | Factor                              |
|                             | <u>27:15</u>                   | <u>39:27</u>              | <u>ULT:39</u>             |                              |                                     |
| 6/30/2020                   |                                |                           | 1.000                     |                              | 1.000                               |
| 6/30/2021                   |                                | 0.999                     | 1.000                     |                              | 0.999                               |
| 6/30/2022                   | 0.998                          | 0.999                     | 1.000                     |                              | 0.997                               |

(a) See Section C - Multistate Premium Development.

(b) See Section C - Statewide Premium Development.

(c) Credibility is based upon the statewide premium for each evaluation period.  
Exposures are assumed to be mature at 39 months.

(d)  $\{(3) \times (4)\} + \{(2) \times \{1.000 - (4)\}\}$

MINNESOTA  
MANUFACTURERS AND CONTRACTORS

COMBINED SINGLE LIMIT  
TOTAL LIMITS PREMIUM DEVELOPMENT  
SUBLINE 334  
FULL & DEDUCTIBLE  
ACCIDENT YEAR DATA

| Accident<br>Year Ending | 15 Months  | 27 Months  | 39 Months  | 51 Months  | 63 Months  | 75 Months  | 87 Months  | 99 Months  |
|-------------------------|------------|------------|------------|------------|------------|------------|------------|------------|
| 6/30/2015               | 17,874,537 | 18,279,772 | 18,297,465 | 18,296,373 | 18,294,204 | 18,293,986 | 18,293,986 | 18,293,986 |
| 6/30/2016               | 17,865,118 | 18,379,873 | 18,377,091 | 18,379,564 | 18,379,096 | 18,379,096 | 18,379,096 |            |
| 6/30/2017               | 18,514,249 | 18,913,069 | 18,927,126 | 18,927,517 | 18,928,863 | 18,928,870 |            |            |
| 6/30/2018               | 21,883,000 | 22,274,278 | 22,279,472 | 22,280,213 | 22,287,458 |            |            |            |
| 6/30/2019               | 21,425,785 | 21,886,375 | 21,886,957 | 21,887,767 |            |            |            |            |
| 6/30/2020               | 21,899,573 | 22,180,023 | 22,187,836 |            |            |            |            |            |
| 6/30/2021               | 22,625,490 | 23,287,396 |            |            |            |            |            |            |
| 6/30/2022               | 24,273,388 |            |            |            |            |            |            |            |

LINK RATIOS

| Accident<br>Year Ending | 27:15 | 39:27 | 51:39 | 63:51 | 75:63 | 87:75 | 99:87 |
|-------------------------|-------|-------|-------|-------|-------|-------|-------|
| 6/30/2015               | 1.023 | 1.001 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 |
| 6/30/2016               | 1.029 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 |       |
| 6/30/2017               | 1.022 | 1.001 | 1.000 | 1.000 | 1.000 |       |       |
| 6/30/2018               | 1.018 | 1.000 | 1.000 | 1.000 |       |       |       |
| 6/30/2019               | 1.021 | 1.000 | 1.000 |       |       |       |       |
| 6/30/2020               | 1.013 | 1.000 |       |       |       |       |       |
| 6/30/2021               | 1.029 |       |       |       |       |       |       |

Average Best 3 of 5

|              |              |
|--------------|--------------|
| <u>27:15</u> | <u>39:27</u> |
| 1.020        | 1.000        |

MINNESOTA  
OWNERS LANDLORDS AND TENANTS

COMBINED SINGLE LIMIT  
TOTAL LIMITS PREMIUM DEVELOPMENT  
SUBLINE 334  
FULL & DEDUCTIBLE  
ACCIDENT YEAR DATA

| Accident<br>Year Ending | 15 Months  | 27 Months  | 39 Months  | 51 Months  | 63 Months  | 75 Months  | 87 Months  | 99 Months  |
|-------------------------|------------|------------|------------|------------|------------|------------|------------|------------|
| 6/30/2015               | 20,033,813 | 20,103,779 | 20,091,484 | 20,092,997 | 20,091,921 | 20,091,921 | 20,091,921 | 20,091,921 |
| 6/30/2016               | 19,733,730 | 19,768,008 | 19,767,602 | 19,765,540 | 19,765,540 | 19,765,540 | 19,765,022 |            |
| 6/30/2017               | 20,792,854 | 20,809,017 | 20,790,595 | 20,779,107 | 20,779,107 | 20,779,107 |            |            |
| 6/30/2018               | 20,903,664 | 20,833,083 | 20,801,116 | 20,801,277 | 20,803,312 |            |            |            |
| 6/30/2019               | 19,937,051 | 19,824,319 | 19,824,340 | 19,823,909 |            |            |            |            |
| 6/30/2020               | 21,574,426 | 21,274,620 | 21,192,427 |            |            |            |            |            |
| 6/30/2021               | 21,110,591 | 20,922,720 |            |            |            |            |            |            |
| 6/30/2022               | 21,911,674 |            |            |            |            |            |            |            |

LINK RATIOS

| Accident<br>Year Ending | 27:15 | 39:27 | 51:39 | 63:51 | 75:63 | 87:75 | 99:87 |
|-------------------------|-------|-------|-------|-------|-------|-------|-------|
| 6/30/2015               | 1.003 | 0.999 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 |
| 6/30/2016               | 1.002 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 |       |
| 6/30/2017               | 1.001 | 0.999 | 0.999 | 1.000 | 1.000 |       |       |
| 6/30/2018               | 0.997 | 0.998 | 1.000 | 1.000 |       |       |       |
| 6/30/2019               | 0.994 | 1.000 | 1.000 |       |       |       |       |
| 6/30/2020               | 0.986 | 0.996 |       |       |       |       |       |
| 6/30/2021               | 0.991 |       |       |       |       |       |       |

Average Best 3 of 5

|              |              |
|--------------|--------------|
| <u>27:15</u> | <u>39:27</u> |
| 0.994        | 0.999        |

MULTISTATE  
MANUFACTURERS AND CONTRACTORS

COMBINED SINGLE LIMIT  
TOTAL LIMITS PREMIUM DEVELOPMENT  
SUBLINE 334  
FULL & DEDUCTIBLE  
ACCIDENT YEAR DATA

| Accident<br>Year Ending | <u>15 Months</u> | <u>27 Months</u> | <u>39 Months</u> | <u>51 Months</u> | <u>63 Months</u> | <u>75 Months</u> | <u>87 Months</u> | <u>99 Months</u> |
|-------------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| 6/30/2015               | 1,493,536,229    | 1,528,796,288    | 1,528,771,559    | 1,528,673,317    | 1,528,690,760    | 1,528,660,165    | 1,528,659,690    | 1,528,662,419    |
| 6/30/2016               | 1,506,257,005    | 1,538,600,050    | 1,537,724,825    | 1,537,630,768    | 1,537,664,781    | 1,537,660,474    | 1,537,661,137    |                  |
| 6/30/2017               | 1,555,402,883    | 1,585,809,319    | 1,586,054,546    | 1,586,080,871    | 1,586,066,827    | 1,586,070,948    |                  |                  |
| 6/30/2018               | 1,627,159,922    | 1,654,316,256    | 1,653,348,702    | 1,653,158,047    | 1,653,207,648    |                  |                  |                  |
| 6/30/2019               | 1,712,467,516    | 1,740,839,080    | 1,741,629,626    |                  |                  |                  |                  |                  |
| 6/30/2020               | 1,781,158,282    | 1,798,556,015    | 1,797,068,730    |                  |                  |                  |                  |                  |
| 6/30/2021               | 1,838,417,474    | 1,883,395,356    |                  |                  |                  |                  |                  |                  |
| 6/30/2022               | 2,016,833,202    |                  |                  |                  |                  |                  |                  |                  |

LINK RATIOS

| Accident<br>Year Ending | <u>27:15</u> | <u>39:27</u> | <u>51:39</u> | <u>63:51</u> | <u>75:63</u> | <u>87:75</u> | <u>99:87</u> |
|-------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| 6/30/2015               | 1.024        | 1.000        | 1.000        | 1.000        | 1.000        | 1.000        | 1.000        |
| 6/30/2016               | 1.021        | 0.999        | 1.000        | 1.000        | 1.000        | 1.000        |              |
| 6/30/2017               | 1.020        | 1.000        | 1.000        | 1.000        | 1.000        |              |              |
| 6/30/2018               | 1.017        | 0.999        | 1.000        | 1.000        |              |              |              |
| 6/30/2019               | 1.017        | 1.000        | 1.000        |              |              |              |              |
| 6/30/2020               | 1.010        | 0.999        |              |              |              |              |              |
| 6/30/2021               | 1.024        |              |              |              |              |              |              |

Average Best 3 of 5  
27:15                39:27  
 1.018                0.999

MULTISTATE  
OWNERS LANDLORDS AND TENANTS

COMBINED SINGLE LIMIT  
TOTAL LIMITS PREMIUM DEVELOPMENT  
SUBLINE 334  
FULL & DEDUCTIBLE  
ACCIDENT YEAR DATA

| Accident<br>Year Ending | <u>15 Months</u> | <u>27 Months</u> | <u>39 Months</u> | <u>51 Months</u> | <u>63 Months</u> | <u>75 Months</u> | <u>87 Months</u> | <u>99 Months</u> |
|-------------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| 6/30/2015               | 1,865,791,844    | 1,870,744,888    | 1,870,606,013    | 1,870,680,687    | 1,870,659,731    | 1,870,677,229    | 1,870,676,580    | 1,870,676,092    |
| 6/30/2016               | 1,963,981,945    | 1,966,886,723    | 1,966,354,824    | 1,966,222,704    | 1,966,235,201    | 1,966,231,497    | 1,966,230,191    |                  |
| 6/30/2017               | 1,987,555,664    | 1,988,921,045    | 1,988,080,592    | 1,987,966,591    | 1,987,962,953    | 1,987,957,554    |                  |                  |
| 6/30/2018               | 2,027,065,429    | 2,030,683,946    | 2,029,434,508    | 2,029,331,788    | 2,029,313,382    |                  |                  |                  |
| 6/30/2019               | 2,130,443,060    | 2,133,106,607    | 2,131,809,522    | 2,131,918,716    |                  |                  |                  |                  |
| 6/30/2020               | 2,145,928,919    | 2,127,892,683    | 2,125,135,202    |                  |                  |                  |                  |                  |
| 6/30/2021               | 2,092,405,276    | 2,109,401,214    |                  |                  |                  |                  |                  |                  |
| 6/30/2022               | 2,267,430,979    |                  |                  |                  |                  |                  |                  |                  |

## LINK RATIOS

| Accident<br>Year Ending | <u>27:15</u> | <u>39:27</u> | <u>51:39</u> | <u>63:51</u> | <u>75:63</u> | <u>87:75</u> | <u>99:87</u> |
|-------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| 6/30/2015               | 1.003        | 1.000        | 1.000        | 1.000        | 1.000        | 1.000        | 1.000        |
| 6/30/2016               | 1.001        | 1.000        | 1.000        | 1.000        | 1.000        | 1.000        |              |
| 6/30/2017               | 1.001        | 1.000        | 1.000        | 1.000        | 1.000        |              |              |
| 6/30/2018               | 1.002        | 0.999        | 1.000        | 1.000        |              |              |              |
| 6/30/2019               | 1.001        | 0.999        | 1.000        |              |              |              |              |
| 6/30/2020               | 0.992        | 0.999        |              |              |              |              |              |
| 6/30/2021               | 1.008        |              |              |              |              |              |              |

Average Best 3 of 5

|              |              |
|--------------|--------------|
| <u>27:15</u> | <u>39:27</u> |
| 1.001        | 0.999        |

## MINNESOTA

## Premises/Operations

Manufacturers & Contractors  
 Bodily Injury  
 Full Coverage  
 Incurred Losses Excluding ALAE

## Calculation of Loss Development Factors

| (1)                  | (2)                                 | (3)                | (4)                | (5)                   |                              |
|----------------------|-------------------------------------|--------------------|--------------------|-----------------------|------------------------------|
| Evaluation<br>Period | Multistate<br>Ratio (A)             | State<br>Ratio (B) | Credibility<br>(C) | Weighted<br>Ratio (D) | Credibility<br>Constant (Ki) |
| 15 to 27 Months      | 1.541                               | 0.855              | 0.7567             | 1.022                 | 800,000                      |
| 27 to 39 Months      | 1.296                               | 1.087              | 0.7603             | 1.137                 | 1,000,000                    |
| 39 to 51 Months      | 1.093                               | 1.118              | 0.7169             | 1.111                 | 1,300,000                    |
| 51 to 63 Months      | 1.017                               | 0.951              | 0.6666             | 0.973                 | 1,700,000                    |
| 63 to 75 Months      | 1.001                               | 0.954              | 0.5993             | 0.973                 | 2,100,000                    |
| 75 to 87 Months      | 0.998                               | 1.016              | 0.5307             | 1.008                 | 2,700,000                    |
| 87 to 99 Months      | 0.998                               | 1.006              | 0.4900             | 1.002                 | 3,500,000                    |
| 99 to 111 Months     | 1.000                               | 1.000              | 0.3995             | 1.000                 | 4,600,000                    |
| 111 to 123 Months    | 0.998                               | 1.000              | 0.3464             | 0.999                 | 5,900,000                    |
| 123 to 135 Months    | 1.001                               | 1.000              | 0.3088             | 1.001                 | 7,700,000                    |
| 135 to 147 Months    | 1.000                               | 1.000              | 0.2651             | 1.000                 | 10,000,000                   |
| 147 to 159 Months    | 1.002                               | 1.000              | 0.2046             | 1.002                 | 13,000,000                   |
| 159 to 171 Months    | 1.000                               | 1.000              | 0.1537             | 1.000                 | 17,000,000                   |
| 171 to 183 Months    | 1.000                               | 1.000              | 0.1159             | 1.000                 | 22,100,000                   |
| 183 to 195 Months    | 1.000                               | 1.000              | 0.1116             | 1.000                 | 28,900,000                   |
| 195 to 207 Months    | 1.000                               | 1.000              | 0.1007             | 1.000                 | 37,800,000                   |
| 207 to 219 Months    | 1.000                               | 1.000              | 0.0710             | 1.000                 | 49,500,000                   |
| 219 to 231 Months    | 1.000                               | 1.000              | 0.0357             | 1.000                 | 65,000,000                   |
| 231 to 243 Months    | 1.000                               | 1.000              | 0.0098             | 1.000                 | 85,300,000                   |
| 243 to Ultimate      | The Multistate ratio has been used. |                    |                    |                       |                              |

| Accident Year | Loss Development From |         |         |         |         |         |         |         |         |         |         |
|---------------|-----------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| Ending        | 27:15                 | 39:27   | 51:39   | 63:51   | 75:63   | 87:75   | 99:87   | 111:99  | 123:111 | 135:123 | 147:135 |
| 6/30/2020     |                       |         | 1.111   | 0.973   | 0.973   | 1.008   | 1.002   | 1.000   | 0.999   | 1.001   | 1.000   |
| 6/30/2021     |                       | 1.137   | 1.111   | 0.973   | 0.973   | 1.008   | 1.002   | 1.000   | 0.999   | 1.001   | 1.000   |
| 6/30/2022     | 1.022                 | 1.137   | 1.111   | 0.973   | 0.973   | 1.008   | 1.002   | 1.000   | 0.999   | 1.001   | 1.000   |
|               | 159:147               | 171:159 | 183:171 | 195:183 | 207:195 | 219:207 | 231:219 | 243:231 | ULT:243 |         | Factor  |
| 6/30/2020     | 1.002                 | 1.000   | 1.000   | 1.000   | 1.000   | 1.000   | 1.000   | 1.000   | 1.000   |         | 1.063   |
| 6/30/2021     | 1.002                 | 1.000   | 1.000   | 1.000   | 1.000   | 1.000   | 1.000   | 1.000   | 1.000   |         | 1.208   |
| 6/30/2022     | 1.002                 | 1.000   | 1.000   | 1.000   | 1.000   | 1.000   | 1.000   | 1.000   | 1.000   |         | 1.235   |

(A) See Exhibit C4 - Multistate Loss Development.

(B) See Exhibit C4 - Statewide Loss Development.

(C) Credibility is based upon the statewide losses for each evaluation period.

(D)  $\{(3) \times (4)\} + \{(2) \times \{1.000 - (4)\}\}$



## MINNESOTA

## Premises/Operations

Manufacturers & Contractors  
 Bodily Injury  
 Full and Deductible Coverage  
 ALAE

## Calculation of Cumulative Incremental Factors

|                                | (1)                     | (2)   | (3)                | (4)                | (5)                   |                              |            |
|--------------------------------|-------------------------|---|--------------------|--------------------|-----------------------|------------------------------|------------|
|                                | Evaluation<br>Period    | Multistate<br>Ratio (A)                     | State<br>Ratio (B) | Credibility<br>(C) | Weighted<br>Ratio (D) | Credibility<br>Constant (Ki) |            |
|                                | 15 to 27 Months         | 0.0606                                      | 0.0404             | 0.7567             | 0.0453                | 800,000                      |            |
|                                | 27 to 39 Months         | 0.0924                                      | 0.0704             | 0.7603             | 0.0757                | 1,000,000                    |            |
|                                | 39 to 51 Months         | 0.0812                                      | 0.0931             | 0.7169             | 0.0897                | 1,300,000                    |            |
|                                | 51 to 63 Months         | 0.0535                                      | 0.0319             | 0.6666             | 0.0391                | 1,700,000                    |            |
|                                | 63 to 75 Months         | 0.0295                                      | 0.0048             | 0.5993             | 0.0147                | 2,100,000                    |            |
|                                | 75 to 87 Months         | 0.0158                                      | 0.0182             | 0.5307             | 0.0171                | 2,700,000                    |            |
|                                | 87 to 99 Months         | 0.0044                                      | 0.0064             | 0.4900             | 0.0054                | 3,500,000                    |            |
|                                | 99 to 111 Months        | 0.0026                                      | 0.0001             | 0.3995             | 0.0016                | 4,600,000                    |            |
|                                | 111 to 123 Months       | 0.0021                                      | 0.0000             | 0.3464             | 0.0014                | 5,900,000                    |            |
|                                | 123 to 135 Months       | 0.0022                                      | 0.0000             | 0.3088             | 0.0015                | 7,700,000                    |            |
|                                | 135 to 147 Months       | 0.0003                                      | 0.0000             | 0.2651             | 0.0002                | 10,000,000                   |            |
|                                | 147 to 159 Months       | 0.0010                                      | 0.0000             | 0.2046             | 0.0008                | 13,000,000                   |            |
|                                | 159 to 171 Months       | 0.0009                                      | 0.0000             | 0.1537             | 0.0008                | 17,000,000                   |            |
|                                | 171 to Ultimate         | A multistate ratio of 0.0000 has been used. |                    |                    |                       |                              |            |
| Cumulative Incremental Factors |                         |   |                    |                    |                       |                              |            |
| <u>Months-to-Ultimate</u>      | <u>15</u>               | <u>27</u>                                   | <u>39</u>          | <u>51</u>          | <u>63</u>             | <u>75</u>                    | <u>87</u>  |
|                                | 0.293                   | 0.248                                       | 0.172              | 0.083              | 0.044                 | 0.029                        | 0.012      |
| <u>Months-to-Ultimate</u>      | <u>99</u>               | <u>111</u>                                  | <u>123</u>         | <u>135</u>         | <u>147</u>            | <u>159</u>                   | <u>171</u> |
|                                | 0.006                   | 0.005                                       | 0.003              | 0.002              | 0.002                 | 0.001                        | 0.000      |
| <u>Full coverage</u>           |                         |   |                    |                    |                       |                              |            |
|                                | Reported ALAE           | \$500,000                                   |                    | ALAE               | Additional            | Ultimate                     |            |
| <u>A.Y.E</u>                   | <u>as of 12/31/2022</u> | <u>Ultimate Indemnity</u>                   |                    | <u>Factor</u>      | <u>ALAE</u>           | <u>ALAE</u>                  |            |
| 9/30/2020                      | 591,776                 | 2,844,414                                   |                    | 0.172              | 490,093               | 1,081,869                    |            |
| 9/30/2021                      | 140,693                 | 2,786,727                                   |                    | 0.248              | 691,108               | 831,801                      |            |
| 9/30/2022                      | 286,234                 | 5,114,062                                   |                    | 0.293              | 1,499,954             | 1,786,188                    |            |
| <u>Deductible Coverage</u>     |                         |   |                    |                    |                       |                              |            |
|                                | Reported ALAE           | \$500,000                                   |                    | ALAE               | Additional            | Ultimate                     |            |
| <u>A.Y.E</u>                   | <u>as of 12/31/2022</u> | <u>Ultimate Indemnity</u>                   |                    | <u>Factor</u>      | <u>ALAE</u>           | <u>ALAE</u>                  |            |
| 9/30/2020                      | 36,567                  | 460,815                                     |                    | 0.172              | 79,398                | 115,965                      |            |
| 9/30/2021                      | 23,196                  | 34,679                                      |                    | 0.248              | 8,600                 | 31,796                       |            |
| 9/30/2022                      | 5,035                   | 226,627                                     |                    | 0.293              | 66,470                | 71,505                       |            |

(A) See Exhibit C4 - Multistate Loss Development.

(B) See Exhibit C4 - Statewide Loss Development.

(C) Credibility is based upon the statewide losses for each evaluation period.

(D)  $\{(3) \times (4)\} + \{(2) \times \{1.000 - (4)\}\}$

## MINNESOTA

## Premises/Operations

Manufacturers & Contractors  
 Property Damage  
 Full Coverage  
 Incurred Losses Excluding ALAE

## Calculation of Loss Development Factors

| (1)                  | (2)                                 | (3)                | (4)                | (5)                   |                              |
|----------------------|-------------------------------------|--------------------|--------------------|-----------------------|------------------------------|
| Evaluation<br>Period | Multistate<br>Ratio (A)             | State<br>Ratio (B) | Credibility<br>(C) | Weighted<br>Ratio (D) | Credibility<br>Constant (Ki) |
| 15 to 27 Months      | 1.123                               | 1.150              | 0.6953             | 1.142                 | 2,800,000                    |
| 27 to 39 Months      | 1.043                               | 1.033              | 0.7226             | 1.036                 | 2,900,000                    |
| 39 to 51 Months      | 1.021                               | 1.001              | 0.6880             | 1.007                 | 3,100,000                    |
| 51 to 63 Months      | 1.015                               | 0.992              | 0.6835             | 0.999                 | 3,300,000                    |
| 63 to 75 Months      | 1.014                               | 1.005              | 0.6282             | 1.008                 | 3,500,000                    |
| 75 to 87 Months      | 1.006                               | 1.008              | 0.6277             | 1.007                 | 3,700,000                    |
| 87 to 99 Months      | 1.005                               | 1.000              | 0.6020             | 1.002                 | 3,900,000                    |
| 99 to 111 Months     | 1.003                               | 1.001              | 0.5808             | 1.002                 | 4,200,000                    |
| 111 to 123 Months    | 1.003                               | 1.000              | 0.5392             | 1.001                 | 4,500,000                    |
| 123 to 135 Months    | 1.003                               | 1.000              | 0.5156             | 1.001                 | 4,800,000                    |
| 135 to 147 Months    | 1.002                               | 1.000              | 0.4943             | 1.001                 | 5,000,000                    |
| 147 to 159 Months    | 1.000                               | 1.000              | 0.5134             | 1.000                 | 5,400,000                    |
| 159 to 171 Months    | 1.000                               | 1.000              | 0.4977             | 1.000                 | 5,800,000                    |
| 171 to 183 Months    | 1.000                               | 1.000              | 0.4842             | 1.000                 | 6,200,000                    |
| 183 to 195 Months    | 1.001                               | 1.000              | 0.4509             | 1.001                 | 6,600,000                    |
| 195 to 207 Months    | 1.001                               | 1.000              | 0.4354             | 1.001                 | 7,200,000                    |
| 207 to 219 Months    | 1.001                               | 1.000              | 0.4415             | 1.001                 | 7,700,000                    |
| 219 to 231 Months    | 1.000                               | 1.000              | 0.3313             | 1.000                 | 8,300,000                    |
| 231 to 243 Months    | 1.000                               | 1.000              | 0.1972             | 1.000                 | 8,900,000                    |
| 243 to Ultimate      | The Multistate ratio has been used. |                    |                    |                       |                              |

| Accident Year | Loss Development From |         |         |         |         |         |         |         |         |         |         |
|---------------|-----------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| Ending        | 27:15                 | 39:27   | 51:39   | 63:51   | 75:63   | 87:75   | 99:87   | 111:99  | 123:111 | 135:123 | 147:135 |
| 6/30/2020     |                       |         | 1.007   | 0.999   | 1.008   | 1.007   | 1.002   | 1.002   | 1.001   | 1.001   | 1.001   |
| 6/30/2021     |                       | 1.036   | 1.007   | 0.999   | 1.008   | 1.007   | 1.002   | 1.002   | 1.001   | 1.001   | 1.001   |
| 6/30/2022     | 1.142                 | 1.036   | 1.007   | 0.999   | 1.008   | 1.007   | 1.002   | 1.002   | 1.001   | 1.001   | 1.001   |
|               | 159:147               | 171:159 | 183:171 | 195:183 | 207:195 | 219:207 | 231:219 | 243:231 | ULT:243 |         | Factor  |
| 6/30/2020     | 1.000                 | 1.000   | 1.000   | 1.001   | 1.001   | 1.001   | 1.000   | 1.000   | 1.001   |         | 1.033   |
| 6/30/2021     | 1.000                 | 1.000   | 1.000   | 1.001   | 1.001   | 1.001   | 1.000   | 1.000   | 1.001   |         | 1.070   |
| 6/30/2022     | 1.000                 | 1.000   | 1.000   | 1.001   | 1.001   | 1.001   | 1.000   | 1.000   | 1.001   |         | 1.222   |

(A) See Exhibit C4 - Multistate Loss Development.

(B) See Exhibit C4 - Statewide Loss Development.

(C) Credibility is based upon the statewide losses for each evaluation period.

(D)  $\{(3) \times (4)\} + \{(2) \times \{1.000 - (4)\}\}$

## MINNESOTA

## Premises/Operations

Manufacturers & Contractors  
Property Damage  
Full and Deductible Coverage  
ALAE

## Calculation of Cumulative Incremental Factors

| (1)                  | (2)   | (3)                | (4)                | (5)                   |                              |
|----------------------|---|--------------------|--------------------|-----------------------|------------------------------|
| Evaluation<br>Period | Multistate<br>Ratio (A)                     | State<br>Ratio (B) | Credibility<br>(C) | Weighted<br>Ratio (D) | Credibility<br>Constant (Ki) |
| 15 to 27 Months      | 0.0432                                      | 0.0392             | 0.6953             | 0.0404                | 2,800,000                    |
| 27 to 39 Months      | 0.0427                                      | 0.0222             | 0.7226             | 0.0279                | 2,900,000                    |
| 39 to 51 Months      | 0.0398                                      | 0.0806             | 0.6880             | 0.0679                | 3,100,000                    |
| 51 to 63 Months      | 0.0355                                      | 0.0187             | 0.6835             | 0.0240                | 3,300,000                    |
| 63 to 75 Months      | 0.0198                                      | 0.0140             | 0.6282             | 0.0162                | 3,500,000                    |
| 75 to 87 Months      | 0.0125                                      | 0.0084             | 0.6277             | 0.0099                | 3,700,000                    |
| 87 to 99 Months      | 0.0085                                      | 0.0012             | 0.6020             | 0.0041                | 3,900,000                    |
| 99 to 111 Months     | 0.0090                                      | 0.0006             | 0.5808             | 0.0041                | 4,200,000                    |
| 111 to 123 Months    | 0.0039                                      | 0.0002             | 0.5392             | 0.0019                | 4,500,000                    |
| 123 to 135 Months    | 0.0033                                      | 0.0000             | 0.5156             | 0.0016                | 4,800,000                    |
| 135 to 147 Months    | 0.0038                                      | 0.0013             | 0.4943             | 0.0026                | 5,000,000                    |
| 147 to 159 Months    | 0.0022                                      | 0.0000             | 0.5134             | 0.0011                | 5,400,000                    |
| 159 to 171 Months    | 0.0014                                      | 0.0000             | 0.4977             | 0.0007                | 5,800,000                    |
| 171 to Ultimate      | A multistate ratio of 0.0000 has been used. |                    |                    |                       |                              |

| Cumulative Incremental Factors |           |            |            |            |            |            |            |
|--------------------------------|-----------|------------|------------|------------|------------|------------|------------|
| <u>Months-to-Ultimate</u>      | <u>15</u> | <u>27</u>  | <u>39</u>  | <u>51</u>  | <u>63</u>  | <u>75</u>  | <u>87</u>  |
|                                | 0.202     | 0.162      | 0.134      | 0.066      | 0.042      | 0.026      | 0.016      |
| <u>Months-to-Ultimate</u>      | <u>99</u> | <u>111</u> | <u>123</u> | <u>135</u> | <u>147</u> | <u>159</u> | <u>171</u> |
|                                | 0.012     | 0.008      | 0.006      | 0.004      | 0.002      | 0.001      | 0.000      |

Full coverage

| A.Y.E     | Reported ALAE<br>as of 12/31/2022 | \$500,000<br>Ultimate Indemnity | ALAE<br>Factor | Additional<br>ALAE | Ultimate<br>ALAE |
|-----------|-----------------------------------|---------------------------------|----------------|--------------------|------------------|
| 9/30/2020 | 621,036                           | 4,732,890                       | 0.134          | 634,681            | 1,255,717        |
| 9/30/2021 | 520,773                           | 3,293,334                       | 0.162          | 533,520            | 1,054,293        |
| 9/30/2022 | 34,273                            | 2,932,247                       | 0.202          | 593,487            | 627,760          |

Deductible Coverage

| A.Y.E     | Reported ALAE<br>as of 12/31/2022 | \$500,000<br>Ultimate Indemnity | ALAE<br>Factor | Additional<br>ALAE | Ultimate<br>ALAE |
|-----------|-----------------------------------|---------------------------------|----------------|--------------------|------------------|
| 9/30/2020 | 13,020                            | 565,062                         | 0.134          | 75,775             | 88,795           |
| 9/30/2021 | 100,704                           | 1,513,141                       | 0.162          | 245,129            | 345,833          |
| 9/30/2022 | 10,058                            | 1,246,931                       | 0.202          | 252,379            | 262,437          |

(A) See Exhibit C4 - Multistate Loss Development.

(B) See Exhibit C4 - Statewide Loss Development.

(C) Credibility is based upon the statewide losses for each evaluation period.

(D)  $\{(3) \times (4)\} + \{(2) \times \{1.000 - (4)\}\}$

## MINNESOTA

## Premises/Operations

## Manufacturers &amp; Contractors

## Fringe

## Full Coverage

## ALAE

## Calculation of Cumulative Incremental Factors

| (1)                  | (2)   |
|----------------------|---|
| Evaluation<br>Period | Multistate<br>Ratio (A)                     |
| 15 to 27 Months      | 0.1001                                      |
| 27 to 39 Months      | 0.0960                                      |
| 39 to 51 Months      | 0.1424                                      |
| 51 to 63 Months      | 0.0995                                      |
| 63 to 75 Months      | 0.0299                                      |
| 75 to 87 Months      | 0.0443                                      |
| 87 to 99 Months      | 0.0257                                      |
| 99 to 111 Months     | 0.0210                                      |
| 111 to 123 Months    | 0.0084                                      |
| 123 to 135 Months    | 0.0020                                      |
| 135 to 147 Months    | 0.0004                                      |
| 147 to 159 Months    | 0.0018                                      |
| 159 to 171 Months    | 0.0006                                      |
| 171 to Ultimate      | A multistate ratio of 0.0000 has been used. |

| Cumulative Incremental Factors |           |            |            |            |            |            |            |
|--------------------------------|-----------|------------|------------|------------|------------|------------|------------|
| <u>Months-to-Ultimate</u>      | <u>15</u> | <u>27</u>  | <u>39</u>  | <u>51</u>  | <u>63</u>  | <u>75</u>  | <u>87</u>  |
|                                | 0.572     | 0.472      | 0.376      | 0.234      | 0.134      | 0.104      | 0.060      |
| <u>Months-to-Ultimate</u>      | <u>99</u> | <u>111</u> | <u>123</u> | <u>135</u> | <u>147</u> | <u>159</u> | <u>171</u> |
|                                | 0.034     | 0.013      | 0.005      | 0.003      | 0.002      | 0.001      | 0.000      |

Full coverage

| <u>A.Y.E</u> | <u>Reported ALAE<br/>as of 12/31/2022</u> | <u>\$500,000<br/>Ultimate Indemnity</u> | <u>ALAE<br/>Factor</u> | <u>Additional<br/>ALAE</u> | <u>Ultimate<br/>ALAE</u> |
|--------------|---|---|------------------------|----------------------------|--------------------------|
| 9/30/2020    | 978                                       | 154,226                                 | 0.376                  | 57,989                     | 58,967                   |
| 9/30/2021    | 76,811                                    | 396,953                                 | 0.472                  | 187,362                    | 264,173                  |
| 9/30/2022    | 32,964                                    | 426,584                                 | 0.572                  | 244,049                    | 277,013                  |

(A) See Exhibit C4 - Multistate Loss Development.

Note : Fringe Incremental ALAE Factors are calculated using multistate data.

Premises / Operations (Subline Code 334)  
Manufacturers and Contractors  
Full Coverage  
MINNESOTA  
Bodily Injury - Occurrence  
Incurred Accident Year Basic Limits Loss Development Excluding ALAE

| \$100,000 Basic Limit Losses as of : |                  |                  |                  |                  |                  |                  |                  |                  |                   |                   |                   |
|--------------------------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-------------------|-------------------|-------------------|
| <u>A.Y.E.</u>                        | <u>15 Months</u> | <u>27 Months</u> | <u>39 Months</u> | <u>51 Months</u> | <u>63 Months</u> | <u>75 Months</u> | <u>87 Months</u> | <u>99 Months</u> | <u>111 Months</u> | <u>123 Months</u> | <u>135 Months</u> |
| 6/30/2003                            | 781,408          | 881,316          | 1,207,161        | 1,229,503        | 1,090,613        | 911,201          | 910,326          | 910,326          | 910,326           | 910,728           | 797,477           |
| 6/30/2004                            | 867,008          | 1,313,962        | 1,391,781        | 1,737,175        | 1,671,975        | 1,697,025        | 1,577,525        | 1,574,525        | 1,564,525         | 1,564,525         | 1,564,525         |
| 6/30/2005                            | 1,100,229        | 1,364,048        | 1,582,745        | 1,726,617        | 1,530,952        | 1,480,334        | 1,374,303        | 1,374,303        | 1,374,303         | 1,374,303         | 1,374,503         |
| 6/30/2006                            | 1,304,669        | 1,498,089        | 1,370,149        | 1,299,152        | 1,326,553        | 1,320,486        | 1,305,576        | 1,276,595        | 1,286,560         | 1,286,560         | 1,286,560         |
| 6/30/2007                            | 679,472          | 1,002,852        | 1,015,554        | 958,003          | 960,148          | 965,198          | 965,698          | 959,695          | 960,895           | 961,163           | 961,163           |
| 6/30/2008                            | 1,185,826        | 1,033,552        | 1,100,097        | 879,104          | 768,763          | 656,763          | 651,763          | 651,763          | 641,513           | 651,763           | 651,763           |
| 6/30/2009                            | 897,068          | 1,434,420        | 1,466,894        | 1,483,847        | 1,487,347        | 1,547,263        | 1,489,663        | 1,484,663        | 1,484,663         | 1,484,663         | 1,484,663         |
| 6/30/2010                            | 1,354,729        | 1,002,685        | 928,001          | 1,273,838        | 1,193,262        | 1,095,694        | 1,132,689        | 1,217,825        | 1,217,825         | 1,217,825         | 1,217,825         |
| 6/30/2011                            | 859,770          | 659,830          | 1,040,505        | 1,105,151        | 867,651          | 895,651          | 890,651          | 905,651          | 905,651           | 905,651           | 905,651           |
| 6/30/2012                            | 929,128          | 1,106,859        | 1,483,637        | 1,316,790        | 1,353,840        | 1,278,840        | 1,315,840        | 1,315,840        | 1,315,840         | 1,315,840         | 1,315,840         |
| 6/30/2013                            | 574,248          | 1,075,373        | 885,934          | 748,940          | 904,938          | 886,877          | 905,188          | 905,188          | 905,188           | 905,188           |                   |
| 6/30/2014                            | 1,226,243        | 1,235,848        | 1,160,773        | 966,736          | 924,329          | 874,329          | 814,329          | 839,329          | 914,329           |                   |                   |
| 6/30/2015                            | 921,840          | 1,337,076        | 1,484,669        | 1,691,797        | 1,614,634        | 1,578,781        | 1,643,854        | 1,608,846        |                   |                   |                   |
| 6/30/2016                            | 551,522          | 423,597          | 524,455          | 592,468          | 639,371          | 600,362          | 599,968          |                  |                   |                   |                   |
| 6/30/2017                            | 791,206          | 588,860          | 976,360          | 1,074,755        | 886,914          | 811,664          |                  |                  |                   |                   |                   |
| 6/30/2018                            | 1,230,553        | 1,647,100        | 1,738,363        | 1,731,736        | 1,635,214        |                  |                  |                  |                   |                   |                   |
| 6/30/2019                            | 764,133          | 597,101          | 577,433          | 649,182          |                  |                  |                  |                  |                   |                   |                   |
| 6/30/2020                            | 1,058,379        | 927,866          | 834,543          |                  |                  |                  |                  |                  |                   |                   |                   |
| 6/30/2021                            | 666,057          | 603,683          |                  |                  |                  |                  |                  |                  |                   |                   |                   |
| 6/30/2022                            | 581,389          |                  |                  |                  |                  |                  |                  |                  |                   |                   |                   |

| <u>A.Y.E.</u> | <u>147 Months</u> | <u>159 Months</u> | <u>171 Months</u> | <u>183 Months</u> | <u>195 Months</u> | <u>207 Months</u> | <u>219 Months</u> | <u>231 Months</u> | <u>243 Months</u> |
|---------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| 6/30/2003     | 842,728           | 842,728           | 842,728           | 842,728           | 842,728           | 842,728           | 842,728           | 842,728           | 842,728           |
| 6/30/2004     | 1,564,525         | 1,564,525         | 1,564,525         | 1,564,525         | 1,564,525         | 1,564,525         | 1,564,525         | 1,564,525         |                   |
| 6/30/2005     | 1,374,503         | 1,374,503         | 1,374,503         | 1,374,503         | 1,374,503         | 1,374,503         | 1,374,503         |                   |                   |
| 6/30/2006     | 1,286,560         | 1,301,560         | 1,295,260         | 1,294,760         | 1,294,760         | 1,294,760         |                   |                   |                   |
| 6/30/2007     | 961,163           | 961,163           | 961,163           | 961,163           | 961,163           |                   |                   |                   |                   |
| 6/30/2008     | 641,513           | 641,513           | 641,513           | 641,513           |                   |                   |                   |                   |                   |
| 6/30/2009     | 1,484,663         | 1,484,663         | 1,484,663         |                   |                   |                   |                   |                   |                   |
| 6/30/2010     | 1,217,825         | 1,217,825         |                   |                   |                   |                   |                   |                   |                   |
| 6/30/2011     | 905,651           |                   |                   |                   |                   |                   |                   |                   |                   |

Premises / Operations (Subline Code 334)  
 Manufacturers and Contractors  
 Full Coverage  
 MINNESOTA  
 Bodily Injury - Occurrence  
 Incurred Accident Year Basic Limits Loss Development Excluding ALAE

|           | Link Ratios  |              |              |              |              |              |              |               |                |                |                |
|-----------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|---------------|----------------|----------------|----------------|
| A.Y.E.    | <u>27:15</u> | <u>39:27</u> | <u>51:39</u> | <u>63:51</u> | <u>75:63</u> | <u>87:75</u> | <u>99:87</u> | <u>111:99</u> | <u>123:111</u> | <u>135:123</u> | <u>147:135</u> |
| 6/30/2003 | 1.128        | 1.370        | 1.019        | 0.887        | 0.835        | 0.999        | 1.000        | 1.000         | 1.000          | 0.876          | 1.057          |
| 6/30/2004 | 1.516        | 1.059        | 1.248        | 0.962        | 1.015        | 0.930        | 0.998        | 0.994         | 1.000          | 1.000          | 1.000          |
| 6/30/2005 | 1.240        | 1.160        | 1.091        | 0.887        | 0.967        | 0.928        | 1.000        | 1.000         | 1.000          | 1.000          | 1.000          |
| 6/30/2006 | 1.148        | 0.915        | 0.948        | 1.021        | 0.995        | 0.989        | 0.978        | 1.008         | 1.000          | 1.000          | 1.000          |
| 6/30/2007 | 1.476        | 1.013        | 0.943        | 1.002        | 1.005        | 1.001        | 0.994        | 1.001         | 1.000          | 1.000          | 1.000          |
| 6/30/2008 | 0.872        | 1.064        | 0.799        | 0.874        | 0.854        | 0.992        | 1.000        | 0.984         | 1.016          | 1.000          | 0.984          |
| 6/30/2009 | 1.599        | 1.023        | 1.012        | 1.002        | 1.040        | 0.963        | 0.997        | 1.000         | 1.000          | 1.000          | 1.000          |
| 6/30/2010 | 0.740        | 0.926        | 1.373        | 0.937        | 0.918        | 1.034        | 1.075        | 1.000         | 1.000          | 1.000          | 1.000          |
| 6/30/2011 | 0.767        | 1.577        | 1.062        | 0.785        | 1.032        | 0.994        | 1.017        | 1.000         | 1.000          | 1.000          | 1.000          |
| 6/30/2012 | 1.191        | 1.340        | 0.888        | 1.028        | 0.945        | 1.029        | 1.000        | 1.000         | 1.000          | 1.000          |                |
| 6/30/2013 | 1.873        | 0.824        | 0.845        | 1.208        | 0.980        | 1.021        | 1.000        | 1.000         | 1.000          |                |                |
| 6/30/2014 | 1.008        | 0.939        | 0.833        | 0.956        | 0.946        | 0.931        | 1.031        | 1.089         |                |                |                |
| 6/30/2015 | 1.450        | 1.110        | 1.140        | 0.954        | 0.978        | 1.041        | 0.979        |               |                |                |                |
| 6/30/2016 | 0.768        | 1.238        | 1.130        | 1.079        | 0.939        | 0.999        |              |               |                |                |                |
| 6/30/2017 | 0.744        | 1.658        | 1.101        | 0.825        | 0.915        |              |              |               |                |                |                |
| 6/30/2018 | 1.339        | 1.055        | 0.996        | 0.944        |              |              |              |               |                |                |                |
| 6/30/2019 | 0.781        | 0.967        | 1.124        |              |              |              |              |               |                |                |                |
| 6/30/2020 | 0.877        | 0.899        |              |              |              |              |              |               |                |                |                |
| 6/30/2021 | 0.906        |              |              |              |              |              |              |               |                |                |                |

|           |       |       |       |       |       |       |       |       |       |       |       |
|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 3 Yr Mean | 0.855 | 0.974 | 1.074 | 0.949 | 0.944 | 0.990 | 1.003 | 1.030 | 1.000 | 1.000 | 1.000 |
|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|

|          |       |       |       |       |       |       |       |       |       |       |       |
|----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Best 3/5 | 0.855 | 1.087 | 1.118 | 0.951 | 0.954 | 1.016 | 1.006 | 1.000 | 1.000 | 1.000 | 1.000 |
|----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|

| A.Y.E.    | <u>159:147</u> | <u>171:159</u> | <u>183:171</u> | <u>195:183</u> | <u>207:195</u> | <u>219:207</u> | <u>231:219</u> | <u>243:231</u> |  |  |
|-----------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|--|--|
| 6/30/2003 | 1.000          | 1.000          | 1.000          | 1.000          | 1.000          | 1.000          | 1.000          | 1.000          |  |  |
| 6/30/2004 | 1.000          | 1.000          | 1.000          | 1.000          | 1.000          | 1.000          | 1.000          | <b>1.000</b>   |  |  |
| 6/30/2005 | 1.000          | 1.000          | 1.000          | 1.000          | 1.000          | 1.000          | <b>1.000</b>   | <b>1.000</b>   |  |  |
| 6/30/2006 | 1.012          | 0.995          | 1.000          | 1.000          | 1.000          | <b>1.000</b>   | <b>1.000</b>   | <b>1.000</b>   |  |  |
| 6/30/2007 | 1.000          | 1.000          | 1.000          | 1.000          | <b>1.000</b>   | <b>1.000</b>   | <b>1.000</b>   | <b>1.000</b>   |  |  |
| 6/30/2008 | 1.000          | 1.000          | 1.000          |                |                |                |                |                |  |  |
| 6/30/2009 | 1.000          | 1.000          |                |                |                |                |                |                |  |  |
| 6/30/2010 | 1.000          |                |                |                |                |                |                |                |  |  |

|           |       |       |       |       |       |       |       |       |  |  |
|-----------|-------|-------|-------|-------|-------|-------|-------|-------|--|--|
| 3 Yr Mean | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 |  |  |
|-----------|-------|-------|-------|-------|-------|-------|-------|-------|--|--|

|          |       |       |       |       |              |              |              |              |  |  |
|----------|-------|-------|-------|-------|--------------|--------------|--------------|--------------|--|--|
| Best 3/5 | 1.000 | 1.000 | 1.000 | 1.000 | <b>1.000</b> | <b>1.000</b> | <b>1.000</b> | <b>1.000</b> |  |  |
|----------|-------|-------|-------|-------|--------------|--------------|--------------|--------------|--|--|

|           | Development From |               |               |               |               |               |               |               |                |                |                |
|-----------|------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|----------------|----------------|
| A.Y.E.    | <u>15/ 27</u>    | <u>27/ 39</u> | <u>39/ 51</u> | <u>51/ 63</u> | <u>63/ 75</u> | <u>75/ 87</u> | <u>87/ 99</u> | <u>99/111</u> | <u>111/123</u> | <u>123/135</u> | <u>135/147</u> |
| 6/30/2018 |                  |               |               |               | 0.954         | 1.016         | 1.006         | 1.000         | 1.000          | 1.000          | 1.000          |
| 6/30/2019 |                  |               |               | 0.951         | 0.954         | 1.016         | 1.006         | 1.000         | 1.000          | 1.000          | 1.000          |
| 6/30/2020 |                  |               | 1.118         | 0.951         | 0.954         | 1.016         | 1.006         | 1.000         | 1.000          | 1.000          | 1.000          |
| 6/30/2021 |                  | 1.087         | 1.118         | 0.951         | 0.954         | 1.016         | 1.006         | 1.000         | 1.000          | 1.000          | 1.000          |
| 6/30/2022 | 0.855            | 1.087         | 1.118         | 0.951         | 0.954         | 1.016         | 1.006         | 1.000         | 1.000          | 1.000          | 1.000          |

| A.Y.E.    | <u>147/159</u> | <u>159/171</u> | <u>171/183</u> | <u>183/195</u> | <u>195/207</u> | <u>207/219</u> | <u>219/231</u> | <u>231/243</u> | <u>243/U1t</u> | FACTORS |
|-----------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|---------|
| 6/30/2018 | 1.000          | 1.000          | 1.000          | 1.000          | 1.000          | 1.000          | 1.000          | 1.000          | <b>1.000</b>   | 0.975   |
| 6/30/2019 | 1.000          | 1.000          | 1.000          | 1.000          | 1.000          | 1.000          | 1.000          | 1.000          | <b>1.000</b>   | 0.927   |
| 6/30/2020 | 1.000          | 1.000          | 1.000          | 1.000          | 1.000          | 1.000          | 1.000          | 1.000          | <b>1.000</b>   | 1.037   |
| 6/30/2021 | 1.000          | 1.000          | 1.000          | 1.000          | 1.000          | 1.000          | 1.000          | 1.000          | <b>1.000</b>   | 1.127   |
| 6/30/2022 | 1.000          | 1.000          | 1.000          | 1.000          | 1.000          | 1.000          | 1.000          | 1.000          | <b>1.000</b>   | 0.964   |

**Bold - Calculated Using Modified Bondy Method**

*Italics - Three year mean Excludes Modified Bondy ratios*

Premises / Operations (Subline Code 334)  
 Manufacturers and Contractors  
 Full Coverage  
 MINNESOTA  
 Bodily Injury - Occurrence  
 Incurred Accident Year ALAE Development

| A.Y.E.    | <u>15 Months</u> | <u>27 Months</u> | <u>39 Months</u> | <u>51 Months</u> | <u>63 Months</u> | <u>75 Months</u> | <u>87 Months</u> | <u>99 Months</u> | <u>111 Months</u> | <u>123 Months</u> | <u>135 Months</u> |
|-----------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-------------------|-------------------|-------------------|
| 6/30/2003 | 109,623          | 168,598          | 336,215          | 509,617          | 552,171          | 673,068          | 687,450          | 710,194          | 724,119           | 733,000           | 756,079           |
| 6/30/2004 | 87,435           | 158,374          | 540,825          | 511,724          | 522,955          | 593,857          | 615,793          | 622,486          | 626,553           | 626,591           | 626,629           |
| 6/30/2005 | 57,926           | 213,574          | 407,056          | 526,983          | 754,213          | 756,041          | 759,120          | 771,416          | 779,439           | 785,820           | 794,848           |
| 6/30/2006 | 106,659          | 229,503          | 541,358          | 822,703          | 824,650          | 828,420          | 859,087          | 893,082          | 884,722           | 885,058           | 895,059           |
| 6/30/2007 | 27,814           | 95,674           | 229,449          | 469,091          | 626,854          | 826,226          | 821,646          | 829,835          | 818,040           | 816,642           | 816,642           |
| 6/30/2008 | 86,640           | 223,801          | 466,587          | 729,342          | 875,851          | 882,354          | 902,735          | 903,967          | 884,797           | 904,286           | 904,284           |
| 6/30/2009 | 40,685           | 183,090          | 581,478          | 1,015,174        | 1,216,735        | 1,302,248        | 1,356,022        | 1,382,357        | 1,388,881         | 1,388,881         | 1,388,881         |
| 6/30/2010 | 25,601           | 191,541          | 589,146          | 514,856          | 623,735          | 671,957          | 726,287          | 757,014          | 757,922           | 757,922           | 757,922           |
| 6/30/2011 | 53,577           | 113,367          | 287,092          | 394,081          | 436,533          | 456,281          | 464,293          | 476,612          | 476,612           | 476,612           | 476,612           |
| 6/30/2012 | 138,085          | 298,338          | 738,332          | 1,224,019        | 1,281,867        | 1,172,665        | 1,264,127        | 1,252,962        | 1,252,962         | 1,252,962         | 1,252,962         |
| 6/30/2013 | 27,539           | 114,442          | 347,730          | 377,543          | 408,786          | 409,632          | 436,414          | 446,766          | 446,766           | 446,766           |                   |
| 6/30/2014 | 80,105           | 169,209          | 320,700          | 758,415          | 805,350          | 816,250          | 822,721          | 849,786          | 883,115           |                   |                   |
| 6/30/2015 | 84,915           | 204,226          | 500,040          | 703,879          | 773,568          | 874,230          | 964,067          | 974,286          |                   |                   |                   |
| 6/30/2016 | 25,905           | 145,647          | 304,810          | 441,302          | 466,913          | 458,093          | 458,491          |                  |                   |                   |                   |
| 6/30/2017 | 76,180           | 124,381          | 211,523          | 410,884          | 510,818          | 520,751          |                  |                  |                   |                   |                   |
| 6/30/2018 | 137,890          | 251,993          | 512,963          | 760,567          | 885,758          |                  |                  |                  |                   |                   |                   |
| 6/30/2019 | 11,975           | 54,034           | 117,066          | 216,595          |                  |                  |                  |                  |                   |                   |                   |
| 6/30/2020 | 53,526           | 150,271          | 258,099          |                  |                  |                  |                  |                  |                   |                   |                   |
| 6/30/2021 | 57,285           | 130,969          |                  |                  |                  |                  |                  |                  |                   |                   |                   |
| 6/30/2022 | 44,442           |                  |                  |                  |                  |                  |                  |                  |                   |                   |                   |

| A.Y.E     | <u>147 Months</u> | <u>159 Months</u> | <u>171 Months</u> | <u>183 Months</u> | <u>195 Months</u> | <u>207 Months</u> | <u>219 Months</u> | <u>231 Months</u> | <u>243 Months</u> |
|-----------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| 6/30/2003 | 796,618           | 797,162           | 797,162           | 797,162           | 797,162           | 797,162           | 797,162           | 797,162           | 797,162           |
| 6/30/2004 | 626,629           | 626,629           | 626,629           | 626,629           | 626,629           | 626,629           | 626,629           | 626,629           |                   |
| 6/30/2005 | 795,476           | 795,476           | 795,476           | 795,476           | 795,476           | 795,476           | 795,476           |                   |                   |
| 6/30/2006 | 895,061           | 886,267           | 886,267           | 889,267           | 889,267           | 889,267           |                   |                   |                   |
| 6/30/2007 | 816,642           | 816,642           | 816,642           | 816,642           | 816,642           |                   |                   |                   |                   |
| 6/30/2008 | 884,988           | 884,988           | 884,988           | 884,988           |                   |                   |                   |                   |                   |
| 6/30/2009 | 1,388,881         | 1,388,881         | 1,388,881         |                   |                   |                   |                   |                   |                   |
| 6/30/2010 | 757,922           | 757,922           |                   |                   |                   |                   |                   |                   |                   |
| 6/30/2011 | 476,612           |                   |                   |                   |                   |                   |                   |                   |                   |

Premises / Operations (Subline Code 334)  
Manufacturers and Contractors  
Full Coverage  
MINNESOTA  
Bodily Injury - Occurrence  
Incurred Accident Year Incremental ALAE Development

|           | Increments   |              |              |              |              |              |              |               |                |                |                |                |                |
|-----------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|---------------|----------------|----------------|----------------|----------------|----------------|
| A.Y.E.    | <u>27:15</u> | <u>39:27</u> | <u>51:39</u> | <u>63:51</u> | <u>75:63</u> | <u>87:75</u> | <u>99:87</u> | <u>111:99</u> | <u>123:111</u> | <u>135:123</u> | <u>147:135</u> | <u>159:147</u> | <u>171:159</u> |
| 6/30/2003 | 58,975       | 167,617      | 173,402      | 42,554       | 120,897      | 14,382       | 22,744       | 13,925        | 8,881          | 23,079         | 40,539         | 544            | 0              |
| 6/30/2004 | 70,939       | 382,451      | -29,101      | 11,231       | 70,902       | 21,936       | 6,693        | 4,067         | 38             | 38             | 0              | 0              | 0              |
| 6/30/2005 | 155,648      | 193,482      | 119,927      | 227,230      | 1,828        | 3,079        | 12,296       | 8,023         | 6,381          | 9,028          | 628            | 0              | 0              |
| 6/30/2006 | 122,844      | 311,855      | 281,345      | 1,947        | 3,770        | 30,667       | 33,995       | -8,360        | 336            | 10,001         | 2              | -8,794         | 0              |
| 6/30/2007 | 67,860       | 133,775      | 239,642      | 157,763      | 199,372      | -4,580       | 8,189        | -11,795       | -1,398         | 0              | 0              | 0              | 0              |
| 6/30/2008 | 137,161      | 242,786      | 262,755      | 146,509      | 6,503        | 20,381       | 1,232        | -19,170       | 19,489         | -2             | -19,296        | 0              | 0              |
| 6/30/2009 | 142,405      | 398,388      | 433,696      | 201,561      | 85,513       | 53,774       | 26,335       | 6,524         | 0              | 0              | 0              | 0              | 0              |
| 6/30/2010 | 165,940      | 397,605      | -74,290      | 108,879      | 48,222       | 54,330       | 30,727       | 908           | 0              | 0              | 0              | 0              | 0              |
| 6/30/2011 | 59,790       | 173,725      | 106,989      | 42,452       | 19,748       | 8,012        | 12,319       | 0             | 0              | 0              | 0              | 0              | 0              |
| 6/30/2012 | 160,253      | 439,994      | 485,687      | 57,848       | -109,202     | 91,462       | -11,165      | 0             | 0              | 0              | 0              | 0              | 0              |
| 6/30/2013 | 86,903       | 233,288      | 29,813       | 31,243       | 846          | 26,782       | 10,352       | 0             | 0              | 0              | 0              | 0              | 0              |
| 6/30/2014 | 89,104       | 151,491      | 437,715      | 46,935       | 10,900       | 6,471        | 27,065       | 33,329        | 0              | 0              | 0              | 0              | 0              |
| 6/30/2015 | 119,311      | 295,814      | 203,839      | 69,689       | 100,662      | 89,837       | 10,219       | 0             | 0              | 0              | 0              | 0              | 0              |
| 6/30/2016 | 119,742      | 159,163      | 136,492      | 25,611       | -8,820       | 398          | 0            | 0             | 0              | 0              | 0              | 0              | 0              |
| 6/30/2017 | 48,201       | 87,142       | 199,361      | 99,934       | 9,933        | 0            | 0            | 0             | 0              | 0              | 0              | 0              | 0              |
| 6/30/2018 | 114,103      | 260,970      | 247,604      | 125,191      | 0            | 0            | 0            | 0             | 0              | 0              | 0              | 0              | 0              |
| 6/30/2019 | 42,059       | 63,032       | 99,529       | 0            | 0            | 0            | 0            | 0             | 0              | 0              | 0              | 0              | 0              |
| 6/30/2020 | 96,745       | 107,828      | 0            | 0            | 0            | 0            | 0            | 0             | 0              | 0              | 0              | 0              | 0              |
| 6/30/2021 | 73,684       | 0            | 0            | 0            | 0            | 0            | 0            | 0             | 0              | 0              | 0              | 0              | 0              |

| Incremental Percentages |              |              |              |              |              |              |              |               |                |                |                |                |                |  |
|-------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|---------------|----------------|----------------|----------------|----------------|----------------|--|
| <u>A.Y.E.</u>           | <u>27:15</u> | <u>39:27</u> | <u>51:39</u> | <u>63:51</u> | <u>75:63</u> | <u>87:75</u> | <u>99:87</u> | <u>111:99</u> | <u>123:111</u> | <u>135:123</u> | <u>147:135</u> | <u>159:147</u> | <u>171:159</u> |  |
| 6/30/2003               | 0.0423       | 0.1204       | 0.1245       | 0.0306       | 0.0868       | 0.0103       | 0.0163       | 0.0100        | 0.0064         | 0.0166         | 0.0291         | 0.0004         | 0.0000         |  |
| 6/30/2004               | 0.0325       | 0.1751       | -0.0133      | 0.0051       | 0.0325       | 0.0100       | 0.0031       | 0.0019        | 0.0000         | 0.0000         | 0.0000         | 0.0000         | 0.0000         |  |
| 6/30/2005               | 0.0637       | 0.0792       | 0.0491       | 0.0930       | 0.0007       | 0.0013       | 0.0050       | 0.0033        | 0.0026         | 0.0037         | 0.0003         | 0.0000         | 0.0000         |  |
| 6/30/2006               | 0.0430       | 0.1092       | 0.0986       | 0.0007       | 0.0013       | 0.0107       | 0.0119       | -0.0029       | 0.0001         | 0.0035         | 0.0000         | -0.0031        | 0.0000         |  |
| 6/30/2007               | 0.0369       | 0.0728       | 0.1303       | 0.0858       | 0.1084       | -0.0025      | 0.0045       | -0.0064       | -0.0008        | 0.0000         | 0.0000         | 0.0000         | 0.0000         |  |
| 6/30/2008               | 0.1478       | 0.2616       | 0.2831       | 0.1579       | 0.0070       | 0.0220       | 0.0013       | -0.0207       | 0.0210         | 0.0000         | -0.0208        | 0.0000         | 0.0000         |  |
| 6/30/2009               | 0.0559       | 0.1563       | 0.1701       | 0.0791       | 0.0335       | 0.0211       | 0.0103       | 0.0026        | 0.0000         | 0.0000         | 0.0000         | 0.0000         | 0.0000         |  |
| 6/30/2010               | 0.0689       | 0.1652       | -0.0309      | 0.0452       | 0.0200       | 0.0226       | 0.0128       | 0.0004        | 0.0000         | 0.0000         | 0.0000         | 0.0000         | 0.0000         |  |
| 6/30/2011               | 0.0296       | 0.0860       | 0.0530       | 0.0210       | 0.0098       | 0.0040       | 0.0061       | 0.0000        | 0.0000         | 0.0000         | 0.0000         | 0.0000         | 0.0000         |  |
| 6/30/2012               | 0.0594       | 0.1631       | 0.1800       | 0.0214       | -0.0405      | 0.0339       | -0.0041      | 0.0000        | 0.0000         | 0.0000         | 0.0000         | 0.0000         | 0.0000         |  |
| 6/30/2013               | 0.0862       | 0.2314       | 0.0296       | 0.0310       | 0.0008       | 0.0266       | -0.0103      | 0.0000        | 0.0000         |                |                |                |                |  |
| 6/30/2014               | 0.0639       | 0.1086       | 0.3138       | 0.0336       | 0.0078       | 0.0046       | 0.0194       | 0.0239        |                |                |                |                |                |  |
| 6/30/2015               | 0.0312       | 0.0775       | 0.0534       | 0.0183       | 0.0264       | 0.0235       | 0.0027       |               |                |                |                |                |                |  |
| 6/30/2016               | 0.0950       | 0.1263       | 0.1083       | 0.0203       | -0.0070      | 0.0003       |              |               |                |                |                |                |                |  |
| 6/30/2017               | 0.0286       | 0.0517       | 0.1183       | 0.0593       | 0.0059       |              |              |               |                |                |                |                |                |  |
| 6/30/2018               | 0.0380       | 0.0869       | 0.0825       | 0.0417       |              |              |              |               |                |                |                |                |                |  |
| 6/30/2019               | 0.0373       | 0.0560       | 0.0884       |              |              |              |              |               |                |                |                |                |                |  |
| 6/30/2020               | 0.0613       | 0.0683       |              |              |              |              |              |               |                |                |                |                |                |  |
| 6/30/2021               | 0.0459       |              |              |              |              |              |              |               |                |                |                |                |                |  |

|          |        |        |        |        |        |        |        |        |        |        |        |        |        |
|----------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Best 3/5 | 0.0404 | 0.0704 | 0.0931 | 0.0319 | 0.0048 | 0.0182 | 0.0064 | 0.0001 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
|----------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|



Premises / Operations (Subline Code 334)  
Manufacturers and Contractors  
Full Coverage  
MINNESOTA  
Property Damage - Occurrence  
Incurred Accident Year Basic Limits Loss Development Excluding ALAE

| \$100,000 Basic Limit Losses as of : |                  |                  |                  |                  |                  |                  |                  |                  |                   |                   |                   |
|--------------------------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-------------------|-------------------|-------------------|
| A.Y.E.                               | <u>15 Months</u> | <u>27 Months</u> | <u>39 Months</u> | <u>51 Months</u> | <u>63 Months</u> | <u>75 Months</u> | <u>87 Months</u> | <u>99 Months</u> | <u>111 Months</u> | <u>123 Months</u> | <u>135 Months</u> |
| 6/30/2003                            | 1,734,192        | 1,822,923        | 2,379,279        | 2,438,152        | 2,210,368        | 2,239,263        | 2,198,893        | 2,192,172        | 2,200,893         | 2,185,893         | 2,189,268         |
| 6/30/2004                            | 1,839,915        | 2,140,722        | 2,205,130        | 2,283,254        | 1,969,884        | 1,913,928        | 1,915,267        | 1,913,884        | 1,927,783         | 1,927,118         | 1,947,118         |
| 6/30/2005                            | 2,405,998        | 2,057,571        | 2,001,756        | 1,977,652        | 1,962,276        | 1,965,733        | 2,038,878        | 2,057,206        | 1,989,590         | 1,980,348         | 1,973,348         |
| 6/30/2006                            | 2,105,873        | 1,663,228        | 1,679,527        | 1,661,992        | 1,636,646        | 1,676,692        | 1,633,792        | 1,633,792        | 1,667,708         | 1,635,416         | 1,652,924         |
| 6/30/2007                            | 1,784,756        | 1,805,459        | 1,829,051        | 1,692,037        | 1,804,934        | 1,817,063        | 1,800,146        | 1,791,646        | 1,826,646         | 1,817,246         | 1,792,646         |
| 6/30/2008                            | 2,118,880        | 2,143,687        | 2,290,689        | 2,258,479        | 2,358,446        | 2,419,777        | 2,374,864        | 2,374,872        | 2,374,872         | 2,374,864         | 2,374,864         |
| 6/30/2009                            | 1,589,177        | 1,642,571        | 1,766,024        | 1,682,743        | 1,572,815        | 1,572,815        | 1,573,965        | 1,573,003        | 1,579,754         | 1,578,754         | 1,578,754         |
| 6/30/2010                            | 1,704,625        | 1,888,912        | 1,749,356        | 1,723,879        | 1,728,379        | 1,731,709        | 1,733,449        | 1,733,454        | 1,743,446         | 1,743,446         | 1,743,446         |
| 6/30/2011                            | 1,589,958        | 1,707,078        | 1,555,336        | 1,508,713        | 1,532,833        | 1,574,857        | 1,533,183        | 1,560,683        | 1,565,683         | 1,565,683         | 1,565,683         |
| 6/30/2012                            | 1,516,875        | 1,472,486        | 1,728,749        | 1,819,837        | 1,821,941        | 1,802,816        | 1,799,976        | 1,799,976        | 1,799,976         | 1,799,976         | 1,799,976         |
| 6/30/2013                            | 1,526,574        | 1,767,725        | 1,604,206        | 1,840,387        | 1,814,387        | 1,823,907        | 1,949,007        | 1,898,907        | 1,898,907         | 1,908,907         |                   |
| 6/30/2014                            | 2,171,848        | 2,225,962        | 2,177,223        | 2,116,132        | 2,070,897        | 2,070,997        | 2,120,184        | 2,120,184        | 2,070,897         |                   |                   |
| 6/30/2015                            | 1,781,496        | 1,743,731        | 1,729,679        | 1,808,348        | 1,813,107        | 1,828,954        | 1,828,954        | 1,828,952        |                   |                   |                   |
| 6/30/2016                            | 2,001,233        | 2,331,276        | 2,362,905        | 2,308,858        | 2,343,424        | 2,337,010        | 2,334,313        |                  |                   |                   |                   |
| 6/30/2017                            | 1,631,057        | 1,800,597        | 1,851,653        | 1,765,195        | 1,756,451        | 1,771,451        |                  |                  |                   |                   |                   |
| 6/30/2018                            | 2,148,754        | 2,639,001        | 2,791,319        | 3,050,903        | 2,974,403        |                  |                  |                  |                   |                   |                   |
| 6/30/2019                            | 1,953,258        | 2,182,775        | 2,192,392        | 2,152,243        |                  |                  |                  |                  |                   |                   |                   |
| 6/30/2020                            | 2,505,437        | 2,733,658        | 2,954,659        |                  |                  |                  |                  |                  |                   |                   |                   |
| 6/30/2021                            | 1,930,871        | 2,558,445        |                  |                  |                  |                  |                  |                  |                   |                   |                   |
| 6/30/2022                            | 1,534,928        |                  |                  |                  |                  |                  |                  |                  |                   |                   |                   |

  

| A.Y.E.    | <u>147 Months</u> | <u>159 Months</u> | <u>171 Months</u> | <u>183 Months</u> | <u>195 Months</u> | <u>207 Months</u> | <u>219 Months</u> | <u>231 Months</u> | <u>243 Months</u> |
|-----------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| 6/30/2003 | 2,185,893         | 2,185,893         | 2,185,893         | 2,185,893         | 2,185,893         | 2,185,893         | 2,185,893         | 2,185,893         | 2,185,893         |
| 6/30/2004 | 1,932,118         | 1,927,120         | 1,927,118         | 1,927,118         | 1,927,118         | 1,927,118         | 1,927,118         | 1,927,118         |                   |
| 6/30/2005 | 1,974,348         | 1,973,348         | 1,973,348         | 1,973,348         | 1,973,348         | 1,973,348         | 1,973,348         |                   |                   |
| 6/30/2006 | 1,652,916         | 1,652,916         | 1,652,916         | 1,652,916         | 1,652,916         | 1,652,916         |                   |                   |                   |
| 6/30/2007 | 1,792,646         | 1,792,646         | 1,792,646         | 1,792,646         | 1,792,646         |                   |                   |                   |                   |
| 6/30/2008 | 2,374,864         | 2,374,864         | 2,374,864         | 2,374,864         |                   |                   |                   |                   |                   |
| 6/30/2009 | 1,578,754         | 1,578,754         | 1,578,754         |                   |                   |                   |                   |                   |                   |
| 6/30/2010 | 1,743,446         | 1,743,446         |                   |                   |                   |                   |                   |                   |                   |
| 6/30/2011 | 1,565,683         |                   |                   |                   |                   |                   |                   |                   |                   |

Premises / Operations (Subline Code 334)  
Manufacturers and Contractors  
Full Coverage  
MINNESOTA  
Property Damage - Occurrence  
Incurred Accident Year Basic Limits Loss Development Excluding ALAE

| Link Ratios      |                |                |                |                |                |                |                |                |                |                |                |
|------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| A.Y.E.           | <u>27:15</u>   | <u>39:27</u>   | <u>51:39</u>   | <u>63:51</u>   | <u>75:63</u>   | <u>87:75</u>   | <u>99:87</u>   | <u>111:99</u>  | <u>123:111</u> | <u>135:123</u> | <u>147:135</u> |
| 6/30/2003        | 1.051          | 1.305          | 1.025          | 0.907          | 1.013          | 0.982          | 0.997          | 1.004          | 0.993          | 1.002          | 0.998          |
| 6/30/2004        | 1.163          | 1.030          | 1.035          | 0.863          | 0.972          | 1.001          | 0.999          | 1.007          | 1.000          | 1.010          | 0.992          |
| 6/30/2005        | 0.855          | 0.973          | 0.988          | 0.992          | 1.002          | 1.037          | 1.009          | 0.967          | 0.995          | 0.996          | 1.001          |
| 6/30/2006        | 0.790          | 1.010          | 0.990          | 0.985          | 1.024          | 0.974          | 1.000          | 1.021          | 0.981          | 1.011          | 1.000          |
| 6/30/2007        | 1.012          | 1.013          | 0.925          | 1.067          | 1.007          | 0.991          | 0.995          | 1.020          | 0.995          | 0.986          | 1.000          |
| 6/30/2008        | 1.012          | 1.069          | 0.986          | 1.044          | 1.026          | 0.981          | 1.000          | 1.000          | 1.000          | 1.000          | 1.000          |
| 6/30/2009        | 1.034          | 1.075          | 0.953          | 0.935          | 1.000          | 1.001          | 0.999          | 1.004          | 0.999          | 1.000          | 1.000          |
| 6/30/2010        | 1.108          | 0.926          | 0.985          | 1.003          | 1.002          | 1.001          | 1.000          | 1.006          | 1.000          | 1.000          | 1.000          |
| 6/30/2011        | 1.074          | 0.911          | 0.970          | 1.016          | 1.027          | 0.974          | 1.018          | 1.003          | 1.000          | 1.000          | 1.000          |
| 6/30/2012        | 0.971          | 1.174          | 1.053          | 1.001          | 0.990          | 0.998          | 1.000          | 1.000          | 1.000          | 1.000          |                |
| 6/30/2013        | 1.158          | 0.907          | 1.147          | 0.986          | 1.005          | 1.069          | 0.974          | 1.000          | 1.005          |                |                |
| 6/30/2014        | 1.025          | 0.978          | 0.972          | 0.979          | 1.000          | 1.024          | 1.000          | 0.977          |                |                |                |
| 6/30/2015        | 0.979          | 0.992          | 1.045          | 1.003          | 1.009          | 1.000          | 1.000          |                |                |                |                |
| 6/30/2016        | 1.165          | 1.014          | 0.977          | 1.015          | 0.997          | 0.999          |                |                |                |                |                |
| 6/30/2017        | 1.104          | 1.028          | 0.953          | 0.995          | 1.009          |                |                |                |                |                |                |
| 6/30/2018        | 1.228          | 1.058          | 1.093          | 0.975          |                |                |                |                |                |                |                |
| 6/30/2019        | 1.118          | 1.004          | 0.982          |                |                |                |                |                |                |                |                |
| 6/30/2020        | 1.091          | 1.081          |                |                |                |                |                |                |                |                |                |
| 6/30/2021        | 1.325          |                |                |                |                |                |                |                |                |                |                |
| 3 Yr Mean        | 1.178          | 1.048          | 1.009          | 0.995          | 1.005          | 1.008          | 0.991          | 0.992          | 1.002          | 1.000          | 1.000          |
| Best 3/5         | 1.150          | 1.033          | 1.001          | 0.992          | 1.005          | 1.008          | 1.000          | 1.001          | 1.000          | 1.000          | 1.000          |
|                  |                |                |                |                |                |                |                |                |                |                |                |
|                  | <u>159:147</u> | <u>171:159</u> | <u>183:171</u> | <u>195:183</u> | <u>207:195</u> | <u>219:207</u> | <u>231:219</u> | <u>243:231</u> |                |                |                |
| 6/30/2003        | 1.000          | 1.000          | 1.000          | 1.000          | 1.000          | 1.000          | 1.000          | 1.000          |                |                |                |
| 6/30/2004        | 0.997          | 1.000          | 1.000          | 1.000          | 1.000          | 1.000          | 1.000          | <b>1.000</b>   |                |                |                |
| 6/30/2005        | 0.999          | 1.000          | 1.000          | 1.000          | 1.000          | 1.000          | <b>1.000</b>   | <b>1.000</b>   |                |                |                |
| 6/30/2006        | 1.000          | 1.000          | 1.000          | 1.000          | 1.000          | <b>1.000</b>   | <b>1.000</b>   | <b>1.000</b>   |                |                |                |
| 6/30/2007        | 1.000          | 1.000          | 1.000          | 1.000          | <b>1.000</b>   | <b>1.000</b>   | <b>1.000</b>   | <b>1.000</b>   |                |                |                |
| 6/30/2008        | 1.000          | 1.000          | 1.000          |                |                |                |                |                |                |                |                |
| 6/30/2009        | 1.000          | 1.000          |                |                |                |                |                |                |                |                |                |
| 6/30/2010        | 1.000          |                |                |                |                |                |                |                |                |                |                |
| 3 Yr Mean        | 1.000          | 1.000          | 1.000          | 1.000          | 1.000          | 1.000          | 1.000          | 1.000          |                |                |                |
| Best 3/5         | 1.000          | 1.000          | 1.000          | 1.000          | <b>1.000</b>   | <b>1.000</b>   | <b>1.000</b>   | <b>1.000</b>   |                |                |                |
|                  |                |                |                |                |                |                |                |                |                |                |                |
| Development From |                |                |                |                |                |                |                |                |                |                |                |
| A.Y.E.           | <u>15/ 27</u>  | <u>27/ 39</u>  | <u>39/ 51</u>  | <u>51/ 63</u>  | <u>63/ 75</u>  | <u>75/ 87</u>  | <u>87/ 99</u>  | <u>99/111</u>  | <u>111/123</u> | <u>123/135</u> | <u>135/147</u> |
| 6/30/2018        |                |                |                |                | 1.005          | 1.008          | 1.000          | 1.001          | 1.000          | 1.000          | 1.000          |
| 6/30/2019        |                |                |                | 0.992          | 1.005          | 1.008          | 1.000          | 1.001          | 1.000          | 1.000          | 1.000          |
| 6/30/2020        |                |                | 1.001          | 0.992          | 1.005          | 1.008          | 1.000          | 1.001          | 1.000          | 1.000          | 1.000          |
| 6/30/2021        |                | 1.033          | 1.001          | 0.992          | 1.005          | 1.008          | 1.000          | 1.001          | 1.000          | 1.000          | 1.000          |
| 6/30/2022        | 1.150          | 1.033          | 1.001          | 0.992          | 1.005          | 1.008          | 1.000          | 1.001          | 1.000          | 1.000          | 1.000          |
|                  |                |                |                |                |                |                |                |                |                |                |                |
| A.Y.E.           | <u>147/159</u> | <u>159/171</u> | <u>171/183</u> | <u>183/195</u> | <u>195/207</u> | <u>207/219</u> | <u>219/231</u> | <u>231/243</u> | <u>243/U1t</u> | FACTORS        |                |
| 6/30/2018        | 1.000          | 1.000          | 1.000          | 1.000          | 1.000          | 1.000          | 1.000          | 1.000          | <b>1.000</b>   | 1.014          |                |
| 6/30/2019        | 1.000          | 1.000          | 1.000          | 1.000          | 1.000          | 1.000          | 1.000          | 1.000          | <b>1.000</b>   | 1.006          |                |
| 6/30/2020        | 1.000          | 1.000          | 1.000          | 1.000          | 1.000          | 1.000          | 1.000          | 1.000          | <b>1.000</b>   | 1.007          |                |
| 6/30/2021        | 1.000          | 1.000          | 1.000          | 1.000          | 1.000          | 1.000          | 1.000          | 1.000          | <b>1.000</b>   | 1.040          |                |
| 6/30/2022        | 1.000          | 1.000          | 1.000          | 1.000          | 1.000          | 1.000          | 1.000          | 1.000          | <b>1.000</b>   | 1.196          |                |

**Bold - Calculated Using Modified Bondy Method**

*Italics - Three year mean Excludes Modified Bondy ratios*

Premises / Operations (Subline Code 334)  
Manufacturers and Contractors  
Full Coverage  
MINNESOTA  
Property Damage - Occurrence  
Incurred Accident Year ALAE Development

| A.Y.E.    | <u>15 Months</u> | <u>27 Months</u> | <u>39 Months</u> | <u>51 Months</u> | <u>63 Months</u> | <u>75 Months</u> | <u>87 Months</u> | <u>99 Months</u> | <u>111 Months</u> | <u>123 Months</u> | <u>135 Months</u> |
|-----------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-------------------|-------------------|-------------------|
| 6/30/2003 | 121,850          | 314,426          | 619,909          | 754,155          | 809,700          | 877,848          | 790,768          | 782,276          | 808,555           | 783,573           | 791,073           |
| 6/30/2004 | 128,504          | 314,032          | 457,401          | 611,299          | 712,150          | 709,999          | 722,964          | 734,948          | 745,575           | 748,239           | 748,214           |
| 6/30/2005 | 189,484          | 184,774          | 214,535          | 248,774          | 265,151          | 272,373          | 297,419          | 326,325          | 398,855           | 420,952           | 414,888           |
| 6/30/2006 | 120,992          | 243,416          | 332,255          | 375,624          | 424,193          | 422,802          | 443,045          | 443,845          | 443,845           | 443,862           | 456,963           |
| 6/30/2007 | 59,109           | 55,588           | 81,522           | 66,211           | 82,039           | 92,763           | 94,702           | 99,919           | 99,919            | 101,069           | 101,530           |
| 6/30/2008 | 105,245          | 169,064          | 328,667          | 390,006          | 539,071          | 803,966          | 806,558          | 806,558          | 973,296           | 1,010,679         | 1,010,679         |
| 6/30/2009 | 89,300           | 265,798          | 459,972          | 537,165          | 539,116          | 542,152          | 543,899          | 543,899          | 543,901           | 543,901           | 543,901           |
| 6/30/2010 | 73,488           | 195,676          | 319,554          | 331,150          | 331,855          | 336,126          | 340,292          | 340,292          | 340,292           | 339,874           | 339,874           |
| 6/30/2011 | 66,372           | 192,071          | 369,847          | 344,953          | 357,496          | 367,341          | 372,944          | 442,227          | 460,572           | 461,607           | 461,607           |
| 6/30/2012 | 103,341          | 231,350          | 469,625          | 539,360          | 571,398          | 593,861          | 612,766          | 613,289          | 613,289           | 613,289           | 613,289           |
| 6/30/2013 | 42,057           | 269,251          | 321,378          | 485,701          | 665,649          | 726,498          | 745,855          | 747,057          | 752,515           | 758,176           |                   |
| 6/30/2014 | 247,208          | 500,254          | 783,896          | 921,433          | 973,133          | 1,004,773        | 1,014,673        | 1,024,672        | 1,012,710         |                   |                   |
| 6/30/2015 | 87,686           | 190,307          | 388,942          | 857,644          | 1,248,928        | 1,278,082        | 1,316,709        | 1,317,562        |                   |                   |                   |
| 6/30/2016 | 166,668          | 176,814          | 178,333          | 326,666          | 423,988          | 572,316          | 607,550          |                  |                   |                   |                   |
| 6/30/2017 | 84,291           | 168,966          | 216,610          | 235,575          | 247,561          | 252,422          |                  |                  |                   |                   |                   |
| 6/30/2018 | 75,226           | 190,450          | 269,137          | 423,682          | 468,693          |                  |                  |                  |                   |                   |                   |
| 6/30/2019 | 70,770           | 167,868          | 273,062          | 707,349          |                  |                  |                  |                  |                   |                   |                   |
| 6/30/2020 | 165,176          | 344,326          | 455,516          |                  |                  |                  |                  |                  |                   |                   |                   |
| 6/30/2021 | 94,518           | 2,235,853        |                  |                  |                  |                  |                  |                  |                   |                   |                   |
| 6/30/2022 | 26,725           |                  |                  |                  |                  |                  |                  |                  |                   |                   |                   |

| A.Y.E     | <u>147 Months</u> | <u>159 Months</u> | <u>171 Months</u> | <u>183 Months</u> | <u>195 Months</u> | <u>207 Months</u> | <u>219 Months</u> | <u>231 Months</u> | <u>243 Months</u> |
|-----------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| 6/30/2003 | 816,571           | 816,571           | 816,571           | 816,571           | 816,571           | 816,571           | 816,571           | 816,571           | 816571            |
| 6/30/2004 | 748,214           | 759,324           | 759,324           | 759,324           | 759,324           | 759,324           | 759,324           | 759324            |                   |
| 6/30/2005 | 414,888           | 414,888           | 414,888           | 414,888           | 414,888           | 414,888           | 414888            |                   |                   |
| 6/30/2006 | 456,963           | 456,963           | 456,963           | 456,963           | 456,963           | 456963            |                   |                   |                   |
| 6/30/2007 | 101,530           | 101,530           | 101,530           | 101,530           | 101530            |                   |                   |                   |                   |
| 6/30/2008 | 1,010,679         | 1,010,679         | 1,010,679         | 1010679           |                   |                   |                   |                   |                   |
| 6/30/2009 | 558,401           | 559,431           | 559449            |                   |                   |                   |                   |                   |                   |
| 6/30/2010 | 350,874           | 350874            |                   |                   |                   |                   |                   |                   |                   |
| 6/30/2011 | 461,607           |                   |                   |                   |                   |                   |                   |                   |                   |

Premises / Operations (Subline Code 334)  
Manufacturers and Contractors  
Full Coverage  
MINNESOTA  
Property Damage - Occurrence  
Incurred Accident Year Incremental ALAE Development

|               | Increments   |              |              |              |              |              |              |               |                |                |                |                |                |
|---------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|---------------|----------------|----------------|----------------|----------------|----------------|
| <u>A.Y.E.</u> | <u>27:15</u> | <u>39:27</u> | <u>51:39</u> | <u>63:51</u> | <u>75:63</u> | <u>87:75</u> | <u>99:87</u> | <u>111:99</u> | <u>123:111</u> | <u>135:123</u> | <u>147:135</u> | <u>159:147</u> | <u>171:159</u> |
| 6/30/2003     | 192,576      | 305,483      | 134,246      | 55,545       | 68,148       | -87,080      | -8,492       | 26,279        | -24,982        | 7,500          | 25,498         | 0              | 0              |
| 6/30/2004     | 185,528      | 143,369      | 153,898      | 100,851      | -2,151       | 12,965       | 11,984       | 10,627        | 2,664          | -25            | 0              | 11,110         | 0              |
| 6/30/2005     | -4,710       | 29,761       | 34,239       | 16,377       | 7,222        | 25,046       | 28,906       | 72,530        | 22,097         | -6,064         | 0              | 0              | 0              |
| 6/30/2006     | 122,424      | 88,839       | 43,369       | 48,569       | -1,391       | 20,243       | 800          | 0             | 17             | 13,101         | 0              | 0              | 0              |
| 6/30/2007     | -3,521       | 25,934       | -15,311      | 15,828       | 10,724       | 1,939        | 5,217        | 0             | 1,150          | 461            | 0              | 0              | 0              |
| 6/30/2008     | 63,819       | 159,603      | 61,339       | 149,065      | 264,895      | 2,592        | 0            | 166,738       | 37,383         | 0              | 0              | 0              | 0              |
| 6/30/2009     | 176,498      | 194,174      | 77,193       | 1,951        | 3,036        | 1,747        | 0            | 2             | 0              | 0              | 14,500         | 1,030          | 18             |
| 6/30/2010     | 122,188      | 123,878      | 11,596       | 705          | 4,271        | 4,166        | 0            | 0             | -418           | 0              | 11,000         | 0              |                |
| 6/30/2011     | 125,699      | 177,776      | -24,894      | 12,543       | 9,845        | 5,603        | 69,283       | 18,345        | 1,035          | 0              | 0              |                |                |
| 6/30/2012     | 128,009      | 238,275      | 69,735       | 32,038       | 22,463       | 18,905       | 523          | 0             | 0              | 0              |                |                |                |
| 6/30/2013     | 227,194      | 52,127       | 164,323      | 179,948      | 60,849       | 19,357       | 1,202        | 5,458         | 5,661          |                |                |                |                |
| 6/30/2014     | 253,046      | 283,642      | 137,537      | 51,700       | 31,640       | 9,900        | 9,999        | -11,962       |                |                |                |                |                |
| 6/30/2015     | 102,621      | 198,635      | 468,702      | 391,284      | 29,154       | 38,627       | 853          |               |                |                |                |                |                |
| 6/30/2016     | 10,146       | 1,519        | 148,333      | 97,322       | 148,328      | 35,234       |              |               |                |                |                |                |                |
| 6/30/2017     | 84,675       | 47,644       | 18,965       | 11,986       | 4,861        |              |              |               |                |                |                |                |                |
| 6/30/2018     | 115,224      | 78,687       | 154,545      | 45,011       |              |              |              |               |                |                |                |                |                |
| 6/30/2019     | 97,098       | 105,194      | 434,287      |              |              |              |              |               |                |                |                |                |                |
| 6/30/2020     | 179,150      | 111,190      |              |              |              |              |              |               |                |                |                |                |                |
| 6/30/2021     | 2,141,335    |              |              |              |              |              |              |               |                |                |                |                |                |

| Incremental Percentages |              |              |              |              |              |              |              |               |                |                |                |                |                |
|-------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|---------------|----------------|----------------|----------------|----------------|----------------|
| <u>A.Y.E.</u>           | <u>27:15</u> | <u>39:27</u> | <u>51:39</u> | <u>63:51</u> | <u>75:63</u> | <u>87:75</u> | <u>99:87</u> | <u>111:99</u> | <u>123:111</u> | <u>135:123</u> | <u>147:135</u> | <u>159:147</u> | <u>171:159</u> |
| 6/30/2003               | 0.0711       | 0.1127       | 0.0495       | 0.0205       | 0.0251       | -0.0321      | -0.0031      | 0.0097        | -0.0092        | 0.0028         | 0.0094         | 0.0000         | 0.0000         |
| 6/30/2004               | 0.0734       | 0.0567       | 0.0609       | 0.0399       | -0.0009      | 0.0051       | 0.0047       | 0.0042        | 0.0011         | 0.0000         | 0.0000         | 0.0044         | 0.0000         |
| 6/30/2005               | -0.0021      | 0.0132       | 0.0151       | 0.0072       | 0.0032       | 0.0111       | 0.0128       | 0.0320        | 0.0098         | -0.0027        | 0.0000         | 0.0000         | 0.0000         |
| 6/30/2006               | 0.0673       | 0.0488       | 0.0238       | 0.0267       | -0.0008      | 0.0111       | 0.0004       | 0.0000        | 0.0000         | 0.0072         | 0.0000         | 0.0000         | 0.0000         |
| 6/30/2007               | -0.0019      | 0.0142       | -0.0084      | 0.0087       | 0.0059       | 0.0011       | 0.0029       | 0.0000        | 0.0006         | 0.0003         | 0.0000         | 0.0000         | 0.0000         |
| 6/30/2008               | 0.0211       | 0.0526       | 0.0202       | 0.0492       | 0.0874       | 0.0009       | 0.0000       | 0.0550        | 0.0123         | 0.0000         | 0.0000         | 0.0000         | 0.0000         |
| 6/30/2009               | 0.0725       | 0.0797       | 0.0317       | 0.0008       | 0.0012       | 0.0007       | 0.0000       | 0.0000        | 0.0000         | 0.0000         | 0.0060         | 0.0004         | 0.0000         |
| 6/30/2010               | 0.0448       | 0.0454       | 0.0042       | 0.0003       | 0.0016       | 0.0015       | 0.0000       | 0.0000        | -0.0002        | 0.0000         | 0.0040         | 0.0000         |                |
| 6/30/2011               | 0.0721       | 0.1020       | -0.0143      | 0.0072       | 0.0056       | 0.0032       | 0.0397       | 0.0105        | 0.0006         | 0.0000         | 0.0000         |                |                |
| 6/30/2012               | 0.0533       | 0.0992       | 0.0290       | 0.0133       | 0.0094       | 0.0079       | 0.0002       | 0.0000        | 0.0000         | 0.0000         |                |                |                |
| 6/30/2013               | 0.0724       | 0.0166       | 0.0524       | 0.0574       | 0.0194       | 0.0062       | 0.0004       | 0.0017        | 0.0018         |                |                |                |                |
| 6/30/2014               | 0.0745       | 0.0835       | 0.0405       | 0.0152       | 0.0093       | 0.0029       | 0.0029       | -0.0035       |                |                |                |                |                |
| 6/30/2015               | 0.0471       | 0.0912       | 0.2152       | 0.1796       | 0.0134       | 0.0177       | 0.0004       |               |                |                |                |                |                |
| 6/30/2016               | 0.0032       | 0.0005       | 0.0467       | 0.0306       | 0.0467       | 0.0111       |              |               |                |                |                |                |                |
| 6/30/2017               | 0.0405       | 0.0228       | 0.0091       | 0.0057       | 0.0023       |              |              |               |                |                |                |                |                |
| 6/30/2018               | 0.0264       | 0.0180       | 0.0354       | 0.0103       |              |              |              |               |                |                |                |                |                |
| 6/30/2019               | 0.0357       | 0.0387       | 0.1597       |              |              |              |              |               |                |                |                |                |                |
| 6/30/2020               | 0.0415       | 0.0258       |              |              |              |              |              |               |                |                |                |                |                |
| 6/30/2021               | 0.6786       |              |              |              |              |              |              |               |                |                |                |                |                |

|          |        |        |        |        |        |        |        |        |        |        |        |        |        |
|----------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Best 3/5 | 0.0392 | 0.0222 | 0.0806 | 0.0187 | 0.0140 | 0.0084 | 0.0012 | 0.0006 | 0.0002 | 0.0000 | 0.0013 | 0.0000 | 0.0000 |
|----------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|

Premises / Operations (Subline Code 334)  
Manufacturers and Contractors  
Full Coverage  
Multistate  
Bodily Injury - Occurrence  
Incurred Accident Year Basic Limits Loss Development Excluding ALAE

| \$100,000 Basic Limit Losses as of : |                  |                  |                  |                  |                  |                  |                  |                  |                   |                   |                   |
|--------------------------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-------------------|-------------------|-------------------|
| <u>A.Y.E.</u>                        | <u>15 Months</u> | <u>27 Months</u> | <u>39 Months</u> | <u>51 Months</u> | <u>63 Months</u> | <u>75 Months</u> | <u>87 Months</u> | <u>99 Months</u> | <u>111 Months</u> | <u>123 Months</u> | <u>135 Months</u> |
| 6/30/2003                            | 51,214,506       | 84,920,134       | 111,360,220      | 121,214,847      | 119,463,504      | 116,013,250      | 115,115,277      | 114,278,970      | 113,852,502       | 113,609,320       | 113,397,412       |
| 6/30/2004                            | 50,887,357       | 80,869,309       | 105,260,149      | 112,145,238      | 109,225,508      | 107,082,522      | 105,246,022      | 104,247,079      | 103,590,656       | 103,690,346       | 103,565,018       |
| 6/30/2005                            | 47,952,577       | 72,821,471       | 93,272,112       | 99,321,597       | 96,756,073       | 93,882,694       | 92,086,482       | 91,702,007       | 91,556,455        | 91,737,448        | 91,784,462        |
| 6/30/2006                            | 53,130,907       | 81,087,283       | 99,305,746       | 101,720,417      | 100,340,501      | 99,344,363       | 100,179,700      | 99,752,274       | 98,933,374        | 98,609,953        | 98,126,666        |
| 6/30/2007                            | 53,052,090       | 75,717,237       | 94,581,241       | 98,775,923       | 98,271,118       | 97,699,205       | 96,948,492       | 97,142,809       | 97,107,421        | 96,835,312        | 96,859,631        |
| 6/30/2008                            | 57,662,024       | 85,326,648       | 107,974,339      | 114,371,630      | 113,992,402      | 112,993,074      | 112,976,562      | 112,230,999      | 111,917,467       | 111,992,423       | 112,196,305       |
| 6/30/2009                            | 57,260,429       | 88,425,800       | 108,727,709      | 116,889,927      | 117,635,327      | 117,416,638      | 117,249,627      | 116,554,588      | 116,258,318       | 116,227,266       | 116,456,812       |
| 6/30/2010                            | 64,205,627       | 88,508,412       | 113,342,783      | 119,368,039      | 121,565,081      | 120,059,560      | 119,424,714      | 119,504,444      | 119,701,857       | 119,560,732       | 119,652,513       |
| 6/30/2011                            | 62,659,055       | 95,861,557       | 120,316,355      | 132,424,563      | 131,056,943      | 129,013,790      | 128,696,073      | 128,416,762      | 128,264,143       | 127,901,196       | 127,777,829       |
| 6/30/2012                            | 60,503,260       | 88,152,362       | 110,950,767      | 116,364,287      | 115,731,879      | 115,271,022      | 115,209,244      | 115,213,987      | 115,383,055       | 115,246,636       | 114,936,115       |
| 6/30/2013                            | 51,459,157       | 84,511,338       | 103,270,863      | 109,190,105      | 112,578,694      | 112,146,502      | 111,959,763      | 111,951,128      | 111,874,002       | 111,527,702       |                   |
| 6/30/2014                            | 63,688,112       | 94,841,246       | 123,638,561      | 135,302,680      | 135,466,779      | 135,053,255      | 134,552,068      | 134,148,685      | 133,647,175       |                   |                   |
| 6/30/2015                            | 54,018,286       | 85,237,028       | 114,366,000      | 124,147,701      | 126,030,105      | 126,450,369      | 125,949,100      | 125,104,299      |                   |                   |                   |
| 6/30/2016                            | 48,287,450       | 78,948,242       | 107,219,768      | 117,034,012      | 119,068,859      | 119,474,376      | 119,748,329      |                  |                   |                   |                   |
| 6/30/2017                            | 53,329,792       | 82,368,963       | 109,743,250      | 119,438,460      | 121,673,438      | 123,283,169      |                  |                  |                   |                   |                   |
| 6/30/2018                            | 56,656,119       | 95,098,009       | 120,912,749      | 133,045,699      | 135,988,433      |                  |                  |                  |                   |                   |                   |
| 6/30/2019                            | 57,609,576       | 92,688,857       | 116,798,497      | 130,904,699      |                  |                  |                  |                  |                   |                   |                   |
| 6/30/2020                            | 55,200,086       | 79,793,450       | 102,427,442      |                  |                  |                  |                  |                  |                   |                   |                   |
| 6/30/2021                            | 55,741,792       | 81,967,656       |                  |                  |                  |                  |                  |                  |                   |                   |                   |
| 6/30/2022                            | 50,449,575       |                  |                  |                  |                  |                  |                  |                  |                   |                   |                   |

  

| <u>A.Y.E</u> | <u>147 Months</u> | <u>159 Months</u> | <u>171 Months</u> | <u>183 Months</u> | <u>195 Months</u> | <u>207 Months</u> | <u>219 Months</u> | <u>231 Months</u> | <u>243 Months</u> |
|--------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| 6/30/2003    | 113,709,005       | 113,596,574       | 113,340,962       | 113,318,885       | 113,315,388       | 113,421,987       | 113,494,164       | 113,495,647       | 113,461,135       |
| 6/30/2004    | 103,760,948       | 103,899,891       | 103,964,005       | 104,055,719       | 104,156,319       | 104,208,470       | 104,173,133       | 104,156,550       |                   |
| 6/30/2005    | 91,929,460        | 91,902,999        | 91,897,705        | 91,901,201        | 91,912,535        | 91,881,868        | 91,860,749        |                   |                   |
| 6/30/2006    | 98,192,162        | 98,529,037        | 98,491,436        | 98,639,046        | 98,547,379        | 98,522,519        |                   |                   |                   |
| 6/30/2007    | 96,739,975        | 96,903,323        | 97,045,932        | 96,948,715        | 96,941,517        |                   |                   |                   |                   |
| 6/30/2008    | 112,328,347       | 112,604,641       | 112,520,350       | 112,570,226       |                   |                   |                   |                   |                   |
| 6/30/2009    | 116,558,470       | 116,992,169       | 116,693,525       |                   |                   |                   |                   |                   |                   |
| 6/30/2010    | 119,561,194       | 119,636,221       |                   |                   |                   |                   |                   |                   |                   |
| 6/30/2011    | 127,903,741       |                   |                   |                   |                   |                   |                   |                   |                   |

Premises / Operations (Subline Code 334)  
Manufacturers and Contractors  
Full Coverage  
Multistate  
Bodily Injury - Occurrence  
Incurred Accident Year Basic Limits Loss Development Excluding ALAE

|           | Link Ratios  |              |              |              |              |              |              |               |                |                |                |
|-----------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|---------------|----------------|----------------|----------------|
| A.Y.E.    | <u>27:15</u> | <u>39:27</u> | <u>51:39</u> | <u>63:51</u> | <u>75:63</u> | <u>87:75</u> | <u>99:87</u> | <u>111:99</u> | <u>123:111</u> | <u>135:123</u> | <u>147:135</u> |
| 6/30/2003 | 1.658        | 1.311        | 1.088        | 0.986        | 0.971        | 0.992        | 0.993        | 0.996         | 0.998          | 0.998          | 1.003          |
| 6/30/2004 | 1.589        | 1.302        | 1.065        | 0.974        | 0.980        | 0.983        | 0.991        | 0.994         | 1.001          | 0.999          | 1.002          |
| 6/30/2005 | 1.519        | 1.281        | 1.065        | 0.974        | 0.970        | 0.981        | 0.996        | 0.998         | 1.002          | 1.001          | 1.002          |
| 6/30/2006 | 1.526        | 1.225        | 1.024        | 0.986        | 0.990        | 1.008        | 0.996        | 0.992         | 0.997          | 0.995          | 1.001          |
| 6/30/2007 | 1.427        | 1.249        | 1.044        | 0.995        | 0.994        | 0.992        | 1.002        | 1.000         | 0.997          | 1.000          | 0.999          |
| 6/30/2008 | 1.480        | 1.265        | 1.059        | 0.997        | 0.991        | 1.000        | 0.993        | 0.997         | 1.001          | 1.002          | 1.001          |
| 6/30/2009 | 1.544        | 1.230        | 1.075        | 1.006        | 0.998        | 0.999        | 0.994        | 0.997         | 1.000          | 1.002          | 1.001          |
| 6/30/2010 | 1.379        | 1.281        | 1.053        | 1.018        | 0.988        | 0.995        | 1.001        | 1.002         | 0.999          | 1.001          | 0.999          |
| 6/30/2011 | 1.530        | 1.255        | 1.101        | 0.990        | 0.984        | 0.998        | 0.998        | 0.999         | 0.997          | 0.999          | 1.001          |
| 6/30/2012 | 1.457        | 1.259        | 1.049        | 0.995        | 0.996        | 0.999        | 1.000        | 1.001         | 0.999          | 0.997          |                |
| 6/30/2013 | 1.642        | 1.222        | 1.057        | 1.031        | 0.996        | 0.998        | 1.000        | 0.999         | 0.997          |                |                |
| 6/30/2014 | 1.489        | 1.304        | 1.094        | 1.001        | 0.997        | 0.996        | 0.997        | 0.996         |                |                |                |
| 6/30/2015 | 1.578        | 1.342        | 1.086        | 1.015        | 1.003        | 0.996        | 0.993        |               |                |                |                |
| 6/30/2016 | 1.635        | 1.358        | 1.092        | 1.017        | 1.003        | 1.002        |              |               |                |                |                |
| 6/30/2017 | 1.545        | 1.332        | 1.088        | 1.019        | 1.013        |              |              |               |                |                |                |
| 6/30/2018 | 1.679        | 1.271        | 1.100        | 1.022        |              |              |              |               |                |                |                |
| 6/30/2019 | 1.609        | 1.260        | 1.121        |              |              |              |              |               |                |                |                |
| 6/30/2020 | 1.446        | 1.284        |              |              |              |              |              |               |                |                |                |
| 6/30/2021 | 1.470        |              |              |              |              |              |              |               |                |                |                |

| A.Y.E.    | <u>159:147</u> | <u>171:159</u> | <u>183:171</u> | <u>195:183</u> | <u>207:195</u> | <u>219:207</u> | <u>231:219</u> | <u>243:231</u> |  |  |  |
|-----------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|--|--|--|
| 6/30/2003 | 0.999          | 0.998          | 1.000          | 1.000          | 1.001          | 1.001          | 1.000          | 1.000          |  |  |  |
| 6/30/2004 | 1.001          | 1.001          | 1.001          | 1.001          | 1.001          | 1.001          | 1.000          | <b>1.000</b>   |  |  |  |
| 6/30/2005 | 1.000          | 1.000          | 1.000          | 1.000          | 1.000          | 1.000          | <b>1.000</b>   | <b>1.000</b>   |  |  |  |
| 6/30/2006 | 1.003          | 1.000          | 1.001          | 0.999          | 1.000          | <b>1.000</b>   | <b>1.000</b>   | <b>1.000</b>   |  |  |  |
| 6/30/2007 | 1.002          | 1.001          | 0.999          | 1.000          | <b>1.000</b>   | <b>1.000</b>   | <b>1.000</b>   | <b>1.000</b>   |  |  |  |
| 6/30/2008 | 1.002          | 0.999          | 1.000          |                |                |                |                |                |  |  |  |
| 6/30/2009 | 1.004          | 0.997          |                |                |                |                |                |                |  |  |  |
| 6/30/2010 | 1.001          |                |                |                |                |                |                |                |  |  |  |
| 3 Yr Mean | 1.002          | 0.999          | 1.000          | 1.000          | 1.000          | 1.000          | 1.000          | 1.000          |  |  |  |
| Best 3/5  | 1.002          | 1.000          | 1.000          | 1.000          | <b>1.000</b>   | <b>1.000</b>   | <b>1.000</b>   | <b>1.000</b>   |  |  |  |

|           | Development From |                |                |                |                |                |                |                |                |                |                |
|-----------|------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| A.Y.E.    | <u>15/ 27</u>    | <u>27/ 39</u>  | <u>39/ 51</u>  | <u>51/ 63</u>  | <u>63/ 75</u>  | <u>75/ 87</u>  | <u>87/ 99</u>  | <u>99/111</u>  | <u>111/123</u> | <u>123/135</u> | <u>135/147</u> |
| 6/30/2018 |                  |                |                |                | 1.001          | 0.998          | 0.998          | 1.000          | 0.998          | 1.001          | 1.000          |
| 6/30/2019 |                  |                |                | 1.017          | 1.001          | 0.998          | 0.998          | 1.000          | 0.998          | 1.001          | 1.000          |
| 6/30/2020 |                  |                | 1.093          | 1.017          | 1.001          | 0.998          | 0.998          | 1.000          | 0.998          | 1.001          | 1.000          |
| 6/30/2021 |                  | 1.296          | 1.093          | 1.017          | 1.001          | 0.998          | 0.998          | 1.000          | 0.998          | 1.001          | 1.000          |
| 6/30/2022 | 1.541            | 1.296          | 1.093          | 1.017          | 1.001          | 0.998          | 0.998          | 1.000          | 0.998          | 1.001          | 1.000          |
|           |                  |                |                |                |                |                |                |                |                |                |                |
| A.Y.E     | <u>147/159</u>   | <u>159/171</u> | <u>171/183</u> | <u>183/195</u> | <u>195/207</u> | <u>207/219</u> | <u>219/231</u> | <u>231/243</u> | <u>243/U1t</u> | FACTORS        |                |
| 6/30/2018 | 1.002            | 1.000          | 1.000          | 1.000          | 1.000          | 1.000          | 1.000          | 1.000          | <b>1.000</b>   |                | 0.998          |
| 6/30/2019 | 1.002            | 1.000          | 1.000          | 1.000          | 1.000          | 1.000          | 1.000          | 1.000          | <b>1.000</b>   |                | 1.015          |
| 6/30/2020 | 1.002            | 1.000          | 1.000          | 1.000          | 1.000          | 1.000          | 1.000          | 1.000          | <b>1.000</b>   |                | 1.109          |
| 6/30/2021 | 1.002            | 1.000          | 1.000          | 1.000          | 1.000          | 1.000          | 1.000          | 1.000          | <b>1.000</b>   |                | 1.438          |
| 6/30/2022 | 1.002            | 1.000          | 1.000          | 1.000          | 1.000          | 1.000          | 1.000          | 1.000          | <b>1.000</b>   |                | 2.216          |

**Bold - Calculated Using Modified Bondy Method**

*Italics - Three year mean Excludes Modified Bondy ratios*

Premises / Operations (Subline Code 334)  
Manufacturers and Contractors  
Deductible  
Multistate  
Bodily Injury - Occurrence  
Incurred Accident Year Basic Limits Loss Development Excluding ALAE

| \$100,000 Basic Limit Losses as of : |                  |                  |                  |                  |                  |                  |                  |                  |                   |                   |                   |
|--------------------------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-------------------|-------------------|-------------------|
| <u>A.Y.E.</u>                        | <u>15 Months</u> | <u>27 Months</u> | <u>39 Months</u> | <u>51 Months</u> | <u>63 Months</u> | <u>75 Months</u> | <u>87 Months</u> | <u>99 Months</u> | <u>111 Months</u> | <u>123 Months</u> | <u>135 Months</u> |
| 6/30/2003                            | 6,224,220        | 9,170,760        | 12,202,511       | 13,801,713       | 14,261,652       | 13,121,969       | 13,212,359       | 12,988,641       | 12,987,583        | 12,802,732        | 12,773,475        |
| 6/30/2004                            | 5,993,034        | 10,764,838       | 13,752,820       | 14,998,624       | 13,901,668       | 14,258,823       | 13,153,701       | 13,422,572       | 13,100,743        | 13,048,021        | 12,904,021        |
| 6/30/2005                            | 6,164,440        | 11,031,909       | 13,049,855       | 13,204,573       | 14,104,532       | 13,495,848       | 13,030,721       | 12,724,321       | 12,462,159        | 12,281,897        | 12,337,005        |
| 6/30/2006                            | 8,216,173        | 12,119,083       | 16,035,306       | 17,843,997       | 16,793,807       | 16,540,480       | 16,588,172       | 16,454,417       | 16,444,870        | 16,259,464        | 16,505,392        |
| 6/30/2007                            | 8,500,641        | 12,510,796       | 15,122,258       | 17,254,580       | 16,859,551       | 16,931,782       | 16,578,769       | 16,740,810       | 16,881,540        | 16,981,465        | 16,975,030        |
| 6/30/2008                            | 9,601,740        | 12,909,800       | 16,296,997       | 17,495,314       | 17,779,633       | 17,014,908       | 17,356,541       | 17,195,205       | 17,273,269        | 17,298,605        | 17,206,115        |
| 6/30/2009                            | 6,199,036        | 12,099,115       | 14,345,335       | 14,892,939       | 15,973,969       | 15,653,116       | 15,817,521       | 15,754,232       | 15,722,293        | 15,848,980        | 16,044,376        |
| 6/30/2010                            | 9,790,410        | 12,794,072       | 15,404,894       | 17,036,772       | 17,487,061       | 18,129,437       | 17,765,439       | 17,424,445       | 17,425,368        | 17,323,368        | 17,309,488        |
| 6/30/2011                            | 9,883,714        | 14,219,188       | 17,890,504       | 19,591,993       | 19,484,465       | 19,530,270       | 19,497,072       | 19,273,221       | 19,327,818        | 19,300,719        | 19,300,718        |
| 6/30/2012                            | 7,954,666        | 14,630,255       | 19,121,250       | 20,200,268       | 20,544,885       | 20,510,072       | 20,713,045       | 20,649,383       | 20,799,052        | 20,694,557        | 20,958,552        |
| 6/30/2013                            | 8,338,342        | 14,489,877       | 16,392,790       | 18,466,266       | 18,620,343       | 18,650,143       | 18,461,769       | 18,462,930       | 18,421,079        | 18,618,012        |                   |
| 6/30/2014                            | 11,414,510       | 17,709,748       | 21,538,527       | 25,261,563       | 25,655,784       | 25,845,608       | 25,885,647       | 25,915,555       | 25,734,797        |                   |                   |
| 6/30/2015                            | 8,931,693        | 16,001,169       | 22,305,422       | 25,799,034       | 25,965,947       | 26,409,148       | 25,862,289       | 25,887,928       |                   |                   |                   |
| 6/30/2016                            | 9,575,886        | 15,457,445       | 22,094,506       | 24,414,226       | 24,653,236       | 24,146,955       | 23,889,269       |                  |                   |                   |                   |
| 6/30/2017                            | 10,433,991       | 16,423,158       | 22,133,928       | 25,767,854       | 25,673,846       | 26,187,824       |                  |                  |                   |                   |                   |
| 6/30/2018                            | 12,375,197       | 20,504,154       | 28,187,504       | 30,915,540       | 30,005,655       |                  |                  |                  |                   |                   |                   |
| 6/30/2019                            | 9,998,477        | 17,855,224       | 23,387,504       | 25,289,152       |                  |                  |                  |                  |                   |                   |                   |
| 6/30/2020                            | 7,939,459        | 12,443,374       | 16,220,402       |                  |                  |                  |                  |                  |                   |                   |                   |
| 6/30/2021                            | 7,734,143        | 12,925,340       |                  |                  |                  |                  |                  |                  |                   |                   |                   |
| 6/30/2022                            | 8,650,185        |                  |                  |                  |                  |                  |                  |                  |                   |                   |                   |

  

| <u>A.Y.E.</u> | <u>147 Months</u> | <u>159 Months</u> | <u>171 Months</u> | <u>183 Months</u> | <u>195 Months</u> | <u>207 Months</u> | <u>219 Months</u> | <u>231 Months</u> | <u>243 Months</u> |
|---------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| 6/30/2003     | 12,955,975        | 12,850,612        | 12,850,612        | 12,850,612        | 12,850,612        | 12,850,612        | 12,850,612        | 12,850,612        | 12,850,612        |
| 6/30/2004     | 12,895,603        | 12,965,603        | 12,890,603        | 12,925,603        | 12,925,603        | 12,925,603        | 12,925,603        | 12,925,603        |                   |
| 6/30/2005     | 12,302,178        | 12,276,545        | 12,354,045        | 12,354,045        | 12,354,045        | 12,354,045        | 12,354,045        |                   |                   |
| 6/30/2006     | 16,570,394        | 16,511,092        | 16,511,093        | 16,511,093        | 16,511,092        | 16,511,092        |                   |                   |                   |
| 6/30/2007     | 17,242,045        | 17,239,144        | 17,237,795        | 17,237,795        | 17,233,795        |                   |                   |                   |                   |
| 6/30/2008     | 17,115,615        | 17,115,699        | 17,123,032        | 17,121,449        |                   |                   |                   |                   |                   |
| 6/30/2009     | 15,900,976        | 15,908,309        | 15,901,533        |                   |                   |                   |                   |                   |                   |
| 6/30/2010     | 17,312,039        | 17,317,289        |                   |                   |                   |                   |                   |                   |                   |
| 6/30/2011     | 19,400,718        |                   |                   |                   |                   |                   |                   |                   |                   |

Premises / Operations (Subline Code 334)  
 Manufacturers and Contractors  
 Deductible  
 Multistate  
 Bodily Injury - Occurrence  
 Incurred Accident Year Basic Limits Loss Development Excluding ALAE

|           | Link Ratios  |              |              |              |              |              |              |               |                |                |                |
|-----------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|---------------|----------------|----------------|----------------|
| A.Y.E.    | <u>27:15</u> | <u>39:27</u> | <u>51:39</u> | <u>63:51</u> | <u>75:63</u> | <u>87:75</u> | <u>99:87</u> | <u>111:99</u> | <u>123:111</u> | <u>135:123</u> | <u>147:135</u> |
| 6/30/2003 | 1.473        | 1.331        | 1.131        | 1.033        | 0.920        | 1.007        | 0.983        | 1.000         | 0.986          | 0.998          | 1.014          |
| 6/30/2004 | 1.796        | 1.278        | 1.091        | 0.927        | 1.026        | 0.922        | 1.020        | 0.976         | 0.996          | 0.989          | 0.999          |
| 6/30/2005 | 1.790        | 1.183        | 1.012        | 1.068        | 0.957        | 0.966        | 0.976        | 0.979         | 0.986          | 1.004          | 0.997          |
| 6/30/2006 | 1.475        | 1.323        | 1.113        | 0.941        | 0.985        | 1.003        | 0.992        | 0.999         | 0.989          | 1.015          | 1.004          |
| 6/30/2007 | 1.472        | 1.209        | 1.141        | 0.977        | 1.004        | 0.979        | 1.010        | 1.008         | 1.006          | 1.000          | 1.016          |
| 6/30/2008 | 1.345        | 1.262        | 1.074        | 1.016        | 0.957        | 1.020        | 0.991        | 1.005         | 1.001          | 0.995          | 0.995          |
| 6/30/2009 | 1.952        | 1.186        | 1.038        | 1.073        | 0.980        | 1.011        | 0.996        | 0.998         | 1.008          | 1.012          | 0.991          |
| 6/30/2010 | 1.307        | 1.204        | 1.106        | 1.026        | 1.037        | 0.980        | 0.981        | 1.000         | 0.994          | 0.999          | 1.000          |
| 6/30/2011 | 1.439        | 1.258        | 1.095        | 0.995        | 1.002        | 0.998        | 0.989        | 1.003         | 0.999          | 1.000          | 1.005          |
| 6/30/2012 | 1.839        | 1.307        | 1.056        | 1.017        | 0.998        | 1.010        | 0.997        | 1.007         | 0.995          | 1.013          |                |
| 6/30/2013 | 1.738        | 1.131        | 1.126        | 1.008        | 1.002        | 0.990        | 1.000        | 0.998         | 1.011          |                |                |
| 6/30/2014 | 1.552        | 1.216        | 1.173        | 1.016        | 1.007        | 1.002        | 1.001        | 0.993         |                |                |                |
| 6/30/2015 | 1.792        | 1.394        | 1.157        | 1.006        | 1.017        | 0.979        | 1.001        |               |                |                |                |
| 6/30/2016 | 1.614        | 1.429        | 1.105        | 1.010        | 0.979        | 0.989        |              |               |                |                |                |
| 6/30/2017 | 1.574        | 1.348        | 1.164        | 0.996        | 1.020        |              |              |               |                |                |                |
| 6/30/2018 | 1.657        | 1.375        | 1.097        | 0.971        |              |              |              |               |                |                |                |
| 6/30/2019 | 1.786        | 1.310        | 1.081        |              |              |              |              |               |                |                |                |
| 6/30/2020 | 1.567        | 1.304        |              |              |              |              |              |               |                |                |                |
| 6/30/2021 | 1.671        |              |              |              |              |              |              |               |                |                |                |

| A.Y.E.    | <u>159:147</u> | <u>171:159</u> | <u>183:171</u> | <u>195:183</u> | <u>207:195</u> | <u>219:207</u> | <u>231:219</u> | <u>243:231</u> |  |  |
|-----------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|--|--|
| 6/30/2003 | 0.992          | 1.000          | 1.000          | 1.000          | 1.000          | 1.000          | 1.000          | 1.000          |  |  |
| 6/30/2004 | 1.005          | 0.994          | 1.003          | 1.000          | 1.000          | 1.000          | 1.000          | <b>1.000</b>   |  |  |
| 6/30/2005 | 0.998          | 1.006          | 1.000          | 1.000          | 1.000          | 1.000          | <b>1.000</b>   | <b>1.000</b>   |  |  |
| 6/30/2006 | 0.996          | 1.000          | 1.000          | 1.000          | 1.000          | <b>1.000</b>   | <b>1.000</b>   | <b>1.000</b>   |  |  |
| 6/30/2007 | 1.000          | 1.000          | 1.000          | 1.000          | <b>1.000</b>   | <b>1.000</b>   | <b>1.000</b>   | <b>1.000</b>   |  |  |
| 6/30/2008 | 1.000          | 1.000          | 1.000          |                |                |                |                |                |  |  |
| 6/30/2009 | 1.000          | 1.000          |                |                |                |                |                |                |  |  |
| 6/30/2010 | 1.000          |                |                |                |                |                |                |                |  |  |
| 3 Yr Mean | 1.000          | 1.000          | 1.000          | 1.000          | 1.000          | 1.000          | 1.000          | 1.000          |  |  |
| Best 3/5  | 1.000          | 1.000          | 1.000          | 1.000          | <b>1.000</b>   | <b>1.000</b>   | <b>1.000</b>   | <b>1.000</b>   |  |  |

| Development From |                |                |                |                |                |                |                |                |                |                |                |
|------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| A.Y.E.           | <u>15/ 27</u>  | <u>27/ 39</u>  | <u>39/ 51</u>  | <u>51/ 63</u>  | <u>63/ 75</u>  | <u>75/ 87</u>  | <u>87/ 99</u>  | <u>99/111</u>  | <u>111/123</u> | <u>123/135</u> | <u>135/147</u> |
| 6/30/2018        |                |                |                |                | 1.009          | 0.994          | 0.999          | 1.000          | 1.001          | 1.004          | 1.000          |
| 6/30/2019        |                |                |                | 1.004          | 1.009          | 0.994          | 0.999          | 1.000          | 1.001          | 1.004          | 1.000          |
| 6/30/2020        |                |                | 1.120          | 1.004          | 1.009          | 0.994          | 0.999          | 1.000          | 1.001          | 1.004          | 1.000          |
| 6/30/2021        |                | 1.344          | 1.120          | 1.004          | 1.009          | 0.994          | 0.999          | 1.000          | 1.001          | 1.004          | 1.000          |
| 6/30/2022        | 1.634          | 1.344          | 1.120          | 1.004          | 1.009          | 0.994          | 0.999          | 1.000          | 1.001          | 1.004          | 1.000          |
|                  |                |                |                |                |                |                |                |                |                |                |                |
| A.Y.E            | <u>147/159</u> | <u>159/171</u> | <u>171/183</u> | <u>183/195</u> | <u>195/207</u> | <u>207/219</u> | <u>219/231</u> | <u>231/243</u> | <u>243/Ult</u> | FACTORS        |                |
| 6/30/2018        | 1.000          | 1.000          | 1.000          | 1.000          | 1.000          | 1.000          | 1.000          | 1.000          | <b>1.000</b>   |                | 1.007          |
| 6/30/2019        | 1.000          | 1.000          | 1.000          | 1.000          | 1.000          | 1.000          | 1.000          | 1.000          | <b>1.000</b>   |                | 1.011          |
| 6/30/2020        | 1.000          | 1.000          | 1.000          | 1.000          | 1.000          | 1.000          | 1.000          | 1.000          | <b>1.000</b>   |                | 1.132          |
| 6/30/2021        | 1.000          | 1.000          | 1.000          | 1.000          | 1.000          | 1.000          | 1.000          | 1.000          | <b>1.000</b>   |                | 1.522          |
| 6/30/2022        | 1.000          | 1.000          | 1.000          | 1.000          | 1.000          | 1.000          | 1.000          | 1.000          | <b>1.000</b>   |                | 2.487          |

**Bold - Calculated Using Modified Bondy Method**

*Italics - Three year mean Excludes Modified Bondy ratios*



Premises / Operations (Subline Code 334)  
 Manufacturers and Contractors  
 Full Coverage  
 Multistate  
 Bodily Injury - Occurrence  
 Incurred Accident Year ALAE Development

| A.Y.E.    | <u>15 Months</u>  | <u>27 Months</u>  | <u>39 Months</u>  | <u>51 Months</u>  | <u>63 Months</u>  | <u>75 Months</u>  | <u>87 Months</u>  | <u>99 Months</u>  | <u>111 Months</u> | <u>123 Months</u> | <u>135 Months</u> |
|-----------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| 6/30/2003 | 7,975,970         | 21,891,691        | 42,069,932        | 58,874,087        | 68,016,687        | 74,416,343        | 77,189,655        | 78,161,354        | 79,397,549        | 80,029,887        | 80,158,230        |
| 6/30/2004 | 6,891,784         | 17,435,982        | 35,271,505        | 50,806,942        | 59,136,025        | 65,917,140        | 68,223,901        | 69,351,767        | 69,970,568        | 70,698,631        | 70,924,497        |
| 6/30/2005 | 7,087,369         | 16,940,338        | 32,837,358        | 46,037,226        | 54,816,279        | 58,276,261        | 60,120,058        | 61,105,275        | 62,427,071        | 62,687,723        | 62,951,690        |
| 6/30/2006 | 5,918,309         | 18,965,266        | 37,296,312        | 50,646,693        | 61,256,402        | 65,287,067        | 68,567,805        | 70,097,040        | 70,583,703        | 70,999,441        | 71,170,852        |
| 6/30/2007 | 6,837,842         | 17,533,814        | 34,672,861        | 49,160,545        | 56,803,400        | 60,864,585        | 63,384,458        | 64,603,957        | 64,927,305        | 65,186,260        | 65,177,349        |
| 6/30/2008 | 6,784,168         | 18,569,811        | 40,048,046        | 59,383,357        | 71,130,521        | 76,950,755        | 81,379,942        | 82,769,876        | 83,752,931        | 84,345,370        | 84,717,894        |
| 6/30/2009 | 7,444,377         | 19,830,227        | 39,801,275        | 58,018,446        | 69,687,780        | 79,113,064        | 81,414,596        | 82,472,642        | 83,092,745        | 83,575,351        | 84,712,898        |
| 6/30/2010 | 8,312,356         | 21,377,665        | 46,511,172        | 71,572,683        | 82,711,190        | 87,524,662        | 90,065,760        | 92,169,453        | 92,751,194        | 92,967,961        | 93,403,624        |
| 6/30/2011 | 8,510,500         | 28,479,383        | 51,179,514        | 72,982,527        | 84,754,451        | 97,332,385        | 98,546,711        | 99,846,684        | 100,183,883       | 100,826,339       | 100,846,356       |
| 6/30/2012 | 9,644,651         | 24,109,472        | 47,127,817        | 66,128,367        | 79,727,122        | 85,143,466        | 90,336,246        | 91,161,922        | 91,840,679        | 92,808,241        | 93,488,710        |
| 6/30/2013 | 8,999,257         | 24,821,178        | 47,067,873        | 67,441,941        | 78,706,001        | 85,202,770        | 87,944,645        | 88,688,488        | 90,028,769        | 90,356,439        |                   |
| 6/30/2014 | 10,632,387        | 26,968,589        | 54,678,483        | 77,812,162        | 89,809,301        | 97,335,698        | 100,027,019       | 101,110,716       | 101,697,406       |                   |                   |
| 6/30/2015 | 10,904,147        | 24,573,085        | 49,354,978        | 69,199,266        | 79,472,947        | 85,409,996        | 88,456,500        | 90,410,349        |                   |                   |                   |
| 6/30/2016 | 9,139,733         | 25,795,816        | 46,648,451        | 68,160,462        | 82,852,394        | 90,705,445        | 96,720,271        |                   |                   |                   |                   |
| 6/30/2017 | 9,382,652         | 25,131,546        | 50,295,853        | 68,476,546        | 83,320,726        | 93,750,973        |                   |                   |                   |                   |                   |
| 6/30/2018 | 9,898,329         | 27,319,257        | 53,087,005        | 73,956,178        | 90,286,101        |                   |                   |                   |                   |                   |                   |
| 6/30/2019 | 9,728,961         | 28,266,098        | 55,083,048        | 80,258,365        |                   |                   |                   |                   |                   |                   |                   |
| 6/30/2020 | 10,866,126        | 25,666,630        | 47,831,014        |                   |                   |                   |                   |                   |                   |                   |                   |
| 6/30/2021 | 9,052,734         | 21,623,531        |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| 6/30/2022 | 10,930,353        |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |
|           | <u>147 Months</u> | <u>159 Months</u> | <u>171 Months</u> | <u>183 Months</u> | <u>195 Months</u> | <u>207 Months</u> | <u>219 Months</u> | <u>231 Months</u> | <u>243 Months</u> |                   |                   |
| 6/30/2003 | 80,438,849        | 80,899,707        | 80,991,656        | 81,168,953        | 81,151,670        | 81,178,735        | 81,238,681        | 81,290,317        | 81,275,607        |                   |                   |
| 6/30/2004 | 70,966,512        | 70,924,462        | 70,967,324        | 70,593,264        | 70,594,729        | 70,593,789        | 70,594,768        | 70,597,876        |                   |                   |                   |
| 6/30/2005 | 63,087,097        | 63,652,917        | 63,774,501        | 64,024,023        | 64,221,846        | 64,254,879        | 64,278,530        |                   |                   |                   |                   |
| 6/30/2006 | 71,283,686        | 71,649,828        | 71,651,494        | 71,670,070        | 71,677,022        | 71,728,540        |                   |                   |                   |                   |                   |
| 6/30/2007 | 65,359,430        | 65,387,783        | 65,543,144        | 65,487,068        | 65,501,730        |                   |                   |                   |                   |                   |                   |
| 6/30/2008 | 84,631,560        | 85,307,587        | 85,662,829        | 85,910,334        |                   |                   |                   |                   |                   |                   |                   |
| 6/30/2009 | 84,779,018        | 84,947,114        | 85,186,540        |                   |                   |                   |                   |                   |                   |                   |                   |
| 6/30/2010 | 93,225,157        | 93,310,118        |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| 6/30/2011 | 101,068,702       |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |

Premises / Operations (Subline Code 334)  
 Manufacturers and Contractors  
 Full Coverage  
 Multistate  
 Bodily Injury - Occurrence  
 Incurred Accident Year Incremental ALAE Development

| Increments |              |              |              |              |              |              |              |               |                |                |                |                |                |
|------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|---------------|----------------|----------------|----------------|----------------|----------------|
| A.Y.E.     | <u>27:15</u> | <u>39:27</u> | <u>51:39</u> | <u>63:51</u> | <u>75:63</u> | <u>87:75</u> | <u>99:87</u> | <u>111:99</u> | <u>123:111</u> | <u>135:123</u> | <u>147:135</u> | <u>159:147</u> | <u>171:159</u> |
| 6/30/2003  | 13,915,721   | 20,178,241   | 16,804,155   | 9,142,600    | 6,399,656    | 2,773,312    | 971,699      | 1,236,195     | 632,338        | 128,343        | 280,619        | 460,858        | 91,949         |
| 6/30/2004  | 10,544,198   | 17,835,523   | 15,535,437   | 8,329,083    | 6,781,115    | 2,306,761    | 1,127,866    | 618,801       | 728,063        | 225,866        | 42,015         | -42,050        | 42,862         |
| 6/30/2005  | 9,852,969    | 15,897,020   | 13,199,868   | 8,779,053    | 3,459,982    | 1,843,797    | 985,217      | 1,321,796     | 260,652        | 263,967        | 135,407        | 565,820        | 121,584        |
| 6/30/2006  | 13,046,957   | 18,331,046   | 13,350,381   | 10,609,709   | 4,030,665    | 3,280,738    | 1,529,235    | 486,663       | 415,738        | 171,411        | 112,834        | 366,142        | 1,666          |
| 6/30/2007  | 10,695,972   | 17,139,047   | 14,487,684   | 7,642,855    | 4,061,185    | 2,519,873    | 1,219,499    | 323,348       | 258,955        | -8,911         | 182,081        | 28,353         | 155,361        |
| 6/30/2008  | 11,785,643   | 21,478,235   | 19,335,311   | 11,747,164   | 5,820,234    | 4,429,187    | 1,389,934    | 983,055       | 592,439        | 372,524        | -86,334        | 676,027        | 355,242        |
| 6/30/2009  | 12,385,850   | 19,971,048   | 18,217,171   | 11,669,334   | 9,425,284    | 2,301,532    | 1,058,046    | 620,103       | 482,606        | 1,137,547      | 66,120         | 168,096        | 239,426        |
| 6/30/2010  | 13,065,309   | 25,133,507   | 25,061,511   | 11,138,507   | 4,813,472    | 2,541,098    | 2,103,693    | 581,741       | 216,767        | 435,663        | -178,467       | 84,961         |                |
| 6/30/2011  | 19,968,883   | 22,700,131   | 21,803,013   | 11,771,924   | 12,577,934   | 1,214,326    | 1,299,973    | 337,199       | 642,456        | 20,017         | 222,346        |                |                |
| 6/30/2012  | 14,464,821   | 23,018,345   | 19,000,550   | 13,598,755   | 5,416,344    | 5,192,780    | 825,676      | 678,757       | 967,562        | 680,469        |                |                |                |
| 6/30/2013  | 15,821,921   | 22,246,695   | 20,374,068   | 11,264,060   | 6,496,769    | 2,741,875    | 743,843      | 1,340,281     | 327,670        |                |                |                |                |
| 6/30/2014  | 16,336,202   | 27,709,894   | 23,133,679   | 11,997,139   | 7,526,397    | 2,691,321    | 1,083,697    | 586,690       |                |                |                |                |                |
| 6/30/2015  | 13,668,938   | 24,781,893   | 19,844,288   | 10,273,681   | 5,937,049    | 3,046,504    | 1,953,849    |               |                |                |                |                |                |
| 6/30/2016  | 16,656,083   | 20,852,635   | 21,512,011   | 14,691,932   | 7,853,051    | 6,014,826    |              |               |                |                |                |                |                |
| 6/30/2017  | 15,748,894   | 25,164,307   | 18,180,693   | 14,844,180   | 10,430,247   |              |              |               |                |                |                |                |                |
| 6/30/2018  | 17,420,928   | 25,767,748   | 20,869,173   | 16,329,923   |              |              |              |               |                |                |                |                |                |
| 6/30/2019  | 18,537,137   | 26,816,950   | 25,175,317   |              |              |              |              |               |                |                |                |                |                |
| 6/30/2020  | 14,800,504   | 22,164,384   |              |              |              |              |              |               |                |                |                |                |                |
| 6/30/2021  | 12,570,797   |              |              |              |              |              |              |               |                |                |                |                |                |

| Incremental Percentages |        |        |        |        |        |        |        |        |         |         |         |         |         |
|-------------------------|--------|--------|--------|--------|--------|--------|--------|--------|---------|---------|---------|---------|---------|
| A.Y.E.                  | 27:15  | 39:27  | 51:39  | 63:51  | 75:63  | 87:75  | 99:87  | 111:99 | 123:111 | 135:123 | 147:135 | 159:147 | 171:159 |
| 6/30/2003               | 0.0654 | 0.0949 | 0.0790 | 0.0430 | 0.0301 | 0.0130 | 0.0046 | 0.0058 | 0.0030  | 0.0006  | 0.0013  | 0.0022  | 0.0004  |
| 6/30/2004               | 0.0550 | 0.0931 | 0.0811 | 0.0435 | 0.0354 | 0.0120 | 0.0059 | 0.0032 | 0.0038  | 0.0012  | 0.0002  | -0.0002 | 0.0002  |
| 6/30/2005               | 0.0588 | 0.0949 | 0.0788 | 0.0524 | 0.0207 | 0.0110 | 0.0059 | 0.0079 | 0.0016  | 0.0016  | 0.0008  | 0.0034  | 0.0007  |
| 6/30/2006               | 0.0701 | 0.0984 | 0.0717 | 0.0570 | 0.0216 | 0.0176 | 0.0082 | 0.0026 | 0.0022  | 0.0009  | 0.0006  | 0.0020  | 0.0000  |
| 6/30/2007               | 0.0568 | 0.0911 | 0.0770 | 0.0406 | 0.0216 | 0.0134 | 0.0065 | 0.0017 | 0.0014  | 0.0000  | 0.0010  | 0.0002  | 0.0008  |
| 6/30/2008               | 0.0523 | 0.0953 | 0.0858 | 0.0521 | 0.0258 | 0.0197 | 0.0062 | 0.0044 | 0.0026  | 0.0017  | -0.0004 | 0.0030  | 0.0016  |
| 6/30/2009               | 0.0549 | 0.0885 | 0.0807 | 0.0517 | 0.0418 | 0.0102 | 0.0047 | 0.0027 | 0.0021  | 0.0050  | 0.0003  | 0.0007  | 0.0011  |
| 6/30/2010               | 0.0597 | 0.1148 | 0.1145 | 0.0509 | 0.0220 | 0.0116 | 0.0096 | 0.0027 | 0.0010  | 0.0020  | -0.0008 | 0.0004  |         |
| 6/30/2011               | 0.0823 | 0.0936 | 0.0899 | 0.0485 | 0.0519 | 0.0050 | 0.0054 | 0.0014 | 0.0026  | 0.0001  | 0.0009  |         |         |
| 6/30/2012               | 0.0639 | 0.1017 | 0.0839 | 0.0601 | 0.0239 | 0.0229 | 0.0036 | 0.0030 | 0.0043  | 0.0030  |         |         |         |
| 6/30/2013               | 0.0702 | 0.0987 | 0.0904 | 0.0500 | 0.0288 | 0.0122 | 0.0033 | 0.0059 | 0.0015  |         |         |         |         |
| 6/30/2014               | 0.0612 | 0.1038 | 0.0866 | 0.0449 | 0.0282 | 0.0101 | 0.0041 | 0.0022 |         |         |         |         |         |
| 6/30/2015               | 0.0556 | 0.1007 | 0.0807 | 0.0418 | 0.0241 | 0.0124 | 0.0079 |        |         |         |         |         |         |
| 6/30/2016               | 0.0669 | 0.0837 | 0.0864 | 0.0590 | 0.0315 | 0.0241 |        |        |         |         |         |         |         |
| 6/30/2017               | 0.0600 | 0.0958 | 0.0692 | 0.0565 | 0.0397 |        |        |        |         |         |         |         |         |
| 6/30/2018               | 0.0639 | 0.0945 | 0.0765 | 0.0599 |        |        |        |        |         |         |         |         |         |
| 6/30/2019               | 0.0668 | 0.0966 | 0.0907 |        |        |        |        |        |         |         |         |         |         |
| 6/30/2020               | 0.0580 | 0.0869 |        |        |        |        |        |        |         |         |         |         |         |
| 6/30/2021               | 0.0509 |        |        |        |        |        |        |        |         |         |         |         |         |
| Best 3/5                | 0.0606 | 0.0924 | 0.0812 | 0.0535 | 0.0295 | 0.0158 | 0.0044 | 0.0026 | 0.0021  | 0.0022  | 0.0003  | 0.0010  | 0.0009  |

Premises / Operations (Subline Code 334)  
Manufacturers and Contractors  
Full Coverage  
Multistate  
Property Damage - Occurrence  
Incurred Accident Year Basic Limits Loss Development Excluding ALAE

| \$100,000 Basic Limit Losses as of : |                  |                  |                  |                  |                  |                  |                  |                  |                   |                   |                   |
|--------------------------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-------------------|-------------------|-------------------|
| <u>A.Y.E.</u>                        | <u>15 Months</u> | <u>27 Months</u> | <u>39 Months</u> | <u>51 Months</u> | <u>63 Months</u> | <u>75 Months</u> | <u>87 Months</u> | <u>99 Months</u> | <u>111 Months</u> | <u>123 Months</u> | <u>135 Months</u> |
| 6/30/2003                            | 84,492,900       | 94,552,663       | 99,430,827       | 100,679,063      | 100,105,920      | 100,578,288      | 100,941,904      | 101,875,121      | 102,015,473       | 102,170,286       | 102,530,565       |
| 6/30/2004                            | 87,337,336       | 99,772,445       | 103,834,390      | 104,503,530      | 104,592,298      | 105,219,375      | 105,186,369      | 105,515,914      | 105,817,729       | 105,962,255       | 106,231,708       |
| 6/30/2005                            | 92,357,141       | 98,237,318       | 98,787,068       | 100,466,222      | 101,007,662      | 100,875,636      | 100,998,743      | 101,853,296      | 102,212,049       | 102,543,238       | 102,632,276       |
| 6/30/2006                            | 94,733,190       | 101,171,494      | 102,387,656      | 103,507,343      | 105,089,037      | 105,958,829      | 106,467,730      | 107,091,892      | 106,927,340       | 107,496,370       | 107,364,825       |
| 6/30/2007                            | 97,292,973       | 105,491,809      | 107,784,260      | 109,059,965      | 110,764,387      | 111,813,772      | 112,875,494      | 113,396,383      | 114,507,497       | 114,758,974       | 114,760,002       |
| 6/30/2008                            | 104,535,899      | 112,119,736      | 114,105,386      | 115,344,178      | 117,760,410      | 118,498,446      | 119,338,401      | 120,021,329      | 120,461,765       | 120,877,582       | 121,618,871       |
| 6/30/2009                            | 101,529,979      | 107,592,877      | 111,186,004      | 113,740,490      | 113,450,256      | 114,059,599      | 114,380,749      | 114,995,260      | 116,422,876       | 116,888,766       | 117,000,027       |
| 6/30/2010                            | 95,401,631       | 102,864,221      | 105,820,891      | 107,497,283      | 108,991,286      | 109,143,353      | 109,899,288      | 109,920,325      | 110,269,328       | 110,214,863       | 110,604,359       |
| 6/30/2011                            | 105,759,453      | 114,165,627      | 116,987,345      | 117,350,860      | 118,248,450      | 119,011,187      | 119,801,211      | 120,524,996      | 120,777,215       | 121,047,314       | 121,062,008       |
| 6/30/2012                            | 108,342,685      | 115,506,093      | 118,310,848      | 119,370,316      | 120,279,313      | 120,979,851      | 121,548,715      | 121,960,471      | 122,451,879       | 122,931,901       | 123,256,775       |
| 6/30/2013                            | 99,496,875       | 108,993,649      | 113,517,858      | 115,083,321      | 115,980,947      | 116,616,538      | 117,303,462      | 118,067,047      | 118,619,909       | 118,859,187       |                   |
| 6/30/2014                            | 99,095,852       | 108,403,843      | 113,247,892      | 115,195,419      | 116,749,257      | 117,868,029      | 119,286,137      | 119,590,231      | 119,846,977       |                   |                   |
| 6/30/2015                            | 97,782,526       | 107,956,318      | 114,787,215      | 118,917,748      | 119,698,927      | 121,575,497      | 122,078,620      | 122,855,360      |                   |                   |                   |
| 6/30/2016                            | 99,725,509       | 113,583,463      | 118,280,137      | 120,933,629      | 122,970,668      | 124,869,469      | 125,788,258      |                  |                   |                   |                   |
| 6/30/2017                            | 106,277,029      | 118,709,997      | 124,578,027      | 126,898,386      | 128,912,611      | 131,078,584      |                  |                  |                   |                   |                   |
| 6/30/2018                            | 111,034,986      | 124,657,445      | 130,505,884      | 133,280,052      | 135,513,425      |                  |                  |                  |                   |                   |                   |
| 6/30/2019                            | 108,938,340      | 123,078,387      | 128,172,060      | 130,389,047      |                  |                  |                  |                  |                   |                   |                   |
| 6/30/2020                            | 106,377,289      | 115,815,429      | 120,500,346      |                  |                  |                  |                  |                  |                   |                   |                   |
| 6/30/2021                            | 100,567,172      | 115,860,668      |                  |                  |                  |                  |                  |                  |                   |                   |                   |
| 6/30/2022                            | 111,562,101      |                  |                  |                  |                  |                  |                  |                  |                   |                   |                   |

  

| <u>A.Y.E.</u> | <u>147 Months</u> | <u>159 Months</u> | <u>171 Months</u> | <u>183 Months</u> | <u>195 Months</u> | <u>207 Months</u> | <u>219 Months</u> | <u>231 Months</u> | <u>243 Months</u> |
|---------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| 6/30/2003     | 103,103,286       | 103,183,010       | 103,393,827       | 103,483,216       | 103,601,300       | 103,694,514       | 103,693,811       | 103,726,545       | 103,691,732       |
| 6/30/2004     | 106,494,816       | 106,519,967       | 106,838,869       | 107,005,196       | 107,029,831       | 107,382,824       | 107,324,331       | 107,389,176       |                   |
| 6/30/2005     | 102,690,217       | 103,054,828       | 103,066,018       | 103,045,162       | 103,055,882       | 102,952,266       | 103,053,972       |                   |                   |
| 6/30/2006     | 107,553,262       | 108,264,819       | 108,273,113       | 108,172,678       | 108,329,169       | 108,474,671       |                   |                   |                   |
| 6/30/2007     | 114,830,767       | 114,845,188       | 114,754,021       | 114,877,199       | 115,004,376       |                   |                   |                   |                   |
| 6/30/2008     | 122,075,925       | 122,132,281       | 122,201,743       | 122,074,910       |                   |                   |                   |                   |                   |
| 6/30/2009     | 117,382,328       | 117,524,048       | 117,923,213       |                   |                   |                   |                   |                   |                   |
| 6/30/2010     | 110,647,215       | 110,670,916       |                   |                   |                   |                   |                   |                   |                   |
| 6/30/2011     | 121,216,803       |                   |                   |                   |                   |                   |                   |                   |                   |

Premises / Operations (Subline Code 334)  
Manufacturers and Contractors  
Full Coverage  
Multistate  
Property Damage - Occurrence  
Incurred Accident Year Basic Limits Loss Development Excluding ALAE

|           | Link Ratios      |                |                |                |                |                |                |                |                 |                |                |
|-----------|------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|-----------------|----------------|----------------|
| A.Y.E.    | <u>27:15</u>     | <u>39:27</u>   | <u>51:39</u>   | <u>63:51</u>   | <u>75:63</u>   | <u>87:75</u>   | <u>99:87</u>   | <u>111:99</u>  | <u>123:111</u>  | <u>135:123</u> | <u>147:135</u> |
| 6/30/2003 | 1.119            | 1.052          | 1.013          | 0.994          | 1.005          | 1.004          | 1.009          | 1.001          | 1.002           | 1.004          | 1.006          |
| 6/30/2004 | 1.142            | 1.041          | 1.006          | 1.001          | 1.006          | 1.000          | 1.003          | 1.003          | 1.001           | 1.003          | 1.002          |
| 6/30/2005 | 1.064            | 1.006          | 1.017          | 1.005          | 0.999          | 1.001          | 1.008          | 1.004          | 1.003           | 1.001          | 1.001          |
| 6/30/2006 | 1.068            | 1.012          | 1.011          | 1.015          | 1.008          | 1.005          | 1.006          | 0.998          | 1.005           | 0.999          | 1.002          |
| 6/30/2007 | 1.084            | 1.022          | 1.012          | 1.016          | 1.009          | 1.009          | 1.005          | 1.010          | 1.002           | 1.000          | 1.001          |
| 6/30/2008 | 1.073            | 1.018          | 1.011          | 1.021          | 1.006          | 1.007          | 1.006          | 1.004          | 1.003           | 1.006          | 1.004          |
| 6/30/2009 | 1.060            | 1.033          | 1.023          | 0.997          | 1.005          | 1.003          | 1.005          | 1.012          | 1.004           | 1.001          | 1.003          |
| 6/30/2010 | 1.078            | 1.029          | 1.016          | 1.014          | 1.001          | 1.007          | 1.000          | 1.003          | 1.000           | 1.004          | 1.000          |
| 6/30/2011 | 1.079            | 1.025          | 1.003          | 1.008          | 1.006          | 1.007          | 1.006          | 1.002          | 1.002           | 1.000          | 1.001          |
| 6/30/2012 | 1.066            | 1.024          | 1.009          | 1.008          | 1.006          | 1.005          | 1.003          | 1.004          | 1.004           | 1.003          |                |
| 6/30/2013 | 1.095            | 1.042          | 1.014          | 1.008          | 1.005          | 1.006          | 1.007          | 1.005          | 1.002           |                |                |
| 6/30/2014 | 1.094            | 1.045          | 1.017          | 1.013          | 1.010          | 1.012          | 1.003          | 1.002          |                 |                |                |
| 6/30/2015 | 1.104            | 1.063          | 1.036          | 1.007          | 1.016          | 1.004          | 1.006          |                |                 |                |                |
| 6/30/2016 | 1.139            | 1.041          | 1.022          | 1.017          | 1.015          | 1.007          |                |                |                 |                |                |
| 6/30/2017 | 1.117            | 1.049          | 1.019          | 1.016          | 1.017          |                |                |                |                 |                |                |
| 6/30/2018 | 1.123            | 1.047          | 1.021          | 1.017          |                |                |                |                |                 |                |                |
| 6/30/2019 | 1.130            | 1.041          | 1.017          |                |                |                |                |                |                 |                |                |
| 6/30/2020 | 1.089            | 1.040          |                |                |                |                |                |                |                 |                |                |
| 6/30/2021 | 1.152            |                |                |                |                |                |                |                |                 |                |                |
| 3 Yr Mean | 1.124            | 1.043          | 1.019          | 1.017          | 1.016          | 1.008          | 1.005          | 1.004          | 1.003           | 1.002          | 1.001          |
| Best 3/5  | 1.123            | 1.043          | 1.021          | 1.015          | 1.014          | 1.006          | 1.005          | 1.003          | 1.003           | 1.003          | 1.002          |
|           | <u>159:147</u>   | <u>171:159</u> | <u>183:171</u> | <u>195:183</u> | <u>207:195</u> | <u>219:207</u> | <u>231:219</u> | <u>243:231</u> |                 |                |                |
| 6/30/2003 | 1.001            | 1.002          | 1.001          | 1.001          | 1.001          | 1.000          | 1.000          | 1.000          |                 |                |                |
| 6/30/2004 | 1.000            | 1.003          | 1.002          | 1.000          | 1.003          | 0.999          | 1.001          | <b>1.000</b>   |                 |                |                |
| 6/30/2005 | 1.004            | 1.000          | 1.000          | 1.000          | 0.999          | 1.001          | <b>1.000</b>   | <b>1.000</b>   |                 |                |                |
| 6/30/2006 | 1.007            | 1.000          | 0.999          | 1.001          | 1.001          | <b>1.001</b>   | <b>1.000</b>   | <b>1.000</b>   |                 |                |                |
| 6/30/2007 | 1.000            | 0.999          | 1.001          | 1.001          | <b>1.001</b>   | <b>1.001</b>   | <b>1.000</b>   | <b>1.000</b>   |                 |                |                |
| 6/30/2008 | 1.000            | 1.001          | 0.999          |                |                |                |                |                |                 |                |                |
| 6/30/2009 | 1.001            | 1.003          |                |                |                |                |                |                |                 |                |                |
| 6/30/2010 | 1.000            |                |                |                |                |                |                |                |                 |                |                |
| 3 Yr Mean | 1.000            | 1.001          | 1.000          | 1.001          | 1.001          | 1.000          | 1.001          | 1.000          |                 |                |                |
| Best 3/5  | 1.000            | 1.000          | 1.000          | 1.001          | <b>1.001</b>   | <b>1.001</b>   | <b>1.000</b>   | <b>1.000</b>   |                 |                |                |
|           | Development From |                |                |                |                |                |                |                |                 |                |                |
| A.Y.E.    | <u>15/ 27</u>    | <u>27/ 39</u>  | <u>39/ 51</u>  | <u>51/ 63</u>  | <u>63/ 75</u>  | <u>75/ 87</u>  | <u>87/ 99</u>  | <u>99/111</u>  | <u>111/123</u>  | <u>123/135</u> | <u>135/147</u> |
| 6/30/2018 |                  |                |                |                | 1.014          | 1.006          | 1.005          | 1.003          | 1.003           | 1.003          | 1.002          |
| 6/30/2019 |                  |                |                | 1.015          | 1.014          | 1.006          | 1.005          | 1.003          | 1.003           | 1.003          | 1.002          |
| 6/30/2020 |                  |                | 1.021          | 1.015          | 1.014          | 1.006          | 1.005          | 1.003          | 1.003           | 1.003          | 1.002          |
| 6/30/2021 |                  | 1.043          | 1.021          | 1.015          | 1.014          | 1.006          | 1.005          | 1.003          | 1.003           | 1.003          | 1.002          |
| 6/30/2022 | 1.123            | 1.043          | 1.021          | 1.015          | 1.014          | 1.006          | 1.005          | 1.003          | 1.003           | 1.003          | 1.002          |
|           | <u>147/159</u>   | <u>159/171</u> | <u>171/183</u> | <u>183/195</u> | <u>195/207</u> | <u>207/219</u> | <u>219/231</u> | <u>231/243</u> | <u>243/011t</u> |                | <u>FACTORS</u> |
| 6/30/2018 | 1.000            | 1.000          | 1.000          | 1.001          | 1.001          | 1.001          | 1.000          | 1.000          | <b>1.001</b>    |                | 1.041          |
| 6/30/2019 | 1.000            | 1.000          | 1.000          | 1.001          | 1.001          | 1.001          | 1.000          | 1.000          | <b>1.001</b>    |                | 1.056          |
| 6/30/2020 | 1.000            | 1.000          | 1.000          | 1.001          | 1.001          | 1.001          | 1.000          | 1.000          | <b>1.001</b>    |                | 1.078          |
| 6/30/2021 | 1.000            | 1.000          | 1.000          | 1.001          | 1.001          | 1.001          | 1.000          | 1.000          | <b>1.001</b>    |                | 1.125          |
| 6/30/2022 | 1.000            | 1.000          | 1.000          | 1.001          | 1.001          | 1.001          | 1.000          | 1.000          | <b>1.001</b>    |                | 1.263          |

**Bold - Calculated Using Modified Bondy Method**

*Italics - Three year mean Excludes Modified Bondy ratios*

Premises / Operations (Subline Code 334)  
Manufacturers and Contractors  
Deductible  
Multistate  
Property Damage - Occurrence  
Incurred Accident Year Basic Limits Loss Development Excluding ALAE

| \$100,000 Basic Limit Losses as of : |                  |                  |                  |                  |                  |                  |                  |                  |                   |                   |                   |
|--------------------------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-------------------|-------------------|-------------------|
| <u>A.Y.E.</u>                        | <u>15 Months</u> | <u>27 Months</u> | <u>39 Months</u> | <u>51 Months</u> | <u>63 Months</u> | <u>75 Months</u> | <u>87 Months</u> | <u>99 Months</u> | <u>111 Months</u> | <u>123 Months</u> | <u>135 Months</u> |
| 6/30/2003                            | 18,027,012       | 19,213,141       | 18,974,038       | 20,004,676       | 20,907,603       | 20,695,882       | 20,945,700       | 21,150,795       | 21,348,893        | 21,554,904        | 21,507,072        |
| 6/30/2004                            | 17,453,370       | 20,385,517       | 21,957,328       | 21,964,914       | 21,981,215       | 22,372,203       | 22,440,220       | 22,387,376       | 22,313,074        | 22,310,848        | 22,282,347        |
| 6/30/2005                            | 18,826,423       | 21,268,293       | 22,428,824       | 22,566,955       | 22,508,372       | 22,246,872       | 22,325,995       | 22,305,992       | 22,233,394        | 22,151,501        | 22,189,868        |
| 6/30/2006                            | 18,742,504       | 21,875,916       | 22,591,901       | 23,093,364       | 22,651,820       | 22,771,498       | 22,823,613       | 22,949,147       | 22,886,352        | 23,233,495        | 23,167,418        |
| 6/30/2007                            | 21,819,352       | 22,788,683       | 23,814,982       | 23,587,820       | 23,466,890       | 23,294,314       | 23,651,970       | 23,537,161       | 23,438,175        | 23,557,345        | 23,555,355        |
| 6/30/2008                            | 22,871,174       | 25,655,264       | 26,547,045       | 27,160,228       | 26,430,186       | 26,664,181       | 26,700,514       | 26,762,463       | 27,123,775        | 27,225,934        | 27,146,890        |
| 6/30/2009                            | 24,526,969       | 24,120,478       | 24,892,243       | 25,146,795       | 25,053,275       | 25,219,870       | 24,922,926       | 25,077,214       | 25,147,364        | 25,159,138        | 25,172,848        |
| 6/30/2010                            | 20,437,317       | 21,697,393       | 22,298,662       | 22,554,234       | 22,528,389       | 22,567,630       | 23,055,046       | 23,017,789       | 23,171,512        | 23,171,927        | 23,203,313        |
| 6/30/2011                            | 20,516,966       | 21,143,374       | 21,966,129       | 21,576,370       | 21,540,350       | 21,753,471       | 21,999,164       | 22,329,608       | 22,088,795        | 22,156,373        | 22,116,721        |
| 6/30/2012                            | 20,620,160       | 22,191,300       | 22,726,047       | 23,075,768       | 22,994,047       | 23,119,713       | 23,262,805       | 23,375,426       | 23,442,941        | 23,398,875        | 23,405,239        |
| 6/30/2013                            | 19,028,999       | 21,134,580       | 21,997,456       | 22,132,381       | 21,836,854       | 21,771,487       | 21,933,912       | 21,984,796       | 22,044,992        | 22,072,554        |                   |
| 6/30/2014                            | 21,636,644       | 23,397,162       | 24,136,738       | 24,489,973       | 24,668,361       | 24,935,264       | 24,940,962       | 25,160,318       | 25,348,262        |                   |                   |
| 6/30/2015                            | 24,510,822       | 26,661,628       | 27,881,984       | 28,165,210       | 28,435,964       | 28,326,342       | 28,645,445       | 28,594,801       |                   |                   |                   |
| 6/30/2016                            | 24,534,533       | 26,309,787       | 27,287,000       | 26,779,856       | 27,279,058       | 27,505,995       | 27,920,212       |                  |                   |                   |                   |
| 6/30/2017                            | 23,200,683       | 26,477,183       | 28,566,336       | 29,205,862       | 29,764,026       | 30,018,215       |                  |                  |                   |                   |                   |
| 6/30/2018                            | 25,101,950       | 27,004,815       | 29,331,028       | 30,398,425       | 30,948,137       |                  |                  |                  |                   |                   |                   |
| 6/30/2019                            | 23,067,446       | 27,467,259       | 28,989,458       | 31,013,954       |                  |                  |                  |                  |                   |                   |                   |
| 6/30/2020                            | 19,083,065       | 20,754,554       | 22,327,018       |                  |                  |                  |                  |                  |                   |                   |                   |
| 6/30/2021                            | 15,986,863       | 18,433,048       |                  |                  |                  |                  |                  |                  |                   |                   |                   |
| 6/30/2022                            | 21,210,404       |                  |                  |                  |                  |                  |                  |                  |                   |                   |                   |

  

| <u>A.Y.E.</u> | <u>147 Months</u> | <u>159 Months</u> | <u>171 Months</u> | <u>183 Months</u> | <u>195 Months</u> | <u>207 Months</u> | <u>219 Months</u> | <u>231 Months</u> | <u>243 Months</u> |
|---------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| 6/30/2003     | 21,549,210        | 21,513,776        | 21,456,800        | 21,450,177        | 21,406,427        | 21,416,428        | 21,416,428        | 21,436,427        | 21,437,001        |
| 6/30/2004     | 22,283,862        | 22,263,862        | 22,278,901        | 22,261,362        | 22,268,612        | 22,268,613        | 22,268,612        | 22,269,186        |                   |
| 6/30/2005     | 22,111,332        | 22,166,251        | 22,246,250        | 22,136,251        | 22,111,253        | 22,111,252        | 22,116,251        |                   |                   |
| 6/30/2006     | 23,288,922        | 23,194,072        | 23,194,072        | 23,232,072        | 23,211,356        | 23,282,195        |                   |                   |                   |
| 6/30/2007     | 23,588,845        | 23,592,473        | 23,648,059        | 23,677,184        | 23,672,703        |                   |                   |                   |                   |
| 6/30/2008     | 27,199,773        | 27,308,086        | 27,177,081        | 27,245,433        |                   |                   |                   |                   |                   |
| 6/30/2009     | 25,202,767        | 25,327,856        | 25,309,640        |                   |                   |                   |                   |                   |                   |
| 6/30/2010     | 23,371,813        | 23,271,827        |                   |                   |                   |                   |                   |                   |                   |
| 6/30/2011     | 22,197,228        |                   |                   |                   |                   |                   |                   |                   |                   |

Premises / Operations (Subline Code 334)  
 Manufacturers and Contractors  
 Deductible  
 Multistate  
 Property Damage - Occurrence  
 Incurred Accident Year Basic Limits Loss Development Excluding ALAE

|           | Link Ratios  |              |              |              |              |              |              |               |                |                |                |
|-----------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|---------------|----------------|----------------|----------------|
| A.Y.E.    | <u>27:15</u> | <u>39:27</u> | <u>51:39</u> | <u>63:51</u> | <u>75:63</u> | <u>87:75</u> | <u>99:87</u> | <u>111:99</u> | <u>123:111</u> | <u>135:123</u> | <u>147:135</u> |
| 6/30/2003 | 1.066        | 0.988        | 1.054        | 1.045        | 0.990        | 1.012        | 1.010        | 1.009         | 1.010          | 0.998          | 1.002          |
| 6/30/2004 | 1.168        | 1.077        | 1.000        | 1.001        | 1.018        | 1.003        | 0.998        | 0.997         | 1.000          | 0.999          | 1.000          |
| 6/30/2005 | 1.130        | 1.055        | 1.006        | 0.997        | 0.988        | 1.004        | 0.999        | 0.997         | 0.996          | 1.002          | 0.996          |
| 6/30/2006 | 1.167        | 1.033        | 1.022        | 0.981        | 1.005        | 1.002        | 1.006        | 0.997         | 1.015          | 0.997          | 1.005          |
| 6/30/2007 | 1.044        | 1.045        | 0.990        | 0.995        | 0.993        | 1.015        | 0.995        | 0.996         | 1.005          | 1.000          | 1.001          |
| 6/30/2008 | 1.122        | 1.035        | 1.023        | 0.973        | 1.009        | 1.001        | 1.002        | 1.014         | 1.004          | 0.997          | 1.002          |
| 6/30/2009 | 0.983        | 1.032        | 1.010        | 0.996        | 1.007        | 0.988        | 1.006        | 1.003         | 1.000          | 1.001          | 1.001          |
| 6/30/2010 | 1.062        | 1.028        | 1.011        | 0.999        | 1.002        | 1.022        | 0.998        | 1.007         | 1.000          | 1.001          | 1.007          |
| 6/30/2011 | 1.031        | 1.039        | 0.982        | 0.998        | 1.010        | 1.011        | 1.015        | 0.989         | 1.003          | 0.998          | 1.004          |
| 6/30/2012 | 1.076        | 1.024        | 1.015        | 0.996        | 1.005        | 1.006        | 1.005        | 1.003         | 0.998          | 1.000          |                |
| 6/30/2013 | 1.111        | 1.041        | 1.006        | 0.987        | 0.997        | 1.007        | 1.002        | 1.003         | 1.001          |                |                |
| 6/30/2014 | 1.081        | 1.032        | 1.015        | 1.007        | 1.011        | 1.000        | 1.009        | 1.007         |                |                |                |
| 6/30/2015 | 1.088        | 1.046        | 1.010        | 1.010        | 0.996        | 1.011        | 0.998        |               |                |                |                |
| 6/30/2016 | 1.072        | 1.037        | 0.981        | 1.019        | 1.008        | 1.015        |              |               |                |                |                |
| 6/30/2017 | 1.141        | 1.079        | 1.022        | 1.019        | 1.009        |              |              |               |                |                |                |
| 6/30/2018 | 1.076        | 1.086        | 1.036        | 1.018        |              |              |              |               |                |                |                |
| 6/30/2019 | 1.191        | 1.055        | 1.070        |              |              |              |              |               |                |                |                |
| 6/30/2020 | 1.088        | 1.076        |              |              |              |              |              |               |                |                |                |
| 6/30/2021 | 1.153        |              |              |              |              |              |              |               |                |                |                |
| 3 Yr Mean | 1.144        | 1.072        | 1.043        | 1.019        | 1.004        | 1.009        | 1.003        | 1.004         | 1.001          | 1.000          | 1.004          |
| Best 3/5  | 1.127        | 1.070        | 1.023        | 1.016        | 1.005        | 1.008        | 1.005        | 1.004         | 1.000          | 1.000          | 1.002          |

| A.Y.E.    | <u>159:147</u> | <u>171:159</u> | <u>183:171</u> | <u>195:183</u> | <u>207:195</u> | <u>219:207</u> | <u>231:219</u> | <u>243:231</u> |  |  |  |
|-----------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|--|--|--|
| 6/30/2003 | 0.998          | 0.997          | 1.000          | 0.998          | 1.000          | 1.000          | 1.001          | 1.000          |  |  |  |
| 6/30/2004 | 0.999          | 1.001          | 0.999          | 1.000          | 1.000          | 1.000          | 1.000          | <b>1.000</b>   |  |  |  |
| 6/30/2005 | 1.002          | 1.004          | 0.995          | 0.999          | 1.000          | 1.000          | <b>1.000</b>   | <b>1.000</b>   |  |  |  |
| 6/30/2006 | 0.996          | 1.000          | 1.002          | 0.999          | 1.003          | <b>1.000</b>   | <b>1.000</b>   | <b>1.000</b>   |  |  |  |
| 6/30/2007 | 1.000          | 1.002          | 1.001          | 1.000          | <b>0.999</b>   | <b>1.000</b>   | <b>1.000</b>   | <b>1.000</b>   |  |  |  |
| 6/30/2008 | 1.004          | 0.995          | 1.003          |                |                |                |                |                |  |  |  |
| 6/30/2009 | 1.005          | 0.999          |                |                |                |                |                |                |  |  |  |
| 6/30/2010 | 0.996          |                |                |                |                |                |                |                |  |  |  |
| 3 Yr Mean | 1.002          | 0.999          | 1.002          | 0.999          | 1.001          | 1.000          | 1.001          | 1.000          |  |  |  |
| Best 3/5  | 1.000          | 1.000          | 1.001          | 0.999          | <b>1.000</b>   | <b>1.000</b>   | <b>1.000</b>   | <b>1.000</b>   |  |  |  |

|           | Development From |                |                |                |                |                |                |                |                |                |                |
|-----------|------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| A.Y.E.    | <u>15/ 27</u>    | <u>27/ 39</u>  | <u>39/ 51</u>  | <u>51/ 63</u>  | <u>63/ 75</u>  | <u>75/ 87</u>  | <u>87/ 99</u>  | <u>99/111</u>  | <u>111/123</u> | <u>123/135</u> | <u>135/147</u> |
| 6/30/2018 |                  |                |                |                | 1.005          | 1.008          | 1.005          | 1.004          | 1.000          | 1.000          | 1.002          |
| 6/30/2019 |                  |                |                | 1.016          | 1.005          | 1.008          | 1.005          | 1.004          | 1.000          | 1.000          | 1.002          |
| 6/30/2020 |                  |                | 1.023          | 1.016          | 1.005          | 1.008          | 1.005          | 1.004          | 1.000          | 1.000          | 1.002          |
| 6/30/2021 |                  | 1.070          | 1.023          | 1.016          | 1.005          | 1.008          | 1.005          | 1.004          | 1.000          | 1.000          | 1.002          |
| 6/30/2022 | 1.127            | 1.070          | 1.023          | 1.016          | 1.005          | 1.008          | 1.005          | 1.004          | 1.000          | 1.000          | 1.002          |
| A.Y.E     | <u>147/159</u>   | <u>159/171</u> | <u>171/183</u> | <u>183/195</u> | <u>195/207</u> | <u>207/219</u> | <u>219/231</u> | <u>231/243</u> | <u>243/U1t</u> | <b>FACTORS</b> |                |
| 6/30/2018 | 1.000            | 1.000          | 1.001          | 0.999          | 1.000          | 1.000          | 1.000          | 1.000          | <b>1.000</b>   | 1.024          |                |
| 6/30/2019 | 1.000            | 1.000          | 1.001          | 0.999          | 1.000          | 1.000          | 1.000          | 1.000          | <b>1.000</b>   | 1.041          |                |
| 6/30/2020 | 1.000            | 1.000          | 1.001          | 0.999          | 1.000          | 1.000          | 1.000          | 1.000          | <b>1.000</b>   | 1.065          |                |
| 6/30/2021 | 1.000            | 1.000          | 1.001          | 0.999          | 1.000          | 1.000          | 1.000          | 1.000          | <b>1.000</b>   | 1.139          |                |
| 6/30/2022 | 1.000            | 1.000          | 1.001          | 0.999          | 1.000          | 1.000          | 1.000          | 1.000          | <b>1.000</b>   | 1.284          |                |

**Bold - Calculated Using Modified Bondy Method**

*Italics - Three year mean Excludes Modified Bondy ratios*

Premises / Operations (Subline Code 334)  
Manufacturers and Contractors  
Full Coverage  
Multistate  
Property Damage - Occurrence  
Incurred Accident Year ALAE Development

| A.Y.E.    | <u>15 Months</u>  | <u>27 Months</u>  | <u>39 Months</u>  | <u>51 Months</u>  | <u>63 Months</u>  | <u>75 Months</u>  | <u>87 Months</u>  | <u>99 Months</u>  | <u>111 Months</u> | <u>123 Months</u> | <u>135 Months</u> |
|-----------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| 6/30/2003 | 6,858,853         | 13,973,661        | 21,809,589        | 29,256,669        | 34,255,423        | 35,256,955        | 39,301,647        | 39,681,301        | 40,573,807        | 41,590,220        | 42,748,790        |
| 6/30/2004 | 6,290,282         | 12,656,919        | 20,649,057        | 28,106,222        | 31,693,035        | 34,203,665        | 35,103,663        | 36,270,216        | 37,314,856        | 37,860,647        | 38,379,333        |
| 6/30/2005 | 7,220,101         | 12,454,977        | 18,616,765        | 25,204,862        | 29,919,981        | 32,653,139        | 34,494,301        | 35,670,631        | 37,007,275        | 37,522,100        | 37,631,915        |
| 6/30/2006 | 7,305,961         | 13,584,672        | 20,689,454        | 26,541,239        | 32,342,510        | 36,323,813        | 38,638,256        | 40,575,662        | 42,016,884        | 42,914,353        | 43,586,013        |
| 6/30/2007 | 7,112,385         | 13,134,126        | 19,745,679        | 26,323,890        | 31,262,066        | 35,028,343        | 37,354,623        | 38,969,831        | 40,546,119        | 41,250,871        | 43,029,296        |
| 6/30/2008 | 7,519,908         | 14,724,772        | 22,909,186        | 29,423,066        | 34,232,323        | 35,837,520        | 38,525,938        | 41,222,812        | 43,193,924        | 43,742,065        | 44,240,967        |
| 6/30/2009 | 6,986,866         | 13,235,193        | 20,195,175        | 27,241,137        | 31,529,592        | 33,640,562        | 35,318,570        | 36,653,014        | 37,694,744        | 38,739,694        | 39,352,290        |
| 6/30/2010 | 7,259,008         | 16,129,481        | 21,123,013        | 28,388,960        | 32,550,308        | 34,560,803        | 37,546,296        | 38,549,718        | 39,956,399        | 40,456,757        | 40,685,826        |
| 6/30/2011 | 7,804,563         | 14,063,049        | 21,630,871        | 26,568,406        | 29,753,656        | 32,209,480        | 34,373,946        | 35,674,002        | 37,442,559        | 38,087,921        | 38,562,939        |
| 6/30/2012 | 9,108,019         | 15,276,343        | 21,547,409        | 24,413,672        | 28,266,716        | 30,298,292        | 31,128,107        | 32,222,846        | 33,316,834        | 33,973,397        | 34,565,429        |
| 6/30/2013 | 9,877,723         | 17,198,845        | 26,311,113        | 36,541,078        | 40,887,609        | 43,736,677        | 45,020,232        | 46,654,469        | 47,233,873        | 47,757,611        |                   |
| 6/30/2014 | 8,816,123         | 18,266,881        | 28,716,431        | 34,465,581        | 40,595,036        | 43,331,876        | 45,495,771        | 46,223,626        | 47,936,981        |                   |                   |
| 6/30/2015 | 7,867,767         | 15,761,150        | 23,042,297        | 30,152,351        | 38,626,755        | 42,598,455        | 45,282,628        | 48,417,946        |                   |                   |                   |
| 6/30/2016 | 12,386,457        | 58,329,464        | 65,708,063        | 72,043,849        | 77,217,843        | 81,901,981        | 87,065,522        |                   |                   |                   |                   |
| 6/30/2017 | 9,720,690         | 16,065,006        | 23,770,629        | 29,258,197        | 34,897,922        | 38,079,271        |                   |                   |                   |                   |                   |
| 6/30/2018 | 9,809,358         | 18,588,502        | 26,578,330        | 34,523,026        | 42,062,190        |                   |                   |                   |                   |                   |                   |
| 6/30/2019 | 10,252,822        | 18,040,566        | 26,388,393        | 34,807,172        |                   |                   |                   |                   |                   |                   |                   |
| 6/30/2020 | 12,346,792        | 22,264,931        | 29,953,109        |                   |                   |                   |                   |                   |                   |                   |                   |
| 6/30/2021 | 8,046,391         | 16,144,118        |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| 6/30/2022 | 9,039,664         |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |
|           | <u>147 Months</u> | <u>159 Months</u> | <u>171 Months</u> | <u>183 Months</u> | <u>195 Months</u> | <u>207 Months</u> | <u>219 Months</u> | <u>231 Months</u> | <u>243 Months</u> |                   |                   |
| 6/30/2003 | 43,702,933        | 44,801,683        | 45,045,260        | 45,531,166        | 45,908,477        | 46,077,040        | 46,522,523        | 46,608,427        | 46,581,455        |                   |                   |
| 6/30/2004 | 38,777,461        | 39,095,105        | 40,586,172        | 41,088,749        | 41,819,198        | 42,699,227        | 42,817,591        | 42,886,913        |                   |                   |                   |
| 6/30/2005 | 38,198,461        | 39,169,451        | 39,482,315        | 39,491,972        | 39,730,576        | 39,110,168        | 39,131,791        |                   |                   |                   |                   |
| 6/30/2006 | 44,602,649        | 45,546,773        | 46,030,519        | 46,357,326        | 46,631,097        | 46,847,020        |                   |                   |                   |                   |                   |
| 6/30/2007 | 43,043,250        | 43,325,491        | 43,251,758        | 43,338,937        | 43,328,668        |                   |                   |                   |                   |                   |                   |
| 6/30/2008 | 45,118,375        | 45,532,693        | 45,657,810        | 45,673,585        |                   |                   |                   |                   |                   |                   |                   |
| 6/30/2009 | 40,061,293        | 40,343,725        | 40,496,546        |                   |                   |                   |                   |                   |                   |                   |                   |
| 6/30/2010 | 41,636,957        | 41,762,713        |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| 6/30/2011 | 38,737,197        |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |

Premises / Operations (Subline Code 334)  
Manufacturers and Contractors  
Full Coverage  
Multistate  
Property Damage - Occurrence  
Incurred Accident Year Incremental ALAE Development

|           | Increments   |              |              |              |              |              |              |               |                |                |                |                |                |
|-----------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|---------------|----------------|----------------|----------------|----------------|----------------|
| A.Y.E.    | <u>27:15</u> | <u>39:27</u> | <u>51:39</u> | <u>63:51</u> | <u>75:63</u> | <u>87:75</u> | <u>99:87</u> | <u>111:99</u> | <u>123:111</u> | <u>135:123</u> | <u>147:135</u> | <u>159:147</u> | <u>171:159</u> |
| 6/30/2003 | 7,114,808    | 7,835,928    | 7,447,080    | 4,998,754    | 1,001,532    | 4,044,692    | 379,654      | 892,506       | 1,016,413      | 1,158,570      | 954,143        | 1,098,750      | 243,577        |
| 6/30/2004 | 6,366,637    | 7,992,138    | 7,457,165    | 3,586,813    | 2,510,630    | 899,998      | 1,166,553    | 1,044,640     | 545,791        | 518,686        | 398,128        | 317,644        | 1,491,067      |
| 6/30/2005 | 5,234,876    | 6,161,788    | 6,588,097    | 4,715,119    | 2,733,158    | 1,841,162    | 1,176,330    | 1,336,644     | 514,825        | 109,815        | 566,546        | 970,990        | 312,864        |
| 6/30/2006 | 6,278,711    | 7,104,782    | 5,851,785    | 5,801,271    | 3,981,303    | 2,314,443    | 1,937,406    | 1,441,222     | 897,469        | 671,660        | 1,016,636      | 944,124        | 483,746        |
| 6/30/2007 | 6,021,741    | 6,611,553    | 6,578,211    | 4,938,176    | 3,766,277    | 2,326,280    | 1,615,208    | 1,576,288     | 704,752        | 1,778,425      | 13,954         | 282,241        | -73,733        |
| 6/30/2008 | 7,204,864    | 8,184,414    | 6,513,880    | 4,809,257    | 1,605,197    | 2,688,418    | 2,696,874    | 1,971,112     | 548,141        | 498,902        | 877,408        | 414,318        | 125,117        |
| 6/30/2009 | 6,248,327    | 6,959,982    | 7,045,962    | 4,288,455    | 2,110,970    | 1,678,008    | 1,334,444    | 1,041,730     | 1,044,950      | 612,596        | 709,003        | 282,432        | 152,821        |
| 6/30/2010 | 8,870,473    | 4,993,532    | 7,265,947    | 4,161,348    | 2,010,495    | 2,985,493    | 1,003,422    | 1,406,681     | 500,358        | 229,069        | 951,131        | 125,756        |                |
| 6/30/2011 | 6,258,486    | 7,567,822    | 4,937,535    | 3,185,250    | 2,455,824    | 2,164,466    | 1,300,056    | 1,768,557     | 645,362        | 475,018        | 174,258        |                |                |
| 6/30/2012 | 6,168,324    | 6,271,066    | 2,866,263    | 3,853,044    | 2,031,576    | 829,815      | 1,094,739    | 1,093,988     | 656,563        | 592,032        |                |                |                |
| 6/30/2013 | 7,321,122    | 9,112,268    | 10,229,965   | 4,346,531    | 2,849,068    | 1,283,555    | 1,634,237    | 579,404       | 523,738        |                |                |                |                |
| 6/30/2014 | 9,450,758    | 10,449,550   | 5,749,150    | 6,129,455    | 2,736,840    | 2,163,895    | 727,855      | 1,713,355     |                |                |                |                |                |
| 6/30/2015 | 7,893,383    | 7,281,147    | 7,110,054    | 8,474,404    | 3,971,700    | 2,684,173    | 3,135,318    |               |                |                |                |                |                |
| 6/30/2016 | 45,943,007   | 7,378,599    | 6,335,786    | 5,173,994    | 4,684,138    | 5,163,541    |              |               |                |                |                |                |                |
| 6/30/2017 | 6,344,316    | 7,705,623    | 5,487,568    | 5,639,725    | 3,181,349    |              |              |               |                |                |                |                |                |
| 6/30/2018 | 8,779,144    | 7,989,828    | 7,944,696    | 7,539,164    |              |              |              |               |                |                |                |                |                |
| 6/30/2019 | 7,787,744    | 8,347,827    | 8,418,779    |              |              |              |              |               |                |                |                |                |                |
| 6/30/2020 | 9,918,139    | 7,688,178    |              |              |              |              |              |               |                |                |                |                |                |
| 6/30/2021 | 8,097,727    |              |              |              |              |              |              |               |                |                |                |                |                |

|               | Incremental Percentages |              |              |              |              |              |              |               |                |                |                |                |                |
|---------------|-------------------------|--------------|--------------|--------------|--------------|--------------|--------------|---------------|----------------|----------------|----------------|----------------|----------------|
| <u>A.Y.E.</u> | <u>27:15</u>            | <u>39:27</u> | <u>51:39</u> | <u>63:51</u> | <u>75:63</u> | <u>87:75</u> | <u>99:87</u> | <u>111:99</u> | <u>123:111</u> | <u>135:123</u> | <u>147:135</u> | <u>159:147</u> | <u>171:159</u> |
| 6/30/2003     | 0.0532                  | 0.0586       | 0.0557       | 0.0374       | 0.0075       | 0.0303       | 0.0028       | 0.0067        | 0.0076         | 0.0087         | 0.0071         | 0.0082         | 0.0018         |
| 6/30/2004     | 0.0458                  | 0.0575       | 0.0537       | 0.0258       | 0.0181       | 0.0065       | 0.0084       | 0.0075        | 0.0039         | 0.0037         | 0.0029         | 0.0023         | 0.0107         |
| 6/30/2005     | 0.0400                  | 0.0471       | 0.0504       | 0.0361       | 0.0209       | 0.0141       | 0.0090       | 0.0102        | 0.0039         | 0.0008         | 0.0043         | 0.0074         | 0.0024         |
| 6/30/2006     | 0.0455                  | 0.0514       | 0.0424       | 0.0420       | 0.0288       | 0.0168       | 0.0140       | 0.0104        | 0.0065         | 0.0049         | 0.0074         | 0.0068         | 0.0035         |
| 6/30/2007     | 0.0423                  | 0.0464       | 0.0462       | 0.0347       | 0.0265       | 0.0163       | 0.0113       | 0.0111        | 0.0050         | 0.0125         | 0.0001         | 0.0020         | -0.0005        |
| 6/30/2008     | 0.0454                  | 0.0515       | 0.0410       | 0.0303       | 0.0101       | 0.0169       | 0.0170       | 0.0124        | 0.0035         | 0.0031         | 0.0055         | 0.0026         | 0.0008         |
| 6/30/2009     | 0.0413                  | 0.0460       | 0.0465       | 0.0283       | 0.0139       | 0.0111       | 0.0088       | 0.0069        | 0.0069         | 0.0040         | 0.0047         | 0.0019         | 0.0010         |
| 6/30/2010     | 0.0615                  | 0.0346       | 0.0504       | 0.0288       | 0.0139       | 0.0207       | 0.0070       | 0.0097        | 0.0035         | 0.0016         | 0.0066         | 0.0009         |                |
| 6/30/2011     | 0.0395                  | 0.0478       | 0.0312       | 0.0201       | 0.0155       | 0.0137       | 0.0082       | 0.0112        | 0.0041         | 0.0030         | 0.0011         |                |                |
| 6/30/2012     | 0.0391                  | 0.0398       | 0.0182       | 0.0244       | 0.0129       | 0.0053       | 0.0069       | 0.0069        | 0.0042         | 0.0038         |                |                |                |
| 6/30/2013     | 0.0462                  | 0.0575       | 0.0646       | 0.0274       | 0.0180       | 0.0081       | 0.0103       | 0.0037        | 0.0033         |                |                |                |                |
| 6/30/2014     | 0.0575                  | 0.0636       | 0.0350       | 0.0373       | 0.0167       | 0.0132       | 0.0044       | 0.0104        |                |                |                |                |                |
| 6/30/2015     | 0.0476                  | 0.0439       | 0.0428       | 0.0511       | 0.0239       | 0.0162       | 0.0189       |               |                |                |                |                |                |
| 6/30/2016     | 0.2637                  | 0.0424       | 0.0364       | 0.0297       | 0.0269       | 0.0296       |              |               |                |                |                |                |                |
| 6/30/2017     | 0.0350                  | 0.0426       | 0.0303       | 0.0311       | 0.0176       |              |              |               |                |                |                |                |                |
| 6/30/2018     | 0.0444                  | 0.0405       | 0.0402       | 0.0382       |              |              |              |               |                |                |                |                |                |
| 6/30/2019     | 0.0404                  | 0.0433       | 0.0437       |              |              |              |              |               |                |                |                |                |                |
| 6/30/2020     | 0.0558                  | 0.0432       |              |              |              |              |              |               |                |                |                |                |                |
| 6/30/2021     | 0.0448                  |              |              |              |              |              |              |               |                |                |                |                |                |

|          |        |        |        |        |        |        |        |        |        |        |        |        |        |
|----------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Best 3/5 | 0.0432 | 0.0427 | 0.0398 | 0.0355 | 0.0198 | 0.0125 | 0.0085 | 0.0090 | 0.0039 | 0.0033 | 0.0038 | 0.0022 | 0.0014 |
|----------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|



Premises / Operations (Subline Code 334)  
Manufacturers and Contractors  
Full Coverage  
Multistate  
Fringe Coverage - Occurrence  
Incurred Accident Year Basic Limits Loss Development Excluding ALAE

| \$100,000 Basic Limit Losses as of : |                  |                  |                  |                  |                  |                  |                  |                  |                   |                   |                   |
|--------------------------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-------------------|-------------------|-------------------|
| <u>A.Y.E.</u>                        | <u>15 Months</u> | <u>27 Months</u> | <u>39 Months</u> | <u>51 Months</u> | <u>63 Months</u> | <u>75 Months</u> | <u>87 Months</u> | <u>99 Months</u> | <u>111 Months</u> | <u>123 Months</u> | <u>135 Months</u> |
| 6/30/2003                            | 18,515,407       | 23,911,597       | 28,822,347       | 30,250,500       | 29,235,397       | 29,907,840       | 28,880,966       | 29,287,319       | 29,397,809        | 29,153,847        | 29,193,359        |
| 6/30/2004                            | 15,980,957       | 22,021,414       | 26,706,609       | 27,339,982       | 27,539,972       | 25,643,965       | 25,065,458       | 25,072,755       | 24,987,316        | 25,222,183        | 25,012,347        |
| 6/30/2005                            | 16,597,010       | 21,488,626       | 24,157,368       | 25,359,005       | 24,579,379       | 24,537,575       | 24,517,158       | 24,705,836       | 24,804,286        | 24,679,604        | 24,728,164        |
| 6/30/2006                            | 19,141,810       | 24,351,844       | 26,171,943       | 25,409,446       | 25,431,180       | 25,218,059       | 25,186,725       | 25,178,943       | 24,823,213        | 25,059,959        | 25,036,086        |
| 6/30/2007                            | 17,404,892       | 20,799,270       | 23,067,923       | 23,474,395       | 22,895,329       | 22,494,072       | 22,321,688       | 22,519,032       | 22,454,584        | 22,433,422        | 22,362,255        |
| 6/30/2008                            | 15,037,585       | 17,698,220       | 18,893,575       | 19,137,500       | 19,192,783       | 18,702,479       | 18,353,111       | 18,522,640       | 18,551,643        | 18,534,401        | 18,718,735        |
| 6/30/2009                            | 13,076,980       | 16,872,892       | 18,748,480       | 18,922,444       | 19,129,468       | 18,917,786       | 18,668,270       | 18,471,141       | 18,294,663        | 18,307,351        | 18,262,547        |
| 6/30/2010                            | 13,063,884       | 15,172,606       | 16,004,053       | 15,865,880       | 15,221,627       | 15,271,093       | 15,402,641       | 15,349,369       | 15,410,905        | 15,503,252        | 15,602,001        |
| 6/30/2011                            | 12,043,072       | 13,308,660       | 14,419,899       | 13,127,227       | 13,130,479       | 13,000,249       | 13,231,112       | 13,146,961       | 13,201,886        | 13,264,507        | 13,246,174        |
| 6/30/2012                            | 5,370,314        | 6,526,943        | 7,080,361        | 7,967,906        | 7,579,701        | 7,929,150        | 8,085,464        | 8,309,327        | 8,288,517         | 8,257,543         | 8,287,483         |
| 6/30/2013                            | 5,947,942        | 6,981,663        | 7,354,598        | 7,958,957        | 8,340,369        | 8,499,478        | 8,395,277        | 8,477,829        | 8,575,305         | 8,293,638         |                   |
| 6/30/2014                            | 5,467,946        | 7,931,171        | 9,112,946        | 9,524,151        | 9,419,791        | 9,642,955        | 9,565,868        | 9,635,420        | 9,611,533         |                   |                   |
| 6/30/2015                            | 7,010,636        | 9,363,135        | 9,736,507        | 10,833,092       | 10,848,442       | 10,798,705       | 10,644,725       | 10,547,558       |                   |                   |                   |
| 6/30/2016                            | 6,560,351        | 7,926,549        | 8,818,115        | 8,858,313        | 9,228,450        | 9,188,267        | 9,235,656        |                  |                   |                   |                   |
| 6/30/2017                            | 5,740,233        | 7,798,596        | 8,712,693        | 9,099,518        | 9,502,035        | 9,452,814        |                  |                  |                   |                   |                   |
| 6/30/2018                            | 7,590,561        | 9,122,653        | 11,330,742       | 11,907,099       | 12,141,042       |                  |                  |                  |                   |                   |                   |
| 6/30/2019                            | 5,662,802        | 6,619,675        | 6,940,881        | 8,034,720        |                  |                  |                  |                  |                   |                   |                   |
| 6/30/2020                            | 5,114,966        | 6,615,960        | 7,822,247        |                  |                  |                  |                  |                  |                   |                   |                   |
| 6/30/2021                            | 6,475,514        | 7,568,924        |                  |                  |                  |                  |                  |                  |                   |                   |                   |
| 6/30/2022                            | 6,701,297        |                  |                  |                  |                  |                  |                  |                  |                   |                   |                   |

  

| <u>A.Y.E.</u> | <u>147 Months</u> | <u>159 Months</u> | <u>171 Months</u> | <u>183 Months</u> | <u>195 Months</u> | <u>207 Months</u> | <u>219 Months</u> | <u>231 Months</u> | <u>243 Months</u> |
|---------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| 6/30/2003     | 29,070,096        | 28,962,300        | 29,062,300        | 29,064,801        | 29,064,800        | 29,164,800        | 29,378,361        | 29,378,087        | 29,372,632        |
| 6/30/2004     | 25,083,991        | 25,100,643        | 25,082,991        | 25,082,994        | 25,092,991        | 25,365,853        | 25,390,103        | 25,390,103        |                   |
| 6/30/2005     | 24,596,339        | 24,608,945        | 24,603,945        | 24,603,770        | 24,628,070        | 24,727,230        | 24,725,375        |                   |                   |
| 6/30/2006     | 24,888,196        | 24,777,030        | 24,872,584        | 25,052,256        | 24,947,040        | 24,947,040        |                   |                   |                   |
| 6/30/2007     | 22,358,005        | 22,382,258        | 22,518,762        | 22,518,751        | 22,517,983        |                   |                   |                   |                   |
| 6/30/2008     | 18,727,532        | 18,779,627        | 18,729,627        | 18,658,743        |                   |                   |                   |                   |                   |
| 6/30/2009     | 18,412,548        | 18,414,941        | 18,414,941        |                   |                   |                   |                   |                   |                   |
| 6/30/2010     | 15,624,599        | 15,642,099        |                   |                   |                   |                   |                   |                   |                   |
| 6/30/2011     | 13,146,882        |                   |                   |                   |                   |                   |                   |                   |                   |

Premises / Operations (Subline Code 334)  
 Manufacturers and Contractors  
 Full Coverage  
 Multistate  
 Fringe Coverage - Occurrence  
 Incurred Accident Year Basic Limits Loss Development Excluding ALAE

|           | Link Ratios      |                |                |                |                |                |                |                |                 |                |                |
|-----------|------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|-----------------|----------------|----------------|
| A.Y.E.    | <u>27:15</u>     | <u>39:27</u>   | <u>51:39</u>   | <u>63:51</u>   | <u>75:63</u>   | <u>87:75</u>   | <u>99:87</u>   | <u>111:99</u>  | <u>123:111</u>  | <u>135:123</u> | <u>147:135</u> |
| 6/30/2003 | 1.291            | 1.205          | 1.050          | 0.966          | 1.023          | 0.966          | 1.014          | 1.004          | 0.992           | 1.001          | 0.996          |
| 6/30/2004 | 1.378            | 1.213          | 1.024          | 1.007          | 0.931          | 0.977          | 1.000          | 0.997          | 1.009           | 0.992          | 1.003          |
| 6/30/2005 | 1.295            | 1.124          | 1.050          | 0.969          | 0.998          | 0.999          | 1.008          | 1.004          | 0.995           | 1.002          | 0.995          |
| 6/30/2006 | 1.272            | 1.075          | 0.971          | 1.001          | 0.992          | 0.999          | 1.000          | 0.986          | 1.010           | 0.999          | 0.994          |
| 6/30/2007 | 1.195            | 1.109          | 1.018          | 0.975          | 0.982          | 0.992          | 1.009          | 0.997          | 0.999           | 0.997          | 1.000          |
| 6/30/2008 | 1.177            | 1.068          | 1.013          | 1.003          | 0.974          | 0.981          | 1.009          | 1.002          | 0.999           | 1.010          | 1.000          |
| 6/30/2009 | 1.290            | 1.111          | 1.009          | 1.011          | 0.989          | 0.987          | 0.989          | 0.990          | 1.001           | 0.998          | 1.008          |
| 6/30/2010 | 1.161            | 1.055          | 0.991          | 0.959          | 1.003          | 1.009          | 0.997          | 1.004          | 1.006           | 1.006          | 1.001          |
| 6/30/2011 | 1.105            | 1.083          | 0.910          | 1.000          | 0.990          | 1.018          | 0.994          | 1.004          | 1.005           | 0.999          | 0.993          |
| 6/30/2012 | 1.215            | 1.085          | 1.125          | 0.951          | 1.046          | 1.020          | 1.028          | 0.997          | 0.996           | 1.004          |                |
| 6/30/2013 | 1.174            | 1.053          | 1.082          | 1.048          | 1.019          | 0.988          | 1.010          | 1.011          | 0.967           |                |                |
| 6/30/2014 | 1.450            | 1.149          | 1.045          | 0.989          | 1.024          | 0.992          | 1.007          | 0.998          |                 |                |                |
| 6/30/2015 | 1.336            | 1.040          | 1.113          | 1.001          | 0.995          | 0.986          | 0.991          |                |                 |                |                |
| 6/30/2016 | 1.208            | 1.112          | 1.005          | 1.042          | 0.996          | 1.005          |                |                |                 |                |                |
| 6/30/2017 | 1.359            | 1.117          | 1.044          | 1.044          | 0.995          |                |                |                |                 |                |                |
| 6/30/2018 | 1.202            | 1.242          | 1.051          | 1.020          |                |                |                |                |                 |                |                |
| 6/30/2019 | 1.169            | 1.049          | 1.158          |                |                |                |                |                |                 |                |                |
| 6/30/2020 | 1.293            | 1.182          |                |                |                |                |                |                |                 |                |                |
| 6/30/2021 | 1.169            |                |                |                |                |                |                |                |                 |                |                |
| 3 Yr Mean | 1.210            | 1.158          | 1.084          | 1.035          | 0.995          | 0.994          | 1.003          | 1.002          | 0.989           | 1.003          | 1.001          |
| Best 3/5  | 1.221            | 1.137          | 1.069          | 1.021          | 1.003          | 0.995          | 1.004          | 1.002          | 1.001           | 1.003          | 1.000          |
|           | <u>159:147</u>   | <u>171:159</u> | <u>183:171</u> | <u>195:183</u> | <u>207:195</u> | <u>219:207</u> | <u>231:219</u> | <u>243:231</u> |                 |                |                |
| 6/30/2003 | 0.996            | 1.003          | 1.000          | 1.000          | 1.003          | 1.007          | 1.000          | 1.000          |                 |                |                |
| 6/30/2004 | 1.001            | 0.999          | 1.000          | 1.000          | 1.011          | 1.001          | 1.000          | <b>1.001</b>   |                 |                |                |
| 6/30/2005 | 1.001            | 1.000          | 1.000          | 1.001          | 1.004          | 1.000          | <b>1.002</b>   | <b>1.001</b>   |                 |                |                |
| 6/30/2006 | 0.996            | 1.004          | 1.007          | 0.996          | 1.000          | <b>1.002</b>   | <b>1.002</b>   | <b>1.001</b>   |                 |                |                |
| 6/30/2007 | 1.001            | 1.006          | 1.000          | 1.000          | <b>1.000</b>   | <b>1.002</b>   | <b>1.002</b>   | <b>1.001</b>   |                 |                |                |
| 6/30/2008 | 1.003            | 0.997          | 0.996          |                |                |                |                |                |                 |                |                |
| 6/30/2009 | 1.000            | 1.000          |                |                |                |                |                |                |                 |                |                |
| 6/30/2010 | 1.001            |                |                |                |                |                |                |                |                 |                |                |
| 3 Yr Mean | 1.001            | 1.001          | 1.001          | 0.999          | 1.005          | 1.003          | 1.000          | 1.000          |                 |                |                |
| Best 3/5  | 1.001            | 1.001          | 1.000          | 1.000          | <b>1.002</b>   | <b>1.002</b>   | <b>1.001</b>   | <b>1.001</b>   |                 |                |                |
|           | Development From |                |                |                |                |                |                |                |                 |                |                |
| A.Y.E.    | <u>15/ 27</u>    | <u>27/ 39</u>  | <u>39/ 51</u>  | <u>51/ 63</u>  | <u>63/ 75</u>  | <u>75/ 87</u>  | <u>87/ 99</u>  | <u>99/111</u>  | <u>111/123</u>  | <u>123/135</u> | <u>135/147</u> |
| 6/30/2018 |                  |                |                |                | 1.003          | 0.995          | 1.004          | 1.002          | 1.001           | 1.003          | 1.000          |
| 6/30/2019 |                  |                |                | 1.021          | 1.003          | 0.995          | 1.004          | 1.002          | 1.001           | 1.003          | 1.000          |
| 6/30/2020 |                  |                | 1.069          | 1.021          | 1.003          | 0.995          | 1.004          | 1.002          | 1.001           | 1.003          | 1.000          |
| 6/30/2021 |                  | 1.137          | 1.069          | 1.021          | 1.003          | 0.995          | 1.004          | 1.002          | 1.001           | 1.003          | 1.000          |
| 6/30/2022 | 1.221            | 1.137          | 1.069          | 1.021          | 1.003          | 0.995          | 1.004          | 1.002          | 1.001           | 1.003          | 1.000          |
|           | <u>147/159</u>   | <u>159/171</u> | <u>171/183</u> | <u>183/195</u> | <u>195/207</u> | <u>207/219</u> | <u>219/231</u> | <u>231/243</u> | <u>243/011t</u> |                | <u>FACTORS</u> |
| 6/30/2018 | 1.001            | 1.001          | 1.000          | 1.000          | 1.002          | 1.002          | 1.001          | 1.001          | <b>1.001</b>    |                | 1.017          |
| 6/30/2019 | 1.001            | 1.001          | 1.000          | 1.000          | 1.002          | 1.002          | 1.001          | 1.001          | <b>1.001</b>    |                | 1.038          |
| 6/30/2020 | 1.001            | 1.001          | 1.000          | 1.000          | 1.002          | 1.002          | 1.001          | 1.001          | <b>1.001</b>    |                | 1.110          |
| 6/30/2021 | 1.001            | 1.001          | 1.000          | 1.000          | 1.002          | 1.002          | 1.001          | 1.001          | <b>1.001</b>    |                | 1.262          |
| 6/30/2022 | 1.001            | 1.001          | 1.000          | 1.000          | 1.002          | 1.002          | 1.001          | 1.001          | <b>1.001</b>    |                | 1.541          |

**Bold - Calculated Using Modified Bondy Method**

*Italics - Three year mean Excludes Modified Bondy ratios*

Premises / Operations (Subline Code 334)  
 Manufacturers and Contractors  
 Full Coverage  
 Multistate  
 Fringe Coverage - Occurrence  
 Incurred Accident Year ALAE Development

| A.Y.E.    | <u>15 Months</u>  | <u>27 Months</u>  | <u>39 Months</u>  | <u>51 Months</u>  | <u>63 Months</u>  | <u>75 Months</u>  | <u>87 Months</u>  | <u>99 Months</u>  | <u>111 Months</u> | <u>123 Months</u> | <u>135 Months</u> |
|-----------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| 6/30/2003 | 2,431,652         | 4,797,756         | 9,611,363         | 14,060,775        | 15,279,591        | 17,816,062        | 17,490,711        | 18,248,804        | 19,107,419        | 19,563,210        | 19,777,023        |
| 6/30/2004 | 3,471,420         | 6,421,849         | 10,184,143        | 13,409,418        | 22,361,781        | 24,117,361        | 20,354,587        | 20,723,287        | 21,409,030        | 21,517,076        | 21,573,609        |
| 6/30/2005 | 2,821,534         | 7,251,890         | 12,787,845        | 16,883,188        | 18,697,152        | 20,835,200        | 21,789,948        | 22,007,777        | 22,462,924        | 23,650,838        | 23,684,616        |
| 6/30/2006 | 3,679,167         | 6,415,210         | 12,139,515        | 15,867,716        | 18,204,930        | 20,179,350        | 20,309,118        | 20,815,312        | 21,030,881        | 20,908,386        | 21,172,544        |
| 6/30/2007 | 4,185,411         | 6,458,925         | 9,385,580         | 12,044,581        | 14,288,577        | 15,364,368        | 15,886,957        | 16,538,836        | 16,906,531        | 16,892,947        | 16,450,173        |
| 6/30/2008 | 3,246,712         | 7,703,084         | 10,341,169        | 12,586,018        | 14,039,051        | 15,311,274        | 15,556,429        | 15,841,825        | 16,223,407        | 16,325,982        | 16,373,890        |
| 6/30/2009 | 5,107,384         | 7,775,744         | 11,283,007        | 14,560,102        | 17,142,969        | 19,168,712        | 18,867,157        | 18,983,599        | 19,861,525        | 20,455,699        | 20,320,984        |
| 6/30/2010 | 2,687,423         | 5,610,784         | 8,351,740         | 10,575,067        | 12,214,126        | 12,509,868        | 13,055,117        | 13,138,431        | 13,531,470        | 13,658,149        | 13,747,684        |
| 6/30/2011 | 2,899,750         | 5,514,817         | 8,459,228         | 9,678,297         | 12,411,353        | 11,900,059        | 12,515,104        | 12,250,148        | 12,471,711        | 12,484,228        | 12,488,911        |
| 6/30/2012 | 701,963           | 3,606,104         | 6,631,214         | 10,074,961        | 10,327,141        | 11,625,331        | 12,433,541        | 12,380,730        | 12,467,500        | 12,027,850        | 12,652,257        |
| 6/30/2013 | 1,561,086         | 3,742,851         | 7,285,757         | 8,830,576         | 10,229,146        | 10,607,233        | 11,385,099        | 12,236,716        | 12,796,752        | 13,296,708        |                   |
| 6/30/2014 | 2,063,857         | 4,092,570         | 8,929,505         | 10,590,002        | 19,363,226        | 19,759,059        | 20,655,311        | 22,781,649        | 23,350,270        |                   |                   |
| 6/30/2015 | 2,597,897         | 4,511,418         | 7,942,202         | 11,002,378        | 11,725,606        | 12,220,234        | 12,125,454        | 12,374,784        |                   |                   |                   |
| 6/30/2016 | 1,798,783         | 5,730,398         | 7,973,243         | 10,958,928        | 12,401,227        | 13,298,062        | 13,765,817        |                   |                   |                   |                   |
| 6/30/2017 | 1,068,931         | 2,951,273         | 4,502,079         | 7,108,408         | 9,209,547         | 9,745,079         |                   |                   |                   |                   |                   |
| 6/30/2018 | 2,743,091         | 4,694,250         | 6,236,595         | 8,005,767         | 9,853,144         |                   |                   |                   |                   |                   |                   |
| 6/30/2019 | 1,043,330         | 1,472,909         | 2,166,614         | 3,790,377         |                   |                   |                   |                   |                   |                   |                   |
| 6/30/2020 | 791,602           | 2,711,815         | 4,844,671         |                   |                   |                   |                   |                   |                   |                   |                   |
| 6/30/2021 | 614,737           | 2,178,495         |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| 6/30/2022 | 1,162,723         |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |
|           | <u>147 Months</u> | <u>159 Months</u> | <u>171 Months</u> | <u>183 Months</u> | <u>195 Months</u> | <u>207 Months</u> | <u>219 Months</u> | <u>231 Months</u> | <u>243 Months</u> |                   |                   |
| 6/30/2003 | 20,185,006        | 20,214,161        | 20,214,161        | 20,228,666        | 20,228,672        | 20,434,657        | 20,434,657        | 20,434,657        | 20,434,657        |                   |                   |
| 6/30/2004 | 21,314,829        | 21,415,172        | 21,429,774        | 21,429,774        | 21,433,716        | 21,436,442        | 21,428,610        | 21,428,610        |                   |                   |                   |
| 6/30/2005 | 23,689,719        | 23,702,996        | 23,699,743        | 23,707,145        | 23,707,593        | 23,728,640        | 23,732,446        |                   |                   |                   |                   |
| 6/30/2006 | 21,739,801        | 21,138,303        | 21,276,480        | 21,391,100        | 21,056,827        | 21,056,827        |                   |                   |                   |                   |                   |
| 6/30/2007 | 16,453,316        | 16,557,500        | 16,611,424        | 16,611,424        | 16,611,424        |                   |                   |                   |                   |                   |                   |
| 6/30/2008 | 16,386,186        | 16,563,598        | 16,560,413        | 16,500,975        |                   |                   |                   |                   |                   |                   |                   |
| 6/30/2009 | 20,339,808        | 20,345,438        | 20,357,914        |                   |                   |                   |                   |                   |                   |                   |                   |
| 6/30/2010 | 13,828,318        | 13,881,618        |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| 6/30/2011 | 12,487,144        |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |

Premises / Operations (Subline Code 334)  
 Manufacturers and Contractors  
 Full Coverage  
 Multistate  
 Fringe Coverage - Occurrence  
 Incurred Accident Year Incremental ALAE Development

|           | Increments   |              |              |              |              |              |              |               |                |                |                |                |                |
|-----------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|---------------|----------------|----------------|----------------|----------------|----------------|
| A.Y.E.    | <u>27:15</u> | <u>39:27</u> | <u>51:39</u> | <u>63:51</u> | <u>75:63</u> | <u>87:75</u> | <u>99:87</u> | <u>111:99</u> | <u>123:111</u> | <u>135:123</u> | <u>147:135</u> | <u>159:147</u> | <u>171:159</u> |
| 6/30/2003 | 2,366,104    | 4,813,607    | 4,449,412    | 1,218,816    | 2,536,471    | -325,351     | 758,093      | 858,615       | 455,791        | 213,813        | 407,983        | 29,155         | 0              |
| 6/30/2004 | 2,950,429    | 3,762,294    | 3,225,275    | 8,952,363    | 1,755,580    | -3,762,774   | 368,700      | 685,743       | 108,046        | 56,533         | -258,780       | 100,343        | 14,602         |
| 6/30/2005 | 4,430,356    | 5,535,955    | 4,095,343    | 1,813,964    | 2,138,048    | 954,748      | 217,829      | 455,147       | 1,187,914      | 33,778         | 5,103          | 13,277         | -3,253         |
| 6/30/2006 | 2,736,043    | 5,724,305    | 3,728,201    | 2,337,214    | 1,974,420    | 129,768      | 506,194      | 215,569       | -122,495       | 264,158        | 567,257        | -601,498       | 138,177        |
| 6/30/2007 | 2,273,514    | 2,926,655    | 2,659,001    | 2,243,996    | 1,075,791    | 522,589      | 651,879      | 367,695       | -13,584        | -442,774       | 3,143          | 104,184        | 53,924         |
| 6/30/2008 | 4,456,372    | 2,638,085    | 2,244,849    | 1,453,033    | 1,272,223    | 245,155      | 285,396      | 381,582       | 102,575        | 47,908         | 12,296         | 177,412        | -3,185         |
| 6/30/2009 | 2,668,360    | 3,507,263    | 3,277,095    | 2,582,867    | 2,025,743    | -301,555     | 116,442      | 877,926       | 594,174        | -134,715       | 18,824         | 5,630          | 12,476         |
| 6/30/2010 | 2,923,361    | 2,740,956    | 2,223,327    | 1,639,059    | 295,742      | 545,249      | 83,314       | 393,039       | 126,679        | 89,535         | 80,634         | 53,300         |                |
| 6/30/2011 | 2,615,067    | 2,944,411    | 1,219,069    | 2,733,056    | -511,294     | 615,045      | -264,956     | 221,563       | 12,517         | 4,683          | -1,767         |                |                |
| 6/30/2012 | 2,904,141    | 3,025,110    | 3,443,747    | 252,180      | 1,298,190    | 808,210      | -52,811      | 86,770        | -439,650       | 624,407        |                |                |                |
| 6/30/2013 | 2,181,765    | 3,542,906    | 1,544,819    | 1,398,570    | 378,087      | 777,866      | 851,617      | 560,036       | 499,956        |                |                |                |                |
| 6/30/2014 | 2,028,713    | 4,836,935    | 1,660,497    | 8,773,224    | 395,833      | 896,252      | 2,126,338    | 568,621       |                |                |                |                |                |
| 6/30/2015 | 1,913,521    | 3,430,784    | 3,060,176    | 723,228      | 494,628      | -94,780      | 249,330      |               |                |                |                |                |                |
| 6/30/2016 | 3,931,615    | 2,242,845    | 2,985,685    | 1,442,299    | 896,835      | 467,755      |              |               |                |                |                |                |                |
| 6/30/2017 | 1,882,342    | 1,550,806    | 2,606,329    | 2,101,139    | 535,532      |              |              |               |                |                |                |                |                |
| 6/30/2018 | 1,951,159    | 1,542,345    | 1,769,172    | 1,847,377    |              |              |              |               |                |                |                |                |                |
| 6/30/2019 | 429,579      | 693,705      | 1,623,763    |              |              |              |              |               |                |                |                |                |                |
| 6/30/2020 | 1,920,213    | 2,132,856    |              |              |              |              |              |               |                |                |                |                |                |
| 6/30/2021 | 1,563,758    |              |              |              |              |              |              |               |                |                |                |                |                |

|               | Incremental Percentages |              |              |              |              |              |              |               |                |                |                |                |                |
|---------------|-------------------------|--------------|--------------|--------------|--------------|--------------|--------------|---------------|----------------|----------------|----------------|----------------|----------------|
| <u>A.Y.E.</u> | <u>27:15</u>            | <u>39:27</u> | <u>51:39</u> | <u>63:51</u> | <u>75:63</u> | <u>87:75</u> | <u>99:87</u> | <u>111:99</u> | <u>123:111</u> | <u>135:123</u> | <u>147:135</u> | <u>159:147</u> | <u>171:159</u> |
| 6/30/2003     | 0.0528                  | 0.1074       | 0.0992       | 0.0272       | 0.0566       | -0.0073      | 0.0169       | 0.0192        | 0.0102         | 0.0048         | 0.0091         | 0.0007         | 0.0000         |
| 6/30/2004     | 0.0757                  | 0.0965       | 0.0827       | 0.2296       | 0.0450       | -0.0965      | 0.0095       | 0.0176        | 0.0028         | 0.0015         | -0.0066        | 0.0026         | 0.0004         |
| 6/30/2005     | 0.1139                  | 0.1423       | 0.1053       | 0.0466       | 0.0550       | 0.0245       | 0.0056       | 0.0117        | 0.0305         | 0.0009         | 0.0001         | 0.0003         | -0.0001        |
| 6/30/2006     | 0.0655                  | 0.1371       | 0.0893       | 0.0560       | 0.0473       | 0.0031       | 0.0121       | 0.0052        | -0.0029        | 0.0063         | 0.0136         | -0.0144        | 0.0033         |
| 6/30/2007     | 0.0610                  | 0.0785       | 0.0713       | 0.0602       | 0.0289       | 0.0140       | 0.0175       | 0.0099        | -0.0004        | -0.0119        | 0.0001         | 0.0028         | 0.0014         |
| 6/30/2008     | 0.1630                  | 0.0965       | 0.0821       | 0.0531       | 0.0465       | 0.0090       | 0.0104       | 0.0140        | 0.0038         | 0.0018         | 0.0004         | 0.0065         | -0.0001        |
| 6/30/2009     | 0.0844                  | 0.1110       | 0.1037       | 0.0817       | 0.0641       | -0.0095      | 0.0037       | 0.0278        | 0.0188         | -0.0043        | 0.0006         | 0.0002         | 0.0004         |
| 6/30/2010     | 0.1343                  | 0.1260       | 0.1022       | 0.0753       | 0.0136       | 0.0251       | 0.0038       | 0.0181        | 0.0058         | 0.0041         | 0.0037         | 0.0024         |                |
| 6/30/2011     | 0.1244                  | 0.1401       | 0.0580       | 0.1300       | -0.0243      | 0.0293       | -0.0126      | 0.0105        | 0.0006         | 0.0002         | -0.0001        |                |                |
| 6/30/2012     | 0.1978                  | 0.2061       | 0.2346       | 0.0172       | 0.0884       | 0.0551       | -0.0036      | 0.0059        | -0.0299        | 0.0425         |                |                |                |
| 6/30/2013     | 0.1759                  | 0.2857       | 0.1246       | 0.1128       | 0.0305       | 0.0627       | -0.0687      | 0.0452        | 0.0403         |                |                |                |                |
| 6/30/2014     | 0.1229                  | 0.2930       | 0.1006       | 0.5314       | 0.0240       | 0.0543       | 0.1288       | 0.0344        |                |                |                |                |                |
| 6/30/2015     | 0.0915                  | 0.1641       | 0.1464       | 0.0346       | 0.0237       | -0.0045      | 0.0119       |               |                |                |                |                |                |
| 6/30/2016     | 0.1986                  | 0.1133       | 0.1508       | 0.0729       | 0.0453       | 0.0236       |              |               |                |                |                |                |                |
| 6/30/2017     | 0.1236                  | 0.1018       | 0.1712       | 0.1380       | 0.0352       |              |              |               |                |                |                |                |                |
| 6/30/2018     | 0.0924                  | 0.0730       | 0.0838       | 0.0875       |              |              |              |               |                |                |                |                |                |
| 6/30/2019     | 0.0344                  | 0.0555       | 0.1299       |              |              |              |              |               |                |                |                |                |                |
| 6/30/2020     | 0.1198                  | 0.1331       |              |              |              |              |              |               |                |                |                |                |                |
| 6/30/2021     | 0.0880                  |              |              |              |              |              |              |               |                |                |                |                |                |
| Best 3/5      | 0.1001                  | 0.0960       | 0.1424       | 0.0995       | 0.0299       | 0.0443       | 0.0257       | 0.0210        | 0.0084         | 0.0020         | 0.0004         | 0.0018         | 0.0006         |

## MINNESOTA

## Premises/Operations

Owners, Landlords and Tenants  
 Bodily Injury  
 Full Coverage  
 Incurred Losses Excluding ALAE

## Calculation of Loss Development Factors

| (1)                  | (2)                                 | (3)                | (4)                | (5)                   |                              |
|----------------------|-------------------------------------|--------------------|--------------------|-----------------------|------------------------------|
| Evaluation<br>Period | Multistate<br>Ratio (A)             | State<br>Ratio (B) | Credibility<br>(C) | Weighted<br>Ratio (D) | Credibility<br>Constant (Ki) |
| 15 to 27 Months      | 1.389                               | 1.088              | 0.8368             | 1.137                 | 1,900,000                    |
| 27 to 39 Months      | 1.181                               | 0.987              | 0.8477             | 1.017                 | 2,200,000                    |
| 39 to 51 Months      | 1.060                               | 0.973              | 0.8321             | 0.988                 | 2,700,000                    |
| 51 to 63 Months      | 1.008                               | 0.955              | 0.7680             | 0.967                 | 3,300,000                    |
| 63 to 75 Months      | 1.000                               | 0.994              | 0.6967             | 0.996                 | 4,000,000                    |
| 75 to 87 Months      | 0.997                               | 1.003              | 0.6592             | 1.001                 | 4,800,000                    |
| 87 to 99 Months      | 0.999                               | 0.984              | 0.6367             | 0.989                 | 5,800,000                    |
| 99 to 111 Months     | 0.999                               | 1.000              | 0.5936             | 1.000                 | 7,000,000                    |
| 111 to 123 Months    | 0.999                               | 1.000              | 0.5336             | 1.000                 | 8,500,000                    |
| 123 to 135 Months    | 1.000                               | 1.000              | 0.4724             | 1.000                 | 10,300,000                   |
| 135 to 147 Months    | 1.000                               | 1.000              | 0.4411             | 1.000                 | 12,500,000                   |
| 147 to 159 Months    | 1.000                               | 1.000              | 0.3987             | 1.000                 | 15,100,000                   |
| 159 to 171 Months    | 1.001                               | 1.000              | 0.3504             | 1.001                 | 18,200,000                   |
| 171 to 183 Months    | 1.001                               | 1.000              | 0.2720             | 1.001                 | 22,100,000                   |
| 183 to 195 Months    | 1.000                               | 1.000              | 0.2062             | 1.000                 | 26,700,000                   |
| 195 to 207 Months    | 1.001                               | 1.000              | 0.1703             | 1.001                 | 32,400,000                   |
| 207 to 219 Months    | 1.001                               | 1.000              | 0.1323             | 1.001                 | 39,300,000                   |
| 219 to 231 Months    | 1.001                               | 1.000              | 0.0804             | 1.001                 | 47,600,000                   |
| 231 to 243 Months    | 1.001                               | 1.000              | 0.0276             | 1.001                 | 57,700,000                   |
| 243 to Ultimate      | The Multistate ratio has been used. |                    |                    |                       |                              |

| Accident Year | Loss Development From |         |         |         |         |         |         |         |         |         |         |
|---------------|-----------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| Ending        | 27:15                 | 39:27   | 51:39   | 63:51   | 75:63   | 87:75   | 99:87   | 111:99  | 123:111 | 135:123 | 147:135 |
| 6/30/2020     |                       |         | 0.988   | 0.967   | 0.996   | 1.001   | 0.989   | 1.000   | 1.000   | 1.000   | 1.000   |
| 6/30/2021     |                       | 1.017   | 0.988   | 0.967   | 0.996   | 1.001   | 0.989   | 1.000   | 1.000   | 1.000   | 1.000   |
| 6/30/2022     | 1.137                 | 1.017   | 0.988   | 0.967   | 0.996   | 1.001   | 0.989   | 1.000   | 1.000   | 1.000   | 1.000   |
|               | 159:147               | 171:159 | 183:171 | 195:183 | 207:195 | 219:207 | 231:219 | 243:231 | ULT:243 |         | Factor  |
| 6/30/2020     | 1.000                 | 1.001   | 1.001   | 1.000   | 1.001   | 1.001   | 1.001   | 1.001   | 1.004   |         | 0.950   |
| 6/30/2021     | 1.000                 | 1.001   | 1.001   | 1.000   | 1.001   | 1.001   | 1.001   | 1.001   | 1.004   |         | 0.966   |
| 6/30/2022     | 1.000                 | 1.001   | 1.001   | 1.000   | 1.001   | 1.001   | 1.001   | 1.001   | 1.004   |         | 1.098   |

(A) See Exhibit C5 - Multistate Loss Development.

(B) See Exhibit C5 - Statewide Loss Development.

(C) Credibility is based upon the statewide losses for each evaluation period.

(D)  $\{(3) \times (4)\} + \{(2) \times \{1.000 - (4)\}\}$

## MINNESOTA

## Premises/Operations

Owners, Landlords and Tenants

Bodily Injury

Full and Deductible Coverage

ALAE

## Calculation of Cumulative Incremental Factors

|                   | (1)                  | (2)   | (3)                | (4)                | (5)                   |                              |
|-------------------|----------------------|---|--------------------|--------------------|-----------------------|------------------------------|
|                   | Evaluation<br>Period | Multistate<br>Ratio (A)                     | State<br>Ratio (B) | Credibility<br>(C) | Weighted<br>Ratio (D) | Credibility<br>Constant (Ki) |
| 15 to 27 Months   |                      | 0.0544                                      | 0.0336             | 0.8368             | 0.0370                | 1,900,000                    |
| 27 to 39 Months   |                      | 0.0658                                      | 0.0430             | 0.8477             | 0.0465                | 2,200,000                    |
| 39 to 51 Months   |                      | 0.0501                                      | 0.0271             | 0.8321             | 0.0310                | 2,700,000                    |
| 51 to 63 Months   |                      | 0.0271                                      | 0.0078             | 0.7680             | 0.0123                | 3,300,000                    |
| 63 to 75 Months   |                      | 0.0133                                      | 0.0035             | 0.6967             | 0.0065                | 4,000,000                    |
| 75 to 87 Months   |                      | 0.0071                                      | 0.0111             | 0.6592             | 0.0097                | 4,800,000                    |
| 87 to 99 Months   |                      | 0.0038                                      | 0.0034             | 0.6367             | 0.0035                | 5,800,000                    |
| 99 to 111 Months  |                      | 0.0029                                      | -0.0001            | 0.5936             | 0.0011                | 7,000,000                    |
| 111 to 123 Months |                      | 0.0021                                      | 0.0000             | 0.5336             | 0.0010                | 8,500,000                    |
| 123 to 135 Months |                      | 0.0010                                      | 0.0000             | 0.4724             | 0.0005                | 10,300,000                   |
| 135 to 147 Months |                      | 0.0008                                      | 0.0000             | 0.4411             | 0.0004                | 12,500,000                   |
| 147 to 159 Months |                      | 0.0007                                      | 0.0025             | 0.3987             | 0.0014                | 15,100,000                   |
| 159 to 171 Months |                      | 0.0012                                      | 0.0000             | 0.3504             | 0.0008                | 18,200,000                   |
| 171 to Ultimate   |                      | A multistate ratio of 0.0000 has been used. |                    |                    |                       |                              |

|                           | Cumulative Incremental Factors |            |            |            |            |            |            |
|---------------------------|--------------------------------|------------|------------|------------|------------|------------|------------|
| <u>Months-to-Ultimate</u> | <u>15</u>                      | <u>27</u>  | <u>39</u>  | <u>51</u>  | <u>63</u>  | <u>75</u>  | <u>87</u>  |
|                           | 0.152                          | 0.115      | 0.068      | 0.037      | 0.025      | 0.018      | 0.009      |
| <u>Months-to-Ultimate</u> | <u>99</u>                      | <u>111</u> | <u>123</u> | <u>135</u> | <u>147</u> | <u>159</u> | <u>171</u> |
|                           | 0.005                          | 0.004      | 0.003      | 0.003      | 0.002      | 0.001      | 0.000      |

Full coverage

|           | Reported ALAE<br>as of 12/31/2022 | \$500,000<br>Ultimate Indemnity | ALAE<br>Factor | Additional<br>ALAE | Ultimate<br>ALAE |
|-----------|-----------------------------------|---------------------------------|----------------|--------------------|------------------|
| A.Y.E     |                                   |                                 |                |                    |                  |
| 9/30/2020 | 830,117                           | 4,769,760                       | 0.068          | 325,298            | 1,155,415        |
| 9/30/2021 | 471,573                           | 6,855,212                       | 0.115          | 786,293            | 1,257,866        |
| 9/30/2022 | 309,257                           | 6,688,191                       | 0.152          | 1,014,599          | 1,323,856        |

Deductible Coverage

|           | Reported ALAE<br>as of 12/31/2022 | \$500,000<br>Ultimate Indemnity | ALAE<br>Factor | Additional<br>ALAE | Ultimate<br>ALAE |
|-----------|-----------------------------------|---------------------------------|----------------|--------------------|------------------|
| A.Y.E     |                                   |                                 |                |                    |                  |
| 9/30/2020 | 7,689                             | 449,476                         | 0.068          | 30,654             | 38,343           |
| 9/30/2021 | 33,230                            | 284,375                         | 0.115          | 32,618             | 65,848           |
| 9/30/2022 | 22,506                            | 914,497                         | 0.152          | 138,729            | 161,235          |

(A) See Exhibit C5 - Multistate Loss Development.

(B) See Exhibit C5 - Statewide Loss Development.

(C) Credibility is based upon the statewide losses for each evaluation period.

(D)  $\{(3) \times (4)\} + \{(2) \times \{1.000 - (4)\}\}$

## MINNESOTA

## Premises/Operations

Owners, Landlords and Tenants  
 Property Damage  
 Full Coverage  
 Incurred Losses Excluding ALAE

## Calculation of Loss Development Factors

| (1)                  | (2)                                 | (3)                | (4)                | (5)                   |                              |
|----------------------|-------------------------------------|--------------------|--------------------|-----------------------|------------------------------|
| Evaluation<br>Period | Multistate<br>Ratio (A)             | State<br>Ratio (B) | Credibility<br>(C) | Weighted<br>Ratio (D) | Credibility<br>Constant (Ki) |
| 15 to 27 Months      | 1.132                               | 1.092              | 0.6145             | 1.107                 | 1,100,000                    |
| 27 to 39 Months      | 1.077                               | 1.045              | 0.6214             | 1.057                 | 1,200,000                    |
| 39 to 51 Months      | 1.042                               | 1.078              | 0.6314             | 1.065                 | 1,400,000                    |
| 51 to 63 Months      | 1.015                               | 1.005              | 0.6263             | 1.009                 | 1,500,000                    |
| 63 to 75 Months      | 1.004                               | 0.985              | 0.5734             | 0.993                 | 1,700,000                    |
| 75 to 87 Months      | 1.010                               | 1.000              | 0.4561             | 1.005                 | 2,000,000                    |
| 87 to 99 Months      | 1.004                               | 1.000              | 0.4134             | 1.002                 | 2,300,000                    |
| 99 to 111 Months     | 1.004                               | 1.000              | 0.3428             | 1.003                 | 2,600,000                    |
| 111 to 123 Months    | 1.000                               | 1.000              | 0.3097             | 1.000                 | 2,900,000                    |
| 123 to 135 Months    | 1.002                               | 1.000              | 0.2840             | 1.001                 | 3,300,000                    |
| 135 to 147 Months    | 1.002                               | 0.964              | 0.2776             | 0.991                 | 3,800,000                    |
| 147 to 159 Months    | 0.999                               | 1.000              | 0.2052             | 0.999                 | 4,400,000                    |
| 159 to 171 Months    | 1.000                               | 1.000              | 0.1493             | 1.000                 | 5,000,000                    |
| 171 to 183 Months    | 1.001                               | 1.000              | 0.1124             | 1.001                 | 5,600,000                    |
| 183 to 195 Months    | 1.001                               | 1.000              | 0.1107             | 1.001                 | 6,400,000                    |
| 195 to 207 Months    | 1.001                               | 1.000              | 0.1109             | 1.001                 | 7,300,000                    |
| 207 to 219 Months    | 1.001                               | 1.000              | 0.1284             | 1.001                 | 8,300,000                    |
| 219 to 231 Months    | 1.001                               | 1.000              | 0.0913             | 1.001                 | 9,500,000                    |
| 231 to 243 Months    | 1.001                               | 1.000              | 0.0431             | 1.001                 | 10,900,000                   |
| 243 to Ultimate      | The Multistate ratio has been used. |                    |                    |                       |                              |

| Accident Year | Loss Development From |                |                |                |                |                |                |                |                |                |                |
|---------------|-----------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| Ending        | <u>27:15</u>          | <u>39:27</u>   | <u>51:39</u>   | <u>63:51</u>   | <u>75:63</u>   | <u>87:75</u>   | <u>99:87</u>   | <u>111:99</u>  | <u>123:111</u> | <u>135:123</u> | <u>147:135</u> |
| 6/30/2020     |                       |                | 1.065          | 1.009          | 0.993          | 1.005          | 1.002          | 1.003          | 1.000          | 1.001          | 0.991          |
| 6/30/2021     |                       | 1.057          | 1.065          | 1.009          | 0.993          | 1.005          | 1.002          | 1.003          | 1.000          | 1.001          | 0.991          |
| 6/30/2022     | 1.107                 | 1.057          | 1.065          | 1.009          | 0.993          | 1.005          | 1.002          | 1.003          | 1.000          | 1.001          | 0.991          |
|               | <u>159:147</u>        | <u>171:159</u> | <u>183:171</u> | <u>195:183</u> | <u>207:195</u> | <u>219:207</u> | <u>231:219</u> | <u>243:231</u> | <u>ULT:243</u> |                | <u>Factor</u>  |
| 6/30/2020     | 0.999                 | 1.000          | 1.001          | 1.001          | 1.001          | 1.001          | 1.001          | 1.001          | 1.005          |                | 1.080          |
| 6/30/2021     | 0.999                 | 1.000          | 1.001          | 1.001          | 1.001          | 1.001          | 1.001          | 1.001          | 1.005          |                | 1.142          |
| 6/30/2022     | 0.999                 | 1.000          | 1.001          | 1.001          | 1.001          | 1.001          | 1.001          | 1.001          | 1.005          |                | 1.265          |

(A) See Exhibit C5 - Multistate Loss Development.

(B) See Exhibit C5 - Statewide Loss Development.

(C) Credibility is based upon the statewide losses for each evaluation period.

(D)  $\{(3) \times (4)\} + \{(2) \times \{1.000 - (4)\}\}$

## MINNESOTA

## Premises/Operations

Owners, Landlords and Tenants  
Property Damage  
Full and Deductible Coverage  
ALAE

## Calculation of Cumulative Incremental Factors

|                   | (1)                  | (2)   | (3)                | (4)                | (5)                   |                              |
|-------------------|----------------------|---|--------------------|--------------------|-----------------------|------------------------------|
|                   | Evaluation<br>Period | Multistate<br>Ratio (A)                     | State<br>Ratio (B) | Credibility<br>(C) | Weighted<br>Ratio (D) | Credibility<br>Constant (Ki) |
| 15 to 27 Months   |                      | 0.0751                                      | 0.0607             | 0.6145             | 0.0663                | 1,100,000                    |
| 27 to 39 Months   |                      | 0.0814                                      | 0.0929             | 0.6214             | 0.0885                | 1,200,000                    |
| 39 to 51 Months   |                      | 0.0686                                      | 0.1177             | 0.6314             | 0.0996                | 1,400,000                    |
| 51 to 63 Months   |                      | 0.0421                                      | 0.0075             | 0.6263             | 0.0204                | 1,500,000                    |
| 63 to 75 Months   |                      | 0.0327                                      | -0.0323            | 0.5734             | -0.0046               | 1,700,000                    |
| 75 to 87 Months   |                      | 0.0099                                      | 0.0004             | 0.4561             | 0.0056                | 2,000,000                    |
| 87 to 99 Months   |                      | 0.0190                                      | 0.0000             | 0.4134             | 0.0111                | 2,300,000                    |
| 99 to 111 Months  |                      | 0.0115                                      | 0.0000             | 0.3428             | 0.0076                | 2,600,000                    |
| 111 to 123 Months |                      | 0.0106                                      | 0.0000             | 0.3097             | 0.0073                | 2,900,000                    |
| 123 to 135 Months |                      | 0.0104                                      | 0.0000             | 0.2840             | 0.0074                | 3,300,000                    |
| 135 to 147 Months |                      | 0.0051                                      | 0.0000             | 0.2776             | 0.0037                | 3,800,000                    |
| 147 to 159 Months |                      | 0.0038                                      | 0.0000             | 0.2052             | 0.0030                | 4,400,000                    |
| 159 to 171 Months |                      | 0.0042                                      | 0.0000             | 0.1493             | 0.0036                | 5,000,000                    |
| 171 to Ultimate   |                      | A multistate ratio of 0.0000 has been used. |                    |                    |                       |                              |

| Cumulative Incremental Factors |           |            |            |            |            |            |            |
|--------------------------------|-----------|------------|------------|------------|------------|------------|------------|
| <u>Months-to-Ultimate</u>      | <u>15</u> | <u>27</u>  | <u>39</u>  | <u>51</u>  | <u>63</u>  | <u>75</u>  | <u>87</u>  |
|                                | 0.320     | 0.253      | 0.165      | 0.065      | 0.045      | 0.049      | 0.044      |
| <u>Months-to-Ultimate</u>      | <u>99</u> | <u>111</u> | <u>123</u> | <u>135</u> | <u>147</u> | <u>159</u> | <u>171</u> |
|                                | 0.033     | 0.025      | 0.018      | 0.010      | 0.007      | 0.004      | 0.000      |

Full coverage

| A.Y.E     | Reported ALAE<br>as of 12/31/2022 | \$500,000<br>Ultimate Indemnity | ALAE<br>Factor | Additional<br>ALAE | Ultimate<br>ALAE |
|-----------|-----------------------------------|---------------------------------|----------------|--------------------|------------------|
| 9/30/2020 | 263,561                           | 2,532,760                       | 0.165          | 417,146            | 680,707          |
| 9/30/2021 | 149,922                           | 1,251,648                       | 0.253          | 316,917            | 466,839          |
| 9/30/2022 | 47,407                            | 1,557,841                       | 0.320          | 497,730            | 545,137          |

Deductible Coverage

| A.Y.E     | Reported ALAE<br>as of 12/31/2022 | \$500,000<br>Ultimate Indemnity | ALAE<br>Factor | Additional<br>ALAE | Ultimate<br>ALAE |
|-----------|-----------------------------------|---------------------------------|----------------|--------------------|------------------|
| 9/30/2020 | 11,001                            | 129,543                         | 0.165          | 21,336             | 32,337           |
| 9/30/2021 | 0                                 | 31,975                          | 0.253          | 8,096              | 8,096            |
| 9/30/2022 | 2,473                             | 66,873                          | 0.320          | 21,366             | 23,839           |

(A) See Exhibit C5 - Multistate Loss Development.

(B) See Exhibit C5 - Statewide Loss Development.

(C) Credibility is based upon the statewide losses for each evaluation period.

(D)  $\{(3) \times (4)\} + \{(2) \times \{1.000 - (4)\}\}$



## MINNESOTA

## Premises/Operations

Owners, Landlords and Tenants

Fringe

Full Coverage

ALAE

## Calculation of Cumulative Incremental Factors

| (1)                  | (2)   |
|----------------------|---|
| Evaluation<br>Period | Multistate<br>Ratio (A)                     |
| 15 to 27 Months      | 0.1864                                      |
| 27 to 39 Months      | 0.1295                                      |
| 39 to 51 Months      | 0.1070                                      |
| 51 to 63 Months      | 0.0911                                      |
| 63 to 75 Months      | 0.0607                                      |
| 75 to 87 Months      | 0.0477                                      |
| 87 to 99 Months      | 0.0424                                      |
| 99 to 111 Months     | 0.0232                                      |
| 111 to 123 Months    | 0.0148                                      |
| 123 to 135 Months    | 0.0272                                      |
| 135 to 147 Months    | 0.0014                                      |
| 147 to 159 Months    | 0.0031                                      |
| 159 to 171 Months    | 0.0020                                      |
| 171 to Ultimate      | A multistate ratio of 0.0000 has been used. |

| Cumulative Incremental Factors |           |            |            |            |            |            |            |
|--------------------------------|-----------|------------|------------|------------|------------|------------|------------|
| <u>Months-to-Ultimate</u>      | <u>15</u> | <u>27</u>  | <u>39</u>  | <u>51</u>  | <u>63</u>  | <u>75</u>  | <u>87</u>  |
|                                | 0.737     | 0.550      | 0.421      | 0.314      | 0.223      | 0.162      | 0.114      |
| <u>Months-to-Ultimate</u>      | <u>99</u> | <u>111</u> | <u>123</u> | <u>135</u> | <u>147</u> | <u>159</u> | <u>171</u> |
|                                | 0.072     | 0.049      | 0.034      | 0.007      | 0.005      | 0.002      | 0.000      |

Full coverage

| <u>A.Y.E</u> | <u>Reported ALAE<br/>as of 12/31/2022</u> | <u>\$500,000<br/>Ultimate Indemnity</u> | <u>ALAE<br/>Factor</u> | <u>Additional<br/>ALAE</u> | <u>Ultimate<br/>ALAE</u> |
|--------------|---|---|------------------------|----------------------------|--------------------------|
| 9/30/2020    | 33,508                                    | 315,510                                 | 0.421                  | 132,704                    | 166,212                  |
| 9/30/2021    | 8,486,098                                 | 462,883                                 | 0.550                  | 254,632                    | 8,740,730                |
| 9/30/2022    | 12,000                                    | 384,896                                 | 0.737                  | 283,476                    | 295,476                  |

(A) See Exhibit C5 - Multistate Loss Development.

Note : Fringe Incremental ALAE Factors are calculated using multistate data.

Premises / Operations (Subline Code 334)  
 Owners, Landlords and Tenants  
 Full Coverage  
 MINNESOTA  
 Bodily Injury - Occurrence  
 Incurred Accident Year Basic Limits Loss Development Excluding ALAE

| \$100,000 Basic Limit Losses as of : |                  |                  |                  |                  |                  |                  |                  |                  |                   |                   |                   |
|--------------------------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-------------------|-------------------|-------------------|
| <u>A.Y.E.</u>                        | <u>15 Months</u> | <u>27 Months</u> | <u>39 Months</u> | <u>51 Months</u> | <u>63 Months</u> | <u>75 Months</u> | <u>87 Months</u> | <u>99 Months</u> | <u>111 Months</u> | <u>123 Months</u> | <u>135 Months</u> |
| 6/30/2003                            | 2,498,002        | 1,806,676        | 2,140,185        | 1,710,377        | 1,746,975        | 1,684,876        | 1,653,876        | 1,638,876        | 1,637,553         | 1,637,553         | 1,637,553         |
| 6/30/2004                            | 2,345,947        | 2,779,415        | 2,957,851        | 2,798,979        | 2,792,571        | 2,636,387        | 2,519,387        | 2,519,387        | 2,519,387         | 2,522,926         | 2,522,926         |
| 6/30/2005                            | 2,465,292        | 2,426,324        | 2,508,524        | 2,016,270        | 1,986,185        | 1,920,935        | 1,945,956        | 1,862,104        | 1,833,436         | 1,833,435         | 1,833,435         |
| 6/30/2006                            | 3,143,231        | 2,759,280        | 2,450,090        | 2,810,351        | 2,785,330        | 2,679,330        | 2,566,723        | 2,389,812        | 2,390,812         | 2,394,813         | 2,394,812         |
| 6/30/2007                            | 3,297,953        | 3,292,699        | 2,961,349        | 2,933,026        | 2,893,055        | 2,806,335        | 2,913,835        | 2,853,835        | 2,867,185         | 2,807,185         | 2,807,185         |
| 6/30/2008                            | 4,009,634        | 3,841,220        | 3,600,938        | 3,599,722        | 3,542,927        | 3,222,796        | 3,124,527        | 3,183,576        | 3,153,210         | 3,153,210         | 3,153,210         |
| 6/30/2009                            | 4,677,283        | 4,709,663        | 4,557,179        | 3,852,961        | 3,868,023        | 3,875,683        | 3,961,147        | 3,898,871        | 3,855,095         | 3,855,095         | 3,855,095         |
| 6/30/2010                            | 4,021,463        | 3,391,140        | 3,324,424        | 3,178,565        | 3,002,487        | 2,976,916        | 3,025,916        | 3,000,915        | 3,003,286         | 3,003,286         | 3,003,286         |
| 6/30/2011                            | 4,833,035        | 4,054,111        | 3,806,572        | 3,474,084        | 3,233,985        | 3,240,715        | 3,003,715        | 3,006,368        | 3,006,368         | 3,006,368         | 3,006,368         |
| 6/30/2012                            | 3,857,841        | 3,218,945        | 3,463,998        | 3,320,779        | 3,409,228        | 3,318,125        | 3,311,625        | 3,211,625        | 3,211,625         | 3,211,625         | 3,211,625         |
| 6/30/2013                            | 3,570,212        | 3,707,819        | 3,603,791        | 3,537,161        | 3,503,997        | 3,537,318        | 3,637,310        | 3,558,387        | 3,508,309         | 3,508,309         |                   |
| 6/30/2014                            | 3,799,523        | 3,873,251        | 3,610,122        | 3,693,918        | 3,551,679        | 3,491,207        | 3,551,542        | 3,453,207        | 3,453,207         |                   |                   |
| 6/30/2015                            | 2,997,611        | 3,292,665        | 3,171,696        | 3,208,584        | 3,002,076        | 3,063,576        | 2,974,176        | 2,983,676        |                   |                   |                   |
| 6/30/2016                            | 2,933,678        | 2,761,644        | 2,795,608        | 2,723,373        | 2,762,177        | 2,728,096        | 2,712,212        |                  |                   |                   |                   |
| 6/30/2017                            | 3,755,322        | 4,376,990        | 4,089,349        | 3,813,309        | 3,422,243        | 3,356,644        |                  |                  |                   |                   |                   |
| 6/30/2018                            | 4,559,284        | 4,916,634        | 4,728,808        | 4,389,841        | 4,250,302        |                  |                  |                  |                   |                   |                   |
| 6/30/2019                            | 4,183,429        | 4,621,865        | 4,559,594        | 4,624,344        |                  |                  |                  |                  |                   |                   |                   |
| 6/30/2020                            | 3,156,721        | 2,705,520        | 2,801,455        |                  |                  |                  |                  |                  |                   |                   |                   |
| 6/30/2021                            | 2,399,490        | 2,594,398        |                  |                  |                  |                  |                  |                  |                   |                   |                   |
| 6/30/2022                            | 2,779,860        |                  |                  |                  |                  |                  |                  |                  |                   |                   |                   |

  

| <u>A.Y.E.</u> | <u>147 Months</u> | <u>159 Months</u> | <u>171 Months</u> | <u>183 Months</u> | <u>195 Months</u> | <u>207 Months</u> | <u>219 Months</u> | <u>231 Months</u> | <u>243 Months</u> |
|---------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| 6/30/2003     | 1,637,553         | 1,637,553         | 1,637,553         | 1,637,553         | 1,637,553         | 1,637,553         | 1,637,553         | 1,637,553         | 1,637,553         |
| 6/30/2004     | 2,522,926         | 2,522,926         | 2,522,926         | 2,522,926         | 2,522,926         | 2,522,926         | 2,522,926         | 2,522,926         |                   |
| 6/30/2005     | 1,833,435         | 1,833,435         | 1,833,435         | 1,833,435         | 1,833,435         | 1,833,435         | 1,833,435         |                   |                   |
| 6/30/2006     | 2,394,812         | 2,394,812         | 2,294,812         | 2,294,812         | 2,294,812         | 2,294,817         |                   |                   |                   |
| 6/30/2007     | 2,807,185         | 2,807,185         | 2,807,185         | 2,807,185         | 2,807,185         |                   |                   |                   |                   |
| 6/30/2008     | 3,153,210         | 3,153,210         | 3,153,210         | 3,153,210         |                   |                   |                   |                   |                   |
| 6/30/2009     | 3,855,095         | 3,856,095         | 3,870,096         |                   |                   |                   |                   |                   |                   |
| 6/30/2010     | 3,003,286         | 3,003,286         |                   |                   |                   |                   |                   |                   |                   |
| 6/30/2011     | 3,006,368         |                   |                   |                   |                   |                   |                   |                   |                   |

Premises / Operations (Subline Code 334)  
 Owners, Landlords and Tenants  
 Full Coverage  
 MINNESOTA  
 Bodily Injury - Occurrence  
 Incurred Accident Year Basic Limits Loss Development Excluding ALAE

|           | Link Ratios  |              |              |              |              |              |              |               |                |                |                |
|-----------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|---------------|----------------|----------------|----------------|
| A.Y.E.    | <u>27:15</u> | <u>39:27</u> | <u>51:39</u> | <u>63:51</u> | <u>75:63</u> | <u>87:75</u> | <u>99:87</u> | <u>111:99</u> | <u>123:111</u> | <u>135:123</u> | <u>147:135</u> |
| 6/30/2003 | 0.723        | 1.185        | 0.799        | 1.021        | 0.964        | 0.982        | 0.991        | 0.999         | 1.000          | 1.000          | 1.000          |
| 6/30/2004 | 1.185        | 1.064        | 0.946        | 0.998        | 0.944        | 0.956        | 1.000        | 1.000         | 1.001          | 1.000          | 1.000          |
| 6/30/2005 | 0.984        | 1.034        | 0.804        | 0.985        | 0.967        | 1.013        | 0.957        | 0.985         | 1.000          | 1.000          | 1.000          |
| 6/30/2006 | 0.878        | 0.888        | 1.147        | 0.991        | 0.962        | 0.958        | 0.931        | 1.000         | 1.002          | 1.000          | 1.000          |
| 6/30/2007 | 0.998        | 0.899        | 0.990        | 0.986        | 0.970        | 1.038        | 0.979        | 1.005         | 0.979          | 1.000          | 1.000          |
| 6/30/2008 | 0.958        | 0.937        | 1.000        | 0.984        | 0.910        | 0.970        | 1.019        | 0.990         | 1.000          | 1.000          | 1.000          |
| 6/30/2009 | 1.007        | 0.968        | 0.845        | 1.004        | 1.002        | 1.022        | 0.984        | 0.989         | 1.000          | 1.000          | 1.000          |
| 6/30/2010 | 0.843        | 0.980        | 0.956        | 0.945        | 0.991        | 1.016        | 0.992        | 1.001         | 1.000          | 1.000          | 1.000          |
| 6/30/2011 | 0.839        | 0.939        | 0.913        | 0.931        | 1.002        | 0.927        | 1.001        | 1.000         | 1.000          | 1.000          | 1.000          |
| 6/30/2012 | 0.834        | 1.076        | 0.959        | 1.027        | 0.973        | 0.998        | 0.970        | 1.000         | 1.000          | 1.000          |                |
| 6/30/2013 | 1.039        | 0.972        | 0.982        | 0.991        | 1.010        | 1.028        | 0.978        | 0.986         | 1.000          |                |                |
| 6/30/2014 | 1.019        | 0.932        | 1.023        | 0.961        | 0.983        | 1.017        | 0.972        | 1.000         |                |                |                |
| 6/30/2015 | 1.098        | 0.963        | 1.012        | 0.936        | 1.020        | 0.971        | 1.003        |               |                |                |                |
| 6/30/2016 | 0.941        | 1.012        | 0.974        | 1.014        | 0.988        | 0.994        |              |               |                |                |                |
| 6/30/2017 | 1.166        | 0.934        | 0.932        | 0.897        | 0.981        |              |              |               |                |                |                |
| 6/30/2018 | 1.078        | 0.962        | 0.928        | 0.968        |              |              |              |               |                |                |                |
| 6/30/2019 | 1.105        | 0.987        | 1.014        |              |              |              |              |               |                |                |                |
| 6/30/2020 | 0.857        | 1.035        |              |              |              |              |              |               |                |                |                |
| 6/30/2021 | 1.081        |              |              |              |              |              |              |               |                |                |                |

|           |       |       |       |       |       |       |       |       |       |       |       |
|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 3 Yr Mean | 1.014 | 0.995 | 0.958 | 0.960 | 0.996 | 0.994 | 0.984 | 0.995 | 1.000 | 1.000 | 1.000 |
| Best 3/5  | 1.088 | 0.987 | 0.973 | 0.955 | 0.994 | 1.003 | 0.984 | 1.000 | 1.000 | 1.000 | 1.000 |

| A.Y.E.    | <u>159:147</u> | <u>171:159</u> | <u>183:171</u> | <u>195:183</u> | <u>207:195</u> | <u>219:207</u> | <u>231:219</u> | <u>243:231</u> |  |  |  |
|-----------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|--|--|--|
| 6/30/2003 | 1.000          | 1.000          | 1.000          | 1.000          | 1.000          | 1.000          | 1.000          | 1.000          |  |  |  |
| 6/30/2004 | 1.000          | 1.000          | 1.000          | 1.000          | 1.000          | 1.000          | 1.000          | <b>1.000</b>   |  |  |  |
| 6/30/2005 | 1.000          | 1.000          | 1.000          | 1.000          | 1.000          | 1.000          | <b>1.000</b>   | <b>1.000</b>   |  |  |  |
| 6/30/2006 | 1.000          | 0.958          | 1.000          | 1.000          | 1.000          | <b>1.000</b>   | <b>1.000</b>   | <b>1.000</b>   |  |  |  |
| 6/30/2007 | 1.000          | 1.000          | 1.000          | 1.000          | <b>1.000</b>   | <b>1.000</b>   | <b>1.000</b>   | <b>1.000</b>   |  |  |  |
| 6/30/2008 | 1.000          | 1.000          | 1.000          |                |                |                |                |                |  |  |  |
| 6/30/2009 | 1.000          | 1.004          |                |                |                |                |                |                |  |  |  |
| 6/30/2010 | 1.000          |                |                |                |                |                |                |                |  |  |  |
| 3 Yr Mean | 1.000          | 1.001          | 1.000          | 1.000          | 1.000          | 1.000          | 1.000          | 1.000          |  |  |  |
| Best 3/5  | 1.000          | 1.000          | 1.000          | 1.000          | <b>1.000</b>   | <b>1.000</b>   | <b>1.000</b>   | <b>1.000</b>   |  |  |  |

|           | Development From |                |                |                |                |                |                |                |                |                |                |
|-----------|------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| A.Y.E.    | <u>15/ 27</u>    | <u>27/ 39</u>  | <u>39/ 51</u>  | <u>51/ 63</u>  | <u>63/ 75</u>  | <u>75/ 87</u>  | <u>87/ 99</u>  | <u>99/111</u>  | <u>111/123</u> | <u>123/135</u> | <u>135/147</u> |
| 6/30/2018 |                  |                |                |                | 0.994          | 1.003          | 0.984          | 1.000          | 1.000          | 1.000          | 1.000          |
| 6/30/2019 |                  |                |                | 0.955          | 0.994          | 1.003          | 0.984          | 1.000          | 1.000          | 1.000          | 1.000          |
| 6/30/2020 |                  |                | 0.973          | 0.955          | 0.994          | 1.003          | 0.984          | 1.000          | 1.000          | 1.000          | 1.000          |
| 6/30/2021 |                  | 0.987          | 0.973          | 0.955          | 0.994          | 1.003          | 0.984          | 1.000          | 1.000          | 1.000          | 1.000          |
| 6/30/2022 | 1.088            | 0.987          | 0.973          | 0.955          | 0.994          | 1.003          | 0.984          | 1.000          | 1.000          | 1.000          | 1.000          |
|           |                  |                |                |                |                |                |                |                |                |                |                |
| A.Y.E.    | <u>147/159</u>   | <u>159/171</u> | <u>171/183</u> | <u>183/195</u> | <u>195/207</u> | <u>207/219</u> | <u>219/231</u> | <u>231/243</u> | <u>243/255</u> | FACTORS        |                |
| 6/30/2018 | 1.000            | 1.000          | 1.000          | 1.000          | 1.000          | 1.000          | 1.000          | 1.000          | 1.000          |                | 0.981          |
| 6/30/2019 | 1.000            | 1.000          | 1.000          | 1.000          | 1.000          | 1.000          | 1.000          | 1.000          | 1.000          |                | 0.937          |
| 6/30/2020 | 1.000            | 1.000          | 1.000          | 1.000          | 1.000          | 1.000          | 1.000          | 1.000          | 1.000          |                | 0.912          |
| 6/30/2021 | 1.000            | 1.000          | 1.000          | 1.000          | 1.000          | 1.000          | 1.000          | 1.000          | 1.000          |                | 0.900          |
| 6/30/2022 | 1.000            | 1.000          | 1.000          | 1.000          | 1.000          | 1.000          | 1.000          | 1.000          | 1.000          |                | 0.979          |

**Bold - Calculated Using Modified Bondy Method**

*Italics - Three year mean Excludes Modified Bondy ratios*

Premises / Operations (Subline Code 334)  
 Owners, Landlords and Tenants  
 Full Coverage  
 MINNESOTA  
 Bodily Injury - Occurrence  
 Incurred Accident Year ALAE Development

| A.Y.E.    | <u>15 Months</u> | <u>27 Months</u> | <u>39 Months</u> | <u>51 Months</u> | <u>63 Months</u> | <u>75 Months</u> | <u>87 Months</u> | <u>99 Months</u> | <u>111 Months</u> | <u>123 Months</u> | <u>135 Months</u> |
|-----------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-------------------|-------------------|-------------------|
| 6/30/2003 | 243,089          | 365,866          | 489,380          | 497,153          | 547,018          | 587,688          | 625,682          | 618,061          | 618,441           | 618,441           | 618,441           |
| 6/30/2004 | 201,531          | 273,836          | 438,048          | 626,542          | 662,231          | 681,604          | 681,077          | 681,458          | 681,459           | 684,361           | 684,361           |
| 6/30/2005 | 191,844          | 372,078          | 601,844          | 642,339          | 640,317          | 629,609          | 645,330          | 675,391          | 700,392           | 698,786           | 698,786           |
| 6/30/2006 | 149,995          | 640,675          | 735,268          | 887,049          | 955,831          | 998,814          | 1,045,623        | 1,088,621        | 1,108,979         | 1,120,335         | 1,125,956         |
| 6/30/2007 | 387,893          | 1,086,130        | 1,320,930        | 1,438,101        | 1,570,526        | 1,628,837        | 1,634,564        | 1,630,719        | 1,660,100         | 1,662,158         | 1,662,158         |
| 6/30/2008 | 165,172          | 297,790          | 471,732          | 686,389          | 896,245          | 1,066,854        | 1,081,501        | 1,104,767        | 1,087,268         | 1,087,268         | 1,087,268         |
| 6/30/2009 | 160,627          | 337,601          | 813,881          | 1,038,376        | 1,149,487        | 1,204,543        | 1,237,895        | 1,249,794        | 1,253,612         | 1,253,612         | 1,253,612         |
| 6/30/2010 | 221,822          | 440,324          | 930,872          | 1,276,892        | 1,292,471        | 1,270,106        | 1,310,570        | 1,300,114        | 1,298,514         | 1,298,514         | 1,298,514         |
| 6/30/2011 | 199,933          | 263,828          | 439,066          | 530,502          | 613,793          | 628,767          | 692,014          | 698,135          | 698,135           | 698,135           | 698,135           |
| 6/30/2012 | 247,431          | 477,281          | 539,519          | 653,377          | 890,254          | 1,011,124        | 1,004,995        | 1,004,996        | 1,004,996         | 1,004,996         | 1,004,996         |
| 6/30/2013 | 253,596          | 726,727          | 763,001          | 742,693          | 728,746          | 722,310          | 809,850          | 862,076          | 863,746           | 863,746           |                   |
| 6/30/2014 | 426,687          | 736,978          | 1,288,603        | 1,256,311        | 1,276,459        | 1,297,775        | 1,368,704        | 1,370,170        | 1,345,248         |                   |                   |
| 6/30/2015 | 370,186          | 630,720          | 792,185          | 759,126          | 690,819          | 709,201          | 712,234          | 744,377          |                   |                   |                   |
| 6/30/2016 | 310,350          | 487,853          | 594,580          | 818,697          | 838,784          | 1,050,866        | 1,220,535        |                  |                   |                   |                   |
| 6/30/2017 | 320,430          | 436,299          | 667,471          | 666,533          | 755,404          | 760,965          |                  |                  |                   |                   |                   |
| 6/30/2018 | 502,789          | 665,489          | 757,241          | 1,019,561        | 1,088,233        |                  |                  |                  |                   |                   |                   |
| 6/30/2019 | 431,061          | 695,908          | 1,019,579        | 1,209,276        |                  |                  |                  |                  |                   |                   |                   |
| 6/30/2020 | 150,585          | 311,464          | 599,424          |                  |                  |                  |                  |                  |                   |                   |                   |
| 6/30/2021 | 223,713          | 342,505          |                  |                  |                  |                  |                  |                  |                   |                   |                   |
| 6/30/2022 | 167,682          |                  |                  |                  |                  |                  |                  |                  |                   |                   |                   |

| A.Y.E     | <u>147 Months</u> | <u>159 Months</u> | <u>171 Months</u> | <u>183 Months</u> | <u>195 Months</u> | <u>207 Months</u> | <u>219 Months</u> | <u>231 Months</u> | <u>243 Months</u> |
|-----------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| 6/30/2003 | 618,441           | 618,441           | 618,441           | 618,441           | 618,441           | 618,441           | 618,441           | 618,441           | 618,441           |
| 6/30/2004 | 684,361           | 684,361           | 684,361           | 684,361           | 684,361           | 684,361           | 684,361           | 684,361           |                   |
| 6/30/2005 | 698,786           | 698,786           | 698,786           | 698,786           | 698,786           | 698,786           | 698,786           |                   |                   |
| 6/30/2006 | 1,129,179         | 1,154,063         | 1,154,207         | 1,154,257         | 1,154,257         | 1,154,257         |                   |                   |                   |
| 6/30/2007 | 1,662,158         | 1,662,158         | 1,662,158         | 1,662,158         | 1,662,158         |                   |                   |                   |                   |
| 6/30/2008 | 1,087,268         | 1,087,268         | 1,087,268         | 1,087,268         |                   |                   |                   |                   |                   |
| 6/30/2009 | 1,253,612         | 1,294,226         | 1,355,320         |                   |                   |                   |                   |                   |                   |
| 6/30/2010 | 1,298,514         | 1,298,514         |                   |                   |                   |                   |                   |                   |                   |
| 6/30/2011 | 698,135           |                   |                   |                   |                   |                   |                   |                   |                   |

Premises / Operations (Subline Code 334)  
 Owners, Landlords and Tenants  
 Full Coverage  
 MINNESOTA  
 Bodily Injury - Occurrence  
 Incurred Accident Year Incremental ALAE Development

|           | Increments   |              |              |              |              |              |              |               |                |                |                |                |                |
|-----------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|---------------|----------------|----------------|----------------|----------------|----------------|
| A.Y.E.    | <u>27:15</u> | <u>39:27</u> | <u>51:39</u> | <u>63:51</u> | <u>75:63</u> | <u>87:75</u> | <u>99:87</u> | <u>111:99</u> | <u>123:111</u> | <u>135:123</u> | <u>147:135</u> | <u>159:147</u> | <u>171:159</u> |
| 6/30/2003 | 122,777      | 123,514      | 7,773        | 49,865       | 40,670       | 37,994       | -7,621       | 380           | 0              | 0              | 0              | 0              | 0              |
| 6/30/2004 | 72,305       | 164,212      | 188,494      | 35,689       | 19,373       | -527         | 381          | 1             | 2,902          | 0              | 0              | 0              | 0              |
| 6/30/2005 | 180,234      | 229,766      | 40,495       | -2,022       | -10,708      | 15,721       | 30,061       | 25,001        | -1,606         | 0              | 0              | 0              | 0              |
| 6/30/2006 | 490,680      | 94,593       | 151,781      | 68,782       | 42,983       | 46,809       | 42,998       | 20,358        | 11,356         | 5,621          | 3,223          | 24,884         | 144            |
| 6/30/2007 | 698,237      | 234,800      | 117,171      | 132,425      | 58,311       | 5,727        | -3,845       | 29,381        | 2,058          | 0              | 0              | 0              | 0              |
| 6/30/2008 | 132,618      | 173,942      | 214,657      | 209,856      | 170,609      | 14,647       | 23,266       | -17,499       | 0              | 0              | 0              | 0              | 0              |
| 6/30/2009 | 176,974      | 476,280      | 224,495      | 111,111      | 55,056       | 33,352       | 11,899       | 3,818         | 0              | 0              | 0              | 40,614         | 61,094         |
| 6/30/2010 | 218,502      | 490,548      | 346,020      | 15,579       | -22,365      | 40,464       | -10,456      | -1,600        | 0              | 0              | 0              | 0              |                |
| 6/30/2011 | 63,895       | 175,238      | 91,436       | 83,291       | 14,974       | 63,247       | 6,121        | 0             | 0              | 0              | 0              |                |                |
| 6/30/2012 | 229,850      | 62,238       | 113,858      | 236,877      | 120,870      | -6,129       | 1            | 0             | 0              | 0              |                |                |                |
| 6/30/2013 | 473,131      | 36,274       | -20,308      | -13,947      | -6,436       | 87,540       | 52,226       | 1,670         | 0              |                |                |                |                |
| 6/30/2014 | 310,291      | 551,625      | -32,292      | 20,148       | 21,316       | 70,929       | 1,466        | -24,922       |                |                |                |                |                |
| 6/30/2015 | 260,534      | 161,465      | -33,059      | -68,307      | 18,382       | 3,033        | 32,143       |               |                |                |                |                |                |
| 6/30/2016 | 177,503      | 106,727      | 224,117      | 20,087       | 212,082      | 169,669      |              |               |                |                |                |                |                |
| 6/30/2017 | 115,869      | 231,172      | -938         | 88,871       | 5,561        |              |              |               |                |                |                |                |                |
| 6/30/2018 | 162,700      | 91,752       | 262,320      | 68,672       |              |              |              |               |                |                |                |                |                |
| 6/30/2019 | 264,847      | 323,671      | 189,697      |              |              |              |              |               |                |                |                |                |                |
| 6/30/2020 | 160,879      | 287,960      |              |              |              |              |              |               |                |                |                |                |                |
| 6/30/2021 | 118,792      |              |              |              |              |              |              |               |                |                |                |                |                |

|               | Incremental Percentages |              |              |              |              |              |              |               |                |                |                |                |                |
|---------------|-------------------------|--------------|--------------|--------------|--------------|--------------|--------------|---------------|----------------|----------------|----------------|----------------|----------------|
| <u>A.Y.E.</u> | <u>27:15</u>            | <u>39:27</u> | <u>51:39</u> | <u>63:51</u> | <u>75:63</u> | <u>87:75</u> | <u>99:87</u> | <u>111:99</u> | <u>123:111</u> | <u>135:123</u> | <u>147:135</u> | <u>159:147</u> | <u>171:159</u> |
| 6/30/2003     | 0.0665                  | 0.0669       | 0.0042       | 0.0270       | 0.0220       | 0.0206       | -0.0041      | 0.0002        | 0.0000         | 0.0000         | 0.0000         | 0.0000         | 0.0000         |
| 6/30/2004     | 0.0230                  | 0.0523       | 0.0600       | 0.0114       | 0.0062       | -0.0002      | 0.0001       | 0.0000        | 0.0009         | 0.0000         | 0.0000         | 0.0000         | 0.0000         |
| 6/30/2005     | 0.0711                  | 0.0907       | 0.0160       | -0.0008      | -0.0042      | 0.0062       | 0.0119       | 0.0099        | -0.0006        | 0.0000         | 0.0000         | 0.0000         | 0.0000         |
| 6/30/2006     | 0.1462                  | 0.0282       | 0.0452       | 0.0205       | 0.0128       | 0.0139       | 0.0128       | 0.0061        | 0.0034         | 0.0017         | 0.0010         | 0.0074         | 0.0000         |
| 6/30/2007     | 0.1604                  | 0.0539       | 0.0269       | 0.0304       | 0.0134       | 0.0013       | -0.0009      | 0.0067        | 0.0005         | 0.0000         | 0.0000         | 0.0000         | 0.0000         |
| 6/30/2008     | 0.0323                  | 0.0424       | 0.0523       | 0.0511       | 0.0416       | 0.0036       | 0.0057       | -0.0043       | 0.0000         | 0.0000         | 0.0000         | 0.0000         | 0.0000         |
| 6/30/2009     | 0.0349                  | 0.0940       | 0.0443       | 0.0219       | 0.0109       | 0.0066       | 0.0023       | 0.0008        | 0.0000         | 0.0000         | 0.0000         | 0.0080         | 0.0121         |
| 6/30/2010     | 0.0512                  | 0.1148       | 0.0810       | 0.0036       | -0.0052      | 0.0095       | -0.0024      | -0.0004       | 0.0000         | 0.0000         | 0.0000         | 0.0000         |                |
| 6/30/2011     | 0.0181                  | 0.0497       | 0.0259       | 0.0236       | 0.0042       | 0.0179       | 0.0017       | 0.0000        | 0.0000         | 0.0000         | 0.0000         |                |                |
| 6/30/2012     | 0.0451                  | 0.0122       | 0.0223       | 0.0465       | 0.0237       | -0.0012      | 0.0000       | 0.0000        | 0.0000         | 0.0000         |                |                |                |
| 6/30/2013     | 0.0953                  | 0.0073       | -0.0041      | -0.0028      | -0.0013      | 0.0176       | 0.0105       | 0.0003        | 0.0000         |                |                |                |                |
| 6/30/2014     | 0.0651                  | 0.1157       | -0.0068      | 0.0042       | 0.0045       | 0.0149       | 0.0003       | -0.0052       |                |                |                |                |                |
| 6/30/2015     | 0.0655                  | 0.0406       | -0.0083      | -0.0172      | 0.0046       | 0.0008       | 0.0081       |               |                |                |                |                |                |
| 6/30/2016     | 0.0463                  | 0.0278       | 0.0584       | 0.0052       | 0.0553       | 0.0442       |              |               |                |                |                |                |                |
| 6/30/2017     | 0.0266                  | 0.0532       | -0.0002      | 0.0204       | 0.0013       |              |              |               |                |                |                |                |                |
| 6/30/2018     | 0.0331                  | 0.0187       | 0.0534       | 0.0140       |              |              |              |               |                |                |                |                |                |
| 6/30/2019     | 0.0392                  | 0.0480       | 0.0281       |              |              |              |              |               |                |                |                |                |                |
| 6/30/2020     | 0.0399                  | 0.0714       |              |              |              |              |              |               |                |                |                |                |                |
| 6/30/2021     | 0.0284                  |              |              |              |              |              |              |               |                |                |                |                |                |

|          |        |        |        |        |        |        |        |         |        |        |        |        |        |
|----------|--------|--------|--------|--------|--------|--------|--------|---------|--------|--------|--------|--------|--------|
| Best 3/5 | 0.0336 | 0.0430 | 0.0271 | 0.0078 | 0.0035 | 0.0111 | 0.0034 | -0.0001 | 0.0000 | 0.0000 | 0.0000 | 0.0025 | 0.0000 |
|----------|--------|--------|--------|--------|--------|--------|--------|---------|--------|--------|--------|--------|--------|

Premises / Operations (Subline Code 334)  
 Owners, Landlords and Tenants  
 Full Coverage  
 MINNESOTA  
 Property Damage - Occurrence  
 Incurred Accident Year Basic Limits Loss Development Excluding ALAE

| \$100,000 Basic Limit Losses as of : |                  |                  |                  |                  |                  |                  |                  |                  |                   |                   |                   |
|--------------------------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-------------------|-------------------|-------------------|
| <u>A.Y.E.</u>                        | <u>15 Months</u> | <u>27 Months</u> | <u>39 Months</u> | <u>51 Months</u> | <u>63 Months</u> | <u>75 Months</u> | <u>87 Months</u> | <u>99 Months</u> | <u>111 Months</u> | <u>123 Months</u> | <u>135 Months</u> |
| 6/30/2003                            | 306,050          | 380,012          | 411,904          | 416,244          | 416,244          | 416,244          | 416,244          | 416,244          | 491,244           | 491,244           | 491,244           |
| 6/30/2004                            | 330,995          | 582,089          | 493,936          | 401,411          | 448,911          | 463,761          | 463,761          | 463,761          | 463,761           | 463,761           | 463,761           |
| 6/30/2005                            | 327,246          | 302,755          | 269,468          | 267,889          | 267,889          | 267,889          | 267,889          | 267,889          | 267,889           | 267,889           | 267,889           |
| 6/30/2006                            | 193,785          | 177,225          | 283,475          | 183,475          | 168,475          | 168,475          | 268,475          | 268,475          | 268,475           | 278,475           | 178,475           |
| 6/30/2007                            | 381,993          | 446,500          | 361,239          | 356,239          | 356,239          | 356,239          | 351,239          | 350,710          | 350,710           | 350,710           | 393,215           |
| 6/30/2008                            | 237,257          | 257,304          | 211,880          | 163,532          | 165,032          | 165,032          | 180,032          | 180,032          | 180,032           | 180,032           | 180,032           |
| 6/30/2009                            | 366,458          | 358,347          | 357,914          | 437,914          | 345,950          | 346,895          | 346,895          | 346,895          | 346,895           | 400,305           | 399,915           |
| 6/30/2010                            | 515,062          | 452,713          | 515,234          | 508,954          | 608,954          | 508,954          | 608,954          | 608,954          | 608,954           | 608,954           | 608,954           |
| 6/30/2011                            | 376,818          | 473,301          | 451,422          | 434,026          | 441,526          | 441,526          | 451,525          | 451,525          | 451,525           | 451,525           | 451,525           |
| 6/30/2012                            | 255,227          | 268,599          | 245,590          | 245,590          | 274,859          | 248,593          | 248,590          | 248,590          | 248,590           | 248,590           | 249,590           |
| 6/30/2013                            | 342,530          | 478,424          | 593,969          | 599,297          | 599,297          | 601,032          | 601,032          | 601,032          | 601,032           | 601,032           |                   |
| 6/30/2014                            | 462,706          | 531,418          | 511,817          | 506,816          | 506,816          | 506,816          | 506,816          | 506,816          | 506,816           |                   |                   |
| 6/30/2015                            | 479,551          | 531,416          | 486,986          | 535,736          | 530,386          | 512,886          | 512,886          | 512,886          |                   |                   |                   |
| 6/30/2016                            | 709,836          | 645,107          | 657,455          | 657,539          | 664,691          | 657,539          | 657,539          |                  |                   |                   |                   |
| 6/30/2017                            | 701,574          | 935,436          | 957,408          | 1,086,851        | 1,090,351        | 1,008,551        |                  |                  |                   |                   |                   |
| 6/30/2018                            | 656,950          | 617,286          | 665,908          | 769,608          | 784,308          |                  |                  |                  |                   |                   |                   |
| 6/30/2019                            | 758,773          | 750,064          | 775,044          | 764,976          |                  |                  |                  |                  |                   |                   |                   |
| 6/30/2020                            | 631,606          | 602,079          | 674,318          |                  |                  |                  |                  |                  |                   |                   |                   |
| 6/30/2021                            | 363,175          | 657,452          |                  |                  |                  |                  |                  |                  |                   |                   |                   |
| 6/30/2022                            | 683,600          |                  |                  |                  |                  |                  |                  |                  |                   |                   |                   |

  

| <u>A.Y.E.</u> | <u>147 Months</u> | <u>159 Months</u> | <u>171 Months</u> | <u>183 Months</u> | <u>195 Months</u> | <u>207 Months</u> | <u>219 Months</u> | <u>231 Months</u> | <u>243 Months</u> |
|---------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| 6/30/2003     | 491,244           | 491,244           | 491,244           | 491,244           | 491,244           | 491,244           | 491,244           | 491,244           | 491,244           |
| 6/30/2004     | 463,761           | 463,761           | 463,761           | 463,761           | 463,761           | 463,761           | 463,761           | 463,761           |                   |
| 6/30/2005     | 267,889           | 267,889           | 267,889           | 267,889           | 267,889           | 267,889           | 267,889           |                   |                   |
| 6/30/2006     | 178,475           | 178,475           | 178,475           | 178,475           | 178,475           | 178,475           |                   |                   |                   |
| 6/30/2007     | 350,710           | 350,710           | 350,710           | 350,710           | 350,710           |                   |                   |                   |                   |
| 6/30/2008     | 180,032           | 180,032           | 180,032           | 180,032           |                   |                   |                   |                   |                   |
| 6/30/2009     | 346,895           | 346,895           | 347,895           |                   |                   |                   |                   |                   |                   |
| 6/30/2010     | 608,954           | 608,954           |                   |                   |                   |                   |                   |                   |                   |
| 6/30/2011     | 451,525           |                   |                   |                   |                   |                   |                   |                   |                   |

Premises / Operations (Subline Code 334)  
 Owners, Landlords and Tenants  
 Full Coverage  
 MINNESOTA  
 Property Damage - Occurrence  
 Incurred Accident Year Basic Limits Loss Development Excluding ALAE

|           | Link Ratios      |                |                |                |                |                |                |                |                |                |                |
|-----------|------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| A.Y.E.    | <u>27:15</u>     | <u>39:27</u>   | <u>51:39</u>   | <u>63:51</u>   | <u>75:63</u>   | <u>87:75</u>   | <u>99:87</u>   | <u>111:99</u>  | <u>123:111</u> | <u>135:123</u> | <u>147:135</u> |
| 6/30/2003 | 1.242            | 1.084          | 1.011          | 1.000          | 1.000          | 1.000          | 1.000          | 1.180          | 1.000          | 1.000          | 1.000          |
| 6/30/2004 | 1.759            | 0.849          | 0.813          | 1.118          | 1.033          | 1.000          | 1.000          | 1.000          | 1.000          | 1.000          | 1.000          |
| 6/30/2005 | 0.925            | 0.890          | 0.994          | 1.000          | 1.000          | 1.000          | 1.000          | 1.000          | 1.000          | 1.000          | 1.000          |
| 6/30/2006 | 0.915            | 1.600          | 0.647          | 0.918          | 1.000          | 1.594          | 1.000          | 1.000          | 1.037          | 0.641          | 1.000          |
| 6/30/2007 | 1.169            | 0.809          | 0.986          | 1.000          | 1.000          | 0.986          | 0.998          | 1.000          | 1.000          | 1.121          | 0.892          |
| 6/30/2008 | 1.084            | 0.823          | 0.772          | 1.009          | 1.000          | 1.091          | 1.000          | 1.000          | 1.000          | 1.000          | 1.000          |
| 6/30/2009 | 0.978            | 0.999          | 1.224          | 0.790          | 1.003          | 1.000          | 1.000          | 1.000          | 1.154          | 0.999          | 0.867          |
| 6/30/2010 | 0.879            | 1.138          | 0.988          | 1.196          | 0.836          | 1.196          | 1.000          | 1.000          | 1.000          | 1.000          | 1.000          |
| 6/30/2011 | 1.256            | 0.954          | 0.961          | 1.017          | 1.000          | 1.023          | 1.000          | 1.000          | 1.000          | 1.000          | 1.000          |
| 6/30/2012 | 1.052            | 0.914          | 1.000          | 1.119          | 0.904          | 1.000          | 1.000          | 1.000          | 1.000          | 1.004          |                |
| 6/30/2013 | 1.397            | 1.242          | 1.009          | 1.000          | 1.003          | 1.000          | 1.000          | 1.000          | 1.000          |                |                |
| 6/30/2014 | 1.149            | 0.963          | 0.990          | 1.000          | 1.000          | 1.000          | 1.000          | 1.000          |                |                |                |
| 6/30/2015 | 1.108            | 0.916          | 1.100          | 0.990          | 0.967          | 1.000          | 1.000          |                |                |                |                |
| 6/30/2016 | 0.909            | 1.019          | 1.000          | 1.011          | 0.989          | 1.000          |                |                |                |                |                |
| 6/30/2017 | 1.333            | 1.023          | 1.135          | 1.003          | 0.925          |                |                |                |                |                |                |
| 6/30/2018 | 0.940            | 1.079          | 1.156          | 1.019          |                |                |                |                |                |                |                |
| 6/30/2019 | 0.989            | 1.033          | 0.987          |                |                |                |                |                |                |                |                |
| 6/30/2020 | 0.953            | 1.120          |                |                |                |                |                |                |                |                |                |
| 6/30/2021 | 1.810            |                |                |                |                |                |                |                |                |                |                |
| 3 Yr Mean | 1.251            | 1.077          | 1.093          | 1.011          | 0.960          | 1.000          | 1.000          | 1.000          | 1.000          | 1.001          | 0.956          |
| Best 3/5  | 1.092            | 1.045          | 1.078          | 1.005          | 0.985          | 1.000          | 1.000          | 1.000          | 1.000          | 1.000          | 0.964          |
|           | <u>159:147</u>   | <u>171:159</u> | <u>183:171</u> | <u>195:183</u> | <u>207:195</u> | <u>219:207</u> | <u>231:219</u> | <u>243:231</u> |                |                |                |
| 6/30/2003 | 1.000            | 1.000          | 1.000          | 1.000          | 1.000          | 1.000          | 1.000          | 1.000          |                |                |                |
| 6/30/2004 | 1.000            | 1.000          | 1.000          | 1.000          | 1.000          | 1.000          | 1.000          | <b>1.000</b>   |                |                |                |
| 6/30/2005 | 1.000            | 1.000          | 1.000          | 1.000          | 1.000          | 1.000          | <b>1.000</b>   | <b>1.000</b>   |                |                |                |
| 6/30/2006 | 1.000            | 1.000          | 1.000          | 1.000          | 1.000          | <b>1.000</b>   | <b>1.000</b>   | <b>1.000</b>   |                |                |                |
| 6/30/2007 | 1.000            | 1.000          | 1.000          | 1.000          | <b>1.000</b>   | <b>1.000</b>   | <b>1.000</b>   | <b>1.000</b>   |                |                |                |
| 6/30/2008 | 1.000            | 1.000          | 1.000          |                |                |                |                |                |                |                |                |
| 6/30/2009 | 1.000            | 1.003          |                |                |                |                |                |                |                |                |                |
| 6/30/2010 | 1.000            |                |                |                |                |                |                |                |                |                |                |
| 3 Yr Mean | 1.000            | 1.001          | 1.000          | 1.000          | 1.000          | 1.000          | 1.000          | 1.000          |                |                |                |
| Best 3/5  | 1.000            | 1.000          | 1.000          | 1.000          | <b>1.000</b>   | <b>1.000</b>   | <b>1.000</b>   | <b>1.000</b>   |                |                |                |
|           | Development From |                |                |                |                |                |                |                |                |                |                |
| A.Y.E.    | <u>15/ 27</u>    | <u>27/ 39</u>  | <u>39/ 51</u>  | <u>51/ 63</u>  | <u>63/ 75</u>  | <u>75/ 87</u>  | <u>87/ 99</u>  | <u>99/111</u>  | <u>111/123</u> | <u>123/135</u> | <u>135/147</u> |
| 6/30/2018 |                  |                |                |                | 0.985          | 1.000          | 1.000          | 1.000          | 1.000          | 1.000          | 0.964          |
| 6/30/2019 |                  |                |                | 1.005          | 0.985          | 1.000          | 1.000          | 1.000          | 1.000          | 1.000          | 0.964          |
| 6/30/2020 |                  |                | 1.078          | 1.005          | 0.985          | 1.000          | 1.000          | 1.000          | 1.000          | 1.000          | 0.964          |
| 6/30/2021 |                  | 1.045          | 1.078          | 1.005          | 0.985          | 1.000          | 1.000          | 1.000          | 1.000          | 1.000          | 0.964          |
| 6/30/2022 | 1.092            | 1.045          | 1.078          | 1.005          | 0.985          | 1.000          | 1.000          | 1.000          | 1.000          | 1.000          | 0.964          |
|           | <u>147/159</u>   | <u>159/171</u> | <u>171/183</u> | <u>183/195</u> | <u>195/207</u> | <u>207/219</u> | <u>219/231</u> | <u>231/243</u> | <u>243/U1t</u> |                | <b>FACTORS</b> |
| 6/30/2018 | 1.000            | 1.000          | 1.000          | 1.000          | 1.000          | 1.000          | 1.000          | 1.000          | <b>1.000</b>   |                | 0.950          |
| 6/30/2019 | 1.000            | 1.000          | 1.000          | 1.000          | 1.000          | 1.000          | 1.000          | 1.000          | <b>1.000</b>   |                | 0.954          |
| 6/30/2020 | 1.000            | 1.000          | 1.000          | 1.000          | 1.000          | 1.000          | 1.000          | 1.000          | <b>1.000</b>   |                | 1.029          |
| 6/30/2021 | 1.000            | 1.000          | 1.000          | 1.000          | 1.000          | 1.000          | 1.000          | 1.000          | <b>1.000</b>   |                | 1.075          |
| 6/30/2022 | 1.000            | 1.000          | 1.000          | 1.000          | 1.000          | 1.000          | 1.000          | 1.000          | <b>1.000</b>   |                | 1.174          |

**Bold - Calculated Using Modified Bondy Method**

*Italics - Three year mean Excludes Modified Bondy ratios*

Premises / Operations (Subline Code 334)  
 Owners, Landlords and Tenants  
 Full Coverage  
 MINNESOTA  
 Property Damage - Occurrence  
 Incurred Accident Year ALAE Development

| A.Y.E.    | <u>15 Months</u> | <u>27 Months</u> | <u>39 Months</u> | <u>51 Months</u> | <u>63 Months</u> | <u>75 Months</u> | <u>87 Months</u> | <u>99 Months</u> | <u>111 Months</u> | <u>123 Months</u> | <u>135 Months</u> |
|-----------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-------------------|-------------------|-------------------|
| 6/30/2003 | 22,244           | 50,917           | 75,815           | 120,623          | 120,254          | 120,254          | 120,254          | 120,254          | 233,792           | 236,869           | 236,869           |
| 6/30/2004 | 24,907           | 81,978           | 139,537          | 153,693          | 181,521          | 181,521          | 181,521          | 181,521          | 181,521           | 181,521           | 181,521           |
| 6/30/2005 | 23,851           | 35,997           | 58,522           | 58,522           | 58,196           | 58,196           | 58,196           | 58,196           | 58,196            | 58,196            | 58,196            |
| 6/30/2006 | 16,913           | 7,618            | 36,681           | 40,968           | 29,903           | 29,763           | 54,763           | 54,762           | 54,762            | 64,762            | 42,361            |
| 6/30/2007 | 21,149           | 27,096           | 43,461           | 42,733           | 42,732           | 42,732           | 42,380           | 42,380           | 42,380            | 42,380            | 90,062            |
| 6/30/2008 | 14,552           | 14,541           | 29,212           | 26,826           | 26,826           | 26,826           | 26,826           | 26,826           | 26,826            | 26,826            | 26,826            |
| 6/30/2009 | 93,804           | 75,025           | 79,702           | 102,481          | 137,481          | 109,727          | 109,727          | 109,727          | 109,727           | 109,727           | 109,727           |
| 6/30/2010 | 35,519           | 53,292           | 77,479           | 169,266          | 255,033          | 290,050          | 306,440          | 306,440          | 306,441           | 306,441           | 306,441           |
| 6/30/2011 | 9,991            | 97,678           | 187,028          | 214,767          | 236,455          | 288,933          | 288,187          | 288,682          | 288,682           | 288,682           | 288,682           |
| 6/30/2012 | 86,686           | 138,125          | 139,382          | 139,382          | 143,114          | 144,146          | 147,852          | 147,852          | 147,852           | 147,852           | 151,271           |
| 6/30/2013 | 28,449           | 41,975           | 1,392,487        | 1,389,358        | 1,387,923        | 1,379,878        | 1,379,878        | 1,379,878        | 1,379,878         | 1,379,878         |                   |
| 6/30/2014 | 51,130           | 49,438           | 97,739           | 100,413          | 100,413          | 100,413          | 100,413          | 100,413          | 100,413           |                   |                   |
| 6/30/2015 | 10,685           | 47,657           | 82,904           | 210,447          | 210,447          | 158,944          | 158,762          | 158,762          |                   |                   |                   |
| 6/30/2016 | 136,219          | 99,380           | 368,789          | 518,310          | 548,115          | 535,140          | 536,657          |                  |                   |                   |                   |
| 6/30/2017 | 224,376          | 583,865          | 853,888          | 1,218,356        | 1,184,074        | 1,062,205        |                  |                  |                   |                   |                   |
| 6/30/2018 | 116,059          | 228,781          | 247,308          | 283,591          | 304,914          |                  |                  |                  |                   |                   |                   |
| 6/30/2019 | 13,506           | 34,066           | 43,313           | 43,052           |                  |                  |                  |                  |                   |                   |                   |
| 6/30/2020 | 6,681            | 26,526           | 66,274           |                  |                  |                  |                  |                  |                   |                   |                   |
| 6/30/2021 | 111,874          | 174,963          |                  |                  |                  |                  |                  |                  |                   |                   |                   |
| 6/30/2022 | 40,091           |                  |                  |                  |                  |                  |                  |                  |                   |                   |                   |

| A.Y.E     | <u>147 Months</u> | <u>159 Months</u> | <u>171 Months</u> | <u>183 Months</u> | <u>195 Months</u> | <u>207 Months</u> | <u>219 Months</u> | <u>231 Months</u> | <u>243 Months</u> |
|-----------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| 6/30/2003 | 236,869           | 236,869           | 236,869           | 236,869           | 236,869           | 236,869           | 236,869           | 236,869           | 236869            |
| 6/30/2004 | 181,521           | 181,521           | 181,521           | 181,521           | 181,521           | 181,521           | 181,521           | 181521            |                   |
| 6/30/2005 | 58,196            | 58,196            | 58,196            | 58,196            | 58,196            | 58,196            | 58196             |                   |                   |
| 6/30/2006 | 42,361            | 42,361            | 42,361            | 42,361            | 42,361            | 42361             |                   |                   |                   |
| 6/30/2007 | 42,567            | 42,567            | 42,567            | 42,567            | 42567             |                   |                   |                   |                   |
| 6/30/2008 | 26,826            | 26,826            | 26,826            | 26826             |                   |                   |                   |                   |                   |
| 6/30/2009 | 109,727           | 109,727           | 119727            |                   |                   |                   |                   |                   |                   |
| 6/30/2010 | 306,441           | 306441            |                   |                   |                   |                   |                   |                   |                   |
| 6/30/2011 | 288,682           |                   |                   |                   |                   |                   |                   |                   |                   |



Premises / Operations (Subline Code 334)  
 Owners, Landlords and Tenants  
 Full Coverage  
 MINNESOTA  
 Property Damage - Occurrence  
 Incurred Accident Year Incremental ALAE Development

|           | Increments   |              |              |              |              |              |              |               |                |                |                |                |                |
|-----------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|---------------|----------------|----------------|----------------|----------------|----------------|
| A.Y.E.    | <u>27:15</u> | <u>39:27</u> | <u>51:39</u> | <u>63:51</u> | <u>75:63</u> | <u>87:75</u> | <u>99:87</u> | <u>111:99</u> | <u>123:111</u> | <u>135:123</u> | <u>147:135</u> | <u>159:147</u> | <u>171:159</u> |
| 6/30/2003 | 28,673       | 24,898       | 44,808       | -369         | 0            | 0            | 0            | 113,538       | 3,077          | 0              | 0              | 0              | 0              |
| 6/30/2004 | 57,071       | 57,559       | 14,156       | 27,828       | 0            | 0            | 0            | 0             | 0              | 0              | 0              | 0              | 0              |
| 6/30/2005 | 12,146       | 22,525       | 0            | -326         | 0            | 0            | 0            | 0             | 0              | 0              | 0              | 0              | 0              |
| 6/30/2006 | -9,295       | 29,063       | 4,287        | -11,065      | -140         | 25,000       | -1           | 0             | 10,000         | -22,401        | 0              | 0              | 0              |
| 6/30/2007 | 5,947        | 16,365       | -728         | -1           | 0            | -352         | 0            | 0             | 0              | 47,682         | -47,495        | 0              | 0              |
| 6/30/2008 | -11          | 14,671       | -2,386       | 0            | 0            | 0            | 0            | 0             | 0              | 0              | 0              | 0              | 0              |
| 6/30/2009 | -18,779      | 4,677        | 22,779       | 35,000       | -27,754      | 0            | 0            | 0             | 0              | 0              | 0              | 0              | 10,000         |
| 6/30/2010 | 17,773       | 24,187       | 91,787       | 85,767       | 35,017       | 16,390       | 0            | 1             | 0              | 0              | 0              | 0              | 0              |
| 6/30/2011 | 87,687       | 89,350       | 27,739       | 21,688       | 52,478       | -746         | 495          | 0             | 0              | 0              | 0              | 0              | 0              |
| 6/30/2012 | 51,439       | 1,257        | 0            | 3,732        | 1,032        | 3,706        | 0            | 0             | 0              | 3,419          | 0              | 0              | 0              |
| 6/30/2013 | 13,526       | 1,350,512    | -3,129       | -1,435       | -8,045       | 0            | 0            | 0             | 0              | 0              | 0              | 0              | 0              |
| 6/30/2014 | -1,692       | 48,301       | 2,674        | 0            | 0            | 0            | 0            | 0             | 0              | 0              | 0              | 0              | 0              |
| 6/30/2015 | 36,972       | 35,247       | 127,543      | 0            | -51,503      | -182         | 0            | 0             | 0              | 0              | 0              | 0              | 0              |
| 6/30/2016 | -36,839      | 269,409      | 149,521      | 29,805       | -12,975      | 1,517        | 0            | 0             | 0              | 0              | 0              | 0              | 0              |
| 6/30/2017 | 359,489      | 270,023      | 364,468      | -34,282      | -121,869     | 0            | 0            | 0             | 0              | 0              | 0              | 0              | 0              |
| 6/30/2018 | 112,722      | 18,527       | 36,283       | 21,323       | 0            | 0            | 0            | 0             | 0              | 0              | 0              | 0              | 0              |
| 6/30/2019 | 20,560       | 9,247        | -261         | 0            | 0            | 0            | 0            | 0             | 0              | 0              | 0              | 0              | 0              |
| 6/30/2020 | 19,845       | 39,748       | 0            | 0            | 0            | 0            | 0            | 0             | 0              | 0              | 0              | 0              | 0              |
| 6/30/2021 | 63,089       | 0            | 0            | 0            | 0            | 0            | 0            | 0             | 0              | 0              | 0              | 0              | 0              |

| Incremental Percentages |         |        |         |         |         |         |        |        |         |         |         |         |         |
|-------------------------|---------|--------|---------|---------|---------|---------|--------|--------|---------|---------|---------|---------|---------|
| A.Y.E.                  | 27:15   | 39:27  | 51:39   | 63:51   | 75:63   | 87:75   | 99:87  | 111:99 | 123:111 | 135:123 | 147:135 | 159:147 | 171:159 |
| 6/30/2003               | 0.0409  | 0.0355 | 0.0640  | -0.0005 | 0.0000  | 0.0000  | 0.0000 | 0.1621 | 0.0044  | 0.0000  | 0.0000  | 0.0000  | 0.0000  |
| 6/30/2004               | 0.1050  | 0.1059 | 0.0260  | 0.0512  | 0.0000  | 0.0000  | 0.0000 | 0.0000 | 0.0000  | 0.0000  | 0.0000  | 0.0000  | 0.0000  |
| 6/30/2005               | 0.0451  | 0.0837 | 0.0000  | -0.0012 | 0.0000  | 0.0000  | 0.0000 | 0.0000 | 0.0000  | 0.0000  | 0.0000  | 0.0000  | 0.0000  |
| 6/30/2006               | -0.0518 | 0.1620 | 0.0239  | -0.0617 | -0.0008 | 0.1394  | 0.0000 | 0.0000 | 0.0558  | -0.1249 | 0.0000  | 0.0000  | 0.0000  |
| 6/30/2007               | 0.0086  | 0.0236 | -0.0010 | 0.0000  | 0.0000  | -0.0005 | 0.0000 | 0.0000 | 0.0000  | 0.0687  | -0.0684 | 0.0000  | 0.0000  |
| 6/30/2008               | -0.0001 | 0.0809 | -0.0132 | 0.0000  | 0.0000  | 0.0000  | 0.0000 | 0.0000 | 0.0000  | 0.0000  | 0.0000  | 0.0000  | 0.0000  |
| 6/30/2009               | -0.0283 | 0.0071 | 0.0344  | 0.0528  | -0.0419 | 0.0000  | 0.0000 | 0.0000 | 0.0000  | 0.0000  | 0.0000  | 0.0000  | 0.0151  |
| 6/30/2010               | 0.0157  | 0.0214 | 0.0810  | 0.0757  | 0.0309  | 0.0145  | 0.0000 | 0.0000 | 0.0000  | 0.0000  | 0.0000  | 0.0000  |         |
| 6/30/2011               | 0.1392  | 0.1419 | 0.0440  | 0.0344  | 0.0833  | -0.0012 | 0.0008 | 0.0000 | 0.0000  | 0.0000  | 0.0000  |         |         |
| 6/30/2012               | 0.2049  | 0.0050 | 0.0000  | 0.0149  | 0.0041  | 0.0148  | 0.0000 | 0.0000 | 0.0000  | 0.0136  |         |         |         |
| 6/30/2013               | 0.0160  | 1.5941 | -0.0037 | -0.0017 | -0.0095 | 0.0000  | 0.0000 | 0.0000 | 0.0000  |         |         |         |         |
| 6/30/2014               | -0.0033 | 0.0941 | 0.0052  | 0.0000  | 0.0000  | 0.0000  | 0.0000 | 0.0000 |         |         |         |         |         |
| 6/30/2015               | 0.0548  | 0.0523 | 0.1892  | 0.0000  | -0.0764 | -0.0003 | 0.0000 |        |         |         |         |         |         |
| 6/30/2016               | -0.0309 | 0.2259 | 0.1254  | 0.0250  | -0.0109 | 0.0013  |        |        |         |         |         |         |         |
| 6/30/2017               | 0.3004  | 0.2256 | 0.3045  | -0.0286 | -0.1018 |         |        |        |         |         |         |         |         |
| 6/30/2018               | 0.1197  | 0.0197 | 0.0385  | 0.0226  |         |         |        |        |         |         |         |         |         |
| 6/30/2019               | 0.0250  | 0.0112 | -0.0003 |         |         |         |        |        |         |         |         |         |         |
| 6/30/2020               | 0.0167  | 0.0334 |         |         |         |         |        |        |         |         |         |         |         |
| 6/30/2021               | 0.0375  |        |         |         |         |         |        |        |         |         |         |         |         |

|          |        |        |        |        |         |        |        |        |        |        |        |        |        |
|----------|--------|--------|--------|--------|---------|--------|--------|--------|--------|--------|--------|--------|--------|
| Best 3/5 | 0.0607 | 0.0929 | 0.1177 | 0.0075 | -0.0323 | 0.0004 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
|----------|--------|--------|--------|--------|---------|--------|--------|--------|--------|--------|--------|--------|--------|

Premises / Operations (Subline Code 334)  
 Owners, Landlords and Tenants  
 Full Coverage  
 Multistate  
 Bodily Injury - Occurrence  
 Incurred Accident Year Basic Limits Loss Development Excluding ALAE

\$100,000 Basic Limit Losses as of :

| <u>A.Y.E.</u> | <u>15 Months</u> | <u>27 Months</u> | <u>39 Months</u> | <u>51 Months</u> | <u>63 Months</u> | <u>75 Months</u> | <u>87 Months</u> | <u>99 Months</u> | <u>111 Months</u> | <u>123 Months</u> | <u>135 Months</u> |
|---------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-------------------|-------------------|-------------------|
| 6/30/2003     | 173,386,489      | 232,410,552      | 283,395,421      | 289,899,428      | 285,163,748      | 280,166,110      | 277,926,795      | 275,271,976      | 274,668,439       | 274,858,676       | 274,764,291       |
| 6/30/2004     | 186,731,703      | 257,070,941      | 273,269,465      | 280,447,371      | 280,577,279      | 277,447,492      | 275,058,503      | 273,431,844      | 273,349,556       | 272,690,425       | 272,472,888       |
| 6/30/2005     | 197,114,345      | 231,307,824      | 263,064,230      | 270,385,347      | 272,946,873      | 268,285,532      | 265,923,821      | 264,993,809      | 264,244,670       | 264,552,447       | 264,926,904       |
| 6/30/2006     | 185,569,172      | 246,906,146      | 279,114,129      | 287,912,341      | 283,092,034      | 277,358,525      | 274,666,529      | 274,074,647      | 273,456,843       | 273,014,386       | 272,716,395       |
| 6/30/2007     | 221,995,528      | 283,004,895      | 303,918,909      | 306,393,293      | 299,757,528      | 294,292,179      | 291,855,771      | 290,511,100      | 289,528,887       | 289,404,699       | 289,470,342       |
| 6/30/2008     | 244,806,536      | 295,575,943      | 321,203,401      | 324,768,778      | 318,486,843      | 313,246,420      | 311,228,555      | 310,118,794      | 309,809,044       | 309,256,240       | 309,166,518       |
| 6/30/2009     | 251,338,649      | 309,283,893      | 339,796,994      | 338,566,785      | 332,361,062      | 329,487,334      | 326,678,256      | 324,673,779      | 323,639,369       | 323,440,434       | 323,914,941       |
| 6/30/2010     | 263,760,682      | 331,954,454      | 367,296,981      | 368,834,886      | 362,504,389      | 358,364,746      | 355,542,393      | 354,438,113      | 354,147,449       | 353,915,856       | 353,790,502       |
| 6/30/2011     | 298,614,507      | 373,114,956      | 409,068,564      | 415,264,114      | 406,387,670      | 400,797,586      | 397,086,760      | 395,766,724      | 395,457,398       | 395,129,114       | 395,053,882       |
| 6/30/2012     | 251,742,371      | 315,431,256      | 350,802,981      | 351,874,652      | 347,373,993      | 344,430,960      | 343,896,973      | 344,250,806      | 343,277,298       | 342,882,675       | 342,964,546       |
| 6/30/2013     | 251,119,270      | 322,093,872      | 349,545,331      | 352,837,511      | 354,251,489      | 354,042,219      | 353,632,680      | 352,881,691      | 352,724,982       | 352,207,103       |                   |
| 6/30/2014     | 286,260,228      | 360,424,970      | 407,249,942      | 436,475,689      | 438,621,020      | 438,883,514      | 436,950,419      | 435,296,131      | 435,259,958       |                   |                   |
| 6/30/2015     | 253,445,090      | 337,349,201      | 406,263,702      | 433,160,526      | 437,248,406      | 435,852,365      | 434,194,816      | 434,451,705      |                   |                   |                   |
| 6/30/2016     | 231,551,963      | 331,456,578      | 395,837,388      | 420,762,280      | 423,804,671      | 423,550,706      | 422,015,658      |                  |                   |                   |                   |
| 6/30/2017     | 254,210,281      | 366,640,610      | 440,250,728      | 465,759,878      | 472,241,590      | 472,781,800      |                  |                  |                   |                   |                   |
| 6/30/2018     | 300,589,880      | 415,468,148      | 491,774,048      | 521,009,370      | 525,500,470      |                  |                  |                  |                   |                   |                   |
| 6/30/2019     | 288,771,032      | 405,581,714      | 472,136,465      | 497,176,978      |                  |                  |                  |                  |                   |                   |                   |
| 6/30/2020     | 227,849,166      | 311,097,997      | 359,614,878      |                  |                  |                  |                  |                  |                   |                   |                   |
| 6/30/2021     | 211,047,150      | 291,523,951      |                  |                  |                  |                  |                  |                  |                   |                   |                   |
| 6/30/2022     | 237,405,329      |                  |                  |                  |                  |                  |                  |                  |                   |                   |                   |

| <u>A.Y.E</u> | <u>147 Months</u> | <u>159 Months</u> | <u>171 Months</u> | <u>183 Months</u> | <u>195 Months</u> | <u>207 Months</u> | <u>219 Months</u> | <u>231 Months</u> | <u>243 Months</u> |
|--------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| 6/30/2003    | 274,734,001       | 274,670,090       | 274,953,544       | 274,972,361       | 274,972,861       | 275,403,461       | 275,661,572       | 275,810,368       | 276,201,020       |
| 6/30/2004    | 272,505,750       | 272,551,294       | 272,468,833       | 272,300,156       | 272,426,129       | 272,429,966       | 272,680,282       | 273,045,333       |                   |
| 6/30/2005    | 264,906,407       | 264,776,369       | 265,055,008       | 265,456,701       | 265,558,472       | 265,900,068       | 266,123,558       |                   |                   |
| 6/30/2006    | 272,638,262       | 272,367,250       | 272,411,880       | 273,025,035       | 273,478,885       | 273,645,676       |                   |                   |                   |
| 6/30/2007    | 289,269,489       | 289,740,427       | 290,007,087       | 290,211,047       | 290,473,474       |                   |                   |                   |                   |
| 6/30/2008    | 309,390,292       | 309,612,519       | 310,035,463       | 310,137,621       |                   |                   |                   |                   |                   |
| 6/30/2009    | 324,045,191       | 324,094,665       | 324,374,429       |                   |                   |                   |                   |                   |                   |
| 6/30/2010    | 353,950,839       | 353,855,447       |                   |                   |                   |                   |                   |                   |                   |
| 6/30/2011    | 395,445,203       |                   |                   |                   |                   |                   |                   |                   |                   |

Premises / Operations (Subline Code 334)  
 Owners, Landlords and Tenants  
 Full Coverage  
 Multistate  
 Bodily Injury - Occurrence  
 Incurred Accident Year Basic Limits Loss Development Excluding ALAE

|           | Link Ratios  |              |              |              |              |              |              |               |                |                |                |
|-----------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|---------------|----------------|----------------|----------------|
| A.Y.E.    | <u>27:15</u> | <u>39:27</u> | <u>51:39</u> | <u>63:51</u> | <u>75:63</u> | <u>87:75</u> | <u>99:87</u> | <u>111:99</u> | <u>123:111</u> | <u>135:123</u> | <u>147:135</u> |
| 6/30/2003 | 1.340        | 1.219        | 1.023        | 0.984        | 0.982        | 0.992        | 0.990        | 0.998         | 1.001          | 1.000          | 1.000          |
| 6/30/2004 | 1.377        | 1.063        | 1.026        | 1.000        | 0.989        | 0.991        | 0.994        | 1.000         | 0.998          | 0.999          | 1.000          |
| 6/30/2005 | 1.173        | 1.137        | 1.028        | 1.009        | 0.983        | 0.991        | 0.997        | 0.997         | 1.001          | 1.001          | 1.000          |
| 6/30/2006 | 1.331        | 1.130        | 1.032        | 0.983        | 0.980        | 0.990        | 0.998        | 0.998         | 0.998          | 0.999          | 1.000          |
| 6/30/2007 | 1.275        | 1.074        | 1.008        | 0.978        | 0.982        | 0.992        | 0.995        | 0.997         | 1.000          | 1.000          | 0.999          |
| 6/30/2008 | 1.207        | 1.087        | 1.011        | 0.981        | 0.984        | 0.994        | 0.996        | 0.999         | 0.998          | 1.000          | 1.001          |
| 6/30/2009 | 1.231        | 1.099        | 0.996        | 0.982        | 0.991        | 0.991        | 0.994        | 0.997         | 0.999          | 1.001          | 1.000          |
| 6/30/2010 | 1.259        | 1.106        | 1.004        | 0.983        | 0.989        | 0.992        | 0.997        | 0.999         | 0.999          | 1.000          | 1.000          |
| 6/30/2011 | 1.249        | 1.096        | 1.015        | 0.979        | 0.986        | 0.991        | 0.997        | 0.999         | 0.999          | 1.000          | 1.001          |
| 6/30/2012 | 1.253        | 1.112        | 1.003        | 0.987        | 0.992        | 0.998        | 1.001        | 0.997         | 0.999          | 1.000          |                |
| 6/30/2013 | 1.283        | 1.085        | 1.009        | 1.004        | 0.999        | 0.999        | 0.998        | 1.000         | 0.999          |                |                |
| 6/30/2014 | 1.259        | 1.130        | 1.072        | 1.005        | 1.001        | 0.996        | 0.996        | 1.000         |                |                |                |
| 6/30/2015 | 1.331        | 1.204        | 1.066        | 1.009        | 0.997        | 0.996        | 1.001        |               |                |                |                |
| 6/30/2016 | 1.431        | 1.194        | 1.063        | 1.007        | 0.999        | 0.996        |              |               |                |                |                |
| 6/30/2017 | 1.442        | 1.201        | 1.058        | 1.014        | 1.001        |              |              |               |                |                |                |
| 6/30/2018 | 1.382        | 1.184        | 1.059        | 1.009        |              |              |              |               |                |                |                |
| 6/30/2019 | 1.405        | 1.164        | 1.053        |              |              |              |              |               |                |                |                |
| 6/30/2020 | 1.365        | 1.156        |              |              |              |              |              |               |                |                |                |
| 6/30/2021 | 1.381        |              |              |              |              |              |              |               |                |                |                |

|           |       |       |       |       |       |       |       |       |       |       |       |
|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 3 Yr Mean | 1.384 | 1.168 | 1.057 | 1.010 | 0.999 | 0.996 | 0.998 | 0.999 | 0.999 | 1.000 | 1.000 |
|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|

|          |       |       |       |       |       |       |       |       |       |       |       |
|----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Best 3/5 | 1.389 | 1.181 | 1.060 | 1.008 | 1.000 | 0.997 | 0.999 | 0.999 | 0.999 | 1.000 | 1.000 |
|----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|

| A.Y.E.    | <u>159:147</u> | <u>171:159</u> | <u>183:171</u> | <u>195:183</u> | <u>207:195</u> | <u>219:207</u> | <u>231:219</u> | <u>243:231</u> |  |  |  |
|-----------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|--|--|--|
| 6/30/2003 | 1.000          | 1.001          | 1.000          | 1.000          | 1.002          | 1.001          | 1.001          | 1.001          |  |  |  |
| 6/30/2004 | 1.000          | 1.000          | 0.999          | 1.000          | 1.000          | 1.001          | 1.001          | <b>1.001</b>   |  |  |  |
| 6/30/2005 | 1.000          | 1.001          | 1.002          | 1.000          | 1.001          | 1.001          | <b>1.001</b>   | <b>1.001</b>   |  |  |  |
| 6/30/2006 | 0.999          | 1.000          | 1.002          | 1.002          | 1.001          | <b>1.001</b>   | <b>1.001</b>   | <b>1.001</b>   |  |  |  |
| 6/30/2007 | 1.002          | 1.001          | 1.001          | 1.001          | <b>1.000</b>   | <b>1.001</b>   | <b>1.001</b>   | <b>1.001</b>   |  |  |  |
| 6/30/2008 | 1.001          | 1.001          | 1.000          |                |                |                |                |                |  |  |  |
| 6/30/2009 | 1.000          | 1.001          |                |                |                |                |                |                |  |  |  |
| 6/30/2010 | 1.000          |                |                |                |                |                |                |                |  |  |  |

|           |       |       |       |       |       |       |       |       |  |  |  |
|-----------|-------|-------|-------|-------|-------|-------|-------|-------|--|--|--|
| 3 Yr Mean | 1.000 | 1.001 | 1.001 | 1.001 | 1.001 | 1.001 | 1.001 | 1.001 |  |  |  |
|-----------|-------|-------|-------|-------|-------|-------|-------|-------|--|--|--|

|          |       |       |       |       |              |              |              |              |  |  |  |
|----------|-------|-------|-------|-------|--------------|--------------|--------------|--------------|--|--|--|
| Best 3/5 | 1.000 | 1.001 | 1.001 | 1.000 | <b>1.001</b> | <b>1.001</b> | <b>1.001</b> | <b>1.001</b> |  |  |  |
|----------|-------|-------|-------|-------|--------------|--------------|--------------|--------------|--|--|--|

|           | Development From |               |               |               |               |               |               |               |                |                |                |
|-----------|------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|----------------|----------------|
| A.Y.E.    | <u>15/ 27</u>    | <u>27/ 39</u> | <u>39/ 51</u> | <u>51/ 63</u> | <u>63/ 75</u> | <u>75/ 87</u> | <u>87/ 99</u> | <u>99/111</u> | <u>111/123</u> | <u>123/135</u> | <u>135/147</u> |
| 6/30/2018 |                  |               |               |               | 1.000         | 0.997         | 0.999         | 0.999         | 0.999          | 1.000          | 1.000          |
| 6/30/2019 |                  |               |               | 1.008         | 1.000         | 0.997         | 0.999         | 0.999         | 0.999          | 1.000          | 1.000          |
| 6/30/2020 |                  |               | 1.060         | 1.008         | 1.000         | 0.997         | 0.999         | 0.999         | 0.999          | 1.000          | 1.000          |
| 6/30/2021 |                  | 1.181         | 1.060         | 1.008         | 1.000         | 0.997         | 0.999         | 0.999         | 0.999          | 1.000          | 1.000          |
| 6/30/2022 | 1.389            | 1.181         | 1.060         | 1.008         | 1.000         | 0.997         | 0.999         | 0.999         | 0.999          | 1.000          | 1.000          |

| A.Y.E     | <u>147/159</u> | <u>159/171</u> | <u>171/183</u> | <u>183/195</u> | <u>195/207</u> | <u>207/219</u> | <u>219/231</u> | <u>231/243</u> | <u>243/U1t</u> | FACTORS |  |
|-----------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|---------|--|
| 6/30/2018 | 1.000          | 1.001          | 1.001          | 1.000          | 1.001          | 1.001          | 1.001          | 1.001          | <b>1.004</b>   | 1.004   |  |
| 6/30/2019 | 1.000          | 1.001          | 1.001          | 1.000          | 1.001          | 1.001          | 1.001          | 1.001          | <b>1.004</b>   | 1.012   |  |
| 6/30/2020 | 1.000          | 1.001          | 1.001          | 1.000          | 1.001          | 1.001          | 1.001          | 1.001          | <b>1.004</b>   | 1.073   |  |
| 6/30/2021 | 1.000          | 1.001          | 1.001          | 1.000          | 1.001          | 1.001          | 1.001          | 1.001          | <b>1.004</b>   | 1.267   |  |
| 6/30/2022 | 1.000          | 1.001          | 1.001          | 1.000          | 1.001          | 1.001          | 1.001          | 1.001          | <b>1.004</b>   | 1.760   |  |

**Bold - Calculated Using Modified Bondy Method**

*Italics - Three year mean Excludes Modified Bondy ratios*

Premises / Operations (Subline Code 334)  
 Owners, Landlords and Tenants  
 Deductible  
 Multistate  
 Bodily Injury - Occurrence  
 Incurred Accident Year Basic Limits Loss Development Excluding ALAE

| \$100,000 Basic Limit Losses as of : |                  |                  |                  |                  |                  |                  |                  |                  |                   |                   |                   |
|--------------------------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-------------------|-------------------|-------------------|
| <u>A.Y.E.</u>                        | <u>15 Months</u> | <u>27 Months</u> | <u>39 Months</u> | <u>51 Months</u> | <u>63 Months</u> | <u>75 Months</u> | <u>87 Months</u> | <u>99 Months</u> | <u>111 Months</u> | <u>123 Months</u> | <u>135 Months</u> |
| 6/30/2003                            | 12,802,424       | 16,914,038       | 18,428,056       | 19,760,145       | 18,640,465       | 18,484,447       | 17,757,944       | 17,642,946       | 17,609,604        | 17,671,145        | 17,752,305        |
| 6/30/2004                            | 15,449,857       | 21,564,496       | 19,000,253       | 20,195,600       | 19,295,614       | 18,480,315       | 17,858,132       | 17,735,635       | 17,567,909        | 17,729,443        | 17,761,316        |
| 6/30/2005                            | 14,242,606       | 22,525,234       | 20,740,569       | 19,198,441       | 17,647,280       | 17,117,814       | 16,707,781       | 16,537,514       | 16,463,514        | 16,347,540        | 16,347,537        |
| 6/30/2006                            | 12,880,814       | 14,721,167       | 16,953,377       | 16,820,772       | 16,219,295       | 16,392,181       | 16,472,539       | 16,497,659       | 16,693,414        | 16,640,225        | 16,740,225        |
| 6/30/2007                            | 13,444,260       | 17,801,428       | 20,228,295       | 20,738,266       | 19,957,481       | 19,569,620       | 19,325,652       | 19,405,149       | 19,469,937        | 19,415,686        | 19,370,686        |
| 6/30/2008                            | 14,673,513       | 18,232,335       | 19,863,968       | 19,910,609       | 20,052,250       | 19,558,208       | 19,587,137       | 19,442,256       | 19,339,756        | 19,348,057        | 19,348,057        |
| 6/30/2009                            | 13,967,027       | 17,152,870       | 16,612,561       | 17,694,011       | 17,851,715       | 17,614,321       | 17,582,507       | 17,407,670       | 17,443,029        | 17,387,925        | 17,385,020        |
| 6/30/2010                            | 11,329,860       | 11,790,420       | 13,899,629       | 14,364,933       | 14,944,229       | 14,376,489       | 14,432,900       | 14,264,389       | 14,130,484        | 14,241,831        | 14,300,162        |
| 6/30/2011                            | 10,731,466       | 14,205,346       | 15,863,805       | 16,574,207       | 16,383,096       | 16,050,076       | 16,168,499       | 15,985,634       | 15,987,901        | 15,964,090        | 16,012,483        |
| 6/30/2012                            | 10,380,238       | 12,856,989       | 14,232,247       | 14,671,515       | 14,831,767       | 14,483,465       | 14,664,764       | 14,910,733       | 14,796,493        | 14,758,493        | 14,728,993        |
| 6/30/2013                            | 11,432,867       | 13,933,050       | 15,049,538       | 15,899,929       | 16,382,206       | 16,149,328       | 16,019,258       | 15,721,839       | 15,700,452        | 15,711,694        |                   |
| 6/30/2014                            | 14,237,850       | 16,941,052       | 19,084,765       | 20,391,394       | 21,227,802       | 21,488,266       | 21,703,241       | 21,971,854       | 21,818,474        |                   |                   |
| 6/30/2015                            | 14,175,551       | 18,968,519       | 23,254,652       | 25,300,678       | 25,679,312       | 25,684,192       | 25,465,793       | 25,586,329       |                   |                   |                   |
| 6/30/2016                            | 16,679,820       | 21,999,896       | 26,597,484       | 28,295,488       | 28,107,990       | 28,633,941       | 28,088,369       |                  |                   |                   |                   |
| 6/30/2017                            | 15,135,028       | 23,681,082       | 30,820,600       | 31,661,051       | 30,976,297       | 30,802,823       |                  |                  |                   |                   |                   |
| 6/30/2018                            | 19,044,493       | 27,739,078       | 33,258,353       | 35,002,144       | 34,969,492       |                  |                  |                  |                   |                   |                   |
| 6/30/2019                            | 20,134,704       | 27,782,802       | 33,750,132       | 35,298,385       |                  |                  |                  |                  |                   |                   |                   |
| 6/30/2020                            | 18,890,248       | 22,351,641       | 26,561,671       |                  |                  |                  |                  |                  |                   |                   |                   |
| 6/30/2021                            | 18,263,978       | 24,093,627       |                  |                  |                  |                  |                  |                  |                   |                   |                   |
| 6/30/2022                            | 18,737,554       |                  |                  |                  |                  |                  |                  |                  |                   |                   |                   |

  

| <u>A.Y.E.</u> | <u>147 Months</u> | <u>159 Months</u> | <u>171 Months</u> | <u>183 Months</u> | <u>195 Months</u> | <u>207 Months</u> | <u>219 Months</u> | <u>231 Months</u> | <u>243 Months</u> |
|---------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| 6/30/2003     | 17,703,356        | 17,693,356        | 17,693,356        | 17,693,356        | 17,709,356        | 17,710,356        | 17,709,356        | 17,710,356        | 17,710,356        |
| 6/30/2004     | 17,737,506        | 17,760,007        | 17,810,006        | 17,810,006        | 17,810,006        | 17,791,256        | 17,791,256        | 17,793,756        |                   |
| 6/30/2005     | 16,352,537        | 16,347,537        | 16,347,537        | 16,403,982        | 16,403,982        | 16,403,982        | 16,403,982        |                   |                   |
| 6/30/2006     | 16,740,225        | 16,640,225        | 16,640,225        | 16,641,582        | 16,641,582        | 16,641,582        |                   |                   |                   |
| 6/30/2007     | 19,293,016        | 19,293,116        | 19,293,116        | 19,293,016        | 19,293,016        |                   |                   |                   |                   |
| 6/30/2008     | 19,347,957        | 19,352,957        | 19,348,957        | 19,348,957        |                   |                   |                   |                   |                   |
| 6/30/2009     | 17,385,019        | 17,385,019        | 17,385,019        |                   |                   |                   |                   |                   |                   |
| 6/30/2010     | 14,300,162        | 14,205,999        |                   |                   |                   |                   |                   |                   |                   |
| 6/30/2011     | 16,112,480        |                   |                   |                   |                   |                   |                   |                   |                   |

Premises / Operations (Subline Code 334)  
 Owners, Landlords and Tenants  
 Deductible  
 Multistate  
 Bodily Injury - Occurrence  
 Incurred Accident Year Basic Limits Loss Development Excluding ALAE

| Link Ratios      |                |                |                |                |                |                |                |                |                |                |                |
|------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| A.Y.E.           | <u>27:15</u>   | <u>39:27</u>   | <u>51:39</u>   | <u>63:51</u>   | <u>75:63</u>   | <u>87:75</u>   | <u>99:87</u>   | <u>111:99</u>  | <u>123:111</u> | <u>135:123</u> | <u>147:135</u> |
| 6/30/2003        | 1.321          | 1.090          | 1.072          | 0.943          | 0.992          | 0.961          | 0.994          | 0.998          | 1.003          | 1.005          | 0.997          |
| 6/30/2004        | 1.396          | 0.881          | 1.063          | 0.955          | 0.958          | 0.966          | 0.993          | 0.991          | 1.009          | 1.002          | 0.999          |
| 6/30/2005        | 1.582          | 0.921          | 0.926          | 0.919          | 0.970          | 0.976          | 0.990          | 0.996          | 0.993          | 1.000          | 1.000          |
| 6/30/2006        | 1.143          | 1.152          | 0.992          | 0.964          | 1.011          | 1.005          | 1.002          | 1.012          | 0.997          | 1.006          | 1.000          |
| 6/30/2007        | 1.324          | 1.136          | 1.025          | 0.962          | 0.981          | 0.988          | 1.004          | 1.003          | 0.997          | 0.998          | 0.996          |
| 6/30/2008        | 1.243          | 1.089          | 1.002          | 1.007          | 0.975          | 1.001          | 0.993          | 0.995          | 1.000          | 1.000          | 1.000          |
| 6/30/2009        | 1.228          | 0.969          | 1.065          | 1.009          | 0.987          | 0.998          | 0.990          | 1.002          | 0.997          | 1.000          | 1.000          |
| 6/30/2010        | 1.041          | 1.179          | 1.033          | 1.040          | 0.962          | 1.004          | 0.988          | 0.991          | 1.008          | 1.004          | 1.000          |
| 6/30/2011        | 1.324          | 1.117          | 1.045          | 0.988          | 0.980          | 1.007          | 0.989          | 1.000          | 0.999          | 1.003          | 1.006          |
| 6/30/2012        | 1.239          | 1.107          | 1.031          | 1.011          | 0.977          | 1.013          | 1.017          | 0.992          | 0.997          | 0.998          |                |
| 6/30/2013        | 1.219          | 1.080          | 1.057          | 1.030          | 0.986          | 0.992          | 0.981          | 0.999          | 1.001          |                |                |
| 6/30/2014        | 1.190          | 1.127          | 1.068          | 1.041          | 1.012          | 1.010          | 1.012          | 0.993          |                |                |                |
| 6/30/2015        | 1.338          | 1.226          | 1.088          | 1.015          | 1.000          | 0.991          | 1.005          |                |                |                |                |
| 6/30/2016        | 1.319          | 1.209          | 1.064          | 0.993          | 1.019          | 0.981          |                |                |                |                |                |
| 6/30/2017        | 1.565          | 1.301          | 1.027          | 0.978          | 0.994          |                |                |                |                |                |                |
| 6/30/2018        | 1.457          | 1.199          | 1.052          | 0.999          |                |                |                |                |                |                |                |
| 6/30/2019        | 1.380          | 1.215          | 1.046          |                |                |                |                |                |                |                |                |
| 6/30/2020        | 1.183          | 1.188          |                |                |                |                |                |                |                |                |                |
| 6/30/2021        | 1.319          |                |                |                |                |                |                |                |                |                |                |
| 3 Yr Mean        | 1.294          | 1.201          | 1.042          | 0.990          | 1.004          | 0.994          | 0.999          | 0.995          | 0.999          | 1.002          | 1.002          |
| Best 3/5         | 1.385          | 1.208          | 1.054          | 1.002          | 1.002          | 0.998          | 1.002          | 0.995          | 0.999          | 1.001          | 1.000          |
|                  |                |                |                |                |                |                |                |                |                |                |                |
| A.Y.E.           | <u>159:147</u> | <u>171:159</u> | <u>183:171</u> | <u>195:183</u> | <u>207:195</u> | <u>219:207</u> | <u>231:219</u> | <u>243:231</u> |                |                |                |
| 6/30/2003        | 0.999          | 1.000          | 1.000          | 1.001          | 1.000          | 1.000          | 1.000          | 1.000          |                |                |                |
| 6/30/2004        | 1.001          | 1.003          | 1.000          | 1.000          | 0.999          | 1.000          | 1.000          | <b>1.000</b>   |                |                |                |
| 6/30/2005        | 1.000          | 1.000          | 1.003          | 1.000          | 1.000          | 1.000          | <b>1.000</b>   | <b>1.000</b>   |                |                |                |
| 6/30/2006        | 0.994          | 1.000          | 1.000          | 1.000          | 1.000          | <b>1.000</b>   | <b>1.000</b>   | <b>1.000</b>   |                |                |                |
| 6/30/2007        | 1.000          | 1.000          | 1.000          | 1.000          | <b>1.000</b>   | <b>1.000</b>   | <b>1.000</b>   | <b>1.000</b>   |                |                |                |
| 6/30/2008        | 1.000          | 1.000          | 1.000          |                |                |                |                |                |                |                |                |
| 6/30/2009        | 1.000          | 1.000          |                |                |                |                |                |                |                |                |                |
| 6/30/2010        | 0.993          |                |                |                |                |                |                |                |                |                |                |
| 3 Yr Mean        | 0.998          | 1.000          | 1.000          | 1.000          | 1.000          | 1.000          | 1.000          | 1.000          |                |                |                |
| Best 3/5         | 0.998          | 1.000          | 1.000          | 1.000          | <b>1.000</b>   | <b>1.000</b>   | <b>1.000</b>   | <b>1.000</b>   |                |                |                |
|                  |                |                |                |                |                |                |                |                |                |                |                |
| Development From |                |                |                |                |                |                |                |                |                |                |                |
| A.Y.E.           | <u>15/ 27</u>  | <u>27/ 39</u>  | <u>39/ 51</u>  | <u>51/ 63</u>  | <u>63/ 75</u>  | <u>75/ 87</u>  | <u>87/ 99</u>  | <u>99/111</u>  | <u>111/123</u> | <u>123/135</u> | <u>135/147</u> |
| 6/30/2018        |                |                |                |                | 1.002          | 0.998          | 1.002          | 0.995          | 0.999          | 1.001          | 1.000          |
| 6/30/2019        |                |                |                | 1.002          | 1.002          | 0.998          | 1.002          | 0.995          | 0.999          | 1.001          | 1.000          |
| 6/30/2020        |                |                | 1.054          | 1.002          | 1.002          | 0.998          | 1.002          | 0.995          | 0.999          | 1.001          | 1.000          |
| 6/30/2021        |                | 1.208          | 1.054          | 1.002          | 1.002          | 0.998          | 1.002          | 0.995          | 0.999          | 1.001          | 1.000          |
| 6/30/2022        | 1.385          | 1.208          | 1.054          | 1.002          | 1.002          | 0.998          | 1.002          | 0.995          | 0.999          | 1.001          | 1.000          |
|                  |                |                |                |                |                |                |                |                |                |                |                |
| A.Y.E            | <u>147/159</u> | <u>159/171</u> | <u>171/183</u> | <u>183/195</u> | <u>195/207</u> | <u>207/219</u> | <u>219/231</u> | <u>231/243</u> | <u>243/U1t</u> |                | <u>FACTORS</u> |
| 6/30/2018        | 0.998          | 1.000          | 1.000          | 1.000          | 1.000          | 1.000          | 1.000          | 1.000          | <b>1.000</b>   |                | 0.995          |
| 6/30/2019        | 0.998          | 1.000          | 1.000          | 1.000          | 1.000          | 1.000          | 1.000          | 1.000          | <b>1.000</b>   |                | 0.997          |
| 6/30/2020        | 0.998          | 1.000          | 1.000          | 1.000          | 1.000          | 1.000          | 1.000          | 1.000          | <b>1.000</b>   |                | 1.051          |
| 6/30/2021        | 0.998          | 1.000          | 1.000          | 1.000          | 1.000          | 1.000          | 1.000          | 1.000          | <b>1.000</b>   |                | 1.269          |
| 6/30/2022        | 0.998          | 1.000          | 1.000          | 1.000          | 1.000          | 1.000          | 1.000          | 1.000          | <b>1.000</b>   |                | 1.758          |

**Bold - Calculated Using Modified Bondy Method**

*Italics - Three year mean Excludes Modified Bondy ratios*

Premises / Operations (Subline Code 334)  
 Owners, Landlords and Tenants  
 Full Coverage  
 Multistate  
 Bodily Injury - Occurrence  
 Incurred Accident Year ALAE Development

| A.Y.E.    | <u>15 Months</u>  | <u>27 Months</u>  | <u>39 Months</u>  | <u>51 Months</u>  | <u>63 Months</u>  | <u>75 Months</u>  | <u>87 Months</u>  | <u>99 Months</u>  | <u>111 Months</u> | <u>123 Months</u> | <u>135 Months</u> |
|-----------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| 6/30/2003 | 22,609,737        | 48,548,000        | 81,027,825        | 106,337,248       | 122,392,106       | 127,086,992       | 130,296,060       | 131,214,410       | 133,223,451       | 134,524,165       | 134,812,046       |
| 6/30/2004 | 21,194,962        | 49,137,062        | 79,732,538        | 102,885,242       | 111,292,058       | 116,727,322       | 118,562,113       | 120,178,497       | 121,052,027       | 122,059,353       | 122,751,240       |
| 6/30/2005 | 23,117,637        | 48,349,845        | 77,954,385        | 101,526,349       | 114,195,449       | 120,771,583       | 123,947,014       | 125,655,982       | 126,662,003       | 127,733,448       | 128,466,374       |
| 6/30/2006 | 20,847,299        | 47,102,795        | 76,720,860        | 101,311,305       | 111,510,877       | 117,897,143       | 121,108,930       | 122,056,471       | 123,789,444       | 124,890,916       | 125,179,711       |
| 6/30/2007 | 22,303,882        | 54,809,972        | 85,293,597        | 111,591,375       | 124,411,396       | 130,033,606       | 131,677,008       | 133,283,685       | 135,506,888       | 135,501,300       | 135,960,955       |
| 6/30/2008 | 21,476,485        | 51,634,637        | 93,131,969        | 119,494,029       | 135,928,699       | 143,882,621       | 148,199,105       | 150,552,282       | 150,886,786       | 151,228,116       | 151,777,957       |
| 6/30/2009 | 25,249,739        | 56,822,113        | 98,137,707        | 131,724,966       | 145,968,021       | 152,244,815       | 156,279,424       | 158,497,393       | 160,755,734       | 161,500,544       | 167,667,728       |
| 6/30/2010 | 27,602,381        | 63,101,324        | 108,732,804       | 139,448,202       | 153,922,517       | 161,058,407       | 164,552,726       | 166,424,382       | 169,395,824       | 170,743,026       | 170,874,832       |
| 6/30/2011 | 32,900,539        | 75,253,492        | 127,412,916       | 161,970,902       | 178,621,934       | 186,838,893       | 190,687,942       | 192,073,445       | 191,615,103       | 192,684,427       | 193,401,215       |
| 6/30/2012 | 28,220,934        | 68,939,637        | 116,653,446       | 150,214,408       | 167,585,503       | 175,911,152       | 179,545,998       | 181,579,204       | 183,517,662       | 184,697,597       | 184,948,802       |
| 6/30/2013 | 30,538,676        | 74,816,806        | 122,581,362       | 158,989,239       | 178,113,978       | 185,338,659       | 188,473,245       | 191,268,645       | 192,260,004       | 193,704,569       |                   |
| 6/30/2014 | 39,601,700        | 87,495,212        | 143,584,526       | 186,810,141       | 208,094,464       | 220,555,978       | 226,188,948       | 228,204,405       | 230,666,296       |                   |                   |
| 6/30/2015 | 35,890,611        | 81,415,443        | 137,880,427       | 177,467,438       | 195,673,792       | 202,435,165       | 207,378,349       | 211,502,845       |                   |                   |                   |
| 6/30/2016 | 34,943,116        | 83,072,469        | 141,327,496       | 180,766,848       | 196,983,220       | 204,989,538       | 211,380,759       |                   |                   |                   |                   |
| 6/30/2017 | 34,475,566        | 79,251,770        | 135,964,491       | 172,397,549       | 193,758,189       | 207,022,765       |                   |                   |                   |                   |                   |
| 6/30/2018 | 38,598,292        | 89,436,293        | 149,505,555       | 196,087,351       | 223,011,260       |                   |                   |                   |                   |                   |                   |
| 6/30/2019 | 36,106,699        | 82,398,471        | 136,059,449       | 175,182,941       |                   |                   |                   |                   |                   |                   |                   |
| 6/30/2020 | 28,586,046        | 66,757,172        | 108,491,711       |                   |                   |                   |                   |                   |                   |                   |                   |
| 6/30/2021 | 28,449,305        | 62,938,325        |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| 6/30/2022 | 29,536,350        |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |
|           | <u>147 Months</u> | <u>159 Months</u> | <u>171 Months</u> | <u>183 Months</u> | <u>195 Months</u> | <u>207 Months</u> | <u>219 Months</u> | <u>231 Months</u> | <u>243 Months</u> |                   |                   |
| 6/30/2003 | 135,638,416       | 136,074,589       | 136,184,009       | 136,251,212       | 136,268,073       | 136,346,666       | 136,540,715       | 136,732,034       | 136,777,482       |                   |                   |
| 6/30/2004 | 123,049,331       | 123,552,575       | 123,728,174       | 124,409,765       | 124,227,340       | 124,492,796       | 124,824,129       | 125,031,571       |                   |                   |                   |
| 6/30/2005 | 128,105,633       | 128,545,508       | 130,213,063       | 131,941,528       | 133,458,189       | 135,295,609       | 135,940,512       |                   |                   |                   |                   |
| 6/30/2006 | 126,068,914       | 126,116,799       | 126,424,318       | 126,707,942       | 127,168,336       | 127,404,483       |                   |                   |                   |                   |                   |
| 6/30/2007 | 135,923,658       | 136,145,892       | 136,352,138       | 136,710,276       | 136,996,671       |                   |                   |                   |                   |                   |                   |
| 6/30/2008 | 151,898,186       | 152,548,225       | 153,111,555       | 153,355,273       |                   |                   |                   |                   |                   |                   |                   |
| 6/30/2009 | 168,263,710       | 168,686,390       | 169,503,693       |                   |                   |                   |                   |                   |                   |                   |                   |
| 6/30/2010 | 172,227,750       | 172,594,076       |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| 6/30/2011 | 193,883,427       |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |

Premises / Operations (Subline Code 334)  
 Owners, Landlords and Tenants  
 Full Coverage  
 Multistate  
 Bodily Injury - Occurrence  
 Incurred Accident Year Incremental ALAE Development

|           | Increments   |              |              |              |              |              |              |               |                |                |                |                |                |
|-----------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|---------------|----------------|----------------|----------------|----------------|----------------|
| A.Y.E.    | <u>27:15</u> | <u>39:27</u> | <u>51:39</u> | <u>63:51</u> | <u>75:63</u> | <u>87:75</u> | <u>99:87</u> | <u>111:99</u> | <u>123:111</u> | <u>135:123</u> | <u>147:135</u> | <u>159:147</u> | <u>171:159</u> |
| 6/30/2003 | 25,938,263   | 32,479,825   | 25,309,423   | 16,054,858   | 4,694,886    | 3,209,068    | 918,350      | 2,009,041     | 1,300,714      | 287,881        | 826,370        | 436,173        | 109,420        |
| 6/30/2004 | 27,942,100   | 30,595,476   | 23,152,704   | 8,406,816    | 5,435,264    | 1,834,791    | 1,616,384    | 873,530       | 1,007,326      | 691,887        | 298,091        | 503,244        | 175,599        |
| 6/30/2005 | 25,232,208   | 29,604,540   | 23,571,964   | 12,669,100   | 6,576,134    | 3,175,431    | 1,708,968    | 1,006,021     | 1,071,445      | 732,926        | -360,741       | 439,875        | 1,667,555      |
| 6/30/2006 | 26,255,496   | 29,618,065   | 24,590,445   | 10,199,572   | 6,386,266    | 3,211,787    | 947,541      | 1,732,973     | 1,101,472      | 288,795        | 889,203        | 47,885         | 307,519        |
| 6/30/2007 | 32,506,090   | 30,483,625   | 26,297,778   | 12,820,021   | 5,622,210    | 1,643,402    | 1,606,677    | 2,223,203     | -5,588         | 459,655        | -37,297        | 222,234        | 206,246        |
| 6/30/2008 | 30,158,152   | 41,497,332   | 26,362,060   | 16,434,670   | 7,953,922    | 4,316,484    | 2,353,177    | 334,504       | 341,330        | 549,841        | 120,229        | 650,039        | 563,330        |
| 6/30/2009 | 31,572,374   | 41,315,594   | 33,587,259   | 14,243,055   | 6,276,794    | 4,034,609    | 2,217,969    | 2,258,341     | 744,810        | 6,167,184      | 595,982        | 422,680        | 817,303        |
| 6/30/2010 | 35,498,943   | 45,631,480   | 30,715,398   | 14,474,315   | 7,135,890    | 3,494,319    | 1,871,656    | 2,971,442     | 1,347,202      | 131,806        | 1,352,918      | 366,326        |                |
| 6/30/2011 | 42,352,953   | 52,159,424   | 34,557,986   | 16,651,032   | 8,216,959    | 3,849,049    | 1,385,503    | -458,342      | 1,069,324      | 716,788        | 482,212        |                |                |
| 6/30/2012 | 40,718,703   | 47,713,809   | 33,560,962   | 17,371,095   | 8,325,649    | 3,634,846    | 2,033,206    | 1,938,458     | 1,179,935      | 251,205        |                |                |                |
| 6/30/2013 | 44,278,130   | 47,764,556   | 36,407,877   | 19,124,739   | 7,224,681    | 3,134,586    | 2,795,400    | 991,359       | 1,444,565      |                |                |                |                |
| 6/30/2014 | 47,893,512   | 56,089,314   | 43,225,615   | 21,284,323   | 12,461,514   | 5,632,970    | 2,015,457    | 2,461,891     |                |                |                |                |                |
| 6/30/2015 | 45,524,832   | 56,464,984   | 39,587,011   | 18,206,354   | 6,761,373    | 4,943,184    | 4,124,496    |               |                |                |                |                |                |
| 6/30/2016 | 48,129,353   | 58,255,027   | 39,439,352   | 16,216,372   | 8,006,318    | 6,391,221    |              |               |                |                |                |                |                |
| 6/30/2017 | 44,776,204   | 56,712,721   | 36,433,058   | 21,360,640   | 13,264,576   |              |              |               |                |                |                |                |                |
| 6/30/2018 | 50,838,001   | 60,069,262   | 46,581,796   | 26,923,909   |              |              |              |               |                |                |                |                |                |
| 6/30/2019 | 46,291,772   | 53,660,978   | 39,123,492   |              |              |              |              |               |                |                |                |                |                |
| 6/30/2020 | 38,171,126   | 41,734,539   |              |              |              |              |              |               |                |                |                |                |                |
| 6/30/2021 | 34,489,020   |              |              |              |              |              |              |               |                |                |                |                |                |

|               | Incremental Percentages |              |              |              |              |              |              |               |                |                |                |                |                |
|---------------|-------------------------|--------------|--------------|--------------|--------------|--------------|--------------|---------------|----------------|----------------|----------------|----------------|----------------|
| <u>A.Y.E.</u> | <u>27:15</u>            | <u>39:27</u> | <u>51:39</u> | <u>63:51</u> | <u>75:63</u> | <u>87:75</u> | <u>99:87</u> | <u>111:99</u> | <u>123:111</u> | <u>135:123</u> | <u>147:135</u> | <u>159:147</u> | <u>171:159</u> |
| 6/30/2003     | 0.0640                  | 0.0801       | 0.0624       | 0.0396       | 0.0116       | 0.0079       | 0.0023       | 0.0050        | 0.0032         | 0.0007         | 0.0020         | 0.0011         | 0.0003         |
| 6/30/2004     | 0.0709                  | 0.0776       | 0.0587       | 0.0213       | 0.0138       | 0.0047       | 0.0041       | 0.0022        | 0.0026         | 0.0018         | 0.0008         | 0.0013         | 0.0004         |
| 6/30/2005     | 0.0638                  | 0.0749       | 0.0596       | 0.0321       | 0.0166       | 0.0080       | 0.0043       | 0.0025        | 0.0027         | 0.0019         | -0.0009        | 0.0011         | 0.0042         |
| 6/30/2006     | 0.0655                  | 0.0739       | 0.0614       | 0.0255       | 0.0159       | 0.0080       | 0.0024       | 0.0043        | 0.0027         | 0.0007         | 0.0022         | 0.0001         | 0.0008         |
| 6/30/2007     | 0.0740                  | 0.0694       | 0.0598       | 0.0292       | 0.0128       | 0.0037       | 0.0037       | 0.0051        | 0.0000         | 0.0010         | -0.0001        | 0.0005         | 0.0005         |
| 6/30/2008     | 0.0646                  | 0.0888       | 0.0564       | 0.0352       | 0.0170       | 0.0092       | 0.0050       | 0.0007        | 0.0007         | 0.0012         | 0.0003         | 0.0014         | 0.0012         |
| 6/30/2009     | 0.0645                  | 0.0844       | 0.0687       | 0.0291       | 0.0128       | 0.0082       | 0.0045       | 0.0046        | 0.0015         | 0.0126         | 0.0012         | 0.0009         | 0.0017         |
| 6/30/2010     | 0.0649                  | 0.0834       | 0.0562       | 0.0265       | 0.0130       | 0.0064       | 0.0034       | 0.0054        | 0.0025         | 0.0002         | 0.0025         | 0.0007         |                |
| 6/30/2011     | 0.0708                  | 0.0872       | 0.0578       | 0.0278       | 0.0137       | 0.0064       | 0.0023       | -0.0008       | 0.0018         | 0.0012         | 0.0008         |                |                |
| 6/30/2012     | 0.0732                  | 0.0857       | 0.0603       | 0.0312       | 0.0150       | 0.0065       | 0.0037       |               | 0.0035         |                |                |                |                |
| 6/30/2013     | 0.0775                  | 0.0836       | 0.0637       | 0.0335       | 0.0126       | 0.0055       | 0.0049       | 0.0017        | 0.0025         |                |                |                |                |
| 6/30/2014     | 0.0673                  | 0.0788       | 0.0607       | 0.0299       | 0.0175       | 0.0079       | 0.0028       | 0.0035        |                |                |                |                |                |
| 6/30/2015     | 0.0632                  | 0.0783       | 0.0549       | 0.0253       | 0.0094       | 0.0069       | 0.0057       |               |                |                |                |                |                |
| 6/30/2016     | 0.0659                  | 0.0798       | 0.0540       | 0.0222       | 0.0110       | 0.0088       |              |               |                |                |                |                |                |
| 6/30/2017     | 0.0553                  | 0.0701       | 0.0450       | 0.0264       | 0.0164       |              |              |               |                |                |                |                |                |
| 6/30/2018     | 0.0561                  | 0.0663       | 0.0514       | 0.0297       |              |              |              |               |                |                |                |                |                |
| 6/30/2019     | 0.0525                  | 0.0609       | 0.0444       |              |              |              |              |               |                |                |                |                |                |
| 6/30/2020     | 0.0555                  | 0.0607       |              |              |              |              |              |               |                |                |                |                |                |
| 6/30/2021     | 0.0519                  |              |              |              |              |              |              |               |                |                |                |                |                |

|          |        |        |        |        |        |        |        |        |        |        |        |        |        |
|----------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Best 3/5 | 0.0544 | 0.0658 | 0.0501 | 0.0271 | 0.0133 | 0.0071 | 0.0038 | 0.0029 | 0.0021 | 0.0010 | 0.0008 | 0.0007 | 0.0012 |
|----------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|

Premises / Operations (Subline Code 334)  
 Owners, Landlords and Tenants  
 Full Coverage  
 Multistate  
 Property Damage - Occurrence  
 Incurred Accident Year Basic Limits Loss Development Excluding ALAE

\$100,000 Basic Limit Losses as of :

| <u>A.Y.E.</u> | <u>15 Months</u> | <u>27 Months</u> | <u>39 Months</u> | <u>51 Months</u> | <u>63 Months</u> | <u>75 Months</u> | <u>87 Months</u> | <u>99 Months</u> | <u>111 Months</u> | <u>123 Months</u> | <u>135 Months</u> |
|---------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-------------------|-------------------|-------------------|
| 6/30/2003     | 25,329,563       | 28,457,741       | 31,112,302       | 31,451,974       | 33,879,074       | 33,626,766       | 33,619,575       | 33,712,021       | 33,278,892        | 33,701,030        | 33,830,962        |
| 6/30/2004     | 24,581,165       | 28,390,157       | 28,872,404       | 30,115,386       | 31,538,423       | 31,903,425       | 31,591,645       | 31,500,435       | 31,685,374        | 31,772,972        | 31,877,284        |
| 6/30/2005     | 25,102,916       | 26,707,044       | 29,299,618       | 29,797,784       | 30,453,242       | 30,589,016       | 30,667,678       | 30,767,966       | 30,875,984        | 31,241,324        | 31,134,162        |
| 6/30/2006     | 24,207,430       | 26,436,340       | 27,833,295       | 28,140,091       | 28,537,399       | 28,739,313       | 28,999,486       | 29,291,554       | 29,402,821        | 29,249,127        | 29,140,054        |
| 6/30/2007     | 25,218,454       | 27,250,578       | 28,991,329       | 29,457,589       | 30,041,914       | 30,123,992       | 30,202,870       | 30,482,626       | 31,015,832        | 30,890,267        | 30,948,488        |
| 6/30/2008     | 28,412,877       | 30,759,458       | 31,051,068       | 30,921,659       | 31,811,282       | 31,988,384       | 32,293,702       | 32,138,258       | 32,370,067        | 32,628,319        | 32,585,861        |
| 6/30/2009     | 30,119,729       | 30,970,723       | 31,939,056       | 32,453,879       | 32,629,376       | 32,917,618       | 32,844,531       | 32,650,259       | 32,879,624        | 33,316,464        | 33,400,779        |
| 6/30/2010     | 30,145,585       | 33,855,493       | 35,883,116       | 36,061,667       | 36,534,538       | 36,514,305       | 36,540,013       | 36,644,285       | 36,771,010        | 36,638,316        | 36,806,315        |
| 6/30/2011     | 36,945,029       | 40,395,897       | 41,661,220       | 41,885,378       | 41,764,855       | 41,653,180       | 42,045,703       | 42,632,155       | 42,659,263        | 42,830,927        | 42,909,382        |
| 6/30/2012     | 36,478,559       | 38,708,680       | 40,080,014       | 40,552,314       | 40,713,338       | 40,499,827       | 40,952,256       | 41,058,118       | 41,273,700        | 41,330,543        | 41,374,495        |
| 6/30/2013     | 33,970,470       | 36,576,153       | 38,415,724       | 39,063,600       | 39,787,927       | 40,244,073       | 40,674,785       | 40,824,573       | 41,099,554        | 40,895,279        |                   |
| 6/30/2014     | 39,014,308       | 42,420,860       | 43,322,889       | 45,048,702       | 45,062,621       | 45,561,418       | 46,052,440       | 46,105,340       | 46,271,026        |                   |                   |
| 6/30/2015     | 38,850,850       | 41,982,221       | 43,429,878       | 46,162,307       | 47,900,241       | 47,661,230       | 48,039,410       | 48,260,362       |                   |                   |                   |
| 6/30/2016     | 31,562,026       | 36,677,827       | 40,439,101       | 41,048,459       | 41,873,471       | 42,009,747       | 42,317,103       |                  |                   |                   |                   |
| 6/30/2017     | 35,035,243       | 39,919,649       | 43,330,895       | 44,849,121       | 45,281,151       | 45,153,170       |                  |                  |                   |                   |                   |
| 6/30/2018     | 36,345,067       | 44,899,412       | 48,410,191       | 50,133,474       | 50,922,288       |                  |                  |                  |                   |                   |                   |
| 6/30/2019     | 38,593,697       | 43,836,842       | 46,502,863       | 49,063,280       |                  |                  |                  |                  |                   |                   |                   |
| 6/30/2020     | 34,399,276       | 37,943,358       | 40,511,673       |                  |                  |                  |                  |                  |                   |                   |                   |
| 6/30/2021     | 32,957,346       | 36,921,800       |                  |                  |                  |                  |                  |                  |                   |                   |                   |
| 6/30/2022     | 33,194,990       |                  |                  |                  |                  |                  |                  |                  |                   |                   |                   |

| <u>A.Y.E</u> | <u>147 Months</u> | <u>159 Months</u> | <u>171 Months</u> | <u>183 Months</u> | <u>195 Months</u> | <u>207 Months</u> | <u>219 Months</u> | <u>231 Months</u> | <u>243 Months</u> |
|--------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| 6/30/2003    | 33,923,146        | 34,022,758        | 34,049,676        | 34,115,383        | 34,136,898        | 34,182,190        | 34,155,236        | 34,266,086        | 34,345,440        |
| 6/30/2004    | 32,075,087        | 32,101,193        | 32,151,609        | 32,177,812        | 32,267,632        | 32,362,447        | 32,354,554        | 32,461,503        |                   |
| 6/30/2005    | 31,011,825        | 31,017,746        | 30,838,825        | 30,825,760        | 30,885,778        | 30,931,590        | 31,001,220        |                   |                   |
| 6/30/2006    | 29,215,975        | 29,104,849        | 29,160,456        | 29,252,864        | 29,261,901        | 29,298,005        |                   |                   |                   |
| 6/30/2007    | 30,839,362        | 30,809,743        | 30,992,656        | 30,998,407        | 30,986,183        |                   |                   |                   |                   |
| 6/30/2008    | 32,596,709        | 32,578,698        | 32,572,606        | 32,761,633        |                   |                   |                   |                   |                   |
| 6/30/2009    | 33,896,756        | 34,203,992        | 34,142,496        |                   |                   |                   |                   |                   |                   |
| 6/30/2010    | 37,026,313        | 36,955,950        |                   |                   |                   |                   |                   |                   |                   |
| 6/30/2011    | 42,960,204        |                   |                   |                   |                   |                   |                   |                   |                   |



Premises / Operations (Subline Code 334)  
 Owners, Landlords and Tenants  
 Full Coverage  
 Multistate  
 Property Damage - Occurrence  
 Incurred Accident Year Basic Limits Loss Development Excluding ALAE

|           | Link Ratios      |                |                |                |                |                |                |                |                 |                |                |
|-----------|------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|-----------------|----------------|----------------|
| A.Y.E.    | <u>27:15</u>     | <u>39:27</u>   | <u>51:39</u>   | <u>63:51</u>   | <u>75:63</u>   | <u>87:75</u>   | <u>99:87</u>   | <u>111:99</u>  | <u>123:111</u>  | <u>135:123</u> | <u>147:135</u> |
| 6/30/2003 | 1.123            | 1.093          | 1.011          | 1.077          | 0.993          | 1.000          | 1.003          | 0.987          | 1.013           | 1.004          | 1.003          |
| 6/30/2004 | 1.155            | 1.017          | 1.043          | 1.047          | 1.012          | 0.990          | 0.997          | 1.006          | 1.003           | 1.003          | 1.006          |
| 6/30/2005 | 1.064            | 1.097          | 1.017          | 1.022          | 1.004          | 1.003          | 1.003          | 1.004          | 1.012           | 0.997          | 0.996          |
| 6/30/2006 | 1.092            | 1.053          | 1.011          | 1.014          | 1.007          | 1.009          | 1.010          | 1.004          | 0.995           | 0.996          | 1.003          |
| 6/30/2007 | 1.081            | 1.064          | 1.016          | 1.020          | 1.003          | 1.003          | 1.009          | 1.017          | 0.996           | 1.002          | 0.996          |
| 6/30/2008 | 1.083            | 1.009          | 0.996          | 1.029          | 1.006          | 1.010          | 0.995          | 1.007          | 1.008           | 0.999          | 1.000          |
| 6/30/2009 | 1.028            | 1.031          | 1.016          | 1.005          | 1.009          | 0.998          | 0.994          | 1.007          | 1.013           | 1.003          | 1.015          |
| 6/30/2010 | 1.123            | 1.060          | 1.005          | 1.013          | 0.999          | 1.001          | 1.003          | 1.003          | 0.996           | 1.005          | 1.006          |
| 6/30/2011 | 1.093            | 1.031          | 1.005          | 0.997          | 0.997          | 1.009          | 1.014          | 1.001          | 1.004           | 1.002          | 1.001          |
| 6/30/2012 | 1.061            | 1.035          | 1.012          | 1.004          | 0.995          | 1.011          | 1.003          | 1.005          | 1.001           | 1.001          |                |
| 6/30/2013 | 1.077            | 1.050          | 1.017          | 1.019          | 1.011          | 1.011          | 1.004          | 1.007          | 0.995           |                |                |
| 6/30/2014 | 1.087            | 1.021          | 1.040          | 1.000          | 1.011          | 1.011          | 1.001          | 1.004          |                 |                |                |
| 6/30/2015 | 1.081            | 1.034          | 1.063          | 1.038          | 0.995          | 1.008          | 1.005          |                |                 |                |                |
| 6/30/2016 | 1.162            | 1.103          | 1.015          | 1.020          | 1.003          | 1.007          |                |                |                 |                |                |
| 6/30/2017 | 1.139            | 1.085          | 1.035          | 1.010          | 0.997          |                |                |                |                 |                |                |
| 6/30/2018 | 1.235            | 1.078          | 1.036          | 1.016          |                |                |                |                |                 |                |                |
| 6/30/2019 | 1.136            | 1.061          | 1.055          |                |                |                |                |                |                 |                |                |
| 6/30/2020 | 1.103            | 1.068          |                |                |                |                |                |                |                 |                |                |
| 6/30/2021 | 1.120            |                |                |                |                |                |                |                |                 |                |                |
| 3 Yr Mean | 1.120            | 1.069          | 1.042          | 1.015          | 0.998          | 1.009          | 1.003          | 1.005          | 1.000           | 1.003          | 1.007          |
| Best 3/5  | 1.132            | 1.077          | 1.042          | 1.015          | 1.004          | 1.010          | 1.004          | 1.004          | 1.000           | 1.002          | 1.002          |
|           | <u>159:147</u>   | <u>171:159</u> | <u>183:171</u> | <u>195:183</u> | <u>207:195</u> | <u>219:207</u> | <u>231:219</u> | <u>243:231</u> |                 |                |                |
| 6/30/2003 | 1.003            | 1.001          | 1.002          | 1.001          | 1.001          | 0.999          | 1.003          | 1.002          |                 |                |                |
| 6/30/2004 | 1.001            | 1.002          | 1.001          | 1.003          | 1.003          | 1.000          | 1.003          | <b>1.001</b>   |                 |                |                |
| 6/30/2005 | 1.000            | 0.994          | 1.000          | 1.002          | 1.001          | 1.002          | <b>1.000</b>   | <b>1.001</b>   |                 |                |                |
| 6/30/2006 | 0.996            | 1.002          | 1.003          | 1.000          | 1.001          | <b>1.001</b>   | <b>1.000</b>   | <b>1.001</b>   |                 |                |                |
| 6/30/2007 | 0.999            | 1.006          | 1.000          | 1.000          | <b>1.001</b>   | <b>1.001</b>   | <b>1.000</b>   | <b>1.001</b>   |                 |                |                |
| 6/30/2008 | 0.999            | 1.000          | 1.006          |                |                |                |                |                |                 |                |                |
| 6/30/2009 | 1.009            | 0.998          |                |                |                |                |                |                |                 |                |                |
| 6/30/2010 | 0.998            |                |                |                |                |                |                |                |                 |                |                |
| 3 Yr Mean | 1.002            | 1.001          | 1.003          | 1.001          | 1.002          | 1.000          | 1.003          | 1.002          |                 |                |                |
| Best 3/5  | 0.999            | 1.000          | 1.001          | 1.001          | <b>1.001</b>   | <b>1.001</b>   | <b>1.001</b>   | <b>1.001</b>   |                 |                |                |
|           | Development From |                |                |                |                |                |                |                |                 |                |                |
| A.Y.E.    | <u>15/ 27</u>    | <u>27/ 39</u>  | <u>39/ 51</u>  | <u>51/ 63</u>  | <u>63/ 75</u>  | <u>75/ 87</u>  | <u>87/ 99</u>  | <u>99/111</u>  | <u>111/123</u>  | <u>123/135</u> | <u>135/147</u> |
| 6/30/2018 |                  |                |                |                | 1.004          | 1.010          | 1.004          | 1.004          | 1.000           | 1.002          | 1.002          |
| 6/30/2019 |                  |                |                | 1.015          | 1.004          | 1.010          | 1.004          | 1.004          | 1.000           | 1.002          | 1.002          |
| 6/30/2020 |                  |                | 1.042          | 1.015          | 1.004          | 1.010          | 1.004          | 1.004          | 1.000           | 1.002          | 1.002          |
| 6/30/2021 |                  | 1.077          | 1.042          | 1.015          | 1.004          | 1.010          | 1.004          | 1.004          | 1.000           | 1.002          | 1.002          |
| 6/30/2022 | 1.132            | 1.077          | 1.042          | 1.015          | 1.004          | 1.010          | 1.004          | 1.004          | 1.000           | 1.002          | 1.002          |
|           | <u>147/159</u>   | <u>159/171</u> | <u>171/183</u> | <u>183/195</u> | <u>195/207</u> | <u>207/219</u> | <u>219/231</u> | <u>231/243</u> | <u>243/011t</u> |                | <u>FACTORS</u> |
| 6/30/2018 | 0.999            | 1.000          | 1.001          | 1.001          | 1.001          | 1.001          | 1.001          | 1.001          | <b>1.005</b>    |                | 1.037          |
| 6/30/2019 | 0.999            | 1.000          | 1.001          | 1.001          | 1.001          | 1.001          | 1.001          | 1.001          | <b>1.005</b>    |                | 1.052          |
| 6/30/2020 | 0.999            | 1.000          | 1.001          | 1.001          | 1.001          | 1.001          | 1.001          | 1.001          | <b>1.005</b>    |                | 1.096          |
| 6/30/2021 | 0.999            | 1.000          | 1.001          | 1.001          | 1.001          | 1.001          | 1.001          | 1.001          | <b>1.005</b>    |                | 1.181          |
| 6/30/2022 | 0.999            | 1.000          | 1.001          | 1.001          | 1.001          | 1.001          | 1.001          | 1.001          | <b>1.005</b>    |                | 1.337          |

**Bold - Calculated Using Modified Bondy Method**

*Italics - Three year mean Excludes Modified Bondy ratios*

Premises / Operations (Subline Code 334)  
 Owners, Landlords and Tenants  
 Deductible  
 Multistate  
 Property Damage - Occurrence  
 Incurred Accident Year Basic Limits Loss Development Excluding ALAE

| \$100,000 Basic Limit Losses as of : |                  |                  |                  |                  |                  |                  |                  |                  |                   |                   |                   |
|--------------------------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-------------------|-------------------|-------------------|
| <u>A.Y.E.</u>                        | <u>15 Months</u> | <u>27 Months</u> | <u>39 Months</u> | <u>51 Months</u> | <u>63 Months</u> | <u>75 Months</u> | <u>87 Months</u> | <u>99 Months</u> | <u>111 Months</u> | <u>123 Months</u> | <u>135 Months</u> |
| 6/30/2003                            | 1,350,578        | 1,269,393        | 1,345,357        | 1,589,094        | 1,505,733        | 1,388,933        | 1,392,201        | 1,449,428        | 1,449,428         | 1,449,428         | 1,449,428         |
| 6/30/2004                            | 1,455,661        | 1,634,999        | 2,043,408        | 2,166,787        | 2,407,794        | 2,396,272        | 2,391,271        | 2,389,838        | 2,354,838         | 2,420,408         | 2,419,507         |
| 6/30/2005                            | 1,947,549        | 1,989,785        | 1,907,051        | 2,267,944        | 2,238,992        | 2,407,792        | 2,257,741        | 2,376,783        | 2,336,283         | 2,347,572         | 2,345,572         |
| 6/30/2006                            | 1,513,581        | 1,718,662        | 1,909,135        | 1,791,943        | 1,765,979        | 1,711,579        | 1,726,579        | 1,769,154        | 1,752,257         | 1,756,480         | 1,756,314         |
| 6/30/2007                            | 1,276,079        | 1,448,069        | 1,989,650        | 1,698,696        | 1,885,396        | 1,761,602        | 1,764,102        | 1,857,998        | 1,957,999         | 1,957,998         | 1,957,998         |
| 6/30/2008                            | 978,251          | 1,430,439        | 1,068,517        | 1,102,102        | 1,030,667        | 1,027,978        | 1,046,178        | 1,040,978        | 1,042,978         | 1,043,080         | 1,064,289         |
| 6/30/2009                            | 1,961,270        | 1,287,777        | 1,467,663        | 1,416,457        | 1,403,918        | 1,394,124        | 1,522,046        | 1,474,625        | 1,474,624         | 1,474,624         | 1,474,624         |
| 6/30/2010                            | 1,231,766        | 1,205,943        | 1,225,999        | 1,274,277        | 1,342,738        | 1,355,238        | 1,306,262        | 1,255,262        | 1,254,237         | 1,264,436         | 1,264,073         |
| 6/30/2011                            | 1,218,147        | 1,268,742        | 1,310,056        | 1,228,415        | 1,378,892        | 1,393,495        | 1,375,404        | 1,386,404        | 1,361,404         | 1,361,404         | 1,361,404         |
| 6/30/2012                            | 1,037,915        | 1,085,916        | 1,312,818        | 1,500,390        | 1,465,629        | 1,624,987        | 1,525,841        | 1,535,159        | 1,533,203         | 1,531,483         | 1,538,983         |
| 6/30/2013                            | 1,583,246        | 1,689,163        | 1,650,824        | 1,473,479        | 1,649,611        | 1,616,111        | 1,616,100        | 1,627,850        | 1,607,850         | 1,607,850         |                   |
| 6/30/2014                            | 1,847,379        | 1,712,874        | 1,602,680        | 1,695,347        | 1,667,697        | 1,613,201        | 1,708,002        | 1,808,002        | 1,731,402         |                   |                   |
| 6/30/2015                            | 1,977,192        | 1,865,133        | 1,799,225        | 2,134,242        | 1,985,739        | 2,105,943        | 2,177,593        | 2,177,593        |                   |                   |                   |
| 6/30/2016                            | 1,916,638        | 2,216,746        | 2,566,935        | 2,837,402        | 3,250,954        | 3,342,811        | 3,381,591        |                  |                   |                   |                   |
| 6/30/2017                            | 1,989,643        | 2,179,201        | 2,409,145        | 2,557,979        | 2,256,637        | 2,185,372        |                  |                  |                   |                   |                   |
| 6/30/2018                            | 2,404,355        | 2,865,593        | 3,259,642        | 3,503,193        | 3,472,519        |                  |                  |                  |                   |                   |                   |
| 6/30/2019                            | 2,596,793        | 2,955,858        | 2,908,623        | 2,891,071        |                  |                  |                  |                  |                   |                   |                   |
| 6/30/2020                            | 2,628,826        | 3,176,995        | 3,679,003        |                  |                  |                  |                  |                  |                   |                   |                   |
| 6/30/2021                            | 2,436,085        | 2,674,485        |                  |                  |                  |                  |                  |                  |                   |                   |                   |
| 6/30/2022                            | 1,942,610        |                  |                  |                  |                  |                  |                  |                  |                   |                   |                   |

  

| <u>A.Y.E.</u> | <u>147 Months</u> | <u>159 Months</u> | <u>171 Months</u> | <u>183 Months</u> | <u>195 Months</u> | <u>207 Months</u> | <u>219 Months</u> | <u>231 Months</u> | <u>243 Months</u> |
|---------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| 6/30/2003     | 1,449,428         | 1,449,428         | 1,449,428         | 1,649,428         | 1,651,037         | 1,651,037         | 1,651,037         | 1,651,037         | 1,651,037         |
| 6/30/2004     | 2,519,408         | 2,521,283         | 2,521,283         | 2,521,383         | 2,521,283         | 2,521,283         | 2,521,283         | 2,526,283         |                   |
| 6/30/2005     | 2,345,572         | 2,344,572         | 2,344,572         | 2,345,600         | 2,345,600         | 2,345,600         | 2,345,600         |                   |                   |
| 6/30/2006     | 1,760,078         | 1,755,269         | 1,759,416         | 1,752,000         | 1,750,976         | 1,750,976         |                   |                   |                   |
| 6/30/2007     | 1,957,999         | 1,962,998         | 1,961,892         | 1,961,892         | 1,961,892         |                   |                   |                   |                   |
| 6/30/2008     | 1,054,289         | 1,045,955         | 1,045,955         | 1,045,955         |                   |                   |                   |                   |                   |
| 6/30/2009     | 1,474,624         | 1,474,624         | 1,474,624         |                   |                   |                   |                   |                   |                   |
| 6/30/2010     | 1,264,323         | 1,264,323         |                   |                   |                   |                   |                   |                   |                   |
| 6/30/2011     | 1,361,404         |                   |                   |                   |                   |                   |                   |                   |                   |

Premises / Operations (Subline Code 334)  
 Owners, Landlords and Tenants  
 Deductible  
 Multistate  
 Property Damage - Occurrence  
 Incurred Accident Year Basic Limits Loss Development Excluding ALAE

| Link Ratios      |         |         |         |         |         |         |         |         |         |         |         |
|------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| A.Y.E.           | 27:15   | 39:27   | 51:39   | 63:51   | 75:63   | 87:75   | 99:87   | 111:99  | 123:111 | 135:123 | 147:135 |
| 6/30/2003        | 0.940   | 1.060   | 1.181   | 0.948   | 0.922   | 1.002   | 1.041   | 1.000   | 1.000   | 1.000   | 1.000   |
| 6/30/2004        | 1.123   | 1.250   | 1.060   | 1.111   | 0.995   | 0.998   | 0.999   | 0.985   | 1.028   | 1.000   | 1.041   |
| 6/30/2005        | 1.022   | 0.958   | 1.189   | 0.987   | 1.075   | 0.938   | 1.053   | 0.983   | 1.005   | 0.999   | 1.000   |
| 6/30/2006        | 1.135   | 1.111   | 0.939   | 0.986   | 0.969   | 1.009   | 1.025   | 0.990   | 1.002   | 1.000   | 1.002   |
| 6/30/2007        | 1.135   | 1.374   | 0.854   | 1.110   | 0.934   | 1.001   | 1.053   | 1.054   | 1.000   | 1.000   | 1.000   |
| 6/30/2008        | 1.462   | 0.747   | 1.031   | 0.935   | 0.997   | 1.018   | 0.995   | 1.002   | 1.000   | 1.020   | 0.991   |
| 6/30/2009        | 0.657   | 1.140   | 0.965   | 0.991   | 0.993   | 1.092   | 0.969   | 1.000   | 1.000   | 1.000   | 1.000   |
| 6/30/2010        | 0.979   | 1.017   | 1.039   | 1.054   | 1.009   | 0.964   | 0.961   | 0.999   | 1.008   | 1.000   | 1.000   |
| 6/30/2011        | 1.042   | 1.033   | 0.938   | 1.122   | 1.011   | 0.987   | 1.008   | 0.982   | 1.000   | 1.000   | 1.000   |
| 6/30/2012        | 1.046   | 1.209   | 1.143   | 0.977   | 1.109   | 0.939   | 1.006   | 0.999   | 0.999   | 1.005   |         |
| 6/30/2013        | 1.067   | 0.977   | 0.893   | 1.120   | 0.980   | 1.000   | 1.007   | 0.988   | 1.000   |         |         |
| 6/30/2014        | 0.927   | 0.936   | 1.058   | 0.984   | 0.967   | 1.059   | 1.059   | 0.958   |         |         |         |
| 6/30/2015        | 0.943   | 0.965   | 1.186   | 0.930   | 1.061   | 1.034   | 1.000   |         |         |         |         |
| 6/30/2016        | 1.157   | 1.158   | 1.105   | 1.146   | 1.028   | 1.012   |         |         |         |         |         |
| 6/30/2017        | 1.095   | 1.106   | 1.062   | 0.882   | 0.968   |         |         |         |         |         |         |
| 6/30/2018        | 1.192   | 1.138   | 1.075   | 0.991   |         |         |         |         |         |         |         |
| 6/30/2019        | 1.138   | 0.984   | 0.994   |         |         |         |         |         |         |         |         |
| 6/30/2020        | 1.209   | 1.158   |         |         |         |         |         |         |         |         |         |
| 6/30/2021        | 1.098   |         |         |         |         |         |         |         |         |         |         |
| 3 Yr Mean        | 1.148   | 1.093   | 1.044   | 1.006   | 1.019   | 1.035   | 1.022   | 0.982   | 1.000   | 1.002   | 1.000   |
| Best 3/5         | 1.143   | 1.134   | 1.081   | 0.968   | 0.992   | 1.015   | 1.007   | 0.990   | 1.000   | 1.002   | 1.000   |
|                  |         |         |         |         |         |         |         |         |         |         |         |
| A.Y.E.           | 159:147 | 171:159 | 183:171 | 195:183 | 207:195 | 219:207 | 231:219 | 243:231 |         |         |         |
| 6/30/2003        | 1.000   | 1.000   | 1.138   | 1.001   | 1.000   | 1.000   | 1.000   | 1.000   |         |         |         |
| 6/30/2004        | 1.001   | 1.000   | 1.000   | 1.000   | 1.000   | 1.000   | 1.002   | 1.000   |         |         |         |
| 6/30/2005        | 1.000   | 1.000   | 1.000   | 1.000   | 1.000   | 1.000   | 1.000   | 1.000   |         |         |         |
| 6/30/2006        | 0.997   | 1.002   | 0.996   | 0.999   | 1.000   | 1.000   | 1.000   | 1.000   |         |         |         |
| 6/30/2007        | 1.003   | 0.999   | 1.000   | 1.000   | 1.000   | 1.000   | 1.000   | 1.000   |         |         |         |
| 6/30/2008        | 0.992   | 1.000   | 1.000   |         |         |         |         |         |         |         |         |
| 6/30/2009        | 1.000   | 1.000   |         |         |         |         |         |         |         |         |         |
| 6/30/2010        | 1.000   |         |         |         |         |         |         |         |         |         |         |
| 3 Yr Mean        | 0.997   | 1.000   | 0.999   | 1.000   | 1.000   | 1.000   | 1.001   | 1.000   |         |         |         |
| Best 3/5         | 0.999   | 1.000   | 1.000   | 1.000   | 1.000   | 1.000   | 1.000   | 1.000   |         |         |         |
|                  |         |         |         |         |         |         |         |         |         |         |         |
| Development From |         |         |         |         |         |         |         |         |         |         |         |
| A.Y.E.           | 15/ 27  | 27/ 39  | 39/ 51  | 51/ 63  | 63/ 75  | 75/ 87  | 87/ 99  | 99/111  | 111/123 | 123/135 | 135/147 |
| 6/30/2018        |         |         |         |         | 0.992   | 1.015   | 1.007   | 0.990   | 1.000   | 1.002   | 1.000   |
| 6/30/2019        |         |         |         | 0.968   | 0.992   | 1.015   | 1.007   | 0.990   | 1.000   | 1.002   | 1.000   |
| 6/30/2020        |         |         | 1.081   | 0.968   | 0.992   | 1.015   | 1.007   | 0.990   | 1.000   | 1.002   | 1.000   |
| 6/30/2021        |         | 1.134   | 1.081   | 0.968   | 0.992   | 1.015   | 1.007   | 0.990   | 1.000   | 1.002   | 1.000   |
| 6/30/2022        | 1.143   | 1.134   | 1.081   | 0.968   | 0.992   | 1.015   | 1.007   | 0.990   | 1.000   | 1.002   | 1.000   |
|                  |         |         |         |         |         |         |         |         |         |         |         |
| A.Y.E            | 147/159 | 159/171 | 171/183 | 183/195 | 195/207 | 207/219 | 219/231 | 231/243 | 243/U1t |         | FACTORS |
| 6/30/2018        | 0.999   | 1.000   | 1.000   | 1.000   | 1.000   | 1.000   | 1.000   | 1.000   | 1.000   |         | 1.005   |
| 6/30/2019        | 0.999   | 1.000   | 1.000   | 1.000   | 1.000   | 1.000   | 1.000   | 1.000   | 1.000   |         | 0.973   |
| 6/30/2020        | 0.999   | 1.000   | 1.000   | 1.000   | 1.000   | 1.000   | 1.000   | 1.000   | 1.000   |         | 1.051   |
| 6/30/2021        | 0.999   | 1.000   | 1.000   | 1.000   | 1.000   | 1.000   | 1.000   | 1.000   | 1.000   |         | 1.192   |
| 6/30/2022        | 0.999   | 1.000   | 1.000   | 1.000   | 1.000   | 1.000   | 1.000   | 1.000   | 1.000   |         | 1.363   |

**Bold - Calculated Using Modified Bondy Method**

*Italics - Three year mean Excludes Modified Bondy ratios*

Premises / Operations (Subline Code 334)  
 Owners, Landlords and Tenants  
 Full Coverage  
 Multistate  
 Property Damage - Occurrence  
 Incurred Accident Year ALAE Development

| <u>A.Y.E.</u> | <u>15 Months</u>  | <u>27 Months</u>  | <u>39 Months</u>  | <u>51 Months</u>  | <u>63 Months</u>  | <u>75 Months</u>  | <u>87 Months</u>  | <u>99 Months</u>  | <u>111 Months</u> | <u>123 Months</u> | <u>135 Months</u> |
|---------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| 6/30/2003     | 2,559,699         | 5,251,569         | 8,392,870         | 12,106,767        | 15,761,932        | 17,387,254        | 18,726,348        | 19,270,946        | 19,653,123        | 20,146,540        | 20,295,864        |
| 6/30/2004     | 2,469,537         | 6,100,373         | 9,716,169         | 12,762,954        | 15,898,463        | 18,167,487        | 19,282,063        | 19,386,093        | 20,177,657        | 20,677,073        | 20,674,867        |
| 6/30/2005     | 3,123,981         | 6,788,378         | 12,163,008        | 15,089,181        | 17,985,018        | 19,839,872        | 20,690,685        | 21,482,226        | 22,288,671        | 24,018,263        | 24,376,102        |
| 6/30/2006     | 2,406,332         | 6,018,435         | 9,506,068         | 12,656,540        | 14,254,696        | 16,463,705        | 18,462,812        | 19,422,571        | 19,503,346        | 19,895,303        | 22,803,305        |
| 6/30/2007     | 3,451,396         | 7,383,712         | 10,584,651        | 14,229,627        | 15,849,250        | 17,673,973        | 19,997,332        | 20,000,173        | 21,660,200        | 21,970,171        | 22,135,727        |
| 6/30/2008     | 3,657,552         | 7,494,010         | 12,108,442        | 15,845,173        | 19,066,514        | 20,430,868        | 21,280,082        | 22,192,115        | 23,285,148        | 24,092,661        | 25,118,986        |
| 6/30/2009     | 3,812,889         | 6,434,889         | 10,633,550        | 12,932,522        | 15,412,881        | 17,009,358        | 17,972,968        | 19,124,652        | 19,856,355        | 20,710,268        | 21,035,256        |
| 6/30/2010     | 3,696,882         | 8,424,318         | 13,534,613        | 17,714,008        | 20,921,215        | 22,462,519        | 24,938,291        | 25,815,179        | 26,362,221        | 26,358,028        | 26,936,388        |
| 6/30/2011     | 4,136,176         | 10,652,077        | 15,568,436        | 20,230,115        | 23,969,653        | 26,029,061        | 26,479,926        | 27,084,259        | 27,285,499        | 27,790,113        | 27,986,566        |
| 6/30/2012     | 5,109,695         | 8,746,558         | 12,040,727        | 15,908,039        | 19,097,718        | 21,209,118        | 22,964,951        | 24,300,659        | 25,991,424        | 27,137,076        | 27,829,564        |
| 6/30/2013     | 4,694,556         | 8,797,501         | 15,065,616        | 20,463,296        | 20,999,651        | 21,913,191        | 21,966,515        | 23,296,527        | 24,280,457        | 24,547,938        |                   |
| 6/30/2014     | 4,868,607         | 9,433,509         | 13,277,688        | 15,832,312        | 17,194,053        | 21,803,419        | 22,490,475        | 23,515,458        | 23,855,489        |                   |                   |
| 6/30/2015     | 5,378,346         | 10,394,140        | 15,762,331        | 20,339,072        | 24,471,155        | 27,056,024        | 27,884,854        | 29,114,777        |                   |                   |                   |
| 6/30/2016     | 4,048,339         | 9,129,491         | 15,214,051        | 20,358,458        | 23,067,934        | 24,027,369        | 24,462,995        |                   |                   |                   |                   |
| 6/30/2017     | 5,047,946         | 10,338,097        | 15,526,459        | 19,885,561        | 21,702,953        | 24,435,472        |                   |                   |                   |                   |                   |
| 6/30/2018     | 5,755,177         | 12,325,070        | 18,674,109        | 23,801,467        | 27,720,699        |                   |                   |                   |                   |                   |                   |
| 6/30/2019     | 4,338,059         | 9,007,303         | 14,293,308        | 18,864,850        |                   |                   |                   |                   |                   |                   |                   |
| 6/30/2020     | 5,962,329         | 10,459,825        | 14,664,605        |                   |                   |                   |                   |                   |                   |                   |                   |
| 6/30/2021     | 5,613,250         | 9,507,647         |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| 6/30/2022     | 4,846,208         |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| <u>A.Y.E.</u> | <u>147 Months</u> | <u>159 Months</u> | <u>171 Months</u> | <u>183 Months</u> | <u>195 Months</u> | <u>207 Months</u> | <u>219 Months</u> | <u>231 Months</u> | <u>243 Months</u> |                   |                   |
| 6/30/2003     | 20,208,931        | 20,287,755        | 20,206,358        | 20,245,993        | 20,265,834        | 20,283,800        | 20,327,683        | 20,446,648        | 20,476,807        |                   |                   |
| 6/30/2004     | 20,789,690        | 20,859,007        | 20,929,699        | 20,836,339        | 20,966,566        | 21,070,079        | 21,086,720        | 21,117,301        |                   |                   |                   |
| 6/30/2005     | 24,336,158        | 24,705,619        | 24,846,536        | 24,949,660        | 25,038,136        | 25,076,614        | 25,307,610        |                   |                   |                   |                   |
| 6/30/2006     | 23,124,214        | 22,995,183        | 23,199,732        | 23,423,279        | 23,507,300        | 23,559,881        |                   |                   |                   |                   |                   |
| 6/30/2007     | 22,207,883        | 22,344,036        | 22,378,522        | 22,386,234        | 22,414,165        |                   |                   |                   |                   |                   |                   |
| 6/30/2008     | 25,459,907        | 25,552,554        | 25,979,675        | 26,238,523        |                   |                   |                   |                   |                   |                   |                   |
| 6/30/2009     | 21,252,766        | 21,507,910        | 21,666,982        |                   |                   |                   |                   |                   |                   |                   |                   |
| 6/30/2010     | 27,602,077        | 27,938,752        |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| 6/30/2011     | 28,128,913        |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |

Premises / Operations (Subline Code 334)  
 Owners, Landlords and Tenants  
 Full Coverage  
 Multistate  
 Property Damage - Occurrence  
 Incurred Accident Year Incremental ALAE Development

|           | Increments   |              |              |              |              |              |              |               |                |                |                |                |                |
|-----------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|---------------|----------------|----------------|----------------|----------------|----------------|
| A.Y.E.    | <u>27:15</u> | <u>39:27</u> | <u>51:39</u> | <u>63:51</u> | <u>75:63</u> | <u>87:75</u> | <u>99:87</u> | <u>111:99</u> | <u>123:111</u> | <u>135:123</u> | <u>147:135</u> | <u>159:147</u> | <u>171:159</u> |
| 6/30/2003 | 2,691,870    | 3,141,301    | 3,713,897    | 3,655,165    | 1,625,322    | 1,339,094    | 544,598      | 382,177       | 493,417        | 149,324        | -86,933        | 78,824         | -81,397        |
| 6/30/2004 | 3,630,836    | 3,615,796    | 3,046,785    | 3,135,509    | 2,269,024    | 1,114,576    | 104,030      | 791,564       | 499,416        | -2,206         | 114,823        | 69,317         | 70,692         |
| 6/30/2005 | 3,664,397    | 5,374,630    | 2,926,173    | 2,895,837    | 1,854,854    | 850,813      | 791,541      | 806,445       | 1,729,592      | 357,839        | -39,944        | 369,461        | 140,917        |
| 6/30/2006 | 3,612,103    | 3,487,633    | 3,150,472    | 1,598,156    | 2,209,009    | 1,999,107    | 959,759      | 80,775        | 391,957        | 2,908,002      | 320,909        | -129,031       | 204,549        |
| 6/30/2007 | 3,932,316    | 3,200,939    | 3,644,976    | 1,619,623    | 1,824,723    | 2,323,359    | 2,841        | 1,660,027     | 309,971        | 165,556        | 72,156         | 136,153        | 34,486         |
| 6/30/2008 | 3,836,458    | 4,614,432    | 3,736,731    | 3,221,341    | 1,364,354    | 849,214      | 912,033      | 1,093,033     | 807,513        | 1,026,325      | 340,921        | 92,647         | 427,121        |
| 6/30/2009 | 2,622,000    | 4,198,661    | 2,298,972    | 2,480,359    | 1,596,477    | 963,610      | 1,151,684    | 731,703       | 853,913        | 324,988        | 217,510        | 255,144        | 159,072        |
| 6/30/2010 | 4,727,436    | 5,110,295    | 4,179,395    | 3,207,207    | 1,541,304    | 2,475,772    | 876,888      | 547,042       | -4,193         | 578,360        | 665,689        | 336,675        |                |
| 6/30/2011 | 6,515,901    | 4,916,359    | 4,661,679    | 3,739,538    | 2,059,408    | 450,865      | 604,333      | 201,240       | 504,614        | 196,453        | 142,347        |                |                |
| 6/30/2012 | 3,636,863    | 3,294,169    | 3,867,312    | 3,189,679    | 2,111,400    | 1,755,833    | 1,335,708    | 1,690,765     | 1,145,652      | 692,488        |                |                |                |
| 6/30/2013 | 4,102,945    | 6,268,115    | 5,397,680    | 536,355      | 913,540      | 53,324       | 1,330,012    | 983,930       | 267,481        |                |                |                |                |
| 6/30/2014 | 4,564,902    | 3,844,179    | 2,554,624    | 1,361,741    | 4,609,366    | 687,056      | 1,024,983    | 340,031       |                |                |                |                |                |
| 6/30/2015 | 5,015,794    | 5,368,191    | 4,576,741    | 4,132,083    | 2,584,869    | 828,830      | 1,229,923    |               |                |                |                |                |                |
| 6/30/2016 | 5,081,152    | 6,084,560    | 5,144,407    | 2,709,476    | 959,435      | 435,626      |              |               |                |                |                |                |                |
| 6/30/2017 | 5,290,151    | 5,188,362    | 4,359,102    | 1,817,392    | 2,732,519    |              |              |               |                |                |                |                |                |
| 6/30/2018 | 6,569,893    | 6,349,039    | 5,127,358    | 3,919,232    |              |              |              |               |                |                |                |                |                |
| 6/30/2019 | 4,669,244    | 5,286,005    | 4,571,542    |              |              |              |              |               |                |                |                |                |                |
| 6/30/2020 | 4,497,496    | 4,204,780    |              |              |              |              |              |               |                |                |                |                |                |
| 6/30/2021 | 3,894,397    |              |              |              |              |              |              |               |                |                |                |                |                |

|               | Incremental Percentages |              |              |              |              |              |              |               |                |                |                |                |                |
|---------------|-------------------------|--------------|--------------|--------------|--------------|--------------|--------------|---------------|----------------|----------------|----------------|----------------|----------------|
| <u>A.Y.E.</u> | <u>27:15</u>            | <u>39:27</u> | <u>51:39</u> | <u>63:51</u> | <u>75:63</u> | <u>87:75</u> | <u>99:87</u> | <u>111:99</u> | <u>123:111</u> | <u>135:123</u> | <u>147:135</u> | <u>159:147</u> | <u>171:159</u> |
| 6/30/2003     | 0.0584                  | 0.0681       | 0.0805       | 0.0792       | 0.0352       | 0.0290       | 0.0118       | 0.0083        | 0.0107         | 0.0032         | -0.0019        | 0.0017         | -0.0018        |
| 6/30/2004     | 0.0820                  | 0.0817       | 0.0688       | 0.0708       | 0.0513       | 0.0252       | 0.0023       | 0.0179        | 0.0113         | 0.0000         | 0.0026         | 0.0016         | 0.0016         |
| 6/30/2005     | 0.0907                  | 0.1331       | 0.0725       | 0.0717       | 0.0459       | 0.0211       | 0.0196       | 0.0200        | 0.0428         | 0.0089         | -0.0010        | 0.0091         | 0.0035         |
| 6/30/2006     | 0.0964                  | 0.0931       | 0.0841       | 0.0427       | 0.0590       | 0.0534       | 0.0256       | 0.0022        | 0.0105         | 0.0776         | 0.0086         | -0.0034        | 0.0055         |
| 6/30/2007     | 0.0974                  | 0.0793       | 0.0903       | 0.0401       | 0.0452       | 0.0575       | 0.0001       | 0.0411        | 0.0077         | 0.0041         | 0.0018         | 0.0034         | 0.0009         |
| 6/30/2008     | 0.0908                  | 0.1092       | 0.0884       | 0.0762       | 0.0323       | 0.0201       | 0.0216       | 0.0259        | 0.0191         | 0.0243         | 0.0081         | 0.0022         | 0.0101         |
| 6/30/2009     | 0.0585                  | 0.0936       | 0.0513       | 0.0553       | 0.0356       | 0.0215       | 0.0257       | 0.0163        | 0.0190         | 0.0072         | 0.0048         | 0.0057         | 0.0035         |
| 6/30/2010     | 0.0968                  | 0.1046       | 0.0856       | 0.0657       | 0.0316       | 0.0507       | 0.0180       | 0.0112        | -0.0001        | 0.0118         | 0.0136         | 0.0069         |                |
| 6/30/2011     | 0.1035                  | 0.0781       | 0.0741       | 0.0594       | 0.0327       | 0.0072       | 0.0096       | 0.0032        | 0.0080         | 0.0031         | 0.0023         |                |                |
| 6/30/2012     | 0.0638                  | 0.0578       | 0.0678       | 0.0559       | 0.0370       | 0.0308       | 0.0234       | 0.0296        | 0.0201         | 0.0121         |                |                |                |
| 6/30/2013     | 0.0756                  | 0.1156       | 0.0995       | 0.0099       | 0.0168       | 0.0010       | 0.0245       | 0.0181        | 0.0049         |                |                |                |                |
| 6/30/2014     | 0.0685                  | 0.0577       | 0.0384       | 0.0204       | 0.0692       | 0.0103       | 0.0154       | 0.0051        |                |                |                |                |                |
| 6/30/2015     | 0.0745                  | 0.0798       | 0.0680       | 0.0614       | 0.0384       | 0.0123       | 0.0183       |               |                |                |                |                |                |
| 6/30/2016     | 0.0839                  | 0.1004       | 0.0849       | 0.0447       | 0.0158       | 0.0072       |              |               |                |                |                |                |                |
| 6/30/2017     | 0.0832                  | 0.0816       | 0.0685       | 0.0286       | 0.0430       |              |              |               |                |                |                |                |                |
| 6/30/2018     | 0.0890                  | 0.0860       | 0.0694       | 0.0531       |              |              |              |               |                |                |                |                |                |
| 6/30/2019     | 0.0677                  | 0.0766       | 0.0663       |              |              |              |              |               |                |                |                |                |                |
| 6/30/2020     | 0.0744                  | 0.0695       |              |              |              |              |              |               |                |                |                |                |                |
| 6/30/2021     | 0.0665                  |              |              |              |              |              |              |               |                |                |                |                |                |

|          |        |        |        |        |        |        |        |        |        |        |        |        |        |
|----------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Best 3/5 | 0.0751 | 0.0814 | 0.0686 | 0.0421 | 0.0327 | 0.0099 | 0.0190 | 0.0115 | 0.0106 | 0.0104 | 0.0051 | 0.0038 | 0.0042 |
|----------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|

Premises / Operations (Subline Code 334)  
 Owners, Landlords and Tenants  
 Full Coverage  
 Multistate  
 Fringe Coverage - Occurrence  
 Incurred Accident Year Basic Limits Loss Development Excluding ALAE

| \$100,000 Basic Limit Losses as of : |                  |                  |                  |                  |                  |                  |                  |                  |                   |                   |                   |
|--------------------------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-------------------|-------------------|-------------------|
| <u>A.Y.E.</u>                        | <u>15 Months</u> | <u>27 Months</u> | <u>39 Months</u> | <u>51 Months</u> | <u>63 Months</u> | <u>75 Months</u> | <u>87 Months</u> | <u>99 Months</u> | <u>111 Months</u> | <u>123 Months</u> | <u>135 Months</u> |
| 6/30/2003                            | 9,597,076        | 11,796,173       | 16,464,209       | 15,754,789       | 15,424,472       | 15,392,986       | 14,409,087       | 14,067,760       | 14,271,692        | 14,199,561        | 14,224,228        |
| 6/30/2004                            | 14,491,977       | 18,637,604       | 16,238,032       | 16,474,308       | 15,932,318       | 15,617,648       | 15,773,881       | 15,723,422       | 15,799,076        | 15,685,933        | 15,650,138        |
| 6/30/2005                            | 12,579,860       | 16,724,018       | 18,716,761       | 18,100,549       | 17,751,193       | 17,654,025       | 17,246,372       | 17,305,295       | 17,301,328        | 17,500,084        | 17,493,802        |
| 6/30/2006                            | 18,530,252       | 22,085,671       | 22,858,293       | 21,743,306       | 20,915,867       | 20,526,362       | 20,103,853       | 20,219,131       | 20,012,195        | 19,908,851        | 19,933,847        |
| 6/30/2007                            | 17,297,453       | 20,896,421       | 21,597,832       | 21,357,578       | 20,864,755       | 20,241,312       | 20,166,712       | 20,311,771       | 20,379,329        | 20,642,277        | 20,665,127        |
| 6/30/2008                            | 16,297,013       | 17,538,492       | 17,425,204       | 17,346,789       | 16,989,386       | 16,993,760       | 17,393,252       | 17,505,342       | 17,439,276        | 17,489,244        | 17,350,067        |
| 6/30/2009                            | 13,176,347       | 14,844,726       | 14,518,830       | 14,480,151       | 15,111,762       | 14,980,856       | 15,003,410       | 14,840,083       | 14,674,489        | 14,844,488        | 14,888,584        |
| 6/30/2010                            | 11,238,038       | 13,706,973       | 14,253,861       | 13,606,085       | 13,545,245       | 13,431,440       | 13,307,383       | 13,286,272       | 13,413,426        | 13,666,354        | 13,606,215        |
| 6/30/2011                            | 9,546,482        | 10,453,166       | 11,123,380       | 11,646,639       | 11,538,819       | 11,219,001       | 11,198,493       | 10,993,936       | 11,286,230        | 11,382,221        | 11,327,222        |
| 6/30/2012                            | 8,125,659        | 9,903,689        | 10,120,287       | 10,392,187       | 10,697,017       | 10,119,120       | 10,293,380       | 10,436,744       | 10,359,384        | 10,306,590        | 10,364,809        |
| 6/30/2013                            | 8,445,634        | 9,342,243        | 10,461,792       | 10,507,487       | 10,771,956       | 10,759,947       | 10,697,583       | 10,769,114       | 10,879,094        | 11,268,259        |                   |
| 6/30/2014                            | 7,299,592        | 10,129,938       | 13,027,033       | 13,588,079       | 13,991,459       | 14,412,467       | 14,349,678       | 14,692,403       | 14,919,895        |                   |                   |
| 6/30/2015                            | 8,448,164        | 10,693,624       | 13,543,212       | 15,624,493       | 16,532,341       | 16,642,554       | 17,220,422       | 17,799,570       |                   |                   |                   |
| 6/30/2016                            | 9,534,596        | 12,298,954       | 16,061,950       | 16,190,450       | 15,940,769       | 16,279,682       | 16,526,537       |                  |                   |                   |                   |
| 6/30/2017                            | 9,268,768        | 12,628,640       | 13,971,334       | 14,372,617       | 15,160,283       | 15,966,845       |                  |                  |                   |                   |                   |
| 6/30/2018                            | 10,749,730       | 13,798,660       | 14,955,891       | 16,142,549       | 17,097,818       |                  |                  |                  |                   |                   |                   |
| 6/30/2019                            | 8,223,094        | 10,477,698       | 12,901,861       | 15,216,036       |                  |                  |                  |                  |                   |                   |                   |
| 6/30/2020                            | 7,355,130        | 11,461,694       | 14,130,431       |                  |                  |                  |                  |                  |                   |                   |                   |
| 6/30/2021                            | 8,634,495        | 12,128,016       |                  |                  |                  |                  |                  |                  |                   |                   |                   |
| 6/30/2022                            | 10,930,425       |                  |                  |                  |                  |                  |                  |                  |                   |                   |                   |

  

| <u>A.Y.E.</u> | <u>147 Months</u> | <u>159 Months</u> | <u>171 Months</u> | <u>183 Months</u> | <u>195 Months</u> | <u>207 Months</u> | <u>219 Months</u> | <u>231 Months</u> | <u>243 Months</u> |
|---------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| 6/30/2003     | 14,174,488        | 14,139,389        | 14,143,686        | 14,138,686        | 14,063,684        | 14,063,684        | 14,063,684        | 14,063,719        | 14,018,719        |
| 6/30/2004     | 15,521,024        | 15,521,135        | 15,565,935        | 15,578,329        | 15,578,329        | 15,578,329        | 15,641,329        | 15,716,330        |                   |
| 6/30/2005     | 17,341,054        | 17,438,551        | 17,538,446        | 17,438,446        | 17,538,449        | 17,503,446        | 17,503,446        |                   |                   |
| 6/30/2006     | 20,142,597        | 20,004,097        | 20,004,097        | 20,004,597        | 20,003,597        | 20,003,597        |                   |                   |                   |
| 6/30/2007     | 20,614,957        | 20,575,853        | 20,684,449        | 20,709,603        | 20,753,353        |                   |                   |                   |                   |
| 6/30/2008     | 17,250,067        | 17,370,067        | 17,443,794        | 17,443,794        |                   |                   |                   |                   |                   |
| 6/30/2009     | 14,914,811        | 15,005,991        | 14,907,128        |                   |                   |                   |                   |                   |                   |
| 6/30/2010     | 13,697,714        | 13,651,249        |                   |                   |                   |                   |                   |                   |                   |
| 6/30/2011     | 11,327,246        |                   |                   |                   |                   |                   |                   |                   |                   |

Premises / Operations (Subline Code 334)  
 Owners, Landlords and Tenants  
 Full Coverage  
 Multistate  
 Fringe Coverage - Occurrence  
 Incurred Accident Year Basic Limits Loss Development Excluding ALAE

|           | Link Ratios  |              |              |              |              |              |              |               |                |                |                |
|-----------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|---------------|----------------|----------------|----------------|
| A.Y.E.    | <u>27:15</u> | <u>39:27</u> | <u>51:39</u> | <u>63:51</u> | <u>75:63</u> | <u>87:75</u> | <u>99:87</u> | <u>111:99</u> | <u>123:111</u> | <u>135:123</u> | <u>147:135</u> |
| 6/30/2003 | 1.229        | 1.396        | 0.957        | 0.979        | 0.998        | 0.936        | 0.976        | 1.014         | 0.995          | 1.002          | 0.997          |
| 6/30/2004 | 1.286        | 0.871        | 1.015        | 0.967        | 0.980        | 1.010        | 0.997        | 1.005         | 0.993          | 0.998          | 0.992          |
| 6/30/2005 | 1.329        | 1.119        | 0.967        | 0.981        | 0.995        | 0.977        | 1.003        | 1.000         | 1.011          | 1.000          | 0.991          |
| 6/30/2006 | 1.192        | 1.035        | 0.951        | 0.962        | 0.981        | 0.979        | 1.006        | 0.990         | 0.995          | 1.001          | 1.010          |
| 6/30/2007 | 1.208        | 1.034        | 0.989        | 0.977        | 0.970        | 0.996        | 1.007        | 1.003         | 1.013          | 1.001          | 0.998          |
| 6/30/2008 | 1.076        | 0.994        | 0.995        | 0.979        | 1.000        | 1.024        | 1.006        | 0.996         | 1.003          | 0.992          | 0.994          |
| 6/30/2009 | 1.127        | 0.978        | 0.997        | 1.044        | 0.991        | 1.002        | 0.989        | 0.989         | 1.012          | 1.003          | 1.002          |
| 6/30/2010 | 1.220        | 1.040        | 0.955        | 0.996        | 0.992        | 0.991        | 0.998        | 1.010         | 1.019          | 0.996          | 1.007          |
| 6/30/2011 | 1.095        | 1.064        | 1.047        | 0.991        | 0.972        | 0.998        | 0.982        | 1.027         | 1.009          | 0.995          | 1.000          |
| 6/30/2012 | 1.219        | 1.022        | 1.027        | 1.029        | 0.946        | 1.017        | 1.014        | 0.993         | 0.995          | 1.006          |                |
| 6/30/2013 | 1.106        | 1.120        | 1.004        | 1.025        | 0.999        | 0.994        | 1.007        | 1.010         | 1.036          |                |                |
| 6/30/2014 | 1.388        | 1.286        | 1.043        | 1.030        | 1.030        | 0.996        | 1.024        | 1.015         |                |                |                |
| 6/30/2015 | 1.266        | 1.266        | 1.154        | 1.058        | 1.007        | 1.035        | 1.034        |               |                |                |                |
| 6/30/2016 | 1.290        | 1.306        | 1.008        | 0.985        | 1.021        | 1.015        |              |               |                |                |                |
| 6/30/2017 | 1.362        | 1.106        | 1.029        | 1.055        | 1.053        |              |              |               |                |                |                |
| 6/30/2018 | 1.284        | 1.084        | 1.079        | 1.059        |              |              |              |               |                |                |                |
| 6/30/2019 | 1.274        | 1.231        | 1.179        |              |              |              |              |               |                |                |                |
| 6/30/2020 | 1.558        | 1.233        |              |              |              |              |              |               |                |                |                |
| 6/30/2021 | 1.405        |              |              |              |              |              |              |               |                |                |                |

|           |       |       |       |       |       |       |       |       |       |       |       |
|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 3 Yr Mean | 1.412 | 1.183 | 1.096 | 1.033 | 1.027 | 1.015 | 1.022 | 1.006 | 1.013 | 0.999 | 1.003 |
| Best 3/5  | 1.350 | 1.190 | 1.087 | 1.048 | 1.019 | 1.009 | 1.015 | 1.012 | 1.013 | 0.998 | 1.000 |

| A.Y.E.    | <u>159:147</u> | <u>171:159</u> | <u>183:171</u> | <u>195:183</u> | <u>207:195</u> | <u>219:207</u> | <u>231:219</u> | <u>243:231</u> |  |  |  |
|-----------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|--|--|--|
| 6/30/2003 | 0.998          | 1.000          | 1.000          | 0.995          | 1.000          | 1.000          | 1.000          | 0.997          |  |  |  |
| 6/30/2004 | 1.000          | 1.003          | 1.001          | 1.000          | 1.000          | 1.004          | 1.005          | <b>1.000</b>   |  |  |  |
| 6/30/2005 | 1.006          | 1.006          | 0.994          | 1.006          | 0.998          | 1.000          | <b>1.000</b>   | <b>1.000</b>   |  |  |  |
| 6/30/2006 | 0.993          | 1.000          | 1.000          | 1.000          | 1.000          | <b>1.000</b>   | <b>1.000</b>   | <b>1.000</b>   |  |  |  |
| 6/30/2007 | 0.998          | 1.005          | 1.001          | 1.002          | <b>1.001</b>   | <b>1.000</b>   | <b>1.000</b>   | <b>1.000</b>   |  |  |  |
| 6/30/2008 | 1.007          | 1.004          | 1.000          |                |                |                |                |                |  |  |  |
| 6/30/2009 | 1.006          | 0.993          |                |                |                |                |                |                |  |  |  |
| 6/30/2010 | 0.997          |                |                |                |                |                |                |                |  |  |  |
| 3 Yr Mean | 1.003          | 1.001          | 1.000          | 1.003          | 0.999          | 1.001          | 1.003          | 0.997          |  |  |  |
| Best 3/5  | 1.000          | 1.003          | 1.000          | 1.001          | <b>1.000</b>   | <b>1.000</b>   | <b>1.000</b>   | <b>1.000</b>   |  |  |  |

|           | Development From |                |                |                |                |                |                |                |                |                |                |
|-----------|------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| A.Y.E.    | <u>15/ 27</u>    | <u>27/ 39</u>  | <u>39/ 51</u>  | <u>51/ 63</u>  | <u>63/ 75</u>  | <u>75/ 87</u>  | <u>87/ 99</u>  | <u>99/111</u>  | <u>111/123</u> | <u>123/135</u> | <u>135/147</u> |
| 6/30/2018 |                  |                |                |                | 1.019          | 1.009          | 1.015          | 1.012          | 1.013          | 0.998          | 1.000          |
| 6/30/2019 |                  |                |                | 1.048          | 1.019          | 1.009          | 1.015          | 1.012          | 1.013          | 0.998          | 1.000          |
| 6/30/2020 |                  |                | 1.087          | 1.048          | 1.019          | 1.009          | 1.015          | 1.012          | 1.013          | 0.998          | 1.000          |
| 6/30/2021 |                  | 1.190          | 1.087          | 1.048          | 1.019          | 1.009          | 1.015          | 1.012          | 1.013          | 0.998          | 1.000          |
| 6/30/2022 | 1.350            | 1.190          | 1.087          | 1.048          | 1.019          | 1.009          | 1.015          | 1.012          | 1.013          | 0.998          | 1.000          |
| A.Y.E     | <u>147/159</u>   | <u>159/171</u> | <u>171/183</u> | <u>183/195</u> | <u>195/207</u> | <u>207/219</u> | <u>219/231</u> | <u>231/243</u> | <u>243/261</u> | <b>FACTORS</b> |                |
| 6/30/2018 | 1.000            | 1.003          | 1.000          | 1.001          | 1.000          | 1.000          | 1.000          | 1.000          | <b>1.000</b>   | 1.072          |                |
| 6/30/2019 | 1.000            | 1.003          | 1.000          | 1.001          | 1.000          | 1.000          | 1.000          | 1.000          | <b>1.000</b>   | 1.123          |                |
| 6/30/2020 | 1.000            | 1.003          | 1.000          | 1.001          | 1.000          | 1.000          | 1.000          | 1.000          | <b>1.000</b>   | 1.221          |                |
| 6/30/2021 | 1.000            | 1.003          | 1.000          | 1.001          | 1.000          | 1.000          | 1.000          | 1.000          | <b>1.000</b>   | 1.453          |                |
| 6/30/2022 | 1.000            | 1.003          | 1.000          | 1.001          | 1.000          | 1.000          | 1.000          | 1.000          | <b>1.000</b>   | 1.962          |                |

**Bold - Calculated Using Modified Bondy Method**

*Italics - Three year mean Excludes Modified Bondy ratios*

Premises / Operations (Subline Code 334)  
 Owners, Landlords and Tenants  
 Full Coverage  
 Multistate  
 Fringe Coverage - Occurrence  
 Incurred Accident Year ALAE Development

| <u>A.Y.E.</u> | <u>15 Months</u>  | <u>27 Months</u>  | <u>39 Months</u>  | <u>51 Months</u>  | <u>63 Months</u>  | <u>75 Months</u>  | <u>87 Months</u>  | <u>99 Months</u>  | <u>111 Months</u> | <u>123 Months</u> | <u>135 Months</u> |
|---------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| 6/30/2003     | 1,839,786         | 4,093,299         | 8,523,402         | 12,109,904        | 13,694,491        | 15,119,882        | 21,813,784        | 23,460,829        | 26,783,769        | 27,679,469        | 27,847,267        |
| 6/30/2004     | 2,340,091         | 5,462,717         | 9,015,994         | 11,515,386        | 13,893,862        | 14,364,005        | 14,998,387        | 15,483,191        | 15,687,561        | 16,083,381        | 16,126,279        |
| 6/30/2005     | 1,406,644         | 6,007,121         | 10,143,995        | 13,103,808        | 14,462,495        | 16,015,733        | 16,358,045        | 16,405,446        | 17,087,272        | 17,899,199        | 18,504,304        |
| 6/30/2006     | 1,772,774         | 6,174,401         | 9,909,381         | 12,574,015        | 13,629,633        | 14,301,525        | 14,854,198        | 15,166,561        | 15,371,661        | 17,978,343        | 18,080,329        |
| 6/30/2007     | 2,033,643         | 5,504,415         | 13,663,549        | 17,066,750        | 18,343,217        | 18,697,840        | 15,647,157        | 18,100,004        | 18,132,184        | 18,198,371        | 18,251,794        |
| 6/30/2008     | 1,892,703         | 6,059,447         | 11,442,556        | 13,761,721        | 14,054,071        | 14,428,936        | 15,125,681        | 15,777,161        | 15,998,060        | 16,130,299        | 16,382,883        |
| 6/30/2009     | 2,611,334         | 7,190,929         | 9,970,538         | 13,474,426        | 16,819,723        | 17,303,577        | 18,001,771        | 18,543,289        | 18,955,000        | 19,273,358        | 14,927,904        |
| 6/30/2010     | 2,500,735         | 8,652,090         | 14,542,087        | 16,675,552        | 19,083,549        | 22,069,115        | 22,641,449        | 24,710,019        | 25,060,536        | 25,427,811        | 31,525,425        |
| 6/30/2011     | 4,277,208         | 11,005,022        | 17,146,695        | 20,316,623        | 23,172,493        | 25,605,493        | 27,278,196        | 27,753,927        | 28,076,071        | 29,016,685        | 30,244,660        |
| 6/30/2012     | 2,773,360         | 7,234,331         | 10,085,146        | 12,841,914        | 13,680,777        | 16,924,976        | 18,844,078        | 19,926,737        | 20,572,622        | 20,584,891        | 20,730,482        |
| 6/30/2013     | 2,212,878         | 6,914,578         | 9,984,658         | 14,561,964        | 18,739,701        | 19,300,797        | 19,907,604        | 20,060,002        | 20,854,922        | 21,141,094        |                   |
| 6/30/2014     | 2,824,981         | 9,110,374         | 15,263,025        | 17,083,921        | 22,640,642        | 27,975,635        | 30,445,778        | 32,397,440        | 32,195,745        |                   |                   |
| 6/30/2015     | 4,239,717         | 8,637,314         | 14,908,171        | 21,873,760        | 25,235,855        | 28,634,410        | 28,735,356        | 29,894,846        |                   |                   |                   |
| 6/30/2016     | 4,142,769         | 10,100,026        | 14,130,416        | 15,629,164        | 17,174,120        | 18,293,310        | 18,721,950        |                   |                   |                   |                   |
| 6/30/2017     | 2,698,234         | 7,940,372         | 11,476,328        | 15,435,416        | 17,886,407        | 18,815,131        |                   |                   |                   |                   |                   |
| 6/30/2018     | 4,749,031         | 13,913,553        | 18,496,855        | 20,886,228        | 23,538,653        |                   |                   |                   |                   |                   |                   |
| 6/30/2019     | 2,684,590         | 5,885,448         | 9,397,756         | 12,926,902        |                   |                   |                   |                   |                   |                   |                   |
| 6/30/2020     | 2,781,278         | 5,791,350         | 9,794,031         |                   |                   |                   |                   |                   |                   |                   |                   |
| 6/30/2021     | 2,010,555         | 13,333,591        |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| 6/30/2022     | 3,196,588         |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| <u>A.Y.E.</u> | <u>147 Months</u> | <u>159 Months</u> | <u>171 Months</u> | <u>183 Months</u> | <u>195 Months</u> | <u>207 Months</u> | <u>219 Months</u> | <u>231 Months</u> | <u>243 Months</u> |                   |                   |
| 6/30/2003     | 28,207,169        | 28,278,246        | 28,296,759        | 27,964,930        | 27,904,095        | 27,893,509        | 27,893,509        | 27,896,829        | 27,885,869        |                   |                   |
| 6/30/2004     | 16,225,458        | 16,388,549        | 16,404,101        | 16,450,945        | 16,486,814        | 16,490,126        | 16,492,329        | 16,520,725        |                   |                   |                   |
| 6/30/2005     | 19,047,676        | 20,420,898        | 20,738,522        | 21,148,619        | 21,283,037        | 21,286,943        | 21,286,943        |                   |                   |                   |                   |
| 6/30/2006     | 18,332,637        | 18,420,943        | 18,351,447        | 18,361,771        | 18,361,825        | 18,361,825        |                   |                   |                   |                   |                   |
| 6/30/2007     | 18,298,073        | 18,393,109        | 18,138,269        | 18,148,115        | 18,240,989        |                   |                   |                   |                   |                   |                   |
| 6/30/2008     | 16,425,883        | 16,425,881        | 16,375,390        | 16,375,390        |                   |                   |                   |                   |                   |                   |                   |
| 6/30/2009     | 14,901,685        | 15,387,800        | 16,929,376        |                   |                   |                   |                   |                   |                   |                   |                   |
| 6/30/2010     | 31,547,535        | 31,616,948        |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| 6/30/2011     | 30,344,599        |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |



Premises / Operations (Subline Code 334)  
 Owners, Landlords and Tenants  
 Full Coverage  
 Multistate  
 Fringe Coverage - Occurrence  
 Incurred Accident Year Incremental ALAE Development

|           | Increments   |              |              |              |              |              |              |               |                |                |                |                |                |
|-----------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|---------------|----------------|----------------|----------------|----------------|----------------|
| A.Y.E.    | <u>27:15</u> | <u>39:27</u> | <u>51:39</u> | <u>63:51</u> | <u>75:63</u> | <u>87:75</u> | <u>99:87</u> | <u>111:99</u> | <u>123:111</u> | <u>135:123</u> | <u>147:135</u> | <u>159:147</u> | <u>171:159</u> |
| 6/30/2003 | 2,253,513    | 4,430,103    | 3,586,502    | 1,584,587    | 1,425,391    | 6,693,902    | 1,647,045    | 3,322,940     | 895,700        | 167,798        | 359,902        | 71,077         | 18,513         |
| 6/30/2004 | 3,122,626    | 3,553,277    | 2,499,392    | 2,378,476    | 470,143      | 634,382      | 484,804      | 204,370       | 395,820        | 42,898         | 99,179         | 163,091        | 15,552         |
| 6/30/2005 | 4,600,477    | 4,136,874    | 2,959,813    | 1,358,687    | 1,553,238    | 342,312      | 47,401       | 681,826       | 811,927        | 605,105        | 543,372        | 1,373,222      | 317,624        |
| 6/30/2006 | 4,401,627    | 3,734,980    | 2,664,634    | 1,055,618    | 671,892      | 552,673      | 312,363      | 205,100       | 2,606,682      | 101,986        | 252,308        | 88,306         | -69,496        |
| 6/30/2007 | 3,470,772    | 8,159,134    | 3,403,201    | 1,276,467    | 354,623      | -3,050,683   | 2,452,847    | 32,180        | 66,187         | 53,423         | 46,279         | 95,036         | -254,840       |
| 6/30/2008 | 4,166,744    | 5,383,109    | 2,319,165    | 292,350      | 374,865      | 696,745      | 651,480      | 220,899       | 132,239        | 252,584        | 43,000         | -2             | -50,491        |
| 6/30/2009 | 4,579,595    | 2,779,609    | 3,503,888    | 3,345,297    | 483,854      | 698,194      | 541,518      | 411,711       | 318,358        | -4,345,454     | -26,219        | 486,115        | 1,541,576      |
| 6/30/2010 | 6,151,355    | 5,889,997    | 2,133,465    | 2,407,997    | 2,985,566    | 572,334      | 2,068,570    | 350,517       | 367,275        | 6,097,614      | 22,110         | 69,413         |                |
| 6/30/2011 | 6,727,814    | 6,141,673    | 3,169,928    | 2,855,870    | 2,433,000    | 1,672,703    | 475,731      | 322,144       | 940,614        | 1,227,975      | 99,939         |                |                |
| 6/30/2012 | 4,460,971    | 2,850,815    | 2,756,768    | 838,863      | 3,244,199    | 1,919,102    | 1,082,659    | 645,885       | 12,269         | 145,591        |                |                |                |
| 6/30/2013 | 4,701,700    | 3,070,080    | 4,577,306    | 4,177,737    | 561,096      | 606,807      | 152,398      | 794,920       | 286,172        |                |                |                |                |
| 6/30/2014 | 6,285,393    | 6,152,651    | 1,820,896    | 5,556,721    | 5,334,993    | 2,470,143    | 1,951,662    | -201,695      |                |                |                |                |                |
| 6/30/2015 | 4,397,597    | 6,270,857    | 6,965,589    | 3,362,095    | 3,398,555    | 100,946      | 1,159,490    |               |                |                |                |                |                |
| 6/30/2016 | 5,957,257    | 4,030,390    | 1,498,748    | 1,544,956    | 1,119,190    | 428,640      |              |               |                |                |                |                |                |
| 6/30/2017 | 5,242,138    | 3,535,956    | 3,959,088    | 2,450,991    | 928,724      |              |              |               |                |                |                |                |                |
| 6/30/2018 | 9,164,522    | 4,583,302    | 2,389,373    | 2,652,425    |              |              |              |               |                |                |                |                |                |
| 6/30/2019 | 3,200,858    | 3,512,308    | 3,529,146    |              |              |              |              |               |                |                |                |                |                |
| 6/30/2020 | 3,010,072    | 4,002,681    |              |              |              |              |              |               |                |                |                |                |                |
| 6/30/2021 | 11,323,036   |              |              |              |              |              |              |               |                |                |                |                |                |

|           | Incremental Percentages |        |        |        |        |         |        |         |         |         |         |         |         |
|-----------|-------------------------|--------|--------|--------|--------|---------|--------|---------|---------|---------|---------|---------|---------|
| A.Y.E.    | 27:15                   | 39:27  | 51:39  | 63:51  | 75:63  | 87:75   | 99:87  | 111:99  | 123:111 | 135:123 | 147:135 | 159:147 | 171:159 |
| 6/30/2003 | 0.0999                  | 0.1964 | 0.1590 | 0.0702 | 0.0632 | 0.2967  | 0.0730 | 0.1473  | 0.0397  | 0.0074  | 0.0160  | 0.0032  | 0.0008  |
| 6/30/2004 | 0.1370                  | 0.1559 | 0.1097 | 0.1044 | 0.0206 | 0.0278  | 0.0213 | 0.0090  | 0.0174  | 0.0019  | 0.0044  | 0.0072  | 0.0007  |
| 6/30/2005 | 0.1552                  | 0.1396 | 0.0999 | 0.0459 | 0.0524 | 0.0116  | 0.0016 | 0.0230  | 0.0274  | 0.0204  | 0.0183  | 0.0463  | 0.0107  |
| 6/30/2006 | 0.1618                  | 0.1373 | 0.0979 | 0.0388 | 0.0247 | 0.0203  | 0.0115 | 0.0075  | 0.0958  | 0.0037  | 0.0093  | 0.0032  | -0.0026 |
| 6/30/2007 | 0.1162                  | 0.2730 | 0.1139 | 0.0427 | 0.0119 | -0.1021 | 0.0821 | 0.0011  | 0.0022  | 0.0018  | 0.0015  | 0.0032  | -0.0085 |
| 6/30/2008 | 0.1693                  | 0.2188 | 0.0943 | 0.0119 | 0.0152 | 0.0283  | 0.0265 | 0.0090  | 0.0054  | 0.0103  | 0.0017  | 0.0000  | -0.0021 |
| 6/30/2009 | 0.2077                  | 0.1261 | 0.1589 | 0.1517 | 0.0219 | 0.0317  | 0.0246 | 0.0187  | 0.0144  | -0.1971 | -0.0012 | 0.0221  | 0.0699  |
| 6/30/2010 | 0.2544                  | 0.2436 | 0.0882 | 0.0996 | 0.1235 | 0.0237  | 0.0855 | 0.0145  | 0.0152  | 0.2522  | 0.0009  | 0.0029  |         |
| 6/30/2011 | 0.3437                  | 0.3137 | 0.1619 | 0.1459 | 0.1243 | 0.0854  | 0.0243 | 0.0165  | 0.0480  | 0.0627  | 0.0051  |         |         |
| 6/30/2012 | 0.2672                  | 0.1707 | 0.1651 | 0.0502 | 0.1943 | 0.1149  | 0.0648 | 0.0387  | 0.0007  | 0.0087  |         |         |         |
| 6/30/2013 | 0.2419                  | 0.1580 | 0.2355 | 0.2150 | 0.0289 | 0.0312  | 0.0078 | 0.0409  | 0.0147  |         |         |         |         |
| 6/30/2014 | 0.2462                  | 0.2410 | 0.0713 | 0.2177 | 0.2090 | 0.0968  | 0.0765 | -0.0079 |         |         |         |         |         |
| 6/30/2015 | 0.1443                  | 0.2057 | 0.2285 | 0.1103 | 0.1115 | 0.0033  | 0.0380 |         |         |         |         |         |         |
| 6/30/2016 | 0.2088                  | 0.1413 | 0.0525 | 0.0542 | 0.0392 | 0.0150  |        |         |         |         |         |         |         |
| 6/30/2017 | 0.1770                  | 0.1194 | 0.1336 | 0.0827 | 0.0314 |         |        |         |         |         |         |         |         |
| 6/30/2018 | 0.2777                  | 0.1389 | 0.0724 | 0.0804 |        |         |        |         |         |         |         |         |         |
| 6/30/2019 | 0.1044                  | 0.1145 | 0.1151 |        |        |         |        |         |         |         |         |         |         |
| 6/30/2020 | 0.0980                  | 0.1303 |        |        |        |         |        |         |         |         |         |         |         |
| 6/30/2021 | 0.3441                  |        |        |        |        |         |        |         |         |         |         |         |         |
| Best 3/5  | 0.1864                  | 0.1295 | 0.1070 | 0.0911 | 0.0607 | 0.0477  | 0.0424 | 0.0232  | 0.0148  | 0.0272  | 0.0014  | 0.0031  | 0.0020  |

Multistate Review of ULAE Experience  
General Liability Including CMP Liability  
Loss Adjustment Expense Special Call  
Calendar Years 2017 - 2021

| <u>Item *</u>  | <u>2017</u>                 | <u>2018</u>  | <u>2019</u>  | <u>2020</u>  | <u>2021</u>  | <u>2017 - 2021<br/>Mean</u> |
|--|-----------------------------|--------------|--------------|--------------|--------------|-----------------------------|
| 1. Direct Losses Incurred                                  | \$22,437,023                | \$26,433,273 | \$28,408,503 | \$31,348,554 | \$33,436,324 |                             |
| 2. Allocated Loss Adjustment<br>Expenses Incurred (ALAE)   | \$5,821,971                 | \$5,763,209  | \$5,748,713  | \$6,894,736  | \$6,089,871  |                             |
| 3. Unallocated Loss Adjustment<br>Expenses Incurred (ULAE) | \$2,275,795                 | \$2,265,882  | \$2,762,736  | \$2,488,525  | \$2,974,027  |                             |
| 4. Incurred Losses + ALAE<br>[(1) + (2)]                   | \$28,258,994                | \$32,196,482 | \$34,157,216 | \$38,243,290 | \$39,526,195 |                             |
|  | <u>Incurring Percentage</u> |              |              |              |              |                             |
| 5. Ratio of ULAE to<br>(Losses + ALAE)<br>[(3)/(4)]        | 8.1%                        | 7.0%         | 8.1%         | 6.5%         | 7.5%         | 7.4%                        |
| 6. Selected  | 7.5%                        |              |              |              |              |                             |

Notes: All dollar amounts are displayed in thousands.

\* Items (1) - (4) are from the special call submissions for available writers.

PREMISES / OPERATIONS  
TREND SUMMARY  
AVERAGE ANNUAL PERCENT CHANGES

| (1) | <u>EXPOSURE TREND</u>                 | <u>MANUFACTURERS</u> | <u>CONTRACTORS</u> | <u>OL&amp;T CLASS<br/>GROUPS 1-13 *</u> | <u>OL&amp;T CLASS<br/>GROUP 16</u> | <u>PREMISES/<br/>OPERATIONS</u> |
|-----|---------------------------------------|----------------------|--------------------|---|------------------------------------|---------------------------------|
|     | a) 1/1/2020 to 1/1/2025 AYE 6/30/2020 | + 4.3%               | + 4.3%             | + 3.0%                                  | + 4.9%                             | + 2.4%                          |
|     | b) 1/1/2021 to 1/1/2025 AYE 6/30/2021 | + 5.0%               | + 4.6%             | + 3.0%                                  | + 5.2%                             | + 2.5%                          |
|     | c) 1/1/2022 to 1/1/2025 AYE 6/30/2022 | + 3.3%               | + 4.3%             | + 3.0%                                  | + 4.1%                             | + 2.2%                          |

| MANUFACTURERS & CONTRACTORS |                            |                      |                        | OWNERS, LANDLORDS & TENANTS |                      |                        |               |
|-----------------------------|----------------------------|----------------------|------------------------|-----------------------------|----------------------|------------------------|---------------|
| (2)                         | <u>OCCURRENCE SEVERITY</u> | <u>Bodily Injury</u> | <u>Property Damage</u> | <u>Fringe</u>               | <u>Bodily Injury</u> | <u>Property Damage</u> | <u>Fringe</u> |
|                             | a) Fitted                  |                      |                        |                             |                      |                        |               |
|                             | All Years (20 Points)      | + 5.7%               | + 4.3%                 | - 2.7%                      | + 6.7%               | + 6.9%                 | + 2.9%        |
|                             | Eight Year (16 Points)     | + 6.0%               | + 3.8%                 | - 1.7%                      | + 7.6%               | + 7.2%                 | + 6.4%        |
|                             | Six Year (12 Points)       | + 6.8%               | + 4.7%                 | - 1.8%                      | + 9.7%               | + 7.8%                 | + 8.5%        |
|                             | b) Selected                | + 6.5%               | + 4.5%                 | 0.0%                        | + 8.0%               | + 8.0%                 | + 2.5%        |

| (3) | <u>FREQUENCY TREND</u> | <u>M&amp;C</u> | <u>OL&amp;T</u> |
|-----|------------------------|----------------|-----------------|
|     | Selected               | - 0.5%         | - 0.5%          |

| (4) | <u>TOTAL ANNUAL NET TREND</u> | + 0.7% | + 6.3% |
|-----|-------------------------------|--------|--------|
|-----|-------------------------------|--------|--------|

Net trend = (frequency trend x severity trend) / exposure trend

Note: The medical payments trend is equal to the bodily injury trend. The bodily injury deductible trend is equal to the bodily injury trend and the property damage deductible trend is equal to the property damage trend.

\* The OL&T trend for class groups 1-13 is applied only to those classes which have inflation sensitive exposure bases.

MANUFACTURERS AND CONTRACTORS  
AVERAGE ANNUAL EXPOSURE TRENDS  
FOR ACCIDENT YEARS ENDING 6/30/2020, 6/30/2021 & 6/30/2022

| (1)                                |   | (2)            |  | (3)              |                      | (1)         |    | (2)            |                    | (3)              |  |  |
|------------------------------------|---|----------------|--|------------------|----------------------|-------------|----|----------------|--------------------|------------------|--|--|
| YEAR ENDING                        |   | MANUFACTURERS  |  | CONTRACTORS      |                      | YEAR ENDING |    | MANUFACTURERS  |                    | CONTRACTORS      |  |  |
| QUARTER *                          |   | CLASS GROUP    |  | CLASS GROUP      |                      | QUARTER *   |    | CLASS GROUP    |                    | CLASS GROUP      |  |  |
|                                    |   | SALES EXPOSURE |  | PAYROLL EXPOSURE |                      |             |    | SALES EXPOSURE |                    | PAYROLL EXPOSURE |  |  |
|                                    |   | <u>INDICES</u> |  | <u>INDICES</u>   |                      |             |    | <u>INDICES</u> |                    | <u>INDICES</u>   |  |  |
| 2012                               | 1 | 0.987          |  | 23.715           |                      | 2019        | 1  | 1.058          |                    | 27.941           |  |  |
|                                    | 2 | 0.990          |  | 23.794           |                      |             | 2  | 1.062          |                    | 28.172           |  |  |
|                                    | 3 | 0.995          |  | 23.873           |                      |             | 3  | 1.064          |                    | 28.344           |  |  |
|                                    | 4 | 1.000          |  | 23.965           |                      |             | 4  | 1.066          |                    | 28.498           |  |  |
| 2013                               | 1 | 1.004          |  | 24.062           |                      | 2020        | 1  | 1.067          |                    | 28.710           |  |  |
|                                    | 2 | 1.007          |  | 24.140           |                      |             | 2  | 1.061          |                    | 28.838           |  |  |
|                                    | 3 | 1.008          |  | 24.167           |                      |             | 3  | 1.059          |                    | 29.018           |  |  |
|                                    | 4 | 1.010          |  | 24.208           |                      |             | 4  | 1.059          |                    | 29.201           |  |  |
| 2014                               | 1 | 1.012          |  | 24.299           |                      | 2021        | 1  | 1.063          |                    | 29.378           |  |  |
|                                    | 2 | 1.016          |  | 24.405           |                      |             | 2  | 1.078          |                    | 29.714           |  |  |
|                                    | 3 | 1.019          |  | 24.538           |                      |             | 3  | 1.098          |                    | 30.066           |  |  |
|                                    | 4 | 1.022          |  | 24.663           |                      |             | 4  | 1.122          |                    | 30.458           |  |  |
| 2015                               | 1 | 1.023          |  | 24.759           |                      | 2022        | 1  | 1.154          |                    | 30.903           |  |  |
|                                    | 2 | 1.026          |  | 24.909           |                      |             | 2  | 1.190          |                    | 31.344           |  |  |
|                                    | 3 | 1.027          |  | 25.013           |                      |             | 3  | 1.221          |                    | 31.818           |  |  |
|                                    | 4 | 1.029          |  | 25.172           |                      |             | 4  | 1.247          |                    | 32.313           |  |  |
| 2016                               | 1 | 1.030          |  | 25.313           |                      | 2023        | 1P | 1.262          |                    | 32.799           |  |  |
|                                    | 2 | 1.030          |  | 25.480           |                      |             | 2P | 1.268          |                    | 33.235           |  |  |
|                                    | 3 | 1.029          |  | 25.731           |                      |             | 3P | 1.274          |                    | 33.623           |  |  |
|                                    | 4 | 1.030          |  | 25.938           |                      |             | 4P | 1.278          |                    | 33.960           |  |  |
| 2017                               | 1 | 1.032          |  | 26.160           |                      | 2024        | 1P | 1.285          |                    | 34.237           |  |  |
|                                    | 2 | 1.034          |  | 26.322           |                      |             | 2P | 1.292          |                    | 34.512           |  |  |
|                                    | 3 | 1.037          |  | 26.517           |                      |             | 3P | 1.298          |                    | 34.778           |  |  |
|                                    | 4 | 1.040          |  | 26.704           |                      |             | 4P | 1.302          |                    | 35.035           |  |  |
| 2018                               | 1 | 1.042          |  | 26.948           |                      | 2025        | 1P | 1.307          |                    | 35.286           |  |  |
|                                    | 2 | 1.047          |  | 27.197           |                      |             | 2P | 1.311          |                    | 35.535           |  |  |
|                                    | 3 | 1.051          |  | 27.432           |                      |             | 3P | 1.316          |                    | 35.785           |  |  |
|                                    | 4 | 1.054          |  | 27.717           |                      |             | 4P | 1.321          |                    | 36.034           |  |  |
| <u>CHANGE IN EXPOSURES</u>         |   |                |  |                  | <u>MANUFACTURERS</u> |             |    |                | <u>CONTRACTORS</u> |                  |  |  |
| 1/1/2020 to 1/1/2025               |   |                |  | (2025:2/2020:2)  | 1.235                |             |    |                | 1.232              |                  |  |  |
| 1/1/2021 to 1/1/2025               |   |                |  | (2025:2/2021:2)  | 1.216                |             |    |                | 1.196              |                  |  |  |
| 1/1/2022 to 1/1/2025               |   |                |  | (2025:2/2022:2)  | 1.101                |             |    |                | 1.134              |                  |  |  |
| <u>AVERAGE ANNUAL TREND FACTOR</u> |   |                |  |                  |                      |             |    |                |                    |                  |  |  |
| 1/1/2020 to 1/1/2025               |   |                |  | (5.0 YEARS)      | 1.043                |             |    |                | 1.043              |                  |  |  |
| 1/1/2021 to 1/1/2025               |   |                |  | (4.0 YEARS)      | 1.050                |             |    |                | 1.046              |                  |  |  |
| 1/1/2022 to 1/1/2025               |   |                |  | (3.0 YEARS)      | 1.033                |             |    |                | 1.043              |                  |  |  |

\* Projected values are identified by a 'P' in column (1).

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PREMISES / OPERATIONS  
OWNERS, LANDLORDS AND TENANTS  
AVERAGE ANNUAL EXPOSURE TRENDS <sup>1</sup>

| <u>TYPE OF CLASS</u> | <u>VOLUME</u> <sup>2</sup> | <u>INFLATION TREND</u> <sup>3</sup> |
|----------------------|----------------------------|-------------------------------------|
| FURNITURE            | 10.9%                      | + 2.8%                              |
| OTHER DURABLES       | 7.1%                       | + 0.4%                              |
| CLOTHING             | 10.3%                      | + 0.7%                              |
| FOOD                 | 40.8%                      | + 4.4%                              |
| OTHER NON-DURABLES   | 27.5%                      | + 2.5%                              |
| RECREATION SERVICES  | 3.4%                       | + 3.4%                              |
| TOTAL                | 100.0%                     | + 3.0% <sup>4</sup>                 |

1 These figures were derived from data supplied by Moody's Analytics. Neither Moody's Analytics nor any of its third party licensors makes any warranties, expressed or implied, as to the results obtained using their data and forecasts.

2 Volume weights are based on each type of class's inflation-adjusted contribution to GDP in year ending 6/30/2022. Inflation adjusted GDP is measured in terms of 2012 prices.

3 Inflation trends are based on average annual growth rates in consumption components starting 2019 to 2025.

4 This OL&T exposure trend is applied only to those classes in class groups 1-13 which have inflation-sensitive exposure bases.

OWNERS, LANDLORDS AND TENANTS  
CLASS GROUPS 1-13  
AVERAGE ANNUAL EXPOSURE TREND  
PRICE DEFLATOR - PERSONAL CONSUMPTION EXPENDITURE COMPONENTS

| YEAR<br>ENDING<br>QUARTER |   | FURNITURE | OTHER<br>DURABLE<br>GOODS | CLOTHING<br>AND<br>SHOES | FOOD<br>AND<br>BEVERAGES | OTHER<br>NONDURABLE<br>GOODS | RECREATION<br>SERVICES | YEAR<br>ENDING<br>QUARTER |    | FURNITURE | OTHER<br>DURABLE<br>GOODS | CLOTHING<br>AND<br>SHOES | FOOD<br>AND<br>BEVERAGES | OTHER<br>NONDURABLE<br>GOODS | RECREATION<br>SERVICES |
|---------------------------|---|-----------|---------------------------|--------------------------|--------------------------|------------------------------|------------------------|---------------------------|----|-----------|---------------------------|--------------------------|--------------------------|------------------------------|------------------------|
| 2012                      | 1 | 1.001     | 1.011                     | 0.976                    | 0.984                    | 0.990                        | 0.980                  | 2019                      | 1  | 0.868     | 0.862                     | 0.990                    | 1.095                    | 1.056                        | 1.136                  |
|                           | 2 | 1.001     | 1.009                     | 0.988                    | 0.991                    | 0.993                        | 0.986                  |                           | 2  | 0.869     | 0.858                     | 0.984                    | 1.100                    | 1.056                        | 1.142                  |
|                           | 3 | 1.000     | 1.005                     | 0.994                    | 0.996                    | 0.997                        | 0.993                  |                           | 3  | 0.872     | 0.853                     | 0.984                    | 1.105                    | 1.057                        | 1.147                  |
|                           | 4 | 1.000     | 1.000                     | 1.000                    | 1.000                    | 1.000                        | 1.000                  |                           | 4  | 0.872     | 0.852                     | 0.979                    | 1.110                    | 1.060                        | 1.153                  |
| 2013                      | 1 | 0.998     | 0.994                     | 1.005                    | 1.004                    | 1.001                        | 1.005                  | 2020                      | 1  | 0.870     | 0.850                     | 0.975                    | 1.113                    | 1.064                        | 1.160                  |
|                           | 2 | 0.994     | 0.989                     | 1.006                    | 1.008                    | 1.001                        | 1.009                  |                           | 2  | 0.869     | 0.844                     | 0.960                    | 1.117                    | 1.067                        | 1.165                  |
|                           | 3 | 0.988     | 0.985                     | 1.009                    | 1.012                    | 1.001                        | 1.013                  |                           | 3  | 0.872     | 0.837                     | 0.943                    | 1.124                    | 1.071                        | 1.172                  |
|                           | 4 | 0.981     | 0.979                     | 1.010                    | 1.015                    | 1.002                        | 1.017                  |                           | 4  | 0.878     | 0.828                     | 0.929                    | 1.131                    | 1.071                        | 1.178                  |
| 2014                      | 1 | 0.972     | 0.970                     | 1.010                    | 1.018                    | 1.004                        | 1.022                  | 2021                      | 1  | 0.884     | 0.824                     | 0.921                    | 1.139                    | 1.071                        | 1.183                  |
|                           | 2 | 0.962     | 0.959                     | 1.012                    | 1.024                    | 1.006                        | 1.028                  |                           | 2  | 0.896     | 0.827                     | 0.930                    | 1.150                    | 1.072                        | 1.191                  |
|                           | 3 | 0.954     | 0.950                     | 1.013                    | 1.030                    | 1.009                        | 1.032                  |                           | 3  | 0.908     | 0.830                     | 0.938                    | 1.165                    | 1.073                        | 1.203                  |
|                           | 4 | 0.947     | 0.940                     | 1.013                    | 1.038                    | 1.013                        | 1.036                  |                           | 4  | 0.924     | 0.835                     | 0.948                    | 1.185                    | 1.078                        | 1.215                  |
| 2015                      | 1 | 0.940     | 0.931                     | 1.011                    | 1.045                    | 1.017                        | 1.038                  | 2022                      | 1  | 0.950     | 0.841                     | 0.963                    | 1.209                    | 1.087                        | 1.230                  |
|                           | 2 | 0.936     | 0.923                     | 1.007                    | 1.050                    | 1.021                        | 1.042                  |                           | 2  | 0.975     | 0.844                     | 0.976                    | 1.239                    | 1.098                        | 1.245                  |
|                           | 3 | 0.930     | 0.914                     | 1.004                    | 1.054                    | 1.023                        | 1.047                  |                           | 3  | 0.997     | 0.847                     | 0.989                    | 1.268                    | 1.113                        | 1.259                  |
|                           | 4 | 0.924     | 0.906                     | 1.001                    | 1.058                    | 1.025                        | 1.052                  |                           | 4  | 1.012     | 0.854                     | 0.998                    | 1.298                    | 1.128                        | 1.275                  |
| 2016                      | 1 | 0.920     | 0.902                     | 0.999                    | 1.061                    | 1.028                        | 1.058                  | 2023                      | 1P | 1.018     | 0.860                     | 1.003                    | 1.326                    | 1.142                        | 1.292                  |
|                           | 2 | 0.914     | 0.901                     | 0.998                    | 1.063                    | 1.030                        | 1.064                  |                           | 2P | 1.020     | 0.867                     | 1.006                    | 1.346                    | 1.154                        | 1.309                  |
|                           | 3 | 0.907     | 0.899                     | 0.997                    | 1.064                    | 1.034                        | 1.071                  |                           | 3P | 1.021     | 0.873                     | 1.008                    | 1.360                    | 1.163                        | 1.324                  |
|                           | 4 | 0.900     | 0.899                     | 0.998                    | 1.065                    | 1.038                        | 1.078                  |                           | 4P | 1.025     | 0.877                     | 1.011                    | 1.371                    | 1.171                        | 1.338                  |
| 2017                      | 1 | 0.895     | 0.897                     | 0.998                    | 1.066                    | 1.043                        | 1.086                  | 2024                      | 1P | 1.027     | 0.878                     | 1.013                    | 1.380                    | 1.179                        | 1.348                  |
|                           | 2 | 0.888     | 0.894                     | 0.997                    | 1.068                    | 1.046                        | 1.092                  |                           | 2P | 1.029     | 0.879                     | 1.015                    | 1.389                    | 1.187                        | 1.358                  |
|                           | 3 | 0.882     | 0.890                     | 0.995                    | 1.071                    | 1.049                        | 1.100                  |                           | 3P | 1.030     | 0.879                     | 1.018                    | 1.398                    | 1.196                        | 1.367                  |
|                           | 4 | 0.875     | 0.887                     | 0.992                    | 1.075                    | 1.050                        | 1.108                  |                           | 4P | 1.029     | 0.880                     | 1.020                    | 1.408                    | 1.206                        | 1.376                  |
| 2018                      | 1 | 0.868     | 0.885                     | 0.991                    | 1.078                    | 1.052                        | 1.114                  | 2025                      | 1P | 1.029     | 0.880                     | 1.023                    | 1.417                    | 1.215                        | 1.385                  |
|                           | 2 | 0.866     | 0.882                     | 0.994                    | 1.082                    | 1.054                        | 1.120                  |                           | 2P | 1.028     | 0.880                     | 1.024                    | 1.426                    | 1.224                        | 1.393                  |
|                           | 3 | 0.864     | 0.879                     | 0.993                    | 1.086                    | 1.055                        | 1.126                  |                           | 3P | 1.027     | 0.880                     | 1.026                    | 1.435                    | 1.234                        | 1.401                  |
|                           | 4 | 0.865     | 0.871                     | 0.993                    | 1.090                    | 1.056                        | 1.131                  |                           | 4P | 1.026     | 0.880                     | 1.027                    | 1.444                    | 1.243                        | 1.409                  |

Change In Exposures \*

Average Annual Trend Factor

1/1/2019 to 1/1/2025

(2025:2/2019:2)

1.182

1.026

1.041

1.296

1.159

1.220

1/1/2019 to 1/1/2025

(6.0 YEARS)

+ 2.8%

+ 0.4%

+ 0.7%

+ 4.4%

+ 2.5%

+ 3.4%

\*Assumes a loss cost revision date of January 1, 2024, and a prospective average date of coverage one year later (January 1, 2025).

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PREMISES/OPERATIONS  
GOVERNMENTAL SUBDIVISIONS  
OWNERS, LANDLORDS AND TENANTS  
AVERAGE ANNUAL EXPOSURE TRENDS  
FOR ACCIDENT YEARS ENDING 6/30/2020, 6/30/2021 & 6/30/2022

| (1)<br>YEAR<br>ENDING<br>QUARTER * |                 | (2)<br>YEARLY VALUES BASED<br>ON MOODY'S ANALYTICS EXPOSURE<br>HISTORY AND FORECASTS @ |  | (1)<br>YEAR<br>ENDING<br>QUARTER * |             | (2)<br>YEARLY VALUES BASED<br>ON MOODY'S ANALYTICS EXPOSURE<br>HISTORY AND FORECASTS @ |  |
|------------------------------------|-----------------|--|--|------------------------------------|-------------|--|--|
| 2012                               | 1               | 0.984  |  | 2019                               | 1           | 1.137  |  |
|                                    | 2               | 0.988  |  |                                    | 2           | 1.142  |  |
|                                    | 3               | 0.992  |  |                                    | 3           | 1.145  |  |
|                                    | 4               | 1.000  |  |                                    | 4           | 1.149  |  |
| 2013                               | 1               | 1.007  |  | 2020                               | 1           | 1.156  |  |
|                                    | 2               | 1.016  |  |                                    | 2           | 1.160  |  |
|                                    | 3               | 1.026  |  |                                    | 3           | 1.167  |  |
|                                    | 4               | 1.033  |  |                                    | 4           | 1.176  |  |
| 2014                               | 1               | 1.040  |  | 2021                               | 1           | 1.188  |  |
|                                    | 2               | 1.047  |  |                                    | 2           | 1.206  |  |
|                                    | 3               | 1.053  |  |                                    | 3           | 1.227  |  |
|                                    | 4               | 1.057  |  |                                    | 4           | 1.252  |  |
| 2015                               | 1               | 1.057  |  | 2022                               | 1           | 1.279  |  |
|                                    | 2               | 1.058  |  |                                    | 2           | 1.311  |  |
|                                    | 3               | 1.058  |  |                                    | 3           | 1.340  |  |
|                                    | 4               | 1.057  |  |                                    | 4           | 1.366  |  |
| 2016                               | 1               | 1.056  |  | 2023                               | 1P          | 1.387  |  |
|                                    | 2               | 1.055  |  |                                    | 2P          | 1.399  |  |
|                                    | 3               | 1.055  |  |                                    | 3P          | 1.412  |  |
|                                    | 4               | 1.057  |  |                                    | 4P          | 1.424  |  |
| 2017                               | 1               | 1.064  |  | 2024                               | 1P          | 1.435  |  |
|                                    | 2               | 1.069  |  |                                    | 2P          | 1.444  |  |
|                                    | 3               | 1.076  |  |                                    | 3P          | 1.453  |  |
|                                    | 4               | 1.085  |  |                                    | 4P          | 1.461  |  |
| 2018                               | 1               | 1.095  |  | 2025                               | 1P          | 1.469  |  |
|                                    | 2               | 1.108  |  |                                    | 2P          | 1.477  |  |
|                                    | 3               | 1.120  |  |                                    | 3P          | 1.485  |  |
|                                    | 4               | 1.130  |  |                                    | 4P          | 1.493  |  |
| CHANGE IN EXPOSURES                |                 |  |  | AVERAGE ANNUAL TREND FACTOR        |             |  |  |
| 1/1/2020 to 1/1/2025               | (2025:2/2020:2) | 1.273  |  | 1/1/2020 to 1/1/2025               | (5.0 YEARS) | 1.049  |  |
| 1/1/2021 to 1/1/2025               | (2025:2/2021:2) | 1.225  |  | 1/1/2021 to 1/1/2025               | (4.0 YEARS) | 1.052  |  |
| 1/1/2022 to 1/1/2025               | (2025:2/2022:2) | 1.127  |  | 1/1/2022 to 1/1/2025               | (3.0 YEARS) | 1.041  |  |

\* Projected values are identified by a 'P' in column (1).

@ Based on a year-ended quarterly implicit price deflator of state and local government expenditures. GDP accounts are based on 2012 dollars.

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OCCURRENCE SEVERITY TREND  
MULTISTATE  
MANUFACTURERS AND CONTRACTORS  
Calculation of Annual Trend Factor  
Based on Average Occurrence Severity  
Full Coverage Occurrence Data  
Monoline and Multiline Combined  
Bodily Injury

| (1)<br>Accident<br>Year<br>Ending | (2)<br>Basic Limit<br>Paid<br>Losses * | (3)<br>Occurrences<br>at<br>Ultimate | (4)<br>(2)/(3)<br>Actual<br>Severity | (5)<br>Exponential<br>Curve of<br>Best Fit to Col (4) |          |          |
|-----------------------------------|--|--------------------------------------|--------------------------------------|---|----------|----------|
|                                   |  |                                      |                                      | 10 Year   | 8 Year   | 6 Year   |
|                                   |  |                                      |                                      |   |          |          |
| 12/31/2012                        | \$196,706,327                          | 3,389                                | \$58,039                             | \$55,934  |          |          |
| 6/30/2013                         | \$200,255,202                          | 3,442                                | \$58,181                             | \$57,494  |          |          |
| 12/31/2013                        | \$206,175,373                          | 3,531                                | \$58,382                             | \$59,097  |          |          |
| 6/30/2014                         | \$233,911,110                          | 3,788                                | \$61,747                             | \$60,744  |          |          |
| 12/31/2014                        | \$229,679,345                          | 3,596                                | \$63,868                             | \$62,438  | \$61,449 |          |
| 6/30/2015                         | \$212,018,727                          | 3,393                                | \$62,496                             | \$64,179  | \$63,269 |          |
| 12/31/2015                        | \$211,682,444                          | 3,284                                | \$64,454                             | \$65,968  | \$65,143 |          |
| 6/30/2016                         | \$212,842,758                          | 3,008                                | \$70,766                             | \$67,807  | \$67,072 |          |
| 12/31/2016                        | \$215,596,117                          | 3,056                                | \$70,549                             | \$69,698  | \$69,058 | \$67,273 |
| 6/30/2017                         | \$215,311,127                          | 3,057                                | \$70,441                             | \$71,641  | \$71,104 | \$69,523 |
| 12/31/2017                        | \$222,123,450                          | 3,058                                | \$72,641                             | \$73,639  | \$73,209 | \$71,848 |
| 6/30/2018                         | \$226,136,027                          | 3,114                                | \$72,608                             | \$75,692  | \$75,378 | \$74,251 |
| 12/31/2018                        | \$224,872,166                          | 3,031                                | \$74,194                             | \$77,802  | \$77,610 | \$76,734 |
| 6/30/2019                         | \$223,152,028                          | 2,899                                | \$76,962                             | \$79,971  | \$79,908 | \$79,301 |
| 12/31/2019                        | \$216,537,605                          | 2,854                                | \$75,884                             | \$82,201  | \$82,275 | \$81,953 |
| 6/30/2020                         | \$203,420,430                          | 2,473                                | \$82,246                             | \$84,493  | \$84,712 | \$84,694 |
| 12/31/2020                        | \$194,664,097                          | 2,193                                | \$88,765                             | \$86,848  | \$87,220 | \$87,527 |
| 6/30/2021                         | \$229,044,745                          | 2,320                                | \$98,721                             | \$89,270  | \$89,803 | \$90,454 |
| 12/31/2021                        | \$235,260,767                          | 2,218                                | \$106,060                            | \$91,759  | \$92,463 | \$93,480 |
| 6/30/2022                         | \$193,876,106                          | 2,234                                | \$86,790                             | \$94,317  | \$95,201 | \$96,606 |

Goodness of Fit Statistic, R-Squared:      0.864      0.809      0.735

Average Annual Severity Trend (10 yr)      + 5.7%

Average Annual Severity Trend ( 8 yr)      + 6.0%

Average Annual Severity Trend ( 6 yr)      + 6.8%

Selected Annual Severity Trend      + 6.5%

\* Including basic indemnity and allocated loss adjustment expense developed separately to an ultimate settlement basis.

NOTE: Trends are based on reported paid full coverage data developed to ultimate using paid development factors (See Explanatory Pages C-11 to C-12- Explanation of Trend Calculation).



OCCURRENCE SEVERITY TREND  
MULTISTATE  
MANUFACTURERS AND CONTRACTORS  
Calculation of Annual Trend Factor  
Based on Average Occurrence Severity  
Full Coverage Occurrence Data  
Monoline and Multiline Combined  
Property Damage

| (1)<br>Accident<br>Year<br>Ending | (2)<br>Basic Limit<br>Paid<br>Losses * | (3)<br>Occurrences<br>at<br>Ultimate | (4)<br>(2) / (3)<br>Actual<br>Severity | (5)<br>Exponential<br>Curve of<br>Best Fit to Col (4) |          |          |
|-----------------------------------|--|--------------------------------------|--|---|----------|----------|
|                                   |  |                                      |  | 10 Year   | 8 Year   | 6 Year   |
|                                   |  |                                      |  |   |          |          |
| 12/31/2012                        | \$165,755,975                          | 13,918                               | \$11,910                               | \$12,573  |          |          |
| 6/30/2013                         | \$168,559,768                          | 13,312                               | \$12,662                               | \$12,838  |          |          |
| 12/31/2013                        | \$160,326,139                          | 12,552                               | \$12,772                               | \$13,108  |          |          |
| 6/30/2014                         | \$169,674,921                          | 12,313                               | \$13,780                               | \$13,385  |          |          |
| 12/31/2014                        | \$171,383,364                          | 12,219                               | \$14,026                               | \$13,667  | \$13,956 |          |
| 6/30/2015                         | \$175,029,826                          | 11,948                               | \$14,650                               | \$13,955  | \$14,219 |          |
| 12/31/2015                        | \$179,656,066                          | 11,935                               | \$15,053                               | \$14,249  | \$14,486 |          |
| 6/30/2016                         | \$177,721,024                          | 12,030                               | \$14,773                               | \$14,550  | \$14,758 |          |
| 12/31/2016                        | \$176,495,515                          | 12,161                               | \$14,513                               | \$14,857  | \$15,035 | \$14,604 |
| 6/30/2017                         | \$177,486,785                          | 12,190                               | \$14,560                               | \$15,170  | \$15,317 | \$14,940 |
| 12/31/2017                        | \$187,022,484                          | 11,921                               | \$15,688                               | \$15,490  | \$15,605 | \$15,284 |
| 6/30/2018                         | \$189,959,329                          | 11,897                               | \$15,967                               | \$15,816  | \$15,898 | \$15,636 |
| 12/31/2018                        | \$191,639,127                          | 11,851                               | \$16,171                               | \$16,150  | \$16,197 | \$15,997 |
| 6/30/2019                         | \$189,038,959                          | 11,693                               | \$16,167                               | \$16,490  | \$16,501 | \$16,365 |
| 12/31/2019                        | \$195,082,090                          | 11,579                               | \$16,848                               | \$16,838  | \$16,811 | \$16,742 |
| 6/30/2020                         | \$184,647,304                          | 10,677                               | \$17,293                               | \$17,193  | \$17,127 | \$17,128 |
| 12/31/2020                        | \$169,390,827                          | 10,002                               | \$16,936                               | \$17,555  | \$17,449 | \$17,523 |
| 6/30/2021                         | \$177,673,366                          | 10,147                               | \$17,510                               | \$17,926  | \$17,777 | \$17,926 |
| 12/31/2021                        | \$180,733,475                          | 9,847                                | \$18,354                               | \$18,304  | \$18,110 | \$18,339 |
| 6/30/2022                         | \$187,830,764                          | 9,742                                | \$19,280                               | \$18,690  | \$18,451 | \$18,762 |

Goodness of Fit Statistic, R-Squared:                      0.946                      0.922                      0.941

Average Annual Severity Trend (10 yr)                      + 4.3%

Average Annual Severity Trend ( 8 yr)                      + 3.8%

Average Annual Severity Trend ( 6 yr)                      + 4.7%

Selected Annual Severity Trend                                      + 4.5%

\* Including basic indemnity and allocated loss adjustment expense developed separately to an ultimate settlement basis.

NOTE: Trends are based on reported paid full coverage data developed to ultimate using paid development factors (See Explanatory Pages C-11 to C-12- Explanation of Trend Calculation).

OCCURRENCE SEVERITY TREND  
MULTISTATE  
MANUFACTURERS AND CONTRACTORS  
Calculation of Annual Trend Factor  
Based on Average Occurrence Severity  
Full Coverage Occurrence Data  
Monoline and Multiline Combined  
Fringe

| (1)<br>Accident<br>Year<br>Ending | (2)<br>Basic Limit<br>Paid<br>Losses * | (3)<br>Occurrences<br>at<br>Ultimate | (4)<br>(2) / (3)<br>Actual<br>Severity | (5)<br>Exponential<br>Curve of<br>Best Fit to Col (4) |          |          |
|-----------------------------------|--|--------------------------------------|--|---|----------|----------|
|                                   |  |                                      |  | 10 Year   | 8 Year   | 6 Year   |
|                                   |  |                                      |  |   |          |          |
| 12/31/2012                        | \$15,678,222                           | 440                                  | \$35,607                               | \$42,416  |          |          |
| 6/30/2013                         | \$18,309,267                           | 410                                  | \$44,608                               | \$41,830  |          |          |
| 12/31/2013                        | \$25,670,892                           | 454                                  | \$56,511                               | \$41,251  |          |          |
| 6/30/2014                         | \$20,857,991                           | 498                                  | \$41,888                               | \$40,681  |          |          |
| 12/31/2014                        | \$16,207,745                           | 488                                  | \$33,186                               | \$40,119  | \$37,914 |          |
| 6/30/2015                         | \$19,826,522                           | 496                                  | \$39,941                               | \$39,564  | \$37,600 |          |
| 12/31/2015                        | \$18,355,444                           | 510                                  | \$35,988                               | \$39,017  | \$37,288 |          |
| 6/30/2016                         | \$21,416,858                           | 503                                  | \$42,543                               | \$38,478  | \$36,978 |          |
| 12/31/2016                        | \$19,856,328                           | 472                                  | \$42,087                               | \$37,946  | \$36,672 | \$36,725 |
| 6/30/2017                         | \$18,542,687                           | 510                                  | \$36,337                               | \$37,421  | \$36,368 | \$36,393 |
| 12/31/2017                        | \$21,543,060                           | 563                                  | \$38,289                               | \$36,904  | \$36,066 | \$36,064 |
| 6/30/2018                         | \$20,581,494                           | 566                                  | \$36,362                               | \$36,394  | \$35,767 | \$35,739 |
| 12/31/2018                        | \$16,567,700                           | 521                                  | \$31,830                               | \$35,891  | \$35,470 | \$35,416 |
| 6/30/2019                         | \$13,385,100                           | 455                                  | \$29,411                               | \$35,395  | \$35,176 | \$35,096 |
| 12/31/2019                        | \$12,011,280                           | 454                                  | \$26,446                               | \$34,905  | \$34,884 | \$34,779 |
| 6/30/2020                         | \$16,843,236                           | 462                                  | \$36,444                               | \$34,423  | \$34,595 | \$34,465 |
| 12/31/2020                        | \$18,306,166                           | 456                                  | \$40,153                               | \$33,947  | \$34,308 | \$34,153 |
| 6/30/2021                         | \$20,402,084                           | 527                                  | \$38,691                               | \$33,478  | \$34,024 | \$33,845 |
| 12/31/2021                        | \$17,319,257                           | 496                                  | \$34,898                               | \$33,015  | \$33,742 | \$33,539 |
| 6/30/2022                         | \$20,675,447                           | 651                                  | \$31,750                               | \$32,559  | \$33,462 | \$33,236 |

Goodness of Fit Statistic, R-Squared:                      0.256                      0.093                      0.066

Average Annual Severity Trend (10 yr)                      - 2.7%

Average Annual Severity Trend ( 8 yr)                      - 1.7%

Average Annual Severity Trend ( 6 yr)                      - 1.8%

Selected Annual Severity Trend                                      0.0%

\* Including basic indemnity and allocated loss adjustment expense developed separately to an ultimate settlement basis.

NOTE: Trends are based on reported paid full coverage data developed to ultimate using paid development factors (See Explanatory Pages C-11 to C-12- Explanation of Trend Calculation).

OCCURRENCE SEVERITY TREND  
MULTISTATE  
OWNERS, LANDLORDS AND TENANTS  
Calculation of Annual Trend Factor  
Based on Average Occurrence Severity  
Full Coverage Occurrence Data  
Monoline and Multiline Combined  
Bodily Injury

| (1)<br>Accident<br>Year<br>Ending | (2)<br>Basic Limit<br>Paid<br>Losses * | (3)<br>Occurrences<br>at<br>Ultimate | (4)<br>(2)/(3)<br>Actual<br>Severity | (5)<br>Exponential<br>Curve of<br>Best Fit to Col (4) |          |          |
|-----------------------------------|--|--------------------------------------|--------------------------------------|---|----------|----------|
|                                   |  |                                      |                                      | 10 Year   | 8 Year   | 6 Year   |
|                                   |  |                                      |                                      |   |          |          |
| 12/31/2012                        | \$484,305,308                          | 14,044                               | \$34,485                             | \$32,847  |          |          |
| 6/30/2013                         | \$519,969,982                          | 14,815                               | \$35,097                             | \$33,933  |          |          |
| 12/31/2013                        | \$573,146,962                          | 15,886                               | \$36,079                             | \$35,055  |          |          |
| 6/30/2014                         | \$636,611,674                          | 17,106                               | \$37,215                             | \$36,215  |          |          |
| 12/31/2014                        | \$620,572,061                          | 16,386                               | \$37,872                             | \$37,413  | \$35,948 |          |
| 6/30/2015                         | \$617,685,862                          | 15,853                               | \$38,962                             | \$38,650  | \$37,292 |          |
| 12/31/2015                        | \$632,638,226                          | 15,815                               | \$40,002                             | \$39,929  | \$38,686 |          |
| 6/30/2016                         | \$607,598,381                          | 14,572                               | \$41,698                             | \$41,249  | \$40,133 |          |
| 12/31/2016                        | \$621,827,685                          | 14,744                               | \$42,176                             | \$42,614  | \$41,634 | \$38,953 |
| 6/30/2017                         | \$649,071,652                          | 15,380                               | \$42,201                             | \$44,023  | \$43,191 | \$40,798 |
| 12/31/2017                        | \$683,697,778                          | 16,031                               | \$42,648                             | \$45,479  | \$44,806 | \$42,730 |
| 6/30/2018                         | \$725,528,756                          | 16,484                               | \$44,014                             | \$46,983  | \$46,482 | \$44,754 |
| 12/31/2018                        | \$710,822,623                          | 15,737                               | \$45,170                             | \$48,537  | \$48,220 | \$46,874 |
| 6/30/2019                         | \$679,987,389                          | 14,748                               | \$46,107                             | \$50,143  | \$50,023 | \$49,094 |
| 12/31/2019                        | \$667,706,979                          | 13,994                               | \$47,714                             | \$51,801  | \$51,894 | \$51,419 |
| 6/30/2020                         | \$541,502,832                          | 10,450                               | \$51,819                             | \$53,515  | \$53,834 | \$53,854 |
| 12/31/2020                        | \$423,450,487                          | 7,494                                | \$56,508                             | \$55,285  | \$55,848 | \$56,405 |
| 6/30/2021                         | \$479,621,474                          | 7,844                                | \$61,149                             | \$57,113  | \$57,936 | \$59,076 |
| 12/31/2021                        | \$516,829,016                          | 8,124                                | \$63,615                             | \$59,003  | \$60,103 | \$61,874 |
| 6/30/2022                         | \$546,947,535                          | 7,993                                | \$68,426                             | \$60,954  | \$62,350 | \$64,805 |

Goodness of Fit Statistic, R-Squared:      0.908      0.903      0.933

Average Annual Severity Trend (10 yr)      + 6.7%

Average Annual Severity Trend ( 8 yr)      + 7.6%

Average Annual Severity Trend ( 6 yr)      + 9.7%

Selected Annual Severity Trend      + 8.0%

\* Including basic indemnity and allocated loss adjustment expense developed separately to an ultimate settlement basis.

NOTE: Trends are based on reported paid full coverage data developed to ultimate using paid development factors (See Explanatory Pages C-11 to C-12- Explanation of Trend Calculation).

OCCURRENCE SEVERITY TREND  
MULTISTATE  
OWNERS, LANDLORDS AND TENANTS  
Calculation of Annual Trend Factor  
Based on Average Occurrence Severity  
Full Coverage Occurrence Data  
Monoline and Multiline Combined  
Property Damage

| (1)<br>Accident<br>Year<br>Ending | (2)<br>Basic Limit<br>Paid<br>Losses * | (3)<br>Occurrences<br>at<br>Ultimate | (4)<br>(2)/(3)<br>Actual<br>Severity | (5)<br>Exponential<br>Curve of<br>Best Fit to Col (4) |          |          |
|-----------------------------------|--|--------------------------------------|--------------------------------------|---|----------|----------|
|                                   |  |                                      |                                      | 10 Year   | 8 Year   | 6 Year   |
|                                   |  |                                      |                                      |   |          |          |
| 12/31/2012                        | \$56,299,532                           | 6,582                                | \$8,553                              | \$8,218   |          |          |
| 6/30/2013                         | \$57,534,235                           | 6,717                                | \$8,566                              | \$8,498   |          |          |
| 12/31/2013                        | \$62,309,811                           | 6,806                                | \$9,155                              | \$8,787   |          |          |
| 6/30/2014                         | \$60,302,142                           | 7,035                                | \$8,572                              | \$9,087   |          |          |
| 12/31/2014                        | \$59,627,187                           | 6,912                                | \$8,627                              | \$9,396   | \$9,288  |          |
| 6/30/2015                         | \$68,142,263                           | 6,542                                | \$10,415                             | \$9,716   | \$9,617  |          |
| 12/31/2015                        | \$69,102,733                           | 6,498                                | \$10,635                             | \$10,046  | \$9,957  |          |
| 6/30/2016                         | \$65,893,113                           | 6,458                                | \$10,203                             | \$10,388  | \$10,309 |          |
| 12/31/2016                        | \$71,296,972                           | 6,579                                | \$10,838                             | \$10,742  | \$10,674 | \$10,455 |
| 6/30/2017                         | \$73,707,722                           | 7,075                                | \$10,418                             | \$11,108  | \$11,051 | \$10,856 |
| 12/31/2017                        | \$81,020,759                           | 7,127                                | \$11,367                             | \$11,486  | \$11,442 | \$11,271 |
| 6/30/2018                         | \$84,793,735                           | 6,948                                | \$12,204                             | \$11,877  | \$11,847 | \$11,703 |
| 12/31/2018                        | \$79,052,427                           | 6,652                                | \$11,883                             | \$12,281  | \$12,266 | \$12,151 |
| 6/30/2019                         | \$77,272,679                           | 6,428                                | \$12,021                             | \$12,699  | \$12,700 | \$12,617 |
| 12/31/2019                        | \$78,248,244                           | 6,152                                | \$12,719                             | \$13,132  | \$13,149 | \$13,100 |
| 6/30/2020                         | \$70,638,422                           | 5,064                                | \$13,949                             | \$13,579  | \$13,614 | \$13,602 |
| 12/31/2020                        | \$66,426,959                           | 4,490                                | \$14,794                             | \$14,041  | \$14,095 | \$14,123 |
| 6/30/2021                         | \$66,992,660                           | 4,631                                | \$14,468                             | \$14,519  | \$14,594 | \$14,663 |
| 12/31/2021                        | \$64,969,984                           | 4,329                                | \$15,008                             | \$15,013  | \$15,110 | \$15,225 |
| 6/30/2022                         | \$67,357,428                           | 4,214                                | \$15,986                             | \$15,524  | \$15,645 | \$15,808 |

Goodness of Fit Statistic, R-Squared:                      0.959                      0.945                      0.949

Average Annual Severity Trend (10 yr)                      + 6.9%

Average Annual Severity Trend ( 8 yr)                      + 7.2%

Average Annual Severity Trend ( 6 yr)                      + 7.8%

Selected Annual Severity Trend                                      + 8.0%

\* Including basic indemnity and allocated loss adjustment expense developed separately to an ultimate settlement basis.

NOTE: Trends are based on reported paid full coverage data developed to ultimate using paid development factors (See Explanatory Pages C-11 to C-12- Explanation of Trend Calculation).

OCCURRENCE SEVERITY TREND  
MULTISTATE  
OWNERS, LANDLORDS AND TENANTS  
Calculation of Annual Trend Factor  
Based on Average Occurrence Severity  
Full Coverage Occurrence Data  
Monoline and Multiline Combined  
Fringe

| (1)<br>Accident<br>Year<br>Ending | (2)<br>Basic Limit<br>Paid<br>Losses * | (3)<br>Occurrences<br>at<br>Ultimate | (4)<br>(2)/(3)<br>Actual<br>Severity | (5)<br>Exponential<br>Curve of<br>Best Fit to Col (4) |          |          |
|-----------------------------------|--|--------------------------------------|--------------------------------------|---|----------|----------|
|                                   |  |                                      |                                      | 10 Year   | 8 Year   | 6 Year   |
|                                   |  |                                      |                                      |   |          |          |
| 12/31/2012                        | \$21,113,853                           | 301                                  | \$70,099                             | \$59,207  |          |          |
| 6/30/2013                         | \$21,235,117                           | 338                                  | \$62,823                             | \$60,072  |          |          |
| 12/31/2013                        | \$25,842,366                           | 364                                  | \$70,947                             | \$60,950  |          |          |
| 6/30/2014                         | \$32,928,635                           | 436                                  | \$75,595                             | \$61,841  |          |          |
| 12/31/2014                        | \$31,529,293                           | 496                                  | \$63,524                             | \$62,745  | \$53,570 |          |
| 6/30/2015                         | \$34,011,292                           | 581                                  | \$58,544                             | \$63,662  | \$55,249 |          |
| 12/31/2015                        | \$38,442,022                           | 659                                  | \$58,327                             | \$64,592  | \$56,981 |          |
| 6/30/2016                         | \$34,182,762                           | 665                                  | \$51,403                             | \$65,536  | \$58,768 |          |
| 12/31/2016                        | \$30,429,750                           | 622                                  | \$48,907                             | \$66,494  | \$60,610 | \$56,836 |
| 6/30/2017                         | \$31,484,060                           | 555                                  | \$56,681                             | \$67,466  | \$62,510 | \$59,201 |
| 12/31/2017                        | \$39,307,472                           | 514                                  | \$76,502                             | \$68,452  | \$64,470 | \$61,665 |
| 6/30/2018                         | \$38,484,450                           | 520                                  | \$74,038                             | \$69,453  | \$66,491 | \$64,231 |
| 12/31/2018                        | \$31,860,819                           | 498                                  | \$63,929                             | \$70,468  | \$68,576 | \$66,905 |
| 6/30/2019                         | \$26,484,553                           | 411                                  | \$64,436                             | \$71,498  | \$70,726 | \$69,689 |
| 12/31/2019                        | \$25,714,050                           | 420                                  | \$61,288                             | \$72,543  | \$72,943 | \$72,589 |
| 6/30/2020                         | \$27,825,869                           | 413                                  | \$67,430                             | \$73,603  | \$75,230 | \$75,610 |
| 12/31/2020                        | \$27,101,609                           | 330                                  | \$82,063                             | \$74,679  | \$77,588 | \$78,756 |
| 6/30/2021                         | \$35,748,253                           | 305                                  | \$117,104                            | \$75,771  | \$80,021 | \$82,034 |
| 12/31/2021                        | \$33,011,682                           | 295                                  | \$111,749                            | \$76,878  | \$82,530 | \$85,448 |
| 6/30/2022                         | \$21,012,415                           | 360                                  | \$58,378                             | \$78,002  | \$85,117 | \$89,004 |

Goodness of Fit Statistic, R-Squared:                      0.172                      0.343                      0.292

Average Annual Severity Trend (10 yr)                      + 2.9%

Average Annual Severity Trend ( 8 yr)                      + 6.4%

Average Annual Severity Trend ( 6 yr)                      + 8.5%

Selected Annual Severity Trend                                      + 2.5%

\* Including basic indemnity and allocated loss adjustment expense developed separately to an ultimate settlement basis.

NOTE: Trends are based on reported paid full coverage data developed to ultimate using paid development factors (See Explanatory Pages C-11 to C-12- Explanation of Trend Calculation).

PREMISES/OPERATIONS  
MANUFACTURERS AND CONTRACTORS

FREQUENCY TREND INCLUDING FRINGE OCCURRENCES<sup>1</sup>

MULTISTATE

Manual Classes (Full and Deductible Coverage)

Monoline and Multiline Combined

CGL Policies Only

Bodily Injury and Property Damage Combined

| (1)<br>Accident<br>Year<br>Ending | (2)<br>Aggregate<br>Loss Costs at<br>Current Level | (3)<br>Occurrences<br>at Ultimate <sup>1</sup> | (4)<br>Occurrence<br>Frequency<br>(3) / (2) <sup>2</sup> |
|-----------------------------------|--|--|--|
| 6/30/2009                         | \$ 873,674,919                                     | 28,351   | 32.45  |
| 6/30/2010                         | \$ 807,909,477                                     | 27,732   | 34.33  |
| 6/30/2011                         | \$ 824,021,882                                     | 28,292   | 34.33  |
| 6/30/2012                         | \$ 835,131,817                                     | 26,499   | 31.73  |
| 6/30/2013                         | \$ 827,689,834                                     | 25,723   | 31.08  |
| 6/30/2014                         | \$ 884,865,838                                     | 27,021   | 30.54  |
| 6/30/2015                         | \$ 913,117,203                                     | 26,762   | 29.31  |
| 6/30/2016                         | \$ 936,604,858                                     | 26,889   | 28.71  |
| 6/30/2017                         | \$ 953,882,300                                     | 27,888   | 29.24  |
| 6/30/2018                         | \$ 978,102,160                                     | 27,926   | 28.55  |
| 6/30/2019                         | \$ 989,842,416                                     | 27,218   | 27.50  |
| 6/30/2020                         | \$ 994,928,005                                     | 23,132   | 23.25  |
| 6/30/2021                         | \$ 985,387,260                                     | 22,136   | 22.46  |
| 6/30/2022                         | \$ 974,794,103                                     | 21,886   | 22.45  |

Selected Annual Frequency Trend: - 0.5%

<sup>1</sup> Occurrences are based on reported paid amounts developed to ultimate using paid development factors.

<sup>2</sup> Frequency is per \$1,000,000 Aggregate Loss Costs at Current Level.

PREMISES/OPERATIONS  
OWNERS, LANDLORDS AND TENANTS

FREQUENCY TREND INCLUDING FRINGE OCCURRENCES<sup>1</sup>

MULTISTATE

Manual Classes (Full and Deductible Coverage)

Monoline and Multiline Combined

CGL Policies Only

Bodily Injury and Property Damage Combined

| (1)<br>Accident<br>Year<br>Ending | (2)<br>Aggregate<br>Loss Costs at<br>Current Level | (3)<br>Occurrences<br>at Ultimate <sup>1</sup> | (4)<br>Occurrence<br>Frequency<br>(3) / (2) <sup>2</sup> |
|-----------------------------------|--|--|--|
| 6/30/2009                         | \$ 1,295,961,534                                   | 31,038   | 23.95  |
| 6/30/2010                         | \$ 1,361,399,338                                   | 30,808   | 22.63  |
| 6/30/2011                         | \$ 1,403,055,300                                   | 30,988   | 22.09  |
| 6/30/2012                         | \$ 1,399,672,081                                   | 26,713   | 19.09  |
| 6/30/2013                         | \$ 1,377,637,346                                   | 26,552   | 19.27  |
| 6/30/2014                         | \$ 1,447,196,285                                   | 29,231   | 20.20  |
| 6/30/2015                         | \$ 1,539,439,438                                   | 28,135   | 18.28  |
| 6/30/2016                         | \$ 1,553,185,357                                   | 27,253   | 17.55  |
| 6/30/2017                         | \$ 1,571,259,415                                   | 28,982   | 18.45  |
| 6/30/2018                         | \$ 1,577,642,489                                   | 30,396   | 19.27  |
| 6/30/2019                         | \$ 1,539,886,457                                   | 28,240   | 18.34  |
| 6/30/2020                         | \$ 1,443,702,685                                   | 21,189   | 14.68  |
| 6/30/2021                         | \$ 1,346,034,680                                   | 18,543   | 13.78  |
| 6/30/2022                         | \$ 1,356,952,969                                   | 18,031   | 13.29  |

Selected Annual Frequency Trend: - 0.5%

<sup>1</sup> Occurrences are based on reported paid amounts developed to ultimate using paid development factors.

<sup>2</sup> Frequency is per \$1,000,000 Aggregate Loss Costs at Current Level.

## PREMISES/OPERATIONS (SUBLINE CODE 334)

## CLASS GROUPS AND DIFFERENTIALS

\*Base Class

| CLASS GROUP 01 |        | CLASS GROUP 03 |       |       |       |                |        |
|----------------|--------|----------------|-------|-------|-------|----------------|--------|
| 10100          | 1.03   | 10026          | 1.24  | 12467 | 0.32  | 18335          | 0.70   |
| 10146          | 0.46   | 10042          | 0.71  | 12805 | 0.62  | 18437          | 1.00 * |
| 10352          | 0.60   | 10060          | 0.34  | 12841 | 1.03  | 18438          | 1.92   |
| 11258          | 1.24   | 10065          | 0.51  | 12927 | 0.18  | 18507          | 0.36   |
| 11259          | 1.33   | 10066          | 0.52  | 13314 | 0.23  | 18570          | 3.76   |
| 11288          | 1.52   | 10071          | 0.61  | 13351 | 0.56  | 18708          | 0.22   |
| 13111          | 1.15   | 10101          | 0.46  | 13352 | 0.57  | 18834          | 0.57   |
| 13673          | 0.94   | 10105          | 4.98  | 13506 | 1.76  | 18911          | 1.80   |
| 13720          | 0.53   | 10113          | 0.69  | 13507 | 2.12  | 18912          | 3.39   |
| 14401          | 1.25   | 10115          | 1.37  | 13716 | 0.87  | 18920          | 0.88   |
| 15224          | 0.56   | 10130          | 6.79  | 13759 | 0.34  | 19795          | 0.59   |
| 18435          | 1.09   | 10132          | 5.85  | 14068 | 0.075 | 19796          | 0.69   |
| 18436          | 0.88   | 10150          | 0.95  | 14101 | 0.88  | 41510          | 90.50  |
| 18501          | 1.00 * | 10151          | 23.92 | 14655 | 0.17  | 45900          | 0.21   |
|                |        | 10160          | 4.26  | 14733 | 1.19  | 45901          | 0.18   |
|                |        | 10204          | 0.43  | 14734 | 0.51  | 48808          | 3.10   |
|                |        | 10205          | 0.48  | 14913 | 0.64  | 49111          | 4.74   |
|                |        | 10210          | 0.77  | 15314 | 0.41  |                |        |
|                |        | 10211          | 0.77  | 15538 | 0.73  |                |        |
|                |        | 10220          | 9.04  | 15600 | 1.84  |                |        |
|                |        | 10309          | 0.31  | 15608 | 0.41  |                |        |
|                |        | 10315          | 0.73  | 15656 | 12.11 |                |        |
|                |        | 11020          | 0.58  | 15839 | 0.55  |                |        |
|                |        | 11126          | 0.12  | 15991 | 0.45  |                |        |
|                |        | 11155          | 0.41  | 15993 | 0.38  |                |        |
|                |        | 11204          | 0.60  | 16402 | 2.72  |                |        |
|                |        | 11234          | 0.54  | 16403 | 1.72  |                |        |
|                |        | 11273          | 26.77 | 16404 | 2.17  |                |        |
|                |        | 11274          | 25.69 | 16676 | 0.57  |                |        |
|                |        | 12356          | 2.27  | 16750 | 0.20  |                |        |
|                |        | 12374          | 1.18  | 16751 | 0.20  |                |        |
|                |        | 12375          | 0.58  | 16881 | 3.13  |                |        |
|                |        | 12393          | 0.77  | 18109 | 0.75  |                |        |
|                |        |                |       | 18110 | 0.60  |                |        |
|                |        |                |       | 18206 | 0.97  |                |        |
| CLASS GROUP 02 |        |                |       |       |       | CLASS GROUP 04 |        |
| 16900          | 1.95   |                |       |       |       | 10133          | 12.18  |
| 16901          | 1.25   |                |       |       |       | 11052          | 12.67  |
| 16902          | 1.06   |                |       |       |       | 11167          | 2.92   |
| 16905          | 2.05   |                |       |       |       | 11168          | 15.14  |
| 16906          | 1.31   |                |       |       |       | 14731          | 12.57  |
| 16910          | 1.17   |                |       |       |       | 14732          | 0.93   |
| 16911          | 1.06   |                |       |       |       | 15123          | 12.15  |
| 16915          | 1.20   |                |       |       |       | 15124          | 4.25   |
| 16916          | 1.00 * |                |       |       |       | 19007          | 4.75   |
| 16920          | 2.66   |                |       |       |       | 19051          | 10.53  |
| 16921          | 2.43   |                |       |       |       | 44009          | 14.81  |
| 16930          | 1.53   |                |       |       |       | 49617          | 1.00 * |
| 16931          | 1.65   |                |       |       |       | 49618          | 0.84   |
| 16940          | 3.32   |                |       |       |       | 49619          | 1.58   |
| 16941          | 1.33   |                |       |       |       | 49763          | 10.26  |



## PREMISES/OPERATIONS (SUBLINE CODE 334)

## CLASS GROUPS AND DIFFERENTIALS

\*Base Class

|                       |        |                       |        |                       |        |                       |        |
|-----------------------|--------|-----------------------|--------|-----------------------|--------|-----------------------|--------|
| <u>CLASS GROUP 05</u> |        | 16705                 | 3.19   | 41669                 | 0.25   | 44430                 | 9.63   |
| 10140                 | 0.46   | 18078                 | 1.81   | 41670                 | 0.42   | 44431                 | 30.76  |
| 10141                 | 0.92   | 18205                 | 2.79   | 43518                 | 5.97   | 44432                 | 9.75   |
| 10145                 | 4.43   | 18707                 | 0.15   | 43626                 | 4.77   | 44433                 | 310.66 |
| 12361                 | 1.00 * | 18833                 | 1.79   | 43628                 | 61.99  | 44434                 | 594.24 |
| 13049                 | 0.52   | <u>CLASS GROUP 07</u> |        | 43629                 | 52.53  | 44435                 | 615.31 |
| 13112                 | 0.85   | 10015                 | 2.95   | 43760                 | 1.75   | 44436                 | 718.67 |
| 13670                 | 0.56   | 10052                 | 2.04   | 44069                 | 5.10   | 44437                 | 595.63 |
| 15223                 | 0.66   | 10054                 | 1.81   | 44070                 | 1.51   | 44438                 | 470.71 |
| <u>CLASS GROUP 06</u> |        | 10054                 | 1.81   | 44071                 | 1.68   | 44439                 | 916.25 |
| 10010                 | 1.59   | 10110                 | 10.04  | 44072                 | 1.16   | 44440                 | 758.14 |
| 10011                 | 0.38   | 10117                 | 2.93   | 44311                 | 3.08   | 46112                 | 1.00 * |
| 10012                 | 0.44   | 10120                 | 6.57   | 44315                 | 2.07   | <u>CLASS GROUP 09</u> |        |
| 10025                 | 0.38   | 10331                 | 4.00   | 46911                 | 9.44   | 45190                 | 1.00 * |
| 10027                 | 0.38   | 10332                 | 6.90   | 46912                 | 17.29  | 45191                 | 0.71   |
| 10040                 | 1.21   | 10378                 | 4.05   | 47318                 | 3.88   | 45192                 | 0.83   |
| 10070                 | 0.91   | 10379                 | 1.88   | 47420                 | 0.85   | 45193                 | 0.49   |
| 10111                 | 1.99   | 10380                 | 3.21   | 48206                 | 12.62  | 45210                 | 0.62   |
| 11127                 | 5.07   | 10381                 | 2.78   | 48441                 | 0.053  | 46202                 | 1.27   |
| 11128                 | 6.84   | 11138                 | 1.00 * | 48557                 | 5.30   | 64074                 | 7.06   |
| 11203                 | 11.79  | 16670                 | 1.66   | 48558                 | 4.61   | 64075                 | 4.97   |
| 12362                 | 1.00 * | 40045                 | 91.94  | 48637                 | 4.05   |                       |        |
| 12373                 | 0.38   | 40046                 | 18.17  | 48638                 | 2.01   |                       |        |
| 12391                 | 0.75   | 40047                 | 6.48   | 48925                 | 96.91  |                       |        |
| 12707                 | 6.56   | 40059                 | 2.32   | 49870                 | 40.51  |                       |        |
| 12797                 | 1.38   | 40061                 | 1.23   | 63217                 | 18.47  |                       |        |
| 13715                 | 1.00   | 40063                 | 41.16  | 63218                 | 6.22   |                       |        |
| 13930                 | 2.13   | 40064                 | 12.10  | <u>CLASS GROUP 08</u> |        |                       |        |
| 14527                 | 4.07   | 40111                 | 3.26   | 40101                 | 254.14 |                       |        |
| 16005                 | 0.53   | 41001                 | 0.11   | 40102                 | 224.55 |                       |        |
| 16501                 | 1.12   | 41664                 | 13.92  | 44427                 | 918.85 |                       |        |
| 16527                 | 1.72   | 41665                 | 1.63   | 44428                 | 924.07 |                       |        |
|                       |        | 41667                 | 38.05  | 44429                 | 13.85  |                       |        |
|                       |        | 41668                 | 35.67  |                       |        |                       |        |

## PREMISES/OPERATIONS (SUBLINE CODE 334)

## CLASS GROUPS AND DIFFERENTIALS

\*Base Class

|                       |        |                        |        |                       |       |       |        |
|-----------------------|--------|------------------------|--------|-----------------------|-------|-------|--------|
| <u>CLASS GROUP 10</u> |        | 61000                  | 0.99   | 65007                 | 1.65  | 49181 | 0.82   |
| 41421                 | 0.015  | 63010                  | 1.80   | 66122                 | 0.71  | 49183 | 1.00 * |
| 41422                 | 0.008  | 63011                  | 2.25   | 66123                 | 0.39  | 49184 | 2.11   |
| 41603                 | 0.71   | 63012                  | 3.20   | 66309                 | 1.14  | 49185 | 1.92   |
| 41604                 | 0.39   | 63013                  | 3.03   | 66561                 | 2.64  | 49292 | 0.060  |
| 41650                 | 1.00 * | 68500                  | 0.22   | 67017                 | 2.45  | 49333 | 0.44   |
| 41680                 | 0.52   | <u>CLASS GROUP 12@</u> |        | 67634                 | 2.12  | 49801 | 6.88   |
| 41715                 | 0.33   | 41678                  | 3.04   | 67635                 | 1.50  | 49802 | 0.61   |
| 41716                 | 0.21   | 43152                  | 0.91   | 68001                 | 4.58  | 49803 | 1.08   |
| 46004                 | 0.95   | 46362                  | 10.61  | 68439                 | 5.89  |       |        |
| 46005                 | 0.76   | 46426                  | 1.55   | 68604                 | 0.11  |       |        |
| 47469                 | 0.15   | 46427                  | 2.07   | 68606                 | 0.43  |       |        |
| 47471                 | 0.13   | 46603                  | 0.13   | 68607                 | 0.34  |       |        |
| 47473                 | 0.17   | 46604                  | 0.15   | 68702                 | 0.28  |       |        |
| 47474                 | 0.19   | 46606                  | 0.40   | 68703                 | 0.21  |       |        |
| 47475                 | 0.15   | 46607                  | 0.55   | 68706                 | 0.90  |       |        |
| 47476                 | 0.15   | 48600                  | 3.10   | 68707                 | 0.89  |       |        |
| 47477                 | 0.20   | 60035                  | 1.86   | <u>CLASS GROUP 13</u> |       |       |        |
| 47478                 | 0.21   | 61212                  | 1.00 * | 40075                 | 1.87  |       |        |
| 67508                 | 1.20   | 61216                  | 1.11   | 43151                 | 0.93  |       |        |
| 67509                 | 0.88   | 61217                  | 1.01   | 43200                 | 3.54  |       |        |
| 67510                 | 0.49   | 61218                  | 0.69   | 43421                 | 0.97  |       |        |
| 67511                 | 0.53   | 61223                  | 4.66   | 43422                 | 5.09  |       |        |
| 67512                 | 2.27   | 61224                  | 1.65   | 43550                 | 3.46  |       |        |
| 67513                 | 1.44   | 61225                  | 2.29   | 43551                 | 1.92  |       |        |
| <u>CLASS GROUP 11</u> |        | 61226                  | 3.65   | 44276                 | 4.75  |       |        |
| 60010                 | 1.00 * | 61227                  | 3.34   | 44277                 | 3.08  |       |        |
| 60011                 | 1.15   | 62000                  | 0.76   | 45334                 | 2.04  |       |        |
| 60012                 | 1.89   | 62001                  | 0.57   | 45450                 | 0.60  |       |        |
| 60013                 | 1.62   | 62002                  | 0.26   | 45937                 | 0.008 |       |        |
| 60015                 | 1.21   | 62003                  | 0.82   | 46700                 | 7.12  |       |        |
| 60016                 | 1.36   | 63215                  | 2.71   | 47221                 | 7.81  |       |        |
|                       |        | 63216                  | 1.88   | 48039                 | 2.51  |       |        |

@ The differentials for CG 12 do not reflect the class-specific adjustments for COVID-19.

## PREMISES/OPERATIONS (SUBLINE CODE 334)

## CLASS GROUPS AND DIFFERENTIALS

\*Base Class

CLASS GROUP 14

|       |     |
|-------|-----|
| 10020 | (a) |
| 10119 | (a) |
| 10135 | (a) |
| 10375 | (a) |
| 11101 | (a) |
| 11120 | (a) |
| 11160 | (a) |
| 13208 | (a) |
| 13461 | (a) |
| 15119 | (a) |
| 15120 | (a) |
| 15300 | (a) |
| 16722 | (a) |
| 16723 | (a) |
| 18200 | (a) |
| 18991 | (a) |
| 19061 | (a) |
| 40005 | (a) |
| 40006 | (a) |
| 40010 | (a) |
| 40015 | (a) |
| 40020 | (a) |
| 40026 | (a) |
| 40031 | (a) |
| 40032 | (a) |
| 40040 | (a) |
| 40041 | (a) |
| 40042 | (a) |
| 40066 | (a) |
| 40067 | (a) |
| 40069 | (a) |
| 40072 | (a) |
| 40115 | (a) |
| 40117 | (a) |

|       |     |
|-------|-----|
| 40140 | (a) |
| 41210 | (a) |
| 41666 | (a) |
| 41672 | (a) |
| 41673 | (a) |
| 41700 | (a) |
| 43007 | (a) |
| 43117 | (a) |
| 43215 | (a) |
| 43424 | (a) |
| 43517 | (a) |
| 43754 | (a) |
| 43945 | (a) |
| 43946 | (a) |
| 43990 | (a) |
| 43991 | (a) |
| 44105 | (a) |
| 44106 | (a) |
| 44113 | (a) |
| 44193 | (a) |
| 44194 | (a) |
| 44222 | (a) |
| 44500 | (a) |
| 44501 | (a) |
| 45224 | (a) |
| 45225 | (a) |
| 45523 | (a) |
| 45524 | (a) |
| 45539 | (a) |
| 45993 | (a) |
| 46510 | (a) |
| 46590 | (a) |
| 46671 | (a) |
| 46773 | (a) |
| 46822 | (a) |
| 46881 | (a) |

|       |     |
|-------|-----|
| 46882 | (a) |
| 46913 | (a) |
| 46914 | (a) |
| 46915 | (a) |
| 46916 | (a) |
| 47051 | (a) |
| 47052 | (a) |
| 47103 | (a) |
| 47146 | (a) |
| 47147 | (a) |
| 47253 | (a) |
| 47254 | (a) |
| 47468 | (a) |
| 47600 | (a) |
| 47610 | (a) |
| 48177 | (a) |
| 48178 | (a) |
| 48252 | (a) |
| 48610 | (a) |
| 48727 | (a) |
| 48924 | (a) |
| 49305 | (a) |
| 49451 | (a) |
| 49452 | (a) |
| 49800 | (a) |
| 49890 | (a) |
| 49891 | (a) |
| 49902 | (a) |
| 49903 | (a) |
| 63219 | (a) |
| 63220 | (a) |
| 64500 | (a) |
| 97501 | (a) |
| 97502 | (a) |
| 97503 | (a) |
| 97504 | (a) |

CLASS GROUP 16

|       |      |
|-------|------|
| 44100 | 0.96 |
| 44101 | 1.00 |
| 44102 | 0.78 |
| 44103 | 0.69 |
| 44104 | 0.29 |
| 44108 | 0.34 |
| 44109 | 0.86 |
| 44110 | 0.88 |
| 44111 | 0.54 |
| 44112 | 0.32 |

\*

## PREMISES/OPERATIONS (SUBLINE CODE 334)

## CLASS GROUPS AND DIFFERENTIALS

\*Base Class

| <u>CLASS GROUP 30</u> |        | <u>CLASS GROUP 31</u> |        | <u>CLASS GROUP 32</u> |        |       |       |
|-----------------------|--------|-----------------------|--------|-----------------------|--------|-------|-------|
| 91111                 | 1.07   | 91302                 | 2.47   | 90089                 | 2.69   | 94099 | 1.56  |
| 91127                 | 0.72   | 91315                 | 0.75   | 91125                 | 1.62   | 94225 | 5.49  |
| 91150                 | 0.68   | 91324                 | 1.67   | 91160                 | 0.65   | 94276 | 2.86  |
| 91155                 | 1.51   | 91340                 | 1.09   | 91175                 | 0.56   | 94404 | 2.71  |
| 91235                 | 0.83   | 91342                 | 1.00 * | 91177                 | 2.45   | 94569 | 1.83  |
| 91250                 | 1.25   | 91405                 | 1.27   | 91179                 | 2.46   | 94590 | 7.89  |
| 91555                 | 0.50   | 95625                 | 1.18   | 91190                 | 1.32   | 94617 | 2.49  |
| 92215                 | 1.19   | 96611                 | 0.25   | 91341                 | 2.81   | 95124 | 0.92  |
| 92451                 | 0.83   | 97047                 | 0.76   | 91343                 | 0.62   | 95233 | 1.97  |
| 92593                 | 10.90  | 97050                 | 0.59   | 91436                 | 3.18   | 95305 | 2.14  |
| 94304                 | 1.06   | 98305                 | 0.61   | 91481                 | 11.61  | 95310 | 5.11  |
| 94381                 | 1.99   | 98306                 | 1.57   | 91507                 | 1.71   | 95410 | 2.76  |
| 95647                 | 1.00 * | 98344                 | 0.17   | 91523                 | 26.37  | 95487 | 1.48  |
| 96053                 | 0.76   | 98405                 | 0.28   | 91547                 | 0.15   | 95620 | 1.20  |
| 97222                 | 0.55   | 98810                 | 0.86   | 91551                 | 0.93   | 96408 | 2.39  |
| 97223                 | 0.83   | 98813                 | 0.83   | 91562                 | 2.07   | 96409 | 2.21  |
| 98111                 | 0.21   | 99004                 | 0.69   | 91577                 | 7.41   | 96410 | 1.94  |
| 98164                 | 0.70   | 99600                 | 0.30   | 91590                 | 2.15   | 96702 | 2.75  |
| 98636                 | 1.02   | 99614                 | 0.67   | 91666                 | 0.58   | 96816 | 2.58  |
| 98806                 | 0.95   | 99777                 | 1.49   | 91746                 | 2.07   | 97111 | 3.30  |
| 98993                 | 1.95   | 99826                 | 0.17   | 91805                 | 0.13   | 97650 | 2.28  |
| 99505                 | 1.65   | 99952                 | 1.26   | 92053                 | 0.32   | 97653 | 1.95  |
| 99506                 | 2.03   | 99953                 | 1.36   | 92054                 | 0.11   | 97654 | 3.40  |
| 99507                 | 1.77   | 99954                 | 0.99   | 92055                 | 3.07   | 98003 | 0.61  |
| 99570                 | 0.95   | 99955                 | 1.24   | 92101                 | 4.80   | 98090 | 0.082 |
| 99571                 | 0.23   | 99975                 | 1.10   | 92102                 | 2.89   | 98091 | 0.089 |
| 99572                 | 0.45   |                       |        | 92338                 | 1.11   | 98092 | 0.27  |
| 99573                 | 0.43   |                       |        | 92446                 | 3.65   | 98257 | 0.92  |
| 99650                 | 0.45   |                       |        | 92447                 | 3.19   | 98304 | 3.41  |
| 99709                 | 1.11   |                       |        | 92453                 | 2.02   | 98307 | 1.08  |
| 99948                 | 2.35   |                       |        | 92478                 | 1.00 * | 98308 | 0.71  |
|                       |        |                       |        | 94007                 | 6.85   | 98413 | 8.98  |
|                       |        |                       |        |                       |        | 98414 | 8.22  |
|                       |        |                       |        |                       |        | 98415 | 1.08  |

## PREMISES/OPERATIONS (SUBLINE CODE 334)

## CLASS GROUPS AND DIFFERENTIALS

\*Base Class

CLASS GROUP 32

(cont'd)

|       |       |
|-------|-------|
| 98423 | 2.57  |
| 98424 | 4.36  |
| 98425 | 1.79  |
| 98426 | 1.58  |
| 98427 | 1.54  |
| 98449 | 2.21  |
| 98482 | 2.37  |
| 98483 | 3.50  |
| 98502 | 3.35  |
| 98555 | 1.56  |
| 98597 | 0.35  |
| 98598 | 0.12  |
| 98601 | 4.01  |
| 98624 | 0.63  |
| 98640 | 69.14 |
| 98677 | 10.90 |
| 98678 | 9.68  |
| 98699 | 3.15  |
| 98710 | 2.19  |
| 98805 | 2.86  |
| 98820 | 5.46  |
| 98884 | 1.42  |
| 98967 | 2.23  |
| 99003 | 1.06  |
| 99080 | 0.75  |
| 99111 | 1.09  |
| 99163 | 2.60  |
| 99165 | 0.57  |
| 99223 | 0.16  |
| 99303 | 8.72  |
| 99310 | 2.18  |
| 99315 | 6.41  |

99321 6.22

99613 5.51

99620 0.30

99718 0.88

99746 1.49

99760 0.17

99793 1.89

99827 0.27

99851 1.10

99917 1.78

99938 2.00

99943 5.80

99946 4.32

99963 0.43

CLASS GROUP 33

91130 0.28

91135 0.08

91200 0.16

91265 3.42

91266 1.81

91560 1.00 \*

91580 1.32

91606 2.74

91629 0.56

91636 0.96

91641 0.26

91722 0.84

92445 0.55

92663 0.13

95306 1.10

95357 0.28

95455 1.16

95505 0.54

96317 0.29

96872 1.03

97220 0.075

97308 0.14

97447 0.46

97651 1.36

97652 1.18

97655 1.05

98002 0.19

98152 0.64

98153 0.72

98154 0.85

98155 1.19

98157 0.76

98159 0.51

98160 1.08

98161 1.21

98163 1.27

98303 2.39

98309 1.20

98429 0.25

98658 1.23

98659 0.22

98705 1.74

98751 0.93

98914 0.15

98949 0.21

99220 0.33

99222 0.62

99471 0.15

99969 0.60

99988 0.53

CLASS GROUP 34

10036 2.70

10073 4.20

10075 31.17

10107 12.84

10255 1.00 \*

10256 3.66

10257 0.69

11039 3.65

11248 0.19

12014 0.41

12509 0.25

12510 3.17

12583 1.41

12651 4.11

12683 1.88

13201 3.63

13204 4.11

13205 1.58

13410 5.75

13412 1.94

13453 2.24

13454 2.62

13455 2.66

13590 1.98

13621 0.50

14279 1.91

14855 0.88

15062 0.79

15063 0.92

15188 1.39

15404 0.36

15405 0.53

## PREMISES/OPERATIONS (SUBLINE CODE 334)

## CLASS GROUPS AND DIFFERENTIALS

\*Base Class

| CLASS GROUP 34<br>(cont'd) |      | CLASS GROUP 35 |        | 59773          | 0.17  | 51741 | 5.38   |
|----------------------------|------|----------------|--------|----------------|-------|-------|--------|
| 15406                      | 1.35 | 51300          | 0.91   | 59774          | 0.14  | 51752 | 4.54   |
| 15488                      | 3.37 | 51305          | 0.91   | 59775          | 0.18  | 51796 | 1.96   |
| 15733                      | 0.88 | 51350          | 1.53   | 59889          | 0.56  | 51808 | 6.97   |
| 16009                      | 1.08 | 51351          | 1.37   |                |       | 51809 | 8.65   |
| 16588                      | 0.50 | 51352          | 1.88   | CLASS GROUP 36 |       | 51869 | 2.31   |
| 16604                      | 0.84 | 51355          | 1.28   | 50010          | 5.03  | 51877 | 13.01  |
| 16694                      | 1.66 | 51356          | 1.38   | 50012          | 1.86  | 51889 | 2.14   |
| 16819                      | 4.78 | 51575          | 0.41   | 50015          | 3.27  | 51896 | 1.00 * |
| 16820                      | 3.70 | 51666          | 0.65   | 50017          | 2.49  | 51919 | 2.16   |
| 16890                      | 0.56 | 51767          | 0.19   | 50019          | 1.33  | 51926 | 2.20   |
| 16891                      | 0.61 | 51777          | 0.66   | 50045          | 5.69  | 51927 | 1.19   |
| 16892                      | 1.11 | 51790          | 1.10   | 50047          | 0.64  | 51934 | 2.41   |
| 18506                      | 1.76 | 51833          | 0.99   | 51201          | 0.86  | 51941 | 2.19   |
| 18616                      | 1.34 | 51900          | 0.74   | 51205          | 2.62  | 51942 | 3.50   |
| 45380                      | 1.03 | 52315          | 0.86   | 51206          | 0.41  | 51956 | 9.45   |
| 45771                      | 1.57 | 52744          | 3.79   | 51240          | 10.34 | 51957 | 8.33   |
| 45819                      | 0.51 | 53374          | 1.00 * | 51241          | 30.72 | 51958 | 7.40   |
| 49239                      | 0.77 | 53375          | 0.53   | 51251          | 0.89  | 51959 | 7.58   |
| 51315                      | 0.50 | 53376          | 0.85   | 51252          | 3.12  | 51960 | 1.00   |
| 51357                      | 0.71 | 53377          | 0.87   | 51253          | 2.66  | 51970 | 4.35   |
| 51358                      | 1.71 | 53403          | 0.55   | 51254          | 0.83  | 51982 | 1.28   |
| 51359                      | 1.50 | 53565          | 0.64   | 51340          | 0.85  | 51986 | 5.03   |
| 59925                      | 1.54 | 55371          | 2.55   | 51370          | 10.10 | 51999 | 2.12   |
| 59926                      | 1.31 | 55802          | 0.66   | 51380          | 1.01  | 52002 | 1.86   |
| 59927                      | 0.88 | 56488          | 1.10   | 51500          | 1.91  | 52109 | 0.47   |
|                            |      | 56690          | 0.57   | 51550          | 2.36  | 52134 | 6.23   |
|                            |      | 57403          | 1.35   | 51551          | 0.82  | 52150 | 11.47  |
|                            |      | 58020          | 1.45   | 51552          | 1.42  | 52402 | 0.47   |
|                            |      | 58713          | 0.42   | 51553          | 2.53  | 52432 | 2.33   |
|                            |      | 59188          | 2.88   | 51554          | 0.24  | 52433 | 2.13   |
|                            |      | 59189          | 3.95   | 51576          | 4.54  | 52435 | 2.67   |
|                            |      | 59482          | 3.00   | 51600          | 3.09  | 52438 | 1.93   |
|                            |      | 59647          | 1.34   | 51613          | 2.04  | 52440 | 3.03   |
|                            |      |                |        |                |       | 52467 | 2.80   |

## PREMISES/OPERATIONS (SUBLINE CODE 334)

## CLASS GROUPS AND DIFFERENTIALS

\*Base Class

|                |       |       |       |       |       |       |
|----------------|-------|-------|-------|-------|-------|-------|
| CLASS GROUP 36 | 56041 | 1.78  | 58058 | 2.38  | 59725 | 1.87  |
| (cont'd)       | 56042 | 2.24  | 58095 | 3.35  | 59726 | 1.36  |
| 52469          | 56202 | 1.78  | 58096 | 4.45  | 59738 | 4.34  |
| 52505          | 56390 | 3.11  | 58302 | 1.20  | 59790 | 3.35  |
| 52581          | 56391 | 2.67  | 58397 | 6.97  | 59867 | 3.77  |
| 52619          | 56427 | 4.30  | 58503 | 1.86  | 59886 | 0.51  |
| 52911          | 56699 | 1.98  | 58532 | 2.40  | 59905 | 2.36  |
| 52967          | 56758 | 1.68  | 58559 | 0.49  | 59914 | 13.86 |
| 53001          | 56759 | 1.72  | 58560 | 1.18  | 59923 | 0.34  |
| 53077          | 56760 | 2.47  | 58575 | 1.52  | 59931 | 6.23  |
| 53095          | 56805 | 3.25  | 58627 | 4.88  | 59932 | 6.71  |
| 53096          | 56806 | 2.30  | 58682 | 4.34  | 59941 | 2.09  |
| 53121          | 56807 | 2.28  | 58737 | 3.15  | 59955 | 0.80  |
| 53271          | 56808 | 2.98  | 58757 | 10.62 | 59963 | 5.95  |
| 53631          | 56900 | 2.86  | 58759 | 1.31  | 59964 | 13.94 |
| 53632          | 56910 | 1.43  | 58802 | 1.49  | 59973 | 3.84  |
| 53731          | 56980 | 2.48  | 58822 | 4.10  | 59984 | 1.05  |
| 53732          | 57001 | 0.85  | 58903 | 0.94  | 59985 | 4.11  |
| 53733          | 57002 | 0.55  | 58904 | 0.72  | 59986 | 3.14  |
| 53907          | 57202 | 2.20  | 59005 | 1.78  | 59989 | 0.55  |
| 54077          | 57257 | 2.73  | 59057 | 13.18 |       |       |
| 55010          | 57401 | 1.55  | 59058 | 8.53  |       |       |
| 55011          | 57410 | 0.75  | 59257 | 0.48  |       |       |
| 55012          | 57572 | 0.44  | 59306 | 3.01  |       |       |
| 55214          | 57600 | 1.31  | 59481 | 8.09  |       |       |
| 55597          | 57625 | 11.52 | 59601 | 3.05  |       |       |
| 55647          | 57651 | 1.40  | 59660 | 5.61  |       |       |
| 55648          | 57798 | 0.71  | 59661 | 2.75  |       |       |
| 55649          | 57800 | 2.65  | 59693 | 0.46  |       |       |
| 55715          | 57913 | 3.43  | 59701 | 0.22  |       |       |
| 55716          | 57998 | 1.52  | 59713 | 5.02  |       |       |
| 55918          | 58010 | 3.53  | 59722 | 2.60  |       |       |
| 55919          | 58056 | 4.21  | 59723 | 0.98  |       |       |
| 56040          | 58057 | 2.65  | 59724 | 1.50  |       |       |

## PREMISES/OPERATIONS (SUBLINE CODE 334)

## CLASS GROUPS AND DIFFERENTIALS

\*Base Class

|                |       |        |       |      |       |      |
|----------------|-------|--------|-------|------|-------|------|
| CLASS GROUP 37 | 52076 | 1.47   | 57090 | 1.83 | 59904 | 0.52 |
| 48636          | 52137 | 0.48   | 57146 | 1.16 | 59915 | 1.73 |
| 50011          | 52341 | 0.30   | 57411 | 0.28 | 59917 | 0.32 |
| 50018          | 52342 | 0.87   | 57611 | 0.60 | 59947 | 0.52 |
| 51001          | 52343 | 0.53   | 57690 | 0.78 | 59970 | 0.70 |
| 51005          | 52401 | 1.64   | 57716 | 0.37 | 59975 | 0.98 |
| 51116          | 52547 | 1.42   | 57725 | 0.81 | 59977 | 0.56 |
| 51210          | 52767 | 1.30   | 57726 | 0.63 | 59988 | 0.25 |
| 51220          | 53147 | 0.22   | 57808 | 0.31 |       |      |
| 51221          | 53229 | 1.23   | 57809 | 0.32 |       |      |
| 51222          | 53333 | 1.21   | 57810 | 0.31 |       |      |
| 51224          | 53425 | 1.14   | 57871 | 0.37 |       |      |
| 51230          | 53803 | 2.72   | 57999 | 0.51 |       |      |
| 51250          | 55013 | 1.03   | 58009 | 0.51 |       |      |
| 51255          | 55426 | 1.25   | 58301 | 0.39 |       |      |
| 51330          | 55717 | 1.65   | 58663 | 2.57 |       |      |
| 51333          | 55718 | 1.60   | 58756 | 0.48 |       |      |
| 51400          | 56170 | 1.12   | 58813 | 1.18 |       |      |
| 51401          | 56171 | 0.55   | 58837 | 2.37 |       |      |
| 51625          | 56567 | 1.16   | 58840 | 0.71 |       |      |
| 51702          | 56650 | 3.55   | 58873 | 1.13 |       |      |
| 51703          | 56651 | 1.93   | 58922 | 1.88 |       |      |
| 51734          | 56652 | 1.38   | 59223 | 1.17 |       |      |
| 51850          | 56653 | 1.33   | 59378 | 0.76 |       |      |
| 51851          | 56654 | 0.68   | 59537 | 0.82 |       |      |
| 51852          | 56911 | 1.00 * | 59750 | 0.61 |       |      |
| 51853          | 56912 | 0.81   | 59751 | 0.22 |       |      |
| 51854          | 56913 | 0.66   | 59781 | 0.53 |       |      |
| 51855          | 56915 | 3.91   | 59782 | 0.79 |       |      |
| 51856          | 56916 | 3.53   | 59783 | 0.77 |       |      |
| 51857          | 56917 | 1.02   | 59784 | 0.59 |       |      |
| 51909          | 56918 | 0.49   | 59798 | 2.01 |       |      |
| 52075          | 56919 | 1.25   | 59806 | 1.44 |       |      |
|                | 56920 | 1.14   | 59892 | 0.77 |       |      |



PREMISES/OPERATIONS (SUBLINE CODE 334)  
CLASS GROUPS AND DIFFERENTIALS

\*Base Class

|                       |       |                       |       |       |       |     |
|-----------------------|-------|-----------------------|-------|-------|-------|-----|
| <u>CLASS GROUP 38</u> | 46622 | 10.69                 | 53905 | (a)   | 98158 | (a) |
| 10072                 | 4.39  | 47050                 | 1.00  | *     | 98162 | (a) |
| 10367                 | 3.88  | 47367                 | 0.25  |       | 98428 | (a) |
| 10368                 | 5.67  | 49005                 | 0.17  |       | 98430 | (a) |
| 11007                 | 1.65  | 49840                 | 1.03  |       | 98622 | (a) |
| 11201                 | 14.44 | 51516                 | 0.075 |       | 98623 | (a) |
| 11202                 | 4.27  | 51517                 | 0.085 |       | 98698 | (a) |
| 11206                 | 0.67  | 51985                 | 0.070 |       | 98871 | (a) |
| 11207                 | 8.46  | 52660                 | 0.089 |       | 99081 | (a) |
| 11208                 | 1.45  | 53734                 | 0.45  |       | 99082 | (a) |
| 11209                 | 6.81  | 54012                 | 0.045 |       | 99083 | (a) |
| 11210                 | 2.90  | 57997                 | 0.10  |       | 99084 | (a) |
| 11211                 | 15.07 | 58408                 | 0.059 |       | 99085 | (a) |
| 11212                 | 2.28  | 58409                 | 0.075 |       | 99160 | (a) |
| 11213                 | 1.86  | 58456                 | 0.040 |       | 99221 | (a) |
| 11214                 | 4.58  | 58457                 | 0.058 |       | 99445 | (a) |
| 11222                 | 0.077 | 58458                 | 0.075 |       | 99798 | (a) |
| 14405                 | 0.97  | 58459                 | 0.09  |       | 99803 | (a) |
| 15070                 | 0.13  | <u>CLASS GROUP 39</u> |       |       | 99986 | (a) |
| 15607                 | 0.17  | 11205                 | (a)   |       | 99987 | (a) |
| 15699                 | 0.42  | 13206                 | (a)   |       |       |     |
| 16471                 | 0.24  | 13207                 | (a)   |       |       |     |
| 41620                 | 1.21  | 13411                 | (a)   |       |       |     |
| 41677                 | 0.25  | 15060                 | (a)   |       |       |     |
| 41696                 | 0.79  | 15061                 | (a)   |       |       |     |
| 41697                 | 0.55  | 18575                 | (a)   |       |       |     |
| 43470                 | 4.60  | 41675                 | (a)   |       |       |     |
| 43822                 | 3.66  | 41679                 | (a)   |       |       |     |
| 43840                 | 0.045 | 44010                 | (a)   |       |       |     |
| 43860                 | 2.88  | 51211                 | (a)   |       |       |     |
| 43889                 | 1.03  | 52876                 | (a)   |       |       |     |
| 44280                 | 0.25  | 53901                 | (a)   |       |       |     |
| 45678                 | 0.27  | 53902                 | (a)   |       |       |     |
|                       |       | 53903                 | (a)   |       |       |     |
|                       |       | 53904                 | (a)   |       |       |     |
|                       |       |                       |       | 53905 | (a)   |     |
|                       |       |                       |       | 53951 | (a)   |     |
|                       |       |                       |       | 53952 | (a)   |     |
|                       |       |                       |       | 53953 | (a)   |     |
|                       |       |                       |       | 54444 | (a)   |     |
|                       |       |                       |       | 55014 | (a)   |     |
|                       |       |                       |       | 55410 | (a)   |     |
|                       |       |                       |       | 58561 | (a)   |     |
|                       |       |                       |       | 59695 | (a)   |     |
|                       |       |                       |       | 91210 | (a)   |     |
|                       |       |                       |       | 91280 | (a)   |     |
|                       |       |                       |       | 91325 | (a)   |     |
|                       |       |                       |       | 91581 | (a)   |     |
|                       |       |                       |       | 91582 | (a)   |     |
|                       |       |                       |       | 91583 | (a)   |     |
|                       |       |                       |       | 91584 | (a)   |     |
|                       |       |                       |       | 91585 | (a)   |     |
|                       |       |                       |       | 91586 | (a)   |     |
|                       |       |                       |       | 91587 | (a)   |     |
|                       |       |                       |       | 91588 | (a)   |     |
|                       |       |                       |       | 91589 | (a)   |     |
|                       |       |                       |       | 91591 | (a)   |     |
|                       |       |                       |       | 91618 | (a)   |     |
|                       |       |                       |       | 94444 | (a)   |     |
|                       |       |                       |       | 94638 | (a)   |     |
|                       |       |                       |       | 95358 | (a)   |     |
|                       |       |                       |       | 95630 | (a)   |     |
|                       |       |                       |       | 95648 | (a)   |     |
|                       |       |                       |       | 96703 | (a)   |     |
|                       |       |                       |       | 96930 | (a)   |     |
|                       |       |                       |       | 97002 | (a)   |     |
|                       |       |                       |       | 97003 | (a)   |     |
|                       |       |                       |       | 97221 | (a)   |     |
|                       |       |                       |       | 98150 | (a)   |     |
|                       |       |                       |       | 98151 | (a)   |     |
|                       |       |                       |       | 98156 | (a)   |     |

MULTISTATE  
PRODUCTS  
CALCULATION OF AGGREGATE LOSS COSTS  
AT CURRENT LEVEL  
COMBINED SINGLE LIMIT

|               |               | \$100,000               |   |                 |   |                |               | TRENDED \$100,000         |
|---------------|---------------|-------------------------|---|-----------------|---|----------------|---------------|---------------------------|
|               | ACCIDENT      | BASIC LIMIT             |   | EXPOSURE        |   |                |               | BASIC LIMIT               |
| TYPE OF       | YEAR          | AGGREGATE LOSS COSTS    |   | DEVELOPMENT     |   | EXPOSURE       | AVERAGE       | AGGREGATE LOSS COSTS      |
| <u>POLICY</u> | <u>ENDING</u> | <u>AT CURRENT LEVEL</u> | X | <u>FACTOR +</u> | X | <u>TREND #</u> | <u>IPMF *</u> | = <u>AT CURRENT LEVEL</u> |
| MONOLINE      | 12/31/2018    | \$25,966,172            |   | 1.000           |   | 1.224          |               | \$31,782,595              |
|               | 12/31/2019    | \$27,008,011            |   | 1.000           |   | 1.209          |               | \$32,652,685              |
|               | 12/31/2020    | \$25,834,314            |   | 1.000           |   | 1.219          |               | \$31,492,029              |
|               | 12/31/2021    | \$26,608,219            |   | 1.001           |   | 1.155          |               | \$30,763,225              |
| MULTILINE     | 12/31/2018    | \$76,896,044            |   | 1.000           |   | 1.236          | 0.885         | \$84,113,507              |
|               | 12/31/2019    | \$78,679,564            |   | 1.000           |   | 1.220          | 0.885         | \$84,950,325              |
|               | 12/31/2020    | \$79,894,709            |   | 1.000           |   | 1.231          | 0.885         | \$87,040,092              |
|               | 12/31/2021    | \$80,967,227            |   | 1.001           |   | 1.162          | 0.885         | \$83,347,532              |
| TOTAL         | 12/31/2018    |                         |   |                 |   |                |               | \$115,896,102             |
|               | 12/31/2019    |                         |   |                 |   |                |               | \$117,603,010             |
|               | 12/31/2020    |                         |   |                 |   |                |               | \$118,532,121             |
|               | 12/31/2021    |                         |   |                 |   |                |               | \$114,110,757             |

+ THE DERIVATION OF THE EXPOSURE DEVELOPMENT FACTOR IS SHOWN IN SECTION C, EXHIBIT C11 - CALCULATION OF EXPOSURE DEVELOPMENT FACTORS.

# AGGREGATE LOSS COSTS AT CURRENT LEVEL HAVE BEEN TRENDED FROM AN AVERAGE DATE OF COVERAGE TO ONE YEAR BEYOND AN ASSUMED EFFECTIVE DATE OF 10/01/2023 BY AN EXPONENTIAL PROJECTION OF THE AVERAGE ANNUAL EXPOSURE TREND FACTOR. THE DERIVATION OF THIS EXPOSURE TREND FACTOR IS SHOWN IN SECTION C, EXHIBIT C14 - AVERAGE ANNUAL EXPOSURE TRENDS.

\* THE IMPLICIT PACKAGE MODIFICATION FACTORS APPLIED TO THE DATA FOR INDIVIDUAL PROGRAMS ARE SHOWN IN SECTION C, EXHIBIT C10 - IMPLICIT PACKAGE MODIFICATION FACTORS BY TYPE OF POLICY.

MULTISTATE  
PRODUCTS  
OCCURRENCE  
FULL COVERAGE  
CALCULATION OF INCURRED LOSSES

|               |               |            | \$100,000    | \$100,000 |             |             |   |          |   | \$100,000   |                |              |
|---------------|---------------|------------|--------------|-----------|-------------|-------------|---|----------|---|-------------|----------------|--------------|
|               |               | ACCIDENT   | BASIC LIMIT  |           | BASIC LIMIT | UNALLOCATED |   |          |   | BASIC LIMIT |                |              |
|               | LOSS          | YEAR       | LOSSES       |           | INDEMNITY   | LOSS        |   |          |   | DEVELOPED & |                |              |
| REPORT TYPE   | DESCRIPTION   | ENDING     | AND ALAE *   | X         | DEVELOPMENT | ADJUSTMENT  | X | SEVERITY | X | FREQUENCY   | TRENDED LOSSES |              |
|               |               |            |              |           | FACTOR      | FACTOR      | X | TREND    | X | TREND       | =              | AND ALAE     |
| BI            | B/L INDEMNITY | 12/31/2018 | \$14,791,845 |           | 1.044       | 1.075       |   | 1.203    |   | 0.910       |                | \$18,173,490 |
|               |               | 12/31/2019 | \$13,144,051 |           | 1.141       | 1.075       |   | 1.168    |   | 0.924       |                | \$17,399,556 |
|               |               | 12/31/2020 | \$8,929,563  |           | 1.517       | 1.075       |   | 1.134    |   | 0.938       |                | \$15,489,598 |
|               |               | 12/31/2021 | \$6,614,306  |           | 2.205       | 1.075       |   | 1.101    |   | 0.952       |                | \$16,433,331 |
| BI            | ALAE          | 12/31/2018 | \$20,429,793 |           |             | 1.075       |   | 1.203    |   | 0.910       |                | \$24,042,491 |
|               |               | 12/31/2019 | \$16,519,823 |           |             | 1.075       |   | 1.168    |   | 0.924       |                | \$19,165,876 |
|               |               | 12/31/2020 | \$17,290,714 |           |             | 1.075       |   | 1.134    |   | 0.938       |                | \$19,771,393 |
|               |               | 12/31/2021 | \$19,286,851 |           |             | 1.075       |   | 1.101    |   | 0.952       |                | \$21,731,718 |
| PD            | B/L INDEMNITY | 12/31/2018 | \$19,514,816 |           | 1.097       | 1.075       |   | 1.317    |   | 0.910       |                | \$27,580,791 |
|               |               | 12/31/2019 | \$19,180,317 |           | 1.152       | 1.075       |   | 1.260    |   | 0.924       |                | \$27,654,082 |
|               |               | 12/31/2020 | \$15,458,932 |           | 1.220       | 1.075       |   | 1.206    |   | 0.938       |                | \$22,934,957 |
|               |               | 12/31/2021 | \$14,016,337 |           | 1.417       | 1.075       |   | 1.154    |   | 0.952       |                | \$23,456,089 |
| PD            | ALAE          | 12/31/2018 | \$20,049,696 |           |             | 1.075       |   | 1.317    |   | 0.910       |                | \$25,831,131 |
|               |               | 12/31/2019 | \$24,065,191 |           |             | 1.075       |   | 1.260    |   | 0.924       |                | \$30,118,982 |
|               |               | 12/31/2020 | \$19,188,770 |           |             | 1.075       |   | 1.206    |   | 0.938       |                | \$23,334,890 |
|               |               | 12/31/2021 | \$19,759,292 |           |             | 1.075       |   | 1.154    |   | 0.952       |                | \$23,335,796 |
| TOTAL         |               |            |              |           |             |             |   |          |   |             |                |              |
| FULL COVERAGE |               | 12/31/2018 |              |           |             |             |   |          |   |             |                | \$95,627,903 |
|               |               | 12/31/2019 |              |           |             |             |   |          |   |             |                | \$94,338,496 |
|               |               | 12/31/2020 |              |           |             |             |   |          |   |             |                | \$81,530,838 |
|               |               | 12/31/2021 |              |           |             |             |   |          |   |             |                | \$84,956,934 |

\* Incurred indemnity losses are as reported. The ALAE have been developed, using the additive ALAE development procedure as explained in Explanatory Pages C-6 to C-8.

MULTISTATE  
PRODUCTS  
OCCURRENCE  
DED COVERAGE  
CALCULATION OF INCURRED LOSSES

| REPORT TYPE | LOSS DESCRIPTION | ACCIDENT YEAR ENDING | \$100,000          | \$100,000                         | UNALLOCATED     | SEVERITY TREND | FREQUENCY TREND | = | \$100,000                              |
|-------------|------------------|----------------------|--------------------|-----------------------------------|-----------------|----------------|-----------------|---|--|
|             |                  |                      | BASIC LIMIT LOSSES | BASIC LIMIT INDEMNITY DEVELOPMENT | LOSS ADJUSTMENT |                |                 |   | BASIC LIMIT DEVELOPED & TRENDED LOSSES |
|             |                  |                      | AND ALAE *         | X FACTOR                          | X FACTOR        |                |                 |   | AND ALAE                               |
| BI          | B/L INDEMNITY    | 12/31/2018           | \$1,722,141        | 0.999                             | 1.075           | 1.203          | 0.910           |   | \$2,024,649                            |
|             |                  | 12/31/2019           | \$1,694,403        | 1.115                             | 1.075           | 1.168          | 0.924           |   | \$2,191,870                            |
|             |                  | 12/31/2020           | \$1,523,762        | 1.381                             | 1.075           | 1.134          | 0.938           |   | \$2,406,219                            |
|             |                  | 12/31/2021           | \$334,369          | 2.113                             | 1.075           | 1.101          | 0.952           |   | \$796,083                              |
| BI          | ALAE             | 12/31/2018           | \$1,801,576        |                                   | 1.075           | 1.203          | 0.910           |   | \$2,120,157                            |
|             |                  | 12/31/2019           | \$2,885,010        |                                   | 1.075           | 1.168          | 0.924           |   | \$3,347,115                            |
|             |                  | 12/31/2020           | \$2,994,301        |                                   | 1.075           | 1.134          | 0.938           |   | \$3,423,890                            |
|             |                  | 12/31/2021           | \$813,873          |                                   | 1.075           | 1.101          | 0.952           |   | \$917,043                              |
| PD          | B/L INDEMNITY    | 12/31/2018           | \$3,887,650        | 1.086                             | 1.075           | 1.317          | 0.910           |   | \$5,439,420                            |
|             |                  | 12/31/2019           | \$2,943,978        | 1.138                             | 1.075           | 1.260          | 0.924           |   | \$4,193,028                            |
|             |                  | 12/31/2020           | \$2,576,406        | 1.266                             | 1.075           | 1.206          | 0.938           |   | \$3,966,492                            |
|             |                  | 12/31/2021           | \$2,362,601        | 1.485                             | 1.075           | 1.154          | 0.952           |   | \$4,143,507                            |
| PD          | ALAE             | 12/31/2018           | \$4,189,097        |                                   | 1.075           | 1.317          | 0.910           |   | \$5,397,045                            |
|             |                  | 12/31/2019           | \$3,537,563        |                                   | 1.075           | 1.260          | 0.924           |   | \$4,427,465                            |
|             |                  | 12/31/2020           | \$3,258,238        |                                   | 1.075           | 1.206          | 0.938           |   | \$3,962,246                            |
|             |                  | 12/31/2021           | \$3,271,696        |                                   | 1.075           | 1.154          | 0.952           |   | \$3,863,885                            |
|             | TOTAL            |                      |                    |                                   |                 |                |                 |   |  |
|             | DED COVERAGE     | 12/31/2018           |                    |                                   |                 |                |                 |   | \$14,981,271                           |
|             |                  | 12/31/2019           |                    |                                   |                 |                |                 |   | \$14,159,478                           |
|             |                  | 12/31/2020           |                    |                                   |                 |                |                 |   | \$13,758,847                           |
|             |                  | 12/31/2021           |                    |                                   |                 |                |                 |   | \$9,720,518                            |
|             | TOTAL            |                      |                    |                                   |                 |                |                 |   |  |
|             | OCCURRENCE       | 12/31/2018           |                    |                                   |                 |                |                 |   | \$110,609,175                          |
|             |                  | 12/31/2019           |                    |                                   |                 |                |                 |   | \$108,497,973                          |
|             |                  | 12/31/2020           |                    |                                   |                 |                |                 |   | \$95,289,686                           |
|             |                  | 12/31/2021           |                    |                                   |                 |                |                 |   | \$94,677,450                           |

\* Incurred indemnity losses are as reported. The ALAE have been developed, using the additive ALAE development procedure as explained in Explanatory Pages C-6 to C-8.

Multistate

Products

Subline Code 336

Combined Single Limit

## Implicit Package Modification Factors (A) by Type of Policy

| <u>Type of<br/>Policy (B)</u> | <u>Description</u>             | <u>Implicit Package<br/>Modification Factors</u> |
|-------------------------------|--------------------------------|--|
| 31                            | Not Applicable                 | --   |
| 32                            | Not Applicable                 | --   |
| 33                            | Not Applicable                 | --   |
| 34                            | Mercantile Policy              | 0.866  |
| 35                            | Not Applicable                 | --   |
| 36                            | Service Policy                 | 0.943  |
| 37                            | Industrial / Processing Policy | 0.894  |
| 38                            | Not Applicable                 | --   |

- (A) Implicit Package Modification Factors shown above reflect the package modifications currently in the ISO manual for Products for each type of package policy. More specifically, the G.L. and Property Implicit Package Modification Factors are calculated so that they average to the current manual CPP modification factors that apply to both property and liability.
- (B) Combined data for risks written under the ISO CPP Program and individual insurer CMP programs have been used. These Implicit Package Modification Factors were applied to the aggregate loss costs at current level in each accident year. The average implicit package modification factor for each accident year is shown in Section C, Exhibit C9, page 1 - Calculation of Aggregate Loss Costs at Current Level. The difference in average implicit package modification factor results from varying aggregate loss-costs-at-current-level distributions by Type of Policy in each year.

MULTISTATE  
PRODUCTS

COMBINED SINGLE LIMIT  
TOTAL LIMITS PREMIUM DEVELOPMENT  
SUBLINE 336  
FULL & DEDUCTIBLE  
ACCIDENT YEAR DATA

| Accident<br>Year Ending | 15 Months   | 27 Months   | 39 Months   | 51 Months   | 63 Months   | 75 Months   | 87 Months   | 99 Months   |
|-------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| 12/31/2014              | 298,608,423 | 305,088,881 | 304,925,005 | 304,869,240 | 304,790,479 | 304,784,361 | 304,784,361 | 304,789,633 |
| 12/31/2015              | 300,938,501 | 301,441,671 | 301,283,605 | 301,168,834 | 301,039,625 | 301,039,544 | 301,051,907 |             |
| 12/31/2016              | 288,974,297 | 288,835,427 | 288,742,154 | 288,801,232 | 288,808,066 | 288,807,509 |             |             |
| 12/31/2017              | 284,814,975 | 285,813,163 | 285,680,911 | 285,663,823 | 285,659,616 |             |             |             |
| 12/31/2018              | 282,137,338 | 282,148,950 | 282,142,514 | 282,118,366 |             |             |             |             |
| 12/31/2019              | 281,322,214 | 278,908,006 | 278,625,805 |             |             |             |             |             |
| 12/31/2020              | 263,834,142 | 267,765,823 |             |             |             |             |             |             |
| 12/31/2021              | 265,337,153 |             |             |             |             |             |             |             |

LINK RATIOS

| Accident<br>Year Ending | 27:15 | 39:27 | 51:39 | 63:51 | 75:63 | 87:75 | 99:87 |
|-------------------------|-------|-------|-------|-------|-------|-------|-------|
| 12/31/2014              | 1.022 | 0.999 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 |
| 12/31/2015              | 1.002 | 0.999 | 1.000 | 1.000 | 1.000 | 1.000 |       |
| 12/31/2016              | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 |       |       |
| 12/31/2017              | 1.004 | 1.000 | 1.000 | 1.000 |       |       |       |
| 12/31/2018              | 1.000 | 1.000 | 1.000 |       |       |       |       |
| 12/31/2019              | 0.991 | 0.999 |       |       |       |       |       |
| 12/31/2020              | 1.015 |       |       |       |       |       |       |

Average Best 3 of 5  
27:15      39:27  
 1.001      1.000

| Accident<br>Year Ending | Exposure Development From |              |               | Factor |
|-------------------------|---------------------------|--------------|---------------|--------|
|                         | <u>27:15</u>              | <u>39:27</u> | <u>ULT:39</u> |        |
| 12/31/2019              |                           |              | 1.000         | 1.000  |
| 12/31/2020              |                           | 1.000        | 1.000         | 1.000  |
| 12/31/2021              | 1.001                     | 1.000        | 1.000         | 1.001  |

Products (Subline Code 336)  
Full Coverage  
Multistate

Bodily Injury - Occurrence  
Incurred Accident Year Basic Limits Loss Development Excluding ALAE

| \$100,000 Basic Limit Losses as of : |                  |                  |                  |                  |                  |                  |                  |                  |                   |                   |                   |
|--------------------------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-------------------|-------------------|-------------------|
| <u>A.Y.E.</u>                        | <u>15 Months</u> | <u>27 Months</u> | <u>39 Months</u> | <u>51 Months</u> | <u>63 Months</u> | <u>75 Months</u> | <u>87 Months</u> | <u>99 Months</u> | <u>111 Months</u> | <u>123 Months</u> | <u>135 Months</u> |
| 12/31/2002                           | 5,952,658        | 9,485,738        | 12,898,811       | 15,106,280       | 14,361,805       | 13,883,154       | 13,532,060       | 13,294,129       | 13,287,107        | 13,282,823        | 13,455,941        |
| 12/31/2003                           | 6,341,709        | 10,788,722       | 13,924,749       | 14,582,854       | 13,861,865       | 13,161,163       | 12,872,189       | 13,369,986       | 13,744,056        | 13,913,370        | 13,860,349        |
| 12/31/2004                           | 6,518,015        | 10,016,261       | 13,268,391       | 14,955,500       | 14,482,934       | 13,493,813       | 13,581,623       | 13,459,810       | 13,815,174        | 13,907,574        | 13,929,896        |
| 12/31/2005                           | 8,226,606        | 9,745,270        | 12,757,104       | 12,482,400       | 12,743,062       | 12,639,435       | 12,503,061       | 12,756,647       | 12,534,119        | 12,532,004        | 12,458,047        |
| 12/31/2006                           | 7,567,857        | 11,862,120       | 15,431,999       | 15,405,006       | 15,029,966       | 15,191,067       | 15,074,033       | 15,325,338       | 15,581,110        | 15,513,859        | 15,264,331        |
| 12/31/2007                           | 8,687,933        | 13,385,858       | 16,626,265       | 17,371,058       | 17,375,909       | 17,328,149       | 16,791,399       | 16,782,227       | 16,561,819        | 16,455,069        | 16,582,552        |
| 12/31/2008                           | 8,910,500        | 13,119,328       | 15,806,054       | 16,435,338       | 18,203,507       | 16,871,101       | 16,648,977       | 16,590,220       | 16,625,679        | 16,707,368        | 16,910,744        |
| 12/31/2009                           | 10,069,695       | 12,832,885       | 15,450,154       | 15,954,490       | 15,717,011       | 15,759,184       | 15,584,189       | 15,599,964       | 15,607,232        | 15,836,825        | 16,137,775        |
| 12/31/2010                           | 10,551,953       | 14,681,125       | 16,369,039       | 16,810,452       | 16,902,711       | 15,561,121       | 15,361,419       | 15,372,108       | 15,393,152        | 15,270,928        | 15,369,936        |
| 12/31/2011                           | 8,099,760        | 11,154,652       | 14,379,383       | 14,654,453       | 14,061,111       | 13,927,430       | 13,719,355       | 13,979,640       | 14,439,551        | 14,325,958        | 14,268,556        |
| 12/31/2012                           | 7,844,968        | 11,586,650       | 15,528,810       | 16,022,605       | 16,207,934       | 15,879,137       | 15,793,128       | 16,405,184       | 16,173,476        | 16,197,498        |                   |
| 12/31/2013                           | 6,270,158        | 9,080,547        | 12,552,850       | 13,306,372       | 13,587,445       | 13,506,910       | 13,953,100       | 13,692,767       | 13,251,992        |                   |                   |
| 12/31/2014                           | 6,857,320        | 9,718,299        | 13,138,227       | 14,747,938       | 14,246,376       | 14,913,792       | 14,980,359       | 14,593,200       |                   |                   |                   |
| 12/31/2015                           | 6,511,604        | 8,780,589        | 11,459,951       | 12,600,356       | 12,426,638       | 12,386,132       | 12,645,191       |                  |                   |                   |                   |
| 12/31/2016                           | 5,650,455        | 8,178,690        | 10,921,585       | 11,799,331       | 12,194,335       | 12,410,483       |                  |                  |                   |                   |                   |
| 12/31/2017                           | 6,007,258        | 9,288,676        | 12,550,879       | 13,542,078       | 13,511,833       |                  |                  |                  |                   |                   |                   |
| 12/31/2018                           | 6,688,816        | 9,678,392        | 12,391,828       | 13,630,386       |                  |                  |                  |                  |                   |                   |                   |
| 12/31/2019                           | 5,716,271        | 8,381,952        | 11,633,851       |                  |                  |                  |                  |                  |                   |                   |                   |
| 12/31/2020                           | 5,939,930        | 8,329,221        |                  |                  |                  |                  |                  |                  |                   |                   |                   |
| 12/31/2021                           | 5,909,986        |                  |                  |                  |                  |                  |                  |                  |                   |                   |                   |

  

| <u>A.Y.E.</u> | <u>147 Months</u> | <u>159 Months</u> | <u>171 Months</u> | <u>183 Months</u> | <u>195 Months</u> | <u>207 Months</u> | <u>219 Months</u> | <u>231 Months</u> | <u>243 Months</u> |
|---------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| 12/31/2002    | 13,932,648        | 13,672,549        | 13,687,272        | 13,352,444        | 13,605,066        | 13,593,207        | 13,592,290        | 13,623,357        | 13,611,172        |
| 12/31/2003    | 13,908,038        | 13,992,050        | 13,776,057        | 13,813,926        | 13,946,799        | 13,919,993        | 13,989,604        | 13,979,706        |                   |
| 12/31/2004    | 13,794,956        | 13,679,100        | 13,851,260        | 13,904,419        | 13,795,746        | 13,767,694        | 13,774,837        |                   |                   |
| 12/31/2005    | 12,359,041        | 12,377,203        | 12,380,422        | 12,327,589        | 12,365,536        | 12,394,952        |                   |                   |                   |
| 12/31/2006    | 15,557,363        | 15,767,110        | 15,661,546        | 15,661,649        | 15,675,427        |                   |                   |                   |                   |
| 12/31/2007    | 16,559,578        | 17,026,067        | 17,288,024        | 17,424,849        |                   |                   |                   |                   |                   |
| 12/31/2008    | 16,938,015        | 16,936,365        | 16,960,060        |                   |                   |                   |                   |                   |                   |
| 12/31/2009    | 17,946,025        | 17,873,884        |                   |                   |                   |                   |                   |                   |                   |
| 12/31/2010    | 15,453,111        |                   |                   |                   |                   |                   |                   |                   |                   |

Products (Subline Code 336)  
Full Coverage  
Multistate

Bodily Injury - Occurrence  
Incurred Accident Year Basic Limits Loss Development Excluding ALAE

| Link Ratios      |                |                |                |                |                |                |                |                |                |                |                |
|------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| A.Y.E.           | <u>27:15</u>   | <u>39:27</u>   | <u>51:39</u>   | <u>63:51</u>   | <u>75:63</u>   | <u>87:75</u>   | <u>99:87</u>   | <u>111:99</u>  | <u>123:111</u> | <u>135:123</u> | <u>147:135</u> |
| 12/31/2002       | 1.594          | 1.360          | 1.171          | 0.951          | 0.967          | 0.975          | 0.982          | 0.999          | 1.000          | 1.013          | 1.035          |
| 12/31/2003       | 1.701          | 1.291          | 1.047          | 0.951          | 0.949          | 0.978          | 1.039          | 1.028          | 1.012          | 0.996          | 1.003          |
| 12/31/2004       | 1.537          | 1.325          | 1.127          | 0.968          | 0.932          | 1.007          | 0.991          | 1.026          | 1.007          | 1.002          | 0.990          |
| 12/31/2005       | 1.185          | 1.309          | 0.978          | 1.021          | 0.992          | 0.989          | 1.020          | 0.983          | 1.000          | 0.994          | 0.992          |
| 12/31/2006       | 1.567          | 1.301          | 0.998          | 0.976          | 1.011          | 0.992          | 1.017          | 1.017          | 0.996          | 0.984          | 1.019          |
| 12/31/2007       | 1.541          | 1.242          | 1.045          | 1.000          | 0.997          | 0.969          | 0.999          | 0.987          | 0.994          | 1.008          | 0.999          |
| 12/31/2008       | 1.472          | 1.205          | 1.040          | 1.108          | 0.927          | 0.987          | 0.996          | 1.002          | 1.005          | 1.012          | 1.002          |
| 12/31/2009       | 1.274          | 1.204          | 1.033          | 0.985          | 1.003          | 0.989          | 1.001          | 1.000          | 1.015          | 1.019          | 1.112          |
| 12/31/2010       | 1.391          | 1.115          | 1.027          | 1.005          | 0.921          | 0.987          | 1.001          | 1.001          | 0.992          | 1.006          | 1.005          |
| 12/31/2011       | 1.377          | 1.289          | 1.019          | 0.960          | 0.990          | 0.985          | 1.019          | 1.033          | 0.992          | 0.996          |                |
| 12/31/2012       | 1.477          | 1.340          | 1.032          | 1.012          | 0.980          | 0.995          | 1.039          | 0.986          | 1.001          |                |                |
| 12/31/2013       | 1.448          | 1.382          | 1.060          | 1.021          | 0.994          | 1.033          | 0.981          | 0.968          |                |                |                |
| 12/31/2014       | 1.417          | 1.352          | 1.123          | 0.966          | 1.047          | 1.004          | 0.974          |                |                |                |                |
| 12/31/2015       | 1.348          | 1.305          | 1.100          | 0.986          | 0.997          | 1.021          |                |                |                |                |                |
| 12/31/2016       | 1.447          | 1.335          | 1.080          | 1.033          | 1.018          |                |                |                |                |                |                |
| 12/31/2017       | 1.546          | 1.351          | 1.079          | 0.998          |                |                |                |                |                |                |                |
| 12/31/2018       | 1.447          | 1.280          | 1.100          |                |                |                |                |                |                |                |                |
| 12/31/2019       | 1.466          | 1.388          |                |                |                |                |                |                |                |                |                |
| 12/31/2020       | 1.402          |                |                |                |                |                |                |                |                |                |                |
| 3 Yr Mean        | 1.438          | 1.340          | 1.086          | 1.006          | 1.021          | 1.019          | 0.998          | 0.996          | 0.995          | 1.007          | 1.040          |
| Best 3/5         | 1.453          | 1.330          | 1.093          | 1.002          | 1.003          | 1.007          | 1.000          | 0.996          | 0.999          | 1.009          | 1.009          |
|                  |                |                |                |                |                |                |                |                |                |                |                |
| A.Y.E.           | <u>159:147</u> | <u>171:159</u> | <u>183:171</u> | <u>195:183</u> | <u>207:195</u> | <u>219:207</u> | <u>231:219</u> | <u>243:231</u> |                |                |                |
| 12/31/2002       | 0.981          | 1.001          | 0.976          | 1.019          | 0.999          | 1.000          | 1.002          | 0.999          |                |                |                |
| 12/31/2003       | 1.006          | 0.985          | 1.003          | 1.010          | 0.998          | 1.005          | 0.999          | <b>1.000</b>   |                |                |                |
| 12/31/2004       | 0.992          | 1.013          | 1.004          | 0.992          | 0.998          | 1.001          | <b>1.000</b>   | <b>1.000</b>   |                |                |                |
| 12/31/2005       | 1.001          | 1.000          | 0.996          | 1.003          | 1.002          | <b>1.000</b>   | <b>1.000</b>   | <b>1.000</b>   |                |                |                |
| 12/31/2006       | 1.013          | 0.993          | 1.000          | 1.001          | <b>1.005</b>   | <b>1.000</b>   | <b>1.000</b>   | <b>1.000</b>   |                |                |                |
| 12/31/2007       | 1.028          | 1.015          | 1.008          |                |                |                |                |                |                |                |                |
| 12/31/2008       | 1.000          | 1.001          |                |                |                |                |                |                |                |                |                |
| 12/31/2009       | 0.996          |                |                |                |                |                |                |                |                |                |                |
| 3 Yr Mean        | 1.008          | 1.003          | 1.001          | 0.999          | 0.999          | 1.002          | 1.001          | 0.999          |                |                |                |
| Best 3/5         | 1.005          | 1.005          | 1.002          | 1.005          | <b>1.000</b>   | <b>1.000</b>   | <b>1.000</b>   | <b>1.000</b>   |                |                |                |
|                  |                |                |                |                |                |                |                |                |                |                |                |
| Development From |                |                |                |                |                |                |                |                |                |                |                |
| A.Y.E.           | <u>15/ 27</u>  | <u>27/ 39</u>  | <u>39/ 51</u>  | <u>51/ 63</u>  | <u>63/ 75</u>  | <u>75/ 87</u>  | <u>87/ 99</u>  | <u>99/111</u>  | <u>111/123</u> | <u>123/135</u> | <u>135/147</u> |
| 12/31/2017       |                |                |                |                | 1.003          | 1.007          | 1.000          | 0.996          | 0.999          | 1.009          | 1.009          |
| 12/31/2018       |                |                |                | 1.002          | 1.003          | 1.007          | 1.000          | 0.996          | 0.999          | 1.009          | 1.009          |
| 12/31/2019       |                |                | 1.093          | 1.002          | 1.003          | 1.007          | 1.000          | 0.996          | 0.999          | 1.009          | 1.009          |
| 12/31/2020       |                | 1.330          | 1.093          | 1.002          | 1.003          | 1.007          | 1.000          | 0.996          | 0.999          | 1.009          | 1.009          |
| 12/31/2021       | 1.453          | 1.330          | 1.093          | 1.002          | 1.003          | 1.007          | 1.000          | 0.996          | 0.999          | 1.009          | 1.009          |
|                  |                |                |                |                |                |                |                |                |                |                |                |
| A.Y.E.           | <u>147/159</u> | <u>159/171</u> | <u>171/183</u> | <u>183/195</u> | <u>195/207</u> | <u>207/219</u> | <u>219/231</u> | <u>231/243</u> | <u>243/U1t</u> | FACTORS        |                |
| 12/31/2017       | 1.005          | 1.005          | 1.002          | 1.005          | 1.000          | 1.000          | 1.000          | 1.000          | <b>1.001</b>   | 1.042          |                |
| 12/31/2018       | 1.005          | 1.005          | 1.002          | 1.005          | 1.000          | 1.000          | 1.000          | 1.000          | <b>1.001</b>   | 1.044          |                |
| 12/31/2019       | 1.005          | 1.005          | 1.002          | 1.005          | 1.000          | 1.000          | 1.000          | 1.000          | <b>1.001</b>   | 1.141          |                |
| 12/31/2020       | 1.005          | 1.005          | 1.002          | 1.005          | 1.000          | 1.000          | 1.000          | 1.000          | <b>1.001</b>   | 1.517          |                |
| 12/31/2021       | 1.005          | 1.005          | 1.002          | 1.005          | 1.000          | 1.000          | 1.000          | 1.000          | <b>1.001</b>   | 2.205          |                |

**Bold - Calculated Using Modified Bondy Method**

*Italics - Three year mean Excludes Modified Bondy ratios*



Products (Subline Code 336)  
Deductible  
Multistate

Bodily Injury - Occurrence  
Incurred Accident Year Basic Limits Loss Development Excluding ALAE

| \$100,000 Basic Limit Losses as of : |                  |                  |                  |                  |                  |                  |                  |                  |                   |                   |                   |
|--------------------------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-------------------|-------------------|-------------------|
| <u>A.Y.E.</u>                        | <u>15 Months</u> | <u>27 Months</u> | <u>39 Months</u> | <u>51 Months</u> | <u>63 Months</u> | <u>75 Months</u> | <u>87 Months</u> | <u>99 Months</u> | <u>111 Months</u> | <u>123 Months</u> | <u>135 Months</u> |
| 12/31/2002                           | 465,959          | 1,076,039        | 1,424,613        | 1,360,201        | 1,521,919        | 1,518,152        | 1,587,827        | 1,415,878        | 1,388,951         | 1,391,346         | 1,389,001         |
| 12/31/2003                           | 620,302          | 894,883          | 929,391          | 1,305,077        | 1,044,436        | 1,025,899        | 1,145,348        | 1,137,016        | 1,139,491         | 1,145,240         | 1,147,351         |
| 12/31/2004                           | 1,181,639        | 1,400,348        | 1,754,772        | 1,809,306        | 1,753,184        | 1,716,724        | 1,679,745        | 1,665,412        | 1,664,795         | 1,666,259         | 1,666,463         |
| 12/31/2005                           | 697,007          | 942,190          | 1,630,077        | 1,653,828        | 1,034,807        | 1,039,841        | 1,079,591        | 1,010,750        | 909,614           | 905,848           | 910,348           |
| 12/31/2006                           | 988,492          | 1,576,135        | 1,795,300        | 1,683,440        | 1,393,816        | 1,325,572        | 1,255,321        | 1,302,769        | 1,206,795         | 1,211,295         | 1,239,196         |
| 12/31/2007                           | 1,677,933        | 2,209,357        | 2,040,519        | 2,210,984        | 2,276,204        | 1,906,657        | 1,913,756        | 2,024,133        | 2,028,533         | 2,053,533         | 2,063,808         |
| 12/31/2008                           | 1,027,737        | 1,428,206        | 1,739,211        | 1,786,623        | 1,890,342        | 1,940,969        | 2,056,483        | 2,024,750        | 1,947,251         | 1,934,901         | 1,932,675         |
| 12/31/2009                           | 883,134          | 952,454          | 1,123,768        | 1,157,574        | 1,383,088        | 1,529,629        | 1,474,390        | 1,469,391        | 1,561,617         | 1,559,390         | 1,559,790         |
| 12/31/2010                           | 931,000          | 1,647,016        | 1,545,739        | 1,721,861        | 1,805,798        | 1,903,705        | 1,857,036        | 1,759,260        | 2,248,179         | 1,894,127         | 1,859,127         |
| 12/31/2011                           | 1,175,263        | 1,626,051        | 1,890,388        | 1,607,420        | 1,583,449        | 1,588,198        | 1,686,199        | 1,693,297        | 1,663,197         | 1,664,197         | 1,664,197         |
| 12/31/2012                           | 949,103          | 1,244,396        | 1,616,416        | 1,385,158        | 1,259,306        | 1,481,241        | 1,401,815        | 1,338,520        | 1,328,520         | 1,328,522         |                   |
| 12/31/2013                           | 643,063          | 974,206          | 1,043,636        | 1,227,478        | 1,309,491        | 1,369,740        | 1,411,189        | 1,333,189        | 1,348,689         |                   |                   |
| 12/31/2014                           | 589,517          | 1,205,729        | 1,473,213        | 1,667,581        | 1,731,356        | 1,654,278        | 1,650,278        | 1,623,928        |                   |                   |                   |
| 12/31/2015                           | 874,996          | 1,192,265        | 1,195,836        | 1,374,347        | 1,620,466        | 1,600,268        | 1,614,268        |                  |                   |                   |                   |
| 12/31/2016                           | 962,177          | 1,034,064        | 1,285,332        | 1,372,036        | 1,244,743        | 1,193,070        |                  |                  |                   |                   |                   |
| 12/31/2017                           | 442,615          | 1,364,122        | 1,739,724        | 2,000,799        | 1,824,994        |                  |                  |                  |                   |                   |                   |
| 12/31/2018                           | 842,713          | 840,494          | 1,622,182        | 1,608,390        |                  |                  |                  |                  |                   |                   |                   |
| 12/31/2019                           | 1,197,487        | 1,347,924        | 1,617,732        |                  |                  |                  |                  |                  |                   |                   |                   |
| 12/31/2020                           | 562,074          | 1,343,068        |                  |                  |                  |                  |                  |                  |                   |                   |                   |
| 12/31/2021                           | 246,766          |                  |                  |                  |                  |                  |                  |                  |                   |                   |                   |

  

| <u>A.Y.E.</u> | <u>147 Months</u> | <u>159 Months</u> | <u>171 Months</u> | <u>183 Months</u> | <u>195 Months</u> | <u>207 Months</u> | <u>219 Months</u> | <u>231 Months</u> | <u>243 Months</u> |
|---------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| 12/31/2002    | 1,389,001         | 1,389,631         | 1,389,730         | 1,392,431         | 1,392,430         | 1,417,430         | 1,417,475         | 1,417,475         | 1,415,991         |
| 12/31/2003    | 1,147,367         | 1,147,466         | 1,150,167         | 1,150,166         | 1,150,166         | 1,150,211         | 1,150,211         | 1,153,311         |                   |
| 12/31/2004    | 1,665,566         | 1,668,267         | 1,668,266         | 1,668,266         | 1,669,211         | 1,672,952         | 1,671,952         |                   |                   |
| 12/31/2005    | 913,057           | 913,149           | 913,048           | 913,093           | 913,193           | 913,193           |                   |                   |                   |
| 12/31/2006    | 1,213,995         | 1,213,995         | 1,214,040         | 1,214,040         | 1,214,040         |                   |                   |                   |                   |
| 12/31/2007    | 2,081,033         | 2,091,078         | 2,046,078         | 2,046,078         |                   |                   |                   |                   |                   |
| 12/31/2008    | 1,932,975         | 1,933,975         | 1,933,975         |                   |                   |                   |                   |                   |                   |
| 12/31/2009    | 1,562,290         | 1,547,290         |                   |                   |                   |                   |                   |                   |                   |
| 12/31/2010    | 1,859,127         |                   |                   |                   |                   |                   |                   |                   |                   |

Products (Subline Code 336)  
Deductible  
Multistate

Bodily Injury - Occurrence  
Incurred Accident Year Basic Limits Loss Development Excluding ALAE

|               | Link Ratios    |                |                |                |                  |                |                |                |                |                |                |
|---------------|----------------|----------------|----------------|----------------|------------------|----------------|----------------|----------------|----------------|----------------|----------------|
| <u>A.Y.E.</u> | <u>27:15</u>   | <u>39:27</u>   | <u>51:39</u>   | <u>63:51</u>   | <u>75:63</u>     | <u>87:75</u>   | <u>99:87</u>   | <u>111:99</u>  | <u>123:111</u> | <u>135:123</u> | <u>147:135</u> |
| 12/31/2002    | 2.309          | 1.324          | 0.955          | 1.119          | 0.998            | 1.046          | 0.892          | 0.981          | 1.002          | 0.998          | 1.000          |
| 12/31/2003    | 1.443          | 1.039          | 1.404          | 0.800          | 0.982            | 1.046          | 0.993          | 1.002          | 1.005          | 1.002          | 1.000          |
| 12/31/2004    | 1.185          | 1.253          | 1.031          | 0.969          | 0.979            | 0.978          | 0.991          | 1.000          | 1.001          | 1.000          | 0.999          |
| 12/31/2005    | 1.352          | 1.730          | 1.015          | 0.626          | 1.005            | 1.046          | 0.936          | 0.900          | 0.996          | 1.005          | 1.003          |
| 12/31/2006    | 1.594          | 1.139          | 0.938          | 0.828          | 0.951            | 0.947          | 1.038          | 0.926          | 1.004          | 1.023          | 0.980          |
| 12/31/2007    | 1.317          | 0.924          | 1.084          | 1.029          | 0.838            | 1.004          | 1.058          | 1.002          | 1.012          | 1.005          | 1.008          |
| 12/31/2008    | 1.390          | 1.218          | 1.027          | 1.058          | 1.027            | 1.060          | 0.985          | 0.962          | 0.994          | 0.999          | 1.000          |
| 12/31/2009    | 1.078          | 1.180          | 1.030          | 1.195          | 1.106            | 0.964          | 0.997          | 1.063          | 0.999          | 1.000          | 1.002          |
| 12/31/2010    | 1.769          | 0.939          | 1.114          | 1.049          | 1.054            | 0.975          | 0.947          | 1.278          | 0.843          | 0.982          | 1.000          |
| 12/31/2011    | 1.384          | 1.163          | 0.850          | 0.985          | 1.003            | 1.062          | 1.004          | 0.982          | 1.001          | 1.000          |                |
| 12/31/2012    | 1.311          | 1.299          | 0.857          | 0.909          | 1.176            | 0.946          | 0.955          | 0.993          | 1.000          |                |                |
| 12/31/2013    | 1.515          | 1.071          | 1.176          | 1.067          | 1.046            | 1.030          | 0.945          | 1.012          |                |                |                |
| 12/31/2014    | 2.045          | 1.222          | 1.132          | 1.038          | 0.955            | 0.998          | 0.984          |                |                |                |                |
| 12/31/2015    | 1.363          | 1.003          | 1.149          | 1.179          | 0.988            | 1.009          |                |                |                |                |                |
| 12/31/2016    | 1.075          | 1.243          | 1.067          | 0.907          | 0.958            |                |                |                |                |                |                |
| 12/31/2017    | 3.082          | 1.275          | 1.150          | 0.912          |                  |                |                |                |                |                |                |
| 12/31/2018    | 0.997          | 1.930          | 0.991          |                |                  |                |                |                |                |                |                |
| 12/31/2019    | 1.126          | 1.200          |                |                |                  |                |                |                |                |                |                |
| 12/31/2020    | 2.389          |                |                |                |                  |                |                |                |                |                |                |
| 3 Yr Mean     | 1.504          | 1.468          | 1.069          | 0.999          | 0.967            | 1.012          | 0.961          | 0.996          | 0.948          | 0.994          | 1.001          |
| Best 3/5      | 1.530          | 1.239          | 1.116          | 1.006          | 0.997            | 1.012          | 0.962          | 1.023          | 0.998          | 1.000          | 1.001          |
| <u>A.Y.E.</u> | <u>159:147</u> | <u>171:159</u> | <u>183:171</u> | <u>195:183</u> | <u>207:195</u>   | <u>219:207</u> | <u>231:219</u> | <u>243:231</u> |                |                |                |
| 12/31/2002    | 1.000          | 1.000          | 1.002          | 1.000          | 1.018            | 1.000          | 1.000          | 0.999          |                |                |                |
| 12/31/2003    | 1.000          | 1.002          | 1.000          | 1.000          | 1.000            | 1.000          | 1.003          | <b>1.000</b>   |                |                |                |
| 12/31/2004    | 1.002          | 1.000          | 1.000          | 1.001          | 1.002            | 0.999          | <b>1.000</b>   | <b>1.000</b>   |                |                |                |
| 12/31/2005    | 1.000          | 1.000          | 1.000          | 1.000          | 1.000            | <b>1.001</b>   | <b>1.000</b>   | <b>1.000</b>   |                |                |                |
| 12/31/2006    | 1.000          | 1.000          | 1.000          | 1.000          | <b>1.000</b>     | <b>1.001</b>   | <b>1.000</b>   | <b>1.000</b>   |                |                |                |
| 12/31/2007    | 1.005          | 0.978          | 1.000          |                |                  |                |                |                |                |                |                |
| 12/31/2008    | 1.001          | 1.000          |                |                |                  |                |                |                |                |                |                |
| 12/31/2009    | 0.990          |                |                |                |                  |                |                |                |                |                |                |
| 3 Yr Mean     | 0.999          | 0.993          | 1.000          | 1.000          | 1.001            | 1.000          | 1.002          | 0.999          |                |                |                |
| Best 3/5      | 1.000          | 1.000          | 1.000          | 1.000          | <b>1.001</b>     | <b>1.000</b>   | <b>1.000</b>   | <b>1.000</b>   |                |                |                |
| <u>A.Y.E.</u> | <u>15/ 27</u>  | <u>27/ 39</u>  | <u>39/ 51</u>  | <u>51/ 63</u>  | Development From |                |                |                |                |                |                |
| 12/31/2017    |                |                |                |                | <u>63/ 75</u>    | <u>75/ 87</u>  | <u>87/ 99</u>  | <u>99/111</u>  | <u>111/123</u> | <u>123/135</u> | <u>135/147</u> |
| 12/31/2018    |                |                |                | 1.006          | 0.997            | 1.012          | 0.962          | 1.023          | 0.998          | 1.000          | 1.001          |
| 12/31/2019    |                |                | 1.116          | 1.006          | 0.997            | 1.012          | 0.962          | 1.023          | 0.998          | 1.000          | 1.001          |
| 12/31/2020    |                | 1.239          | 1.116          | 1.006          | 0.997            | 1.012          | 0.962          | 1.023          | 0.998          | 1.000          | 1.001          |
| 12/31/2021    | 1.530          | 1.239          | 1.116          | 1.006          | 0.997            | 1.012          | 0.962          | 1.023          | 0.998          | 1.000          | 1.001          |
| <u>A.Y.E.</u> | <u>147/159</u> | <u>159/171</u> | <u>171/183</u> | <u>183/195</u> | <u>195/207</u>   | <u>207/219</u> | <u>219/231</u> | <u>231/243</u> | <u>243/U1t</u> | <u>FACTORS</u> |                |
| 12/31/2017    | 1.000          | 1.000          | 1.000          | 1.000          | 1.001            | 1.000          | 1.000          | 1.000          | <b>1.000</b>   | 0.993          |                |
| 12/31/2018    | 1.000          | 1.000          | 1.000          | 1.000          | 1.001            | 1.000          | 1.000          | 1.000          | <b>1.000</b>   | 0.999          |                |
| 12/31/2019    | 1.000          | 1.000          | 1.000          | 1.000          | 1.001            | 1.000          | 1.000          | 1.000          | <b>1.000</b>   | 1.115          |                |
| 12/31/2020    | 1.000          | 1.000          | 1.000          | 1.000          | 1.001            | 1.000          | 1.000          | 1.000          | <b>1.000</b>   | 1.381          |                |
| 12/31/2021    | 1.000          | 1.000          | 1.000          | 1.000          | 1.001            | 1.000          | 1.000          | 1.000          | <b>1.000</b>   | 2.113          |                |

**Bold - Calculated Using Modified Bondy Method**

*Italics - Three year mean Excludes Modified Bondy ratios*

Products (Subline Code 336)  
Full Coverage  
Multistate

Bodily Injury - Occurrence  
Incurred Accident Year ALAE Development

Allocated Expenses as of:

| <u>A.Y.E.</u> | <u>15 Months</u> | <u>27 Months</u> | <u>39 Months</u> | <u>51 Months</u> | <u>63 Months</u> | <u>75 Months</u> | <u>87 Months</u> | <u>99 Months</u> | <u>111 Months</u> | <u>123 Months</u> | <u>135 Months</u> |
|---------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-------------------|-------------------|-------------------|
| 12/31/2002    | 1,250,331        | 3,330,427        | 7,560,323        | 11,656,722       | 15,061,051       | 18,107,658       | 18,132,587       | 18,829,195       | 19,240,090        | 19,624,356        | 19,727,870        |
| 12/31/2003    | 1,262,397        | 4,028,927        | 8,326,918        | 13,983,187       | 18,480,923       | 20,434,222       | 21,108,279       | 22,561,469       | 22,287,335        | 23,368,314        | 24,451,618        |
| 12/31/2004    | 935,884          | 2,777,111        | 6,132,262        | 9,912,088        | 12,763,740       | 12,707,076       | 14,010,855       | 14,850,030       | 15,738,493        | 15,881,500        | 16,409,427        |
| 12/31/2005    | 1,487,945        | 3,034,016        | 5,517,680        | 7,556,532        | 9,846,720        | 10,996,091       | 11,062,352       | 11,406,200       | 11,614,279        | 11,975,748        | 11,908,847        |
| 12/31/2006    | 1,884,393        | 6,286,023        | 8,151,818        | 10,849,495       | 12,710,330       | 14,225,831       | 16,204,895       | 17,461,639       | 16,604,442        | 16,660,906        | 16,654,080        |
| 12/31/2007    | 2,237,342        | 6,042,975        | 9,126,797        | 12,389,835       | 15,242,942       | 16,912,066       | 18,035,230       | 18,241,648       | 18,366,780        | 22,693,339        | 22,700,562        |
| 12/31/2008    | 1,672,931        | 4,269,909        | 8,283,163        | 13,463,485       | 17,560,989       | 19,713,242       | 19,789,000       | 20,112,911       | 20,419,594        | 20,574,680        | 20,694,648        |
| 12/31/2009    | 3,064,369        | 5,305,779        | 9,517,963        | 12,134,386       | 14,441,289       | 15,477,954       | 15,536,460       | 15,784,087       | 15,799,221        | 15,921,836        | 16,122,938        |
| 12/31/2010    | 1,949,962        | 5,388,230        | 9,408,370        | 14,554,826       | 16,968,809       | 17,680,257       | 17,896,286       | 18,062,073       | 18,182,834        | 18,461,154        | 18,419,942        |
| 12/31/2011    | 2,211,103        | 5,120,742        | 9,315,456        | 12,758,847       | 14,438,552       | 15,928,699       | 17,021,746       | 17,031,093       | 17,558,597        | 17,715,289        | 18,032,446        |
| 12/31/2012    | 2,305,177        | 6,687,469        | 15,005,413       | 19,919,368       | 23,408,967       | 26,181,555       | 26,593,977       | 27,508,165       | 27,155,071        | 27,226,265        |                   |
| 12/31/2013    | 1,499,424        | 4,664,359        | 8,060,572        | 10,466,147       | 12,581,225       | 13,563,993       | 14,210,862       | 14,925,122       | 14,933,131        |                   |                   |
| 12/31/2014    | 1,453,663        | 4,056,225        | 7,714,252        | 11,599,884       | 14,493,407       | 15,733,313       | 16,918,997       | 17,106,928       |                   |                   |                   |
| 12/31/2015    | 2,004,925        | 3,924,160        | 7,049,468        | 10,972,326       | 13,744,726       | 16,577,697       | 17,263,061       |                  |                   |                   |                   |
| 12/31/2016    | 1,406,889        | 3,357,516        | 7,657,461        | 10,847,803       | 12,421,313       | 13,521,729       |                  |                  |                   |                   |                   |
| 12/31/2017    | 1,134,021        | 3,185,193        | 7,937,141        | 11,189,162       | 13,552,855       |                  |                  |                  |                   |                   |                   |
| 12/31/2018    | 2,093,523        | 5,290,082        | 9,250,543        | 12,516,127       |                  |                  |                  |                  |                   |                   |                   |
| 12/31/2019    | 1,015,965        | 3,074,635        | 5,772,463        |                  |                  |                  |                  |                  |                   |                   |                   |
| 12/31/2020    | 924,212          | 3,449,500        |                  |                  |                  |                  |                  |                  |                   |                   |                   |
| 12/31/2021    | 1,372,623        |                  |                  |                  |                  |                  |                  |                  |                   |                   |                   |

| <u>A.Y.E.</u> | <u>147 Months</u> | <u>159 Months</u> | <u>171 Months</u> | <u>183 Months</u> | <u>195 Months</u> | <u>207 Months</u> | <u>219 Months</u> | <u>231 Months</u> | <u>243 Months</u> |
|---------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| 12/31/2002    | 21,843,539        | 21,985,063        | 21,898,149        | 21,198,919        | 21,247,814        | 21,677,959        | 21,940,803        | 21,932,388        | 21,908,083        |
| 12/31/2003    | 24,450,994        | 24,759,719        | 23,773,909        | 23,931,308        | 23,965,460        | 24,027,424        | 24,066,649        | 24,061,252        |                   |
| 12/31/2004    | 16,636,438        | 17,281,085        | 17,404,244        | 17,661,700        | 17,553,692        | 17,710,550        | 17,738,910        |                   |                   |
| 12/31/2005    | 12,037,434        | 12,124,760        | 12,177,355        | 12,232,414        | 12,291,669        | 12,324,986        |                   |                   |                   |
| 12/31/2006    | 16,600,143        | 16,780,759        | 16,856,292        | 16,941,191        | 17,001,620        |                   |                   |                   |                   |
| 12/31/2007    | 22,801,743        | 23,217,459        | 23,748,527        | 23,642,364        |                   |                   |                   |                   |                   |
| 12/31/2008    | 20,922,658        | 21,255,025        | 21,616,657        |                   |                   |                   |                   |                   |                   |
| 12/31/2009    | 16,340,648        | 16,378,147        |                   |                   |                   |                   |                   |                   |                   |
| 12/31/2010    | 18,519,693        |                   |                   |                   |                   |                   |                   |                   |                   |

## Products (Subline Code 336)

Full Coverage  
MultistateBodily Injury - Occurrence  
Incurred Accident Year Incremental ALAE Development

| Increments |           |           |           |           |           |           |           |          |           |           |           |         |          |
|------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|----------|-----------|-----------|-----------|---------|----------|
| A.Y.E.     | 27:15     | 39:27     | 51:39     | 63:51     | 75:63     | 87:75     | 99:87     | 111:99   | 123:111   | 135:123   | 147:135   | 159:147 | 171:159  |
| 12/31/2002 | 2,080,096 | 4,229,896 | 4,096,399 | 3,404,329 | 3,046,607 | 24,929    | 696,608   | 410,895  | 384,266   | 103,514   | 2,115,669 | 141,524 | -86,914  |
| 12/31/2003 | 2,766,530 | 4,297,991 | 5,656,269 | 4,497,736 | 1,953,299 | 674,057   | 1,453,190 | -274,134 | 1,080,979 | 1,083,304 | -624      | 308,725 | -985,810 |
| 12/31/2004 | 1,841,227 | 3,355,151 | 3,779,826 | 2,851,652 | -56,664   | 1,303,779 | 839,175   | 888,463  | 143,007   | 527,927   | 227,011   | 644,647 | 123,159  |
| 12/31/2005 | 1,546,071 | 2,483,664 | 2,038,852 | 2,290,188 | 1,149,371 | 66,261    | 343,848   | 208,079  | 361,469   | -66,901   | 128,587   | 87,326  | 52,595   |
| 12/31/2006 | 4,401,630 | 1,865,795 | 2,697,677 | 1,860,835 | 1,515,501 | 1,979,064 | 1,256,744 | -857,197 | 56,464    | -6,826    | -53,937   | 180,616 | 75,533   |
| 12/31/2007 | 3,805,633 | 3,083,822 | 3,263,038 | 2,853,107 | 1,669,124 | 1,123,164 | 206,418   | 125,132  | 4,326,559 | 7,223     | 101,181   | 415,716 | 531,068  |
| 12/31/2008 | 2,596,978 | 4,013,254 | 5,180,322 | 4,097,504 | 2,152,253 | 75,758    | 323,911   | 306,683  | 155,086   | 119,968   | 228,010   | 332,367 | 361,632  |
| 12/31/2009 | 2,241,410 | 4,212,184 | 2,616,423 | 2,306,903 | 1,036,665 | 58,506    | 247,627   | 15,134   | 122,615   | 201,102   | 217,710   | 37,499  |          |
| 12/31/2010 | 3,438,268 | 4,020,140 | 5,146,456 | 2,413,983 | 711,448   | 216,029   | 165,787   | 120,761  | 278,320   | -41,212   | 99,751    |         |          |
| 12/31/2011 | 2,909,639 | 4,194,714 | 3,443,391 | 1,679,705 | 1,490,147 | 1,093,047 | 9,347     | 527,504  | 156,692   | 317,157   |           |         |          |
| 12/31/2012 | 4,382,292 | 8,317,944 | 4,913,955 | 3,489,599 | 2,772,588 | 412,422   | 914,188   | -353,094 | 71,194    |           |           |         |          |
| 12/31/2013 | 3,164,935 | 3,396,213 | 2,405,575 | 2,115,078 | 982,768   | 646,869   | 714,260   | 8,009    |           |           |           |         |          |
| 12/31/2014 | 2,602,562 | 3,658,027 | 3,885,632 | 2,893,523 | 1,239,906 | 1,185,684 | 187,931   |          |           |           |           |         |          |
| 12/31/2015 | 1,919,235 | 3,125,308 | 3,922,858 | 2,772,400 | 2,832,971 | 685,364   |           |          |           |           |           |         |          |
| 12/31/2016 | 1,950,627 | 4,299,945 | 3,190,342 | 1,573,510 | 1,100,416 |           |           |          |           |           |           |         |          |
| 12/31/2017 | 2,051,172 | 4,751,948 | 3,252,021 | 2,363,693 |           |           |           |          |           |           |           |         |          |
| 12/31/2018 | 3,196,559 | 3,960,461 | 3,265,584 |           |           |           |           |          |           |           |           |         |          |
| 12/31/2019 | 2,058,670 | 2,697,828 |           |           |           |           |           |          |           |           |           |         |          |
| 12/31/2020 | 2,525,288 |           |           |           |           |           |           |          |           |           |           |         |          |

| Incremental Percentages |        |        |        |        |         |        |        |         |         |         |         |         |         |
|-------------------------|--------|--------|--------|--------|---------|--------|--------|---------|---------|---------|---------|---------|---------|
| A.Y.E.                  | 27:15  | 39:27  | 51:39  | 63:51  | 75:63   | 87:75  | 99:87  | 111:99  | 123:111 | 135:123 | 147:135 | 159:147 | 171:159 |
| 12/31/2002              | 0.0768 | 0.1562 | 0.1513 | 0.1257 | 0.1125  | 0.0009 | 0.0257 | 0.0152  | 0.0142  | 0.0038  | 0.0781  | 0.0052  | -0.0032 |
| 12/31/2003              | 0.0989 | 0.1537 | 0.2022 | 0.1608 | 0.0698  | 0.0241 | 0.0520 | -0.0098 | 0.0386  | 0.0387  | 0.0000  | 0.0110  | -0.0352 |
| 12/31/2004              | 0.0758 | 0.1381 | 0.1556 | 0.1174 | -0.0023 | 0.0537 | 0.0346 | 0.0366  | 0.0059  | 0.0217  | 0.0093  | 0.0265  | 0.0051  |
| 12/31/2005              | 0.0547 | 0.0879 | 0.0721 | 0.0810 | 0.0407  | 0.0023 | 0.0122 | 0.0074  | 0.0128  | -0.0024 | 0.0045  | 0.0031  | 0.0019  |
| 12/31/2006              | 0.1399 | 0.0593 | 0.0857 | 0.0591 | 0.0482  | 0.0629 | 0.0399 | -0.0272 | 0.0018  | -0.0002 | -0.0017 | 0.0057  | 0.0024  |
| 12/31/2007              | 0.1058 | 0.0857 | 0.0907 | 0.0793 | 0.0464  | 0.0312 | 0.0057 | 0.0035  | 0.1203  | 0.0002  | 0.0028  | 0.0116  | 0.0148  |
| 12/31/2008              | 0.0803 | 0.1241 | 0.1602 | 0.1267 | 0.0666  | 0.0023 | 0.0100 | 0.0095  | 0.0048  | 0.0037  | 0.0071  | 0.0103  | 0.0112  |
| 12/31/2009              | 0.0627 | 0.1178 | 0.0732 | 0.0645 | 0.0290  | 0.0016 | 0.0069 | 0.0004  | 0.0034  | 0.0056  | 0.0061  | 0.0010  |         |
| 12/31/2010              | 0.1069 | 0.1250 | 0.1600 | 0.0751 | 0.0221  | 0.0067 | 0.0052 | 0.0038  | 0.0087  | -0.0013 | 0.0031  |         |         |
| 12/31/2011              | 0.1084 | 0.1562 | 0.1282 | 0.0626 | 0.0555  | 0.0407 | 0.0003 | 0.0196  | 0.0058  | 0.0118  |         |         |         |
| 12/31/2012              | 0.1343 | 0.2549 | 0.1506 | 0.1069 | 0.0850  | 0.0126 | 0.0280 | -0.0108 | 0.0022  |         |         |         |         |
| 12/31/2013              | 0.1196 | 0.1284 | 0.0909 | 0.0799 | 0.0371  | 0.0244 | 0.0270 | 0.0003  |         |         |         |         |         |
| 12/31/2014              | 0.0807 | 0.1134 | 0.1205 | 0.0897 | 0.0385  | 0.0368 | 0.0058 |         |         |         |         |         |         |
| 12/31/2015              | 0.0826 | 0.1345 | 0.1688 | 0.1193 | 0.1219  | 0.0295 |        |         |         |         |         |         |         |
| 12/31/2016              | 0.0739 | 0.1628 | 0.1208 | 0.0596 | 0.0417  |        |        |         |         |         |         |         |         |
| 12/31/2017              | 0.0686 | 0.1589 | 0.1087 | 0.0790 |         |        |        |         |         |         |         |         |         |
| 12/31/2018              | 0.1034 | 0.1282 | 0.1057 |        |         |        |        |         |         |         |         |         |         |
| 12/31/2019              | 0.0796 | 0.1044 |        |        |         |        |        |         |         |         |         |         |         |
| 12/31/2020              | 0.0953 |        |        |        |         |        |        |         |         |         |         |         |         |

|          |        |        |        |        |        |        |        |        |        |        |        |        |        |
|----------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Best 3/5 | 0.0829 | 0.1405 | 0.1167 | 0.0829 | 0.0551 | 0.0302 | 0.0127 | 0.0015 | 0.0047 | 0.0032 | 0.0040 | 0.0064 | 0.0062 |
|----------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|

Products (Subline Code 336)  
Full Coverage  
Multistate

Bodily Injury - Occurrence  
Incurred Accident Year ALAE Development

Link Ratios

| <u>A.Y.E.</u>             | <u>183:171</u> | <u>195:183</u> | <u>207:195</u> | <u>219:207</u> | <u>231:219</u> | <u>243:231</u> | <u>Ult:243</u> |
|---------------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| 12/31/2002                | 0.968          | 1.002          | 1.020          | 1.012          | 1.000          | 0.999          | <b>1.001</b>   |
| 12/31/2003                | 1.007          | 1.001          | 1.003          | 1.002          | 1.000          | <b>1.001</b>   | <b>1.001</b>   |
| 12/31/2004                | 1.015          | 0.994          | 1.009          | 1.002          | <b>1.003</b>   | <b>1.001</b>   | <b>1.001</b>   |
| 12/31/2005                | 1.005          | 1.005          | 1.003          | <b>1.005</b>   | <b>1.003</b>   | <b>1.001</b>   | <b>1.001</b>   |
| 12/31/2006                | 1.005          | 1.004          | <b>1.001</b>   | <b>1.005</b>   | <b>1.003</b>   | <b>1.001</b>   | <b>1.001</b>   |
| 12/31/2007                | 0.996          |                |                |                |                |                |                |
| Best 3/5                  | 1.006          | 1.002          | <b>1.005</b>   | <b>1.004</b>   | <b>1.002</b>   | <b>1.001</b>   | <b>1.001</b>   |
| 171 to Ultimate Factors : |                | 1.021          |                |                |                |                |                |

Cumulative Incremental Factors

| <u>Months-to-Ultimate</u> | <u>15</u> | <u>27</u>  | <u>39</u>  | <u>51</u>  | <u>63</u>  | <u>75</u>  | <u>87</u>  |
|---------------------------|-----------|------------|------------|------------|------------|------------|------------|
|                           | 0.547     | 0.464      | 0.324      | 0.207      | 0.124      | 0.069      | 0.039      |
| <u>Months-to-Ultimate</u> | <u>99</u> | <u>111</u> | <u>123</u> | <u>135</u> | <u>147</u> | <u>159</u> | <u>171</u> |
|                           | 0.026     | 0.025      | 0.020      | 0.017      | 0.013      | 0.006      | 0.000      |

| <u>A.Y.E.</u> | Reported<br>ALAE as of<br><u>3/31/2022</u> | \$500,000<br><u>Ultimate Indemnity</u> | ALAE<br><u>Factor</u> | Additional<br><u>ALAE</u> | ALAE at<br><u>171 Months</u> | 171-Ultimate<br><u>Factor</u> | Ultimate<br><u>ALAE</u> |
|---------------|--|--|-----------------------|---------------------------|------------------------------|-------------------------------|-------------------------|
| 12/31/2019    | 6,601,495                                  | 29,599,960                             | 0.324                 | 9,578,547                 | 16,180,042                   | 1.021                         | 16,519,823              |
| 12/31/2020    | 3,661,082                                  | 28,601,584                             | 0.464                 | 13,273,995                | 16,935,077                   | 1.021                         | 17,290,714              |
| 12/31/2021    | 1,461,429                                  | 31,862,392                             | 0.547                 | 17,428,728                | 18,890,157                   | 1.021                         | 19,286,851              |

**Bold - Calculated Using Modified Bondy Method**

Products (Subline Code 336)  
Full Coverage  
Multistate

Property Damage - Occurrence  
Incurred Accident Year Basic Limits Loss Development Excluding ALAE

\$100,000 Basic Limit Losses as of :

| <u>A.Y.E.</u> | <u>15 Months</u> | <u>27 Months</u> | <u>39 Months</u> | <u>51 Months</u> | <u>63 Months</u> | <u>75 Months</u> | <u>87 Months</u> | <u>99 Months</u> | <u>111 Months</u> | <u>123 Months</u> | <u>135 Months</u> |
|---------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-------------------|-------------------|-------------------|
| 12/31/2002    | 8,316,756        | 13,125,669       | 15,948,069       | 15,616,404       | 15,526,438       | 16,601,521       | 16,858,613       | 17,165,837       | 17,307,321        | 17,566,513        | 18,068,381        |
| 12/31/2003    | 8,841,646        | 10,545,542       | 12,707,130       | 13,971,055       | 15,147,551       | 16,387,125       | 16,751,807       | 17,288,834       | 17,932,482        | 18,233,867        | 18,319,550        |
| 12/31/2004    | 8,967,187        | 10,684,967       | 12,235,284       | 12,619,084       | 14,120,751       | 14,370,919       | 14,899,852       | 15,163,652       | 15,239,435        | 15,579,779        | 15,829,233        |
| 12/31/2005    | 10,759,439       | 12,827,432       | 12,948,259       | 13,662,792       | 14,075,665       | 14,868,305       | 14,721,601       | 15,783,187       | 15,678,711        | 16,366,417        | 16,537,783        |
| 12/31/2006    | 10,878,697       | 12,291,078       | 13,498,065       | 13,896,898       | 15,422,203       | 15,995,139       | 16,435,509       | 18,091,139       | 18,541,624        | 18,487,409        | 18,773,267        |
| 12/31/2007    | 14,127,133       | 16,464,538       | 17,575,248       | 17,720,054       | 18,869,963       | 19,553,894       | 20,748,423       | 21,356,919       | 21,603,943        | 22,446,291        | 22,984,331        |
| 12/31/2008    | 15,191,328       | 17,763,750       | 19,246,050       | 20,387,275       | 21,440,203       | 22,520,268       | 22,999,272       | 23,445,259       | 23,987,780        | 24,587,979        | 24,806,789        |
| 12/31/2009    | 18,051,538       | 20,790,918       | 22,484,695       | 22,479,367       | 22,727,736       | 23,687,484       | 23,416,848       | 24,215,336       | 24,668,433        | 24,460,656        | 24,777,400        |
| 12/31/2010    | 17,537,757       | 20,126,293       | 21,738,488       | 22,161,203       | 22,221,934       | 23,055,985       | 23,297,993       | 23,854,108       | 24,264,660        | 24,467,917        | 24,382,292        |
| 12/31/2011    | 14,574,371       | 16,501,332       | 17,335,646       | 18,628,459       | 19,068,361       | 19,703,794       | 20,058,592       | 20,691,262       | 21,042,103        | 21,164,486        | 21,290,707        |
| 12/31/2012    | 15,340,175       | 16,430,182       | 17,829,800       | 19,921,750       | 20,376,994       | 20,643,622       | 21,129,544       | 21,258,654       | 21,344,718        | 21,318,743        |                   |
| 12/31/2013    | 14,124,766       | 16,715,138       | 18,048,552       | 18,413,250       | 19,192,708       | 19,540,743       | 19,820,785       | 19,228,606       | 19,321,508        |                   |                   |
| 12/31/2014    | 12,909,568       | 14,816,527       | 16,429,944       | 16,350,022       | 16,878,308       | 16,938,225       | 17,156,177       | 17,167,334       |                   |                   |                   |
| 12/31/2015    | 13,232,666       | 15,208,831       | 15,113,520       | 16,347,321       | 16,477,163       | 16,209,763       | 16,313,300       |                  |                   |                   |                   |
| 12/31/2016    | 13,697,400       | 16,234,549       | 18,270,121       | 18,862,757       | 18,871,793       | 19,449,103       |                  |                  |                   |                   |                   |
| 12/31/2017    | 13,279,247       | 17,454,790       | 18,715,407       | 19,397,551       | 19,724,398       |                  |                  |                  |                   |                   |                   |
| 12/31/2018    | 12,739,062       | 14,785,300       | 15,946,773       | 17,513,065       |                  |                  |                  |                  |                   |                   |                   |
| 12/31/2019    | 15,029,506       | 16,878,399       | 17,323,455       |                  |                  |                  |                  |                  |                   |                   |                   |
| 12/31/2020    | 10,760,109       | 12,258,336       |                  |                  |                  |                  |                  |                  |                   |                   |                   |
| 12/31/2021    | 11,431,890       |                  |                  |                  |                  |                  |                  |                  |                   |                   |                   |

| <u>A.Y.E</u> | <u>147 Months</u> | <u>159 Months</u> | <u>171 Months</u> | <u>183 Months</u> | <u>195 Months</u> | <u>207 Months</u> | <u>219 Months</u> | <u>231 Months</u> | <u>243 Months</u> |
|--------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| 12/31/2002   | 18,112,671        | 18,151,654        | 18,262,376        | 18,347,573        | 18,388,262        | 18,330,250        | 18,341,750        | 18,402,300        | 18,450,300        |
| 12/31/2003   | 18,818,715        | 18,583,855        | 18,553,692        | 18,743,928        | 18,575,966        | 18,614,641        | 18,636,272        | 18,634,790        |                   |
| 12/31/2004   | 16,045,379        | 15,955,345        | 16,121,039        | 15,881,715        | 15,826,727        | 15,826,716        | 15,817,716        |                   |                   |
| 12/31/2005   | 16,675,222        | 16,568,681        | 16,864,971        | 16,666,189        | 16,684,365        | 16,757,027        |                   |                   |                   |
| 12/31/2006   | 18,840,203        | 19,189,778        | 19,149,261        | 19,111,752        | 19,169,464        |                   |                   |                   |                   |
| 12/31/2007   | 23,160,735        | 23,065,341        | 22,895,395        | 22,860,917        |                   |                   |                   |                   |                   |
| 12/31/2008   | 24,861,484        | 24,988,890        | 24,979,335        |                   |                   |                   |                   |                   |                   |
| 12/31/2009   | 25,140,553        | 25,176,204        |                   |                   |                   |                   |                   |                   |                   |
| 12/31/2010   | 24,466,522        |                   |                   |                   |                   |                   |                   |                   |                   |

Products (Subline Code 336)  
Full Coverage  
Multistate

Property Damage - Occurrence  
Incurred Accident Year Basic Limits Loss Development Excluding ALAE

| Link Ratios      |         |         |         |         |              |              |              |              |              |         |         |
|------------------|---------|---------|---------|---------|--------------|--------------|--------------|--------------|--------------|---------|---------|
| A.Y.E.           | 27:15   | 39:27   | 51:39   | 63:51   | 75:63        | 87:75        | 99:87        | 111:99       | 123:111      | 135:123 | 147:135 |
| 12/31/2002       | 1.578   | 1.215   | 0.979   | 0.994   | 1.069        | 1.015        | 1.018        | 1.008        | 1.015        | 1.029   | 1.002   |
| 12/31/2003       | 1.193   | 1.205   | 1.099   | 1.084   | 1.082        | 1.015        | 1.032        | 1.037        | 1.017        | 1.005   | 1.027   |
| 12/31/2004       | 1.192   | 1.145   | 1.031   | 1.119   | 1.018        | 1.037        | 1.018        | 1.005        | 1.022        | 1.016   | 1.014   |
| 12/31/2005       | 1.192   | 1.009   | 1.055   | 1.030   | 1.056        | 1.037        | 1.072        | 0.993        | 1.044        | 1.010   | 1.008   |
| 12/31/2006       | 1.130   | 1.098   | 1.030   | 1.110   | 1.037        | 1.028        | 1.101        | 1.025        | 0.997        | 1.015   | 1.004   |
| 12/31/2007       | 1.165   | 1.067   | 1.008   | 1.065   | 1.036        | 1.061        | 1.029        | 1.012        | 1.039        | 1.024   | 1.008   |
| 12/31/2008       | 1.169   | 1.083   | 1.059   | 1.052   | 1.050        | 1.021        | 1.019        | 1.023        | 1.025        | 1.009   | 1.002   |
| 12/31/2009       | 1.152   | 1.081   | 1.000   | 1.011   | 1.042        | 0.989        | 1.034        | 1.019        | 0.992        | 1.013   | 1.015   |
| 12/31/2010       | 1.148   | 1.080   | 1.019   | 1.003   | 1.038        | 1.010        | 1.024        | 1.017        | 1.008        | 0.997   | 1.003   |
| 12/31/2011       | 1.132   | 1.051   | 1.075   | 1.024   | 1.033        | 1.018        | 1.032        | 1.017        | 1.006        | 1.006   |         |
| 12/31/2012       | 1.071   | 1.085   | 1.117   | 1.023   | 1.013        | 1.024        | 1.006        | 1.004        | 0.999        |         |         |
| 12/31/2013       | 1.183   | 1.080   | 1.020   | 1.042   | 1.018        | 1.014        | 0.970        | 1.005        |              |         |         |
| 12/31/2014       | 1.148   | 1.109   | 0.995   | 1.032   | 1.004        | 1.013        | 1.001        |              |              |         |         |
| 12/31/2015       | 1.149   | 0.994   | 1.082   | 1.008   | 0.984        | 1.006        |              |              |              |         |         |
| 12/31/2016       | 1.185   | 1.125   | 1.032   | 1.000   | 1.031        |              |              |              |              |         |         |
| 12/31/2017       | 1.314   | 1.072   | 1.036   | 1.017   |              |              |              |              |              |         |         |
| 12/31/2018       | 1.161   | 1.079   | 1.098   |         |              |              |              |              |              |         |         |
| 12/31/2019       | 1.123   | 1.026   |         |         |              |              |              |              |              |         |         |
| 12/31/2020       | 1.139   |         |         |         |              |              |              |              |              |         |         |
| 3 Yr Mean        | 1.141   | 1.059   | 1.055   | 1.008   | 1.006        | 1.011        | 0.992        | 1.009        | 1.004        | 1.005   | 1.007   |
| Best 3/5         | 1.162   | 1.059   | 1.050   | 1.019   | 1.012        | 1.015        | 1.010        | 1.013        | 1.004        | 1.009   | 1.005   |
|                  |         |         |         |         |              |              |              |              |              |         |         |
| A.Y.E.           | 159:147 | 171:159 | 183:171 | 195:183 | 207:195      | 219:207      | 231:219      | 243:231      |              |         |         |
| 12/31/2002       | 1.002   | 1.006   | 1.005   | 1.002   | 0.997        | 1.001        | 1.003        | 1.003        |              |         |         |
| 12/31/2003       | 0.988   | 0.998   | 1.010   | 0.991   | 1.002        | 1.001        | 1.000        | <b>1.001</b> |              |         |         |
| 12/31/2004       | 0.994   | 1.010   | 0.985   | 0.997   | 1.000        | 0.999        | <b>1.001</b> | <b>1.001</b> |              |         |         |
| 12/31/2005       | 0.994   | 1.018   | 0.988   | 1.001   | 1.004        | <b>0.999</b> | <b>1.001</b> | <b>1.001</b> |              |         |         |
| 12/31/2006       | 1.019   | 0.998   | 0.998   | 1.003   | <b>1.000</b> | <b>1.001</b> | <b>1.001</b> | <b>1.001</b> |              |         |         |
| 12/31/2007       | 0.996   | 0.993   | 0.998   |         |              |              |              |              |              |         |         |
| 12/31/2008       | 1.005   | 1.000   |         |         |              |              |              |              |              |         |         |
| 12/31/2009       | 1.001   |         |         |         |              |              |              |              |              |         |         |
| 3 Yr Mean        | 1.001   | 0.997   | 0.995   | 1.000   | 1.002        | 1.000        | 1.002        | 1.003        |              |         |         |
| Best 3/5         | 1.001   | 1.003   | 0.995   | 1.000   | <b>1.001</b> | <b>1.001</b> | <b>1.001</b> | <b>1.001</b> |              |         |         |
|                  |         |         |         |         |              |              |              |              |              |         |         |
| Development From |         |         |         |         |              |              |              |              |              |         |         |
| A.Y.E.           | 15/ 27  | 27/ 39  | 39/ 51  | 51/ 63  | 63/ 75       | 75/ 87       | 87/ 99       | 99/111       | 111/123      | 123/135 | 135/147 |
| 12/31/2017       |         |         |         |         | 1.012        | 1.015        | 1.010        | 1.013        | 1.004        | 1.009   | 1.005   |
| 12/31/2018       |         |         |         | 1.019   | 1.012        | 1.015        | 1.010        | 1.013        | 1.004        | 1.009   | 1.005   |
| 12/31/2019       |         |         | 1.050   | 1.019   | 1.012        | 1.015        | 1.010        | 1.013        | 1.004        | 1.009   | 1.005   |
| 12/31/2020       |         | 1.059   | 1.050   | 1.019   | 1.012        | 1.015        | 1.010        | 1.013        | 1.004        | 1.009   | 1.005   |
| 12/31/2021       | 1.162   | 1.059   | 1.050   | 1.019   | 1.012        | 1.015        | 1.010        | 1.013        | 1.004        | 1.009   | 1.005   |
|                  |         |         |         |         |              |              |              |              |              |         |         |
| A.Y.E            | 147/159 | 159/171 | 171/183 | 183/195 | 195/207      | 207/219      | 219/231      | 231/243      | 243/U1t      | FACTORS |         |
| 12/31/2017       | 1.001   | 1.003   | 0.995   | 1.000   | 1.001        | 1.001        | 1.001        | 1.001        | <b>1.003</b> | 1.076   |         |
| 12/31/2018       | 1.001   | 1.003   | 0.995   | 1.000   | 1.001        | 1.001        | 1.001        | 1.001        | <b>1.003</b> | 1.097   |         |
| 12/31/2019       | 1.001   | 1.003   | 0.995   | 1.000   | 1.001        | 1.001        | 1.001        | 1.001        | <b>1.003</b> | 1.152   |         |
| 12/31/2020       | 1.001   | 1.003   | 0.995   | 1.000   | 1.001        | 1.001        | 1.001        | 1.001        | <b>1.003</b> | 1.220   |         |
| 12/31/2021       | 1.001   | 1.003   | 0.995   | 1.000   | 1.001        | 1.001        | 1.001        | 1.001        | <b>1.003</b> | 1.417   |         |

**Bold - Calculated Using Modified Bondy Method**

*Italics - Three year mean Excludes Modified Bondy ratios*

## Products (Subline Code 336)

Deductible

Multistate

## Property Damage - Occurrence

Incurred Accident Year Basic Limits Loss Development Excluding ALAE

| \$100,000 Basic Limit Losses as of : |                  |                  |                  |                  |                  |                  |                  |                  |                   |                   |                   |
|--------------------------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-------------------|-------------------|-------------------|
| A.Y.E.                               | <u>15 Months</u> | <u>27 Months</u> | <u>39 Months</u> | <u>51 Months</u> | <u>63 Months</u> | <u>75 Months</u> | <u>87 Months</u> | <u>99 Months</u> | <u>111 Months</u> | <u>123 Months</u> | <u>135 Months</u> |
| 12/31/2002                           | 779,522          | 1,297,829        | 1,509,515        | 1,797,321        | 2,284,574        | 2,427,744        | 2,520,769        | 2,557,851        | 3,068,634         | 3,063,925         | 3,102,903         |
| 12/31/2003                           | 884,822          | 893,503          | 858,478          | 1,070,723        | 1,116,224        | 1,261,991        | 1,612,523        | 1,623,598        | 1,653,160         | 1,815,518         | 2,028,837         |
| 12/31/2004                           | 636,464          | 1,018,050        | 1,355,037        | 1,117,719        | 936,650          | 988,398          | 973,949          | 949,478          | 1,027,127         | 1,124,465         | 1,149,658         |
| 12/31/2005                           | 1,043,004        | 2,056,424        | 2,102,754        | 2,280,856        | 2,205,516        | 2,096,792        | 2,458,711        | 2,469,401        | 2,544,276         | 2,469,593         | 2,424,785         |
| 12/31/2006                           | 2,157,680        | 3,325,586        | 3,846,705        | 3,586,332        | 3,510,469        | 3,624,915        | 4,062,769        | 4,134,052        | 4,260,751         | 4,365,700         | 4,399,784         |
| 12/31/2007                           | 2,861,906        | 2,755,158        | 2,663,045        | 2,752,183        | 2,969,282        | 3,005,633        | 2,999,864        | 3,251,040        | 3,367,015         | 3,382,925         | 3,503,461         |
| 12/31/2008                           | 2,281,840        | 2,319,125        | 2,872,871        | 2,889,883        | 2,683,559        | 2,741,865        | 2,918,757        | 3,006,896        | 3,017,092         | 2,937,305         | 3,044,304         |
| 12/31/2009                           | 3,155,722        | 3,137,127        | 2,782,174        | 2,841,749        | 3,034,094        | 3,254,704        | 3,163,657        | 3,317,265        | 3,338,514         | 3,525,894         | 3,589,263         |
| 12/31/2010                           | 1,791,607        | 2,605,459        | 2,630,270        | 2,423,140        | 2,368,407        | 2,406,937        | 2,423,036        | 2,359,720        | 2,409,733         | 2,644,633         | 2,524,471         |
| 12/31/2011                           | 2,967,922        | 3,011,397        | 2,842,381        | 2,848,078        | 3,075,949        | 2,945,205        | 2,906,868        | 2,906,391        | 2,911,367         | 2,926,366         | 2,995,366         |
| 12/31/2012                           | 2,311,873        | 2,456,093        | 2,598,834        | 2,506,719        | 2,644,251        | 2,422,017        | 2,460,372        | 2,493,028        | 2,472,403         | 2,471,978         |                   |
| 12/31/2013                           | 2,999,053        | 3,079,991        | 2,922,280        | 3,058,599        | 3,038,017        | 3,112,218        | 3,124,041        | 3,174,041        | 3,286,041         |                   |                   |
| 12/31/2014                           | 2,507,323        | 2,878,861        | 2,951,993        | 3,112,061        | 3,214,167        | 3,217,500        | 3,391,584        | 3,191,833        |                   |                   |                   |
| 12/31/2015                           | 2,282,600        | 2,138,292        | 2,623,972        | 2,670,733        | 2,758,798        | 2,802,792        | 2,690,775        |                  |                   |                   |                   |
| 12/31/2016                           | 2,080,627        | 2,386,885        | 2,185,247        | 2,342,053        | 2,467,750        | 2,370,399        |                  |                  |                   |                   |                   |
| 12/31/2017                           | 1,989,313        | 2,496,439        | 3,224,873        | 3,456,151        | 3,741,171        |                  |                  |                  |                   |                   |                   |
| 12/31/2018                           | 2,525,693        | 3,559,839        | 3,648,711        | 3,703,822        |                  |                  |                  |                  |                   |                   |                   |
| 12/31/2019                           | 2,217,180        | 2,255,583        | 2,442,130        |                  |                  |                  |                  |                  |                   |                   |                   |
| 12/31/2020                           | 1,981,009        | 2,212,979        |                  |                  |                  |                  |                  |                  |                   |                   |                   |
| 12/31/2021                           | 2,340,027        |                  |                  |                  |                  |                  |                  |                  |                   |                   |                   |

  

| A.Y.E.     | <u>147 Months</u> | <u>159 Months</u> | <u>171 Months</u> | <u>183 Months</u> | <u>195 Months</u> | <u>207 Months</u> | <u>219 Months</u> | <u>231 Months</u> | <u>243 Months</u> |
|------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| 12/31/2002 | 2,833,076         | 2,798,285         | 2,747,185         | 2,737,185         | 2,739,519         | 2,737,683         | 2,737,583         | 2,722,583         | 2,722,583         |
| 12/31/2003 | 2,111,966         | 2,140,203         | 2,082,656         | 2,080,780         | 2,079,278         | 2,079,278         | 2,079,278         | 2,079,278         |                   |
| 12/31/2004 | 1,119,857         | 1,171,858         | 1,166,857         | 1,166,757         | 1,174,757         | 1,181,425         | 1,180,591         |                   |                   |
| 12/31/2005 | 2,434,785         | 2,473,149         | 2,488,649         | 2,449,649         | 2,449,649         | 2,449,649         |                   |                   |                   |
| 12/31/2006 | 4,438,499         | 4,421,096         | 4,313,712         | 4,315,211         | 4,313,802         |                   |                   |                   |                   |
| 12/31/2007 | 3,382,422         | 3,357,701         | 3,357,673         | 3,357,673         |                   |                   |                   |                   |                   |
| 12/31/2008 | 3,010,204         | 3,001,204         | 3,001,204         |                   |                   |                   |                   |                   |                   |
| 12/31/2009 | 3,608,683         | 3,637,984         |                   |                   |                   |                   |                   |                   |                   |
| 12/31/2010 | 2,521,223         |                   |                   |                   |                   |                   |                   |                   |                   |



Products (Subline Code 336)  
Deductible  
Multistate

Property Damage - Occurrence  
Incurred Accident Year Basic Limits Loss Development Excluding ALAE

|               | Link Ratios    |                |                |                |                  |                |                |                |                |                |                |
|---------------|----------------|----------------|----------------|----------------|------------------|----------------|----------------|----------------|----------------|----------------|----------------|
| <u>A.Y.E.</u> | <u>27:15</u>   | <u>39:27</u>   | <u>51:39</u>   | <u>63:51</u>   | <u>75:63</u>     | <u>87:75</u>   | <u>99:87</u>   | <u>111:99</u>  | <u>123:111</u> | <u>135:123</u> | <u>147:135</u> |
| 12/31/2002    | 1.665          | 1.163          | 1.191          | 1.271          | 1.063            | 1.038          | 1.015          | 1.200          | 0.998          | 1.013          | 0.913          |
| 12/31/2003    | 1.010          | 0.961          | 1.247          | 1.042          | 1.131            | 0.961          | 1.007          | 1.018          | 1.098          | 1.117          | 1.041          |
| 12/31/2004    | 1.600          | 1.331          | 0.825          | 0.838          | 1.055            | 0.985          | 0.975          | 1.082          | 1.095          | 1.022          | 0.974          |
| 12/31/2005    | 1.972          | 1.023          | 1.085          | 0.967          | 0.951            | 0.961          | 1.004          | 1.030          | 0.971          | 0.982          | 1.004          |
| 12/31/2006    | 1.541          | 1.157          | 0.932          | 0.979          | 1.033            | 1.121          | 1.018          | 1.031          | 1.025          | 1.008          | 1.009          |
| 12/31/2007    | 0.963          | 0.967          | 1.033          | 1.079          | 1.012            | 0.998          | 1.084          | 1.036          | 1.005          | 1.036          | 0.965          |
| 12/31/2008    | 1.016          | 1.239          | 1.006          | 0.929          | 1.022            | 1.065          | 1.030          | 1.003          | 0.974          | 1.036          | 0.989          |
| 12/31/2009    | 0.994          | 0.887          | 1.021          | 1.068          | 1.073            | 0.972          | 1.049          | 1.006          | 1.056          | 1.018          | 1.005          |
| 12/31/2010    | 1.454          | 1.010          | 0.921          | 0.977          | 1.016            | 1.007          | 0.974          | 1.021          | 1.097          | 0.955          | 0.999          |
| 12/31/2011    | 1.015          | 0.944          | 1.002          | 1.080          | 0.957            | 0.987          | 1.000          | 1.002          | 1.005          | 1.024          |                |
| 12/31/2012    | 1.062          | 1.058          | 0.965          | 1.055          | 0.916            | 1.016          | 1.013          | 0.992          | 1.000          |                |                |
| 12/31/2013    | 1.027          | 0.949          | 1.047          | 0.993          | 1.024            | 1.004          | 1.016          | 1.035          |                |                |                |
| 12/31/2014    | 1.148          | 1.025          | 1.054          | 1.033          | 1.001            | 1.054          | 0.941          |                |                |                |                |
| 12/31/2015    | 0.937          | 1.227          | 1.018          | 1.033          | 1.016            | 0.960          |                |                |                |                |                |
| 12/31/2016    | 1.147          | 0.916          | 1.072          | 1.054          | 0.961            |                |                |                |                |                |                |
| 12/31/2017    | 1.255          | 1.292          | 1.072          | 1.082          |                  |                |                |                |                |                |                |
| 12/31/2018    | 1.409          | 1.025          | 1.015          |                |                  |                |                |                |                |                |                |
| 12/31/2019    | 1.017          | 1.083          |                |                |                  |                |                |                |                |                |                |
| 12/31/2020    | 1.117          |                |                |                |                  |                |                |                |                |                |                |
| 3 Yr Mean     | 1.181          | 1.133          | 1.053          | 1.056          | 0.993            | 1.006          | 0.990          | 1.010          | 1.034          | 0.999          | 0.998          |
| Best 3/5      | 1.173          | 1.112          | 1.048          | 1.040          | 0.993            | 1.002          | 0.996          | 1.010          | 1.020          | 1.026          | 0.998          |
| <u>A.Y.E.</u> | <u>159:147</u> | <u>171:159</u> | <u>183:171</u> | <u>195:183</u> | <u>207:195</u>   | <u>219:207</u> | <u>231:219</u> | <u>243:231</u> |                |                |                |
| 12/31/2002    | 0.988          | 0.982          | 0.996          | 1.001          | 0.999            | 1.000          | 0.995          | 1.000          |                |                |                |
| 12/31/2003    | 1.013          | 0.973          | 0.999          | 0.999          | 1.000            | 1.000          | 1.000          | <b>1.000</b>   |                |                |                |
| 12/31/2004    | 1.046          | 0.996          | 1.000          | 1.007          | 1.006            | 0.999          | <b>1.000</b>   | <b>1.000</b>   |                |                |                |
| 12/31/2005    | 1.016          | 1.006          | 0.984          | 1.000          | 1.000            | <b>1.000</b>   | <b>1.000</b>   | <b>1.000</b>   |                |                |                |
| 12/31/2006    | 0.996          | 0.976          | 1.000          | 1.000          | <b>1.000</b>     | <b>1.000</b>   | <b>1.000</b>   | <b>1.000</b>   |                |                |                |
| 12/31/2007    | 0.993          | 1.000          | 1.000          |                |                  |                |                |                |                |                |                |
| 12/31/2008    | 0.997          | 1.000          |                |                |                  |                |                |                |                |                |                |
| 12/31/2009    | 1.008          |                |                |                |                  |                |                |                |                |                |                |
| 3 Yr Mean     | 0.999          | 0.992          | 0.995          | 1.002          | 1.002            | 1.000          | 0.998          | 1.000          |                |                |                |
| Best 3/5      | 1.000          | 0.999          | 1.000          | 1.000          | <b>1.000</b>     | <b>1.000</b>   | <b>1.000</b>   | <b>1.000</b>   |                |                |                |
| <u>A.Y.E.</u> | <u>15/ 27</u>  | <u>27/ 39</u>  | <u>39/ 51</u>  | <u>51/ 63</u>  | Development From |                |                |                |                |                |                |
|               |                |                |                |                | <u>63/ 75</u>    | <u>75/ 87</u>  | <u>87/ 99</u>  | <u>99/111</u>  | <u>111/123</u> | <u>123/135</u> | <u>135/147</u> |
| 12/31/2017    |                |                |                |                | 0.993            | 1.002          | 0.996          | 1.010          | 1.020          | 1.026          | 0.998          |
| 12/31/2018    |                |                |                | 1.040          | 0.993            | 1.002          | 0.996          | 1.010          | 1.020          | 1.026          | 0.998          |
| 12/31/2019    |                |                | 1.048          | 1.040          | 0.993            | 1.002          | 0.996          | 1.010          | 1.020          | 1.026          | 0.998          |
| 12/31/2020    |                | 1.112          | 1.048          | 1.040          | 0.993            | 1.002          | 0.996          | 1.010          | 1.020          | 1.026          | 0.998          |
| 12/31/2021    | 1.173          | 1.112          | 1.048          | 1.040          | 0.993            | 1.002          | 0.996          | 1.010          | 1.020          | 1.026          | 0.998          |
| <u>A.Y.E</u>  | <u>147/159</u> | <u>159/171</u> | <u>171/183</u> | <u>183/195</u> | <u>195/207</u>   | <u>207/219</u> | <u>219/231</u> | <u>231/243</u> | <u>243/U1t</u> |                | <u>FACTORS</u> |
| 12/31/2017    | 1.000          | 0.999          | 1.000          | 1.000          | 1.000            | 1.000          | 1.000          | 1.000          | <b>1.000</b>   |                | 1.044          |
| 12/31/2018    | 1.000          | 0.999          | 1.000          | 1.000          | 1.000            | 1.000          | 1.000          | 1.000          | <b>1.000</b>   |                | 1.086          |
| 12/31/2019    | 1.000          | 0.999          | 1.000          | 1.000          | 1.000            | 1.000          | 1.000          | 1.000          | <b>1.000</b>   |                | 1.138          |
| 12/31/2020    | 1.000          | 0.999          | 1.000          | 1.000          | 1.000            | 1.000          | 1.000          | 1.000          | <b>1.000</b>   |                | 1.266          |
| 12/31/2021    | 1.000          | 0.999          | 1.000          | 1.000          | 1.000            | 1.000          | 1.000          | 1.000          | <b>1.000</b>   |                | 1.485          |

**Bold - Calculated Using Modified Bondy Method**

*Italics - Three year mean Excludes Modified Bondy ratios*

## Products (Subline code 336)

Full Coverage

Multistate

## Property Damage - Occurrence

Incurred Accident Year ALAE Development

## Allocated Expenses as of:

| <u>A.Y.E.</u> | <u>15 Months</u> | <u>27 Months</u> | <u>39 Months</u> | <u>51 Months</u> | <u>63 Months</u> | <u>75 Months</u> | <u>87 Months</u> | <u>99 Months</u> | <u>111 Months</u> | <u>123 Months</u> | <u>135 Months</u> |
|---------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-------------------|-------------------|-------------------|
| 12/31/2002    | 1,027,253        | 2,809,279        | 5,639,560        | 7,294,475        | 9,280,653        | 10,489,654       | 11,058,497       | 12,988,080       | 12,333,508        | 12,585,603        | 13,081,851        |
| 12/31/2003    | 1,542,944        | 3,723,107        | 6,301,944        | 10,211,214       | 12,118,151       | 14,234,208       | 16,047,812       | 17,111,892       | 19,690,551        | 21,033,071        | 21,895,447        |
| 12/31/2004    | 1,199,092        | 2,733,768        | 5,544,855        | 7,863,831        | 9,971,581        | 12,257,536       | 13,998,874       | 14,613,793       | 16,002,150        | 17,096,214        | 17,766,593        |
| 12/31/2005    | 1,984,048        | 4,342,177        | 7,235,169        | 7,600,486        | 9,120,131        | 10,613,411       | 13,083,723       | 14,703,093       | 15,791,873        | 16,980,830        | 18,113,387        |
| 12/31/2006    | 1,504,980        | 3,500,278        | 6,735,893        | 9,591,045        | 11,707,784       | 13,763,000       | 14,517,783       | 16,847,769       | 19,657,420        | 20,265,103        | 21,090,009        |
| 12/31/2007    | 1,715,633        | 3,741,049        | 5,887,654        | 9,282,851        | 11,601,538       | 13,563,293       | 14,914,508       | 17,094,266       | 18,120,938        | 19,549,674        | 20,864,328        |
| 12/31/2008    | 1,634,264        | 4,501,092        | 8,277,280        | 11,512,994       | 14,492,533       | 16,926,433       | 18,058,843       | 19,018,208       | 19,583,627        | 20,529,576        | 21,199,532        |
| 12/31/2009    | 3,964,543        | 9,172,208        | 15,265,370       | 18,411,575       | 21,522,389       | 25,550,332       | 26,860,563       | 28,380,871       | 29,944,813        | 30,632,386        | 30,939,871        |
| 12/31/2010    | 2,343,168        | 5,346,406        | 10,122,645       | 14,461,304       | 17,848,686       | 19,582,851       | 21,159,232       | 21,756,926       | 22,143,924        | 22,521,029        | 22,870,979        |
| 12/31/2011    | 2,417,815        | 4,582,835        | 8,151,323        | 11,374,616       | 13,922,674       | 15,940,441       | 17,234,774       | 18,792,583       | 19,294,118        | 19,623,787        | 19,682,359        |
| 12/31/2012    | 2,964,959        | 7,123,272        | 11,711,052       | 18,257,581       | 20,435,686       | 22,840,175       | 26,931,271       | 32,693,509       | 37,570,940        | 40,991,292        |                   |
| 12/31/2013    | 2,864,649        | 5,929,919        | 9,020,512        | 12,480,798       | 14,858,341       | 16,764,562       | 20,068,960       | 20,501,312       | 21,081,866        |                   |                   |
| 12/31/2014    | 3,110,722        | 5,706,313        | 8,689,728        | 11,021,514       | 12,795,329       | 13,837,654       | 15,048,024       | 15,218,101       |                   |                   |                   |
| 12/31/2015    | 2,330,313        | 5,475,412        | 8,324,665        | 11,205,758       | 13,035,732       | 13,792,944       | 15,715,341       |                  |                   |                   |                   |
| 12/31/2016    | 4,181,652        | 9,904,621        | 16,337,365       | 19,224,650       | 22,917,607       | 26,559,963       |                  |                  |                   |                   |                   |
| 12/31/2017    | 2,939,055        | 5,230,320        | 8,721,965        | 11,714,805       | 14,356,376       |                  |                  |                  |                   |                   |                   |
| 12/31/2018    | 2,463,025        | 4,226,205        | 6,316,175        | 8,667,351        |                  |                  |                  |                  |                   |                   |                   |
| 12/31/2019    | 2,730,690        | 5,649,265        | 8,518,267        |                  |                  |                  |                  |                  |                   |                   |                   |
| 12/31/2020    | 2,054,697        | 3,947,392        |                  |                  |                  |                  |                  |                  |                   |                   |                   |
| 12/31/2021    | 2,735,238        |                  |                  |                  |                  |                  |                  |                  |                   |                   |                   |

| <u>A.Y.E.</u> | <u>147 Months</u> | <u>159 Months</u> | <u>171 Months</u> | <u>183 Months</u> | <u>195 Months</u> | <u>207 Months</u> | <u>219 Months</u> | <u>231 Months</u> | <u>243 Months</u> |
|---------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| 12/31/2002    | 13,400,438        | 13,670,088        | 13,883,818        | 13,971,516        | 14,004,321        | 14,004,170        | 14,052,359        | 14,092,561        | 14,127,561        |
| 12/31/2003    | 23,132,023        | 23,314,238        | 23,963,828        | 24,011,071        | 23,917,491        | 23,952,425        | 23,974,396        | 24,007,904        |                   |
| 12/31/2004    | 18,642,888        | 18,850,631        | 18,992,823        | 19,110,889        | 19,142,076        | 19,142,076        | 19,137,536        |                   |                   |
| 12/31/2005    | 19,115,121        | 20,269,901        | 20,587,471        | 20,448,062        | 20,445,000        | 20,468,581        |                   |                   |                   |
| 12/31/2006    | 21,297,290        | 21,850,555        | 22,017,939        | 22,155,404        | 22,239,112        |                   |                   |                   |                   |
| 12/31/2007    | 21,526,340        | 22,365,659        | 22,284,877        | 22,512,566        |                   |                   |                   |                   |                   |
| 12/31/2008    | 21,861,553        | 21,649,953        | 22,059,489        |                   |                   |                   |                   |                   |                   |
| 12/31/2009    | 31,448,166        | 32,014,238        |                   |                   |                   |                   |                   |                   |                   |
| 12/31/2010    | 23,641,971        |                   |                   |                   |                   |                   |                   |                   |                   |

## Products (Subline code 336)

Full Coverage  
MultistateProperty Damage - Occurrence  
Incurred Accident Year Incremental ALAE Development

| Increments |           |           |           |           |           |           |           |           |           |           |           |           |         |
|------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|---------|
| A.Y.E.     | 27:15     | 39:27     | 51:39     | 63:51     | 75:63     | 87:75     | 99:87     | 111:99    | 123:111   | 135:123   | 147:135   | 159:147   | 171:159 |
| 12/31/2002 | 1,782,026 | 2,830,281 | 1,654,915 | 1,986,178 | 1,209,001 | 568,843   | 1,929,583 | -654,572  | 252,095   | 496,248   | 318,587   | 269,650   | 213,730 |
| 12/31/2003 | 2,180,163 | 2,578,837 | 3,909,270 | 1,906,937 | 2,116,057 | 1,813,604 | 1,064,080 | 2,578,659 | 1,342,520 | 862,376   | 1,236,576 | 182,215   | 649,590 |
| 12/31/2004 | 1,534,676 | 2,811,087 | 2,318,976 | 2,107,750 | 2,285,955 | 1,741,338 | 614,919   | 1,388,357 | 1,094,064 | 670,379   | 876,295   | 207,743   | 142,192 |
| 12/31/2005 | 2,358,129 | 2,892,992 | 365,317   | 1,519,645 | 1,493,280 | 2,470,312 | 1,619,370 | 1,088,780 | 1,188,957 | 1,132,557 | 1,001,734 | 1,154,780 | 317,570 |
| 12/31/2006 | 1,995,298 | 3,235,615 | 2,855,152 | 2,116,739 | 2,055,216 | 754,783   | 2,329,986 | 2,809,651 | 607,683   | 824,906   | 207,281   | 553,265   | 167,384 |
| 12/31/2007 | 2,025,416 | 2,146,605 | 3,395,197 | 2,318,687 | 1,961,755 | 1,351,215 | 2,179,758 | 501,535   | 1,428,736 | 1,314,654 | 662,012   | 839,319   | -80,782 |
| 12/31/2008 | 2,866,828 | 3,776,188 | 3,235,714 | 2,979,539 | 2,433,900 | 1,132,410 | 959,365   | 565,419   | 945,949   | 669,956   | 662,021   | -211,600  | 409,536 |
| 12/31/2009 | 5,207,665 | 6,093,162 | 3,146,205 | 3,110,814 | 4,027,943 | 1,310,231 | 1,520,308 | 501,535   | 687,573   | 307,485   | 508,295   | 566,072   |         |
| 12/31/2010 | 3,003,238 | 4,776,239 | 4,338,659 | 3,387,382 | 1,734,165 | 1,576,381 | 597,694   | 386,998   | 377,105   | 349,950   | 770,992   |           |         |
| 12/31/2011 | 2,165,020 | 3,568,488 | 3,223,293 | 2,548,058 | 2,017,767 | 1,294,333 | 1,557,809 | 501,535   | 329,669   | 58,572    |           |           |         |
| 12/31/2012 | 4,158,313 | 4,587,780 | 6,546,529 | 2,178,105 | 2,404,489 | 4,091,096 | 5,762,238 | 4,877,431 | 3,420,352 |           |           |           |         |
| 12/31/2013 | 3,065,270 | 3,090,593 | 3,460,286 | 2,377,543 | 1,906,221 | 3,304,398 | 432,352   | 580,554   |           |           |           |           |         |
| 12/31/2014 | 2,595,591 | 2,983,415 | 2,331,786 | 1,773,815 | 1,042,325 | 1,210,370 | 170,077   |           |           |           |           |           |         |
| 12/31/2015 | 3,145,099 | 2,849,253 | 2,881,093 | 1,829,974 | 757,212   | 1,922,397 |           |           |           |           |           |           |         |
| 12/31/2016 | 5,722,969 | 6,432,744 | 2,887,285 | 3,692,957 | 3,642,356 |           |           |           |           |           |           |           |         |
| 12/31/2017 | 2,291,265 | 3,491,645 | 2,992,840 | 2,641,571 |           |           |           |           |           |           |           |           |         |
| 12/31/2018 | 1,763,180 | 2,089,970 | 2,351,176 |           |           |           |           |           |           |           |           |           |         |
| 12/31/2019 | 2,918,575 | 2,869,002 |           |           |           |           |           |           |           |           |           |           |         |
| 12/31/2020 | 1,892,695 |           |           |           |           |           |           |           |           |           |           |           |         |

| Incremental Percentages |        |        |        |        |        |        |        |         |         |         |         |         |         |
|-------------------------|--------|--------|--------|--------|--------|--------|--------|---------|---------|---------|---------|---------|---------|
| A.Y.E.                  | 27:15  | 39:27  | 51:39  | 63:51  | 75:63  | 87:75  | 99:87  | 111:99  | 123:111 | 135:123 | 147:135 | 159:147 | 171:159 |
| 12/31/2002              | 0.0681 | 0.1081 | 0.0632 | 0.0759 | 0.0462 | 0.0217 | 0.0737 | -0.0250 | 0.0096  | 0.0190  | 0.0122  | 0.0103  | 0.0082  |
| 12/31/2003              | 0.0765 | 0.0904 | 0.1371 | 0.0669 | 0.0742 | 0.0636 | 0.0373 | 0.0904  | 0.0471  | 0.0302  | 0.0434  | 0.0064  | 0.0228  |
| 12/31/2004              | 0.0703 | 0.1288 | 0.1062 | 0.0965 | 0.1047 | 0.0798 | 0.0282 | 0.0636  | 0.0501  | 0.0307  | 0.0401  | 0.0095  | 0.0065  |
| 12/31/2005              | 0.0993 | 0.1218 | 0.0154 | 0.0640 | 0.0629 | 0.1040 | 0.0682 | 0.0458  | 0.0500  | 0.0477  | 0.0422  | 0.0486  | 0.0134  |
| 12/31/2006              | 0.0678 | 0.1100 | 0.0971 | 0.0720 | 0.0699 | 0.0257 | 0.0792 | 0.0955  | 0.0207  | 0.0280  | 0.0070  | 0.0188  | 0.0057  |
| 12/31/2007              | 0.0607 | 0.0643 | 0.1017 | 0.0695 | 0.0588 | 0.0405 | 0.0653 | 0.0308  | 0.0428  | 0.0394  | 0.0198  | 0.0251  | -0.0024 |
| 12/31/2008              | 0.0743 | 0.0979 | 0.0839 | 0.0772 | 0.0631 | 0.0293 | 0.0249 | 0.0147  | 0.0245  | 0.0174  | 0.0172  | -0.0055 | 0.0106  |
| 12/31/2009              | 0.1300 | 0.1521 | 0.0786 | 0.0777 | 0.1006 | 0.0327 | 0.0380 | 0.0390  | 0.0172  | 0.0077  | 0.0127  | 0.0141  |         |
| 12/31/2010              | 0.0819 | 0.1302 | 0.1183 | 0.0923 | 0.0473 | 0.0430 | 0.0163 | 0.0105  | 0.0103  | 0.0095  | 0.0210  |         |         |
| 12/31/2011              | 0.0625 | 0.1030 | 0.0931 | 0.0736 | 0.0583 | 0.0374 | 0.0450 | 0.0145  | 0.0095  | 0.0017  |         |         |         |
| 12/31/2012              | 0.1119 | 0.1234 | 0.1761 | 0.0586 | 0.0647 | 0.1101 | 0.1550 | 0.1312  | 0.0920  |         |         |         |         |
| 12/31/2013              | 0.0970 | 0.0978 | 0.1094 | 0.0752 | 0.0603 | 0.1045 | 0.0137 | 0.0184  |         |         |         |         |         |
| 12/31/2014              | 0.0779 | 0.0895 | 0.0700 | 0.0532 | 0.0313 | 0.0363 | 0.0051 |         |         |         |         |         |         |
| 12/31/2015              | 0.1076 | 0.0975 | 0.0986 | 0.0626 | 0.0259 | 0.0658 |        |         |         |         |         |         |         |
| 12/31/2016              | 0.1597 | 0.1796 | 0.0806 | 0.1031 | 0.1017 |        |        |         |         |         |         |         |         |
| 12/31/2017              | 0.0565 | 0.0861 | 0.0738 | 0.0652 |        |        |        |         |         |         |         |         |         |
| 12/31/2018              | 0.0574 | 0.0680 | 0.0766 |        |        |        |        |         |         |         |         |         |         |
| 12/31/2019              | 0.0847 | 0.0833 |        |        |        |        |        |         |         |         |         |         |         |
| 12/31/2020              | 0.0815 |        |        |        |        |        |        |         |         |         |         |         |         |

|          |        |        |        |        |        |        |        |        |        |        |        |        |        |
|----------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Best 3/5 | 0.0745 | 0.0890 | 0.0770 | 0.0677 | 0.0521 | 0.0692 | 0.0250 | 0.0240 | 0.0173 | 0.0115 | 0.0166 | 0.0193 | 0.0076 |
|----------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|

Products (Subline code 336)  
Full Coverage  
Multistate

Property Damage - Occurrence  
Incurred Accident Year ALAE Development

Link Ratios

| <u>A.Y.E.</u>             | <u>183:171</u> | <u>195:183</u> | <u>207:195</u> | <u>219:207</u> | <u>231:219</u> | <u>243:231</u> | <u>Ult:243</u> |
|---------------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| 12/31/2002                | 1.006          | 1.002          | 1.000          | 1.003          | 1.003          | 1.002          | <b>1.000</b>   |
| 12/31/2003                | 1.002          | 0.996          | 1.001          | 1.001          | 1.001          | <b>1.000</b>   | <b>1.000</b>   |
| 12/31/2004                | 1.006          | 1.002          | 1.000          | 1.000          | <b>1.000</b>   | <b>1.000</b>   | <b>1.000</b>   |
| 12/31/2005                | 0.993          | 1.000          | 1.001          | <b>1.000</b>   | <b>1.000</b>   | <b>1.000</b>   | <b>1.000</b>   |
| 12/31/2006                | 1.006          | 1.004          | <b>1.000</b>   | <b>1.000</b>   | <b>1.000</b>   | <b>1.000</b>   | <b>1.000</b>   |
| 12/31/2007                | 1.010          |                |                |                |                |                |                |
| Best 3/5                  | 1.005          | 1.001          | <b>1.000</b>   | <b>1.000</b>   | <b>1.000</b>   | <b>1.000</b>   | <b>1.000</b>   |
| 171 to Ultimate Factors : |                | 1.006          |                |                |                |                |                |

|                           | Cumulative Incremental Factors |            |            |            |            |            |            |
|---------------------------|--------------------------------|------------|------------|------------|------------|------------|------------|
| <u>Months-to-Ultimate</u> | <u>15</u>                      | <u>27</u>  | <u>39</u>  | <u>51</u>  | <u>63</u>  | <u>75</u>  | <u>87</u>  |
|                           | 0.551                          | 0.476      | 0.387      | 0.310      | 0.243      | 0.191      | 0.121      |
| <u>Months-to-Ultimate</u> | <u>99</u>                      | <u>111</u> | <u>125</u> | <u>135</u> | <u>147</u> | <u>159</u> | <u>171</u> |
|                           | 0.096                          | 0.072      | 0.055      | 0.044      | 0.027      | 0.008      | 0.000      |

|               | Reported         |                           |               |             |                   |               |             |
|---------------|------------------|---------------------------|---------------|-------------|-------------------|---------------|-------------|
|               | ALAE as of       | \$500,000                 | ALAE          | Additional  | ALAE at           | 171-Ultimate  | Ultimate    |
| <u>A.Y.E.</u> | <u>3/31/2022</u> | <u>Ultimate Indemnity</u> | <u>Factor</u> | <u>ALAE</u> | <u>171 Months</u> | <u>Factor</u> | <u>ALAE</u> |
| 12/31/2019    | 9,332,458        | 37,668,998                | 0.387         | 14,589,203  | 23,921,661        | 1.006         | 24,065,191  |
| 12/31/2020    | 4,523,477        | 30,549,753                | 0.476         | 14,550,847  | 19,074,324        | 1.006         | 19,188,770  |
| 12/31/2021    | 3,067,077        | 30,091,443                | 0.551         | 16,574,367  | 19,641,444        | 1.006         | 19,759,292  |

**Bold - Calculated Using Modified Bondy Method**

Multistate Review of ULAE Experience  
General Liability Including CMP Liability  
Loss Adjustment Expense Special Call  
Calendar Years 2017 - 2021

| <u>Item *</u>  | <u>2017</u>                 | <u>2018</u>  | <u>2019</u>  | <u>2020</u>  | <u>2021</u>  | <u>2017 - 2021<br/>Mean</u> |
|--|-----------------------------|--------------|--------------|--------------|--------------|-----------------------------|
| 1. Direct Losses Incurred                                  | \$22,437,023                | \$26,433,273 | \$28,408,503 | \$31,348,554 | \$33,436,324 |                             |
| 2. Allocated Loss Adjustment<br>Expenses Incurred (ALAE)   | \$5,821,971                 | \$5,763,209  | \$5,748,713  | \$6,894,736  | \$6,089,871  |                             |
| 3. Unallocated Loss Adjustment<br>Expenses Incurred (ULAE) | \$2,275,795                 | \$2,265,882  | \$2,762,736  | \$2,488,525  | \$2,974,027  |                             |
| 4. Incurred Losses + ALAE<br>[(1) + (2)]                   | \$28,258,994                | \$32,196,482 | \$34,157,216 | \$38,243,290 | \$39,526,195 |                             |
|  | <u>Incurring Percentage</u> |              |              |              |              |                             |
| 5. Ratio of ULAE to<br>(Losses + ALAE)<br>[(3)/(4)]        | 8.1%                        | 7.0%         | 8.1%         | 6.5%         | 7.5%         | 7.4%                        |
| 6. Selected  | 7.5%                        |              |              |              |              |                             |

Notes: All dollar amounts are displayed in thousands.

\* Items (1) - (4) are from the special call submissions for available writers.

## PRODUCTS TREND SUMMARY

|     |  |                      |                        |
|-----|--|----------------------|------------------------|
| (1) | <u>EXPOSURE TREND</u>                  | <u>PRODUCTS</u>      |                        |
|     | Average Annual Percent Change          |                      |                        |
|     | a) 7/1/2019 to 7/1/2024 AYE 12/31/2019 | + 4.2%               |                        |
|     | b) 7/1/2020 to 7/1/2024 AYE 12/31/2020 | + 5.5%               |                        |
|     | c) 7/1/2021 to 7/1/2024 AYE 12/31/2021 | + 5.3%               |                        |
| (2) | <u>OCCURRENCE SEVERITY</u>             | <u>BODILY INJURY</u> | <u>PROPERTY DAMAGE</u> |
|     | a) Fitted                              |                      |                        |
|     | All Years                              | + 0.7%               | + 1.2%                 |
|     | Eight Years                            | - 1.5%               | + 2.7%                 |
|     | Six Years                              | - 4.3%               | - 0.7%                 |
|     | b) Selected                            | + 3.0%               | + 4.5%                 |
| (3) | <u>FREQUENCY TREND</u>                 |                      |                        |
|     | Selected                               | - 1.5%               |                        |

NOTE: The BI deductible trend is equal to the bodily injury trend. The PD deductible trend is equal to the property damage trend.

PRODUCTS  
AVERAGE ANNUAL EXPOSURE TRENDS  
FOR ACCIDENT YEARS ENDING 12/31/2019, 12/31/2020 & 12/31/2021

| (1)                         |   |  | (2)             |       |  | (1)              |    |  | (2)            |       |  |
|-----------------------------|---|--|-----------------|-------|--|------------------|----|--|----------------|-------|--|
| YEAR ENDING                 |   |  | PRODUCTS        |       |  | YEAR ENDING      |    |  | PRODUCTS       |       |  |
| <u>QUARTER *</u>            |   |  | CLASS GROUP     |       |  | <u>QUARTER *</u> |    |  | CLASS GROUP    |       |  |
|                             |   |  | SALES EXPOSURE  |       |  |                  |    |  | SALES EXPOSURE |       |  |
|                             |   |  | <u>INDICES</u>  |       |  |                  |    |  | <u>INDICES</u> |       |  |
| 2011                        | 1 |  |                 | 0.969 |  | 2018             | 1  |  |                | 1.042 |  |
|                             | 2 |  |                 | 0.974 |  |                  | 2  |  |                | 1.046 |  |
|                             | 3 |  |                 | 0.979 |  |                  | 3  |  |                | 1.050 |  |
|                             | 4 |  |                 | 0.982 |  |                  | 4  |  |                | 1.054 |  |
| 2012                        | 1 |  |                 | 0.987 |  | 2019             | 1  |  |                | 1.058 |  |
|                             | 2 |  |                 | 0.990 |  |                  | 2  |  |                | 1.061 |  |
|                             | 3 |  |                 | 0.995 |  |                  | 3  |  |                | 1.063 |  |
|                             | 4 |  |                 | 1.000 |  |                  | 4  |  |                | 1.065 |  |
| 2013                        | 1 |  |                 | 1.004 |  | 2020             | 1  |  |                | 1.066 |  |
|                             | 2 |  |                 | 1.007 |  |                  | 2  |  |                | 1.060 |  |
|                             | 3 |  |                 | 1.008 |  |                  | 3  |  |                | 1.059 |  |
|                             | 4 |  |                 | 1.010 |  |                  | 4  |  |                | 1.059 |  |
| 2014                        | 1 |  |                 | 1.012 |  | 2021             | 1  |  |                | 1.063 |  |
|                             | 2 |  |                 | 1.016 |  |                  | 2  |  |                | 1.079 |  |
|                             | 3 |  |                 | 1.019 |  |                  | 3  |  |                | 1.098 |  |
|                             | 4 |  |                 | 1.022 |  |                  | 4  |  |                | 1.122 |  |
| 2015                        | 1 |  |                 | 1.023 |  | 2022             | 1  |  |                | 1.154 |  |
|                             | 2 |  |                 | 1.026 |  |                  | 2  |  |                | 1.190 |  |
|                             | 3 |  |                 | 1.027 |  |                  | 3P |  |                | 1.223 |  |
|                             | 4 |  |                 | 1.029 |  |                  | 4P |  |                | 1.249 |  |
| 2016                        | 1 |  |                 | 1.030 |  | 2023             | 1P |  |                | 1.267 |  |
|                             | 2 |  |                 | 1.030 |  |                  | 2P |  |                | 1.276 |  |
|                             | 3 |  |                 | 1.029 |  |                  | 3P |  |                | 1.283 |  |
|                             | 4 |  |                 | 1.030 |  |                  | 4P |  |                | 1.289 |  |
| 2017                        | 1 |  |                 | 1.032 |  | 2024             | 1P |  |                | 1.295 |  |
|                             | 2 |  |                 | 1.034 |  |                  | 2P |  |                | 1.300 |  |
|                             | 3 |  |                 | 1.037 |  |                  | 3P |  |                | 1.305 |  |
|                             | 4 |  |                 | 1.040 |  |                  | 4P |  |                | 1.310 |  |
| CHANGE IN EXPOSURES         |   |  |                 |       |  | PRODUCTS         |    |  |                |       |  |
| 7/1/2019 to 7/1/2024        |   |  | (2024:4/2019:4) |       |  | 1.230            |    |  |                |       |  |
| 7/1/2020 to 7/1/2024        |   |  | (2024:4/2020:4) |       |  | 1.238            |    |  |                |       |  |
| 7/1/2021 to 7/1/2024        |   |  | (2024:4/2021:4) |       |  | 1.168            |    |  |                |       |  |
| AVERAGE ANNUAL TREND FACTOR |   |  |                 |       |  |                  |    |  |                |       |  |
| 7/1/2019 to 7/1/2024        |   |  | (5.0 YEARS)     |       |  | 1.042            |    |  |                |       |  |
| 7/1/2020 to 7/1/2024        |   |  | (4.0 YEARS)     |       |  | 1.055            |    |  |                |       |  |
| 7/1/2021 to 7/1/2024        |   |  | (3.0 YEARS)     |       |  | 1.053            |    |  |                |       |  |

\* Projected values are identified by a 'P' in column (1).

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OCCURRENCE SEVERITY TREND  
MULTISTATE  
PRODUCTS  
Calculation of Annual Trend Factor  
Based on Average Occurrence Severity  
Full Coverage Occurrence Data  
Monoline and Multiline Combined  
Bodily Injury

| (1)<br>Accident<br>Year<br>Ending     | (2)<br>Basic Limit<br>Paid<br>Losses * | (3)<br>Paid<br>Occurrences | (4)<br>(2)/(3)<br>Actual<br>Severity | (5)<br>Exponential<br>Curve of<br>Best Fit to Col (4) |          |          |
|---------------------------------------|--|----------------------------|--------------------------------------|---|----------|----------|
|                                       |  |                            |                                      | 10 Year   | 8 Year   | 6 Year   |
|                                       |  |                            |                                      |   |          |          |
| 12/31/2012                            | \$29,348,024                           | 901                        | \$32,573                             | \$32,921  |          |          |
| 12/31/2013                            | \$20,972,552                           | 773                        | \$27,127                             | \$33,168  |          |          |
| 12/31/2014                            | \$19,569,836                           | 575                        | \$34,059                             | \$33,417  | \$37,181 |          |
| 12/31/2015                            | \$17,815,071                           | 501                        | \$35,594                             | \$33,667  | \$36,611 |          |
| 12/31/2016                            | \$20,854,100                           | 540                        | \$38,588                             | \$33,920  | \$36,049 | \$39,435 |
| 12/31/2017                            | \$18,775,368                           | 509                        | \$36,907                             | \$34,174  | \$35,495 | \$37,750 |
| 12/31/2018                            | \$15,233,675                           | 431                        | \$35,331                             | \$34,430  | \$34,951 | \$36,138 |
| 12/31/2019                            | \$19,937,945                           | 471                        | \$42,373                             | \$34,689  | \$34,414 | \$34,594 |
| 12/31/2020                            | \$11,035,685                           | 383                        | \$28,820                             | \$34,949  | \$33,886 | \$33,117 |
| 12/31/2021                            | \$12,862,416                           | 405                        | \$31,798                             | \$35,211  | \$33,366 | \$31,702 |
| Goodness of Fit Statistic, R-Squared: |  |                            |                                      | 0.029   | 0.104    | 0.350    |
| Average Annual Severity Trend (10 yr) |  |                            |                                      | + 0.7%  |          |          |
| Average Annual Severity Trend ( 8 yr) |  |                            |                                      | - 1.5%  |          |          |
| Average Annual Severity Trend ( 6 yr) |  |                            |                                      | - 4.3%  |          |          |
| Selected Annual Severity Trend        |  |                            |                                      | + 3.0%  |          |          |

\* Including basic indemnity and allocated loss adjustment expense developed separately to an ultimate settlement basis.

NOTE: Trends are based on reported paid full coverage data developed to ultimate using paid development factors (See Explanatory Pages C-11 to C-12- Explanation of Trend Calculation).



OCCURRENCE SEVERITY TREND  
MULTISTATE  
PRODUCTS  
Calculation of Annual Trend Factor  
Based on Average Occurrence Severity  
Full Coverage Occurrence Data  
Monoline and Multiline Combined  
Property Damage

| (1)<br>Accident<br>Year<br>Ending     | (2)<br>Basic Limit<br>Paid<br>Losses * | (3)<br>Paid<br>Occurrences | (4)<br>(2)/(3)<br>Actual<br>Severity | (5)<br>Exponential<br>Curve of<br>Best Fit to Col (4) |          |          |
|---------------------------------------|--|----------------------------|--------------------------------------|---|----------|----------|
|                                       |  |                            |                                      | 10 Year   | 8 Year   | 6 Year   |
|                                       |  |                            |                                      |   |          |          |
| 12/31/2012                            | \$59,030,430                           | 1,126                      | \$52,425                             | \$45,641  |          |          |
| 12/31/2013                            | \$43,939,912                           | 977                        | \$44,957                             | \$46,185  |          |          |
| 12/31/2014                            | \$37,482,150                           | 915                        | \$40,980                             | \$46,736  | \$43,691 |          |
| 12/31/2015                            | \$35,418,952                           | 861                        | \$41,160                             | \$47,293  | \$44,892 |          |
| 12/31/2016                            | \$49,082,789                           | 894                        | \$54,902                             | \$47,857  | \$46,126 | \$51,475 |
| 12/31/2017                            | \$45,806,483                           | 860                        | \$53,278                             | \$48,428  | \$47,394 | \$51,130 |
| 12/31/2018                            | \$36,932,223                           | 865                        | \$42,721                             | \$49,005  | \$48,696 | \$50,788 |
| 12/31/2019                            | \$42,962,590                           | 842                        | \$51,046                             | \$49,589  | \$50,034 | \$50,448 |
| 12/31/2020                            | \$33,690,378                           | 667                        | \$50,532                             | \$50,181  | \$51,410 | \$50,110 |
| 12/31/2021                            | \$34,662,113                           | 664                        | \$52,179                             | \$50,779  | \$52,823 | \$49,775 |
| Goodness of Fit Statistic, R-Squared: |  |                            |                                      | 0.099   | 0.295    | 0.020    |
| Average Annual Severity Trend (10 yr) |  |                            |                                      | + 1.2%  |          |          |
| Average Annual Severity Trend ( 8 yr) |  |                            |                                      | + 2.7%  |          |          |
| Average Annual Severity Trend ( 6 yr) |  |                            |                                      | - 0.7%  |          |          |
| Selected Annual Severity Trend        |  |                            |                                      | + 4.5%  |          |          |

\* Including basic indemnity and allocated loss adjustment expense developed separately to an ultimate settlement basis.

NOTE: Trends are based on reported paid full coverage data developed to ultimate using paid development factors (See Explanatory Pages C-11 to C-12 - Explanation of Trend Calculation).

## PRODUCTS

FREQUENCY TREND  
MULTISTATE

Manual Classes (Full and Deductible Coverage)  
 Monoline and Multiline Combined  
 CGL Policies Only

Bodily Injury and Property Damage Combined

| (1)<br>Accident<br>Year<br>Ending | (2)<br>Aggregate<br>Loss Costs at<br>Current Level | (3)<br>Occurrences<br>at Ultimate <sup>1</sup> | (4)<br>Occurrence<br>Frequency<br><u>(3) / (2)</u> <sup>2</sup> |
|-----------------------------------|--|--|---|
| 12/31/2008                        | \$ 95,319,054                                      | 3,049  | 31.99   |
| 12/31/2009                        | \$ 104,735,708                                     | 3,484  | 33.27   |
| 12/31/2010                        | \$ 110,753,467                                     | 3,550  | 32.06   |
| 12/31/2011                        | \$ 111,992,195                                     | 3,284  | 29.33   |
| 12/31/2012                        | \$ 113,457,539                                     | 3,019  | 26.61   |
| 12/31/2013                        | \$ 112,385,057                                     | 2,836  | 25.23   |
| 12/31/2014                        | \$ 114,260,603                                     | 2,458  | 21.51   |
| 12/31/2015                        | \$ 120,800,775                                     | 2,262  | 18.72   |
| 12/31/2016                        | \$ 126,049,753                                     | 2,233  | 17.72   |
| 12/31/2017                        | \$ 129,225,267                                     | 2,256  | 17.46   |
| 12/31/2018                        | \$ 126,690,805                                     | 2,061  | 16.27   |
| 12/31/2019                        | \$ 128,691,670                                     | 2,061  | 16.01   |
| 12/31/2020                        | \$ 129,846,685                                     | 1,695  | 13.05   |
| 12/31/2021                        | \$ 124,777,686                                     | 1,743  | 13.97   |

Selected Annual Frequency Trend: - 1.5%

<sup>1</sup> Occurrences are based on reported paid amounts developed to ultimate using paid development factors.

<sup>2</sup> Frequency is per \$1,000,000 Aggregate Loss Costs at Current Level.

## LOSS COST % CHANGE BY CLASS

SUBLINE: PRODUCTS  
 CLASS GROUP : 03  
 NUMBER OF YEARS OF DATA USED: 5  
 CHANGE FACTOR = INDEX \* CG REL \* SWRL USED = INDEX \* 0.97 \* 0.854

| CLASS | AYE 2021   |          | 5 YEAR     |            | FORMULA | INDEX | CHANGE | PRESENT     | PROPOSED    | STATE- | PRESENT | PROPOSED |
|-------|------------|----------|------------|------------|---------|-------|--------|-------------|-------------|--------|---------|----------|
|       | MONO/MULTI | ALCCL    | MONO/MULTI | EXPERIENCE |         |       |        | MULTI-STATE | MULTI-STATE | WIDE % |         |          |
|       | (1)        | (2)      | (3)        | (4)        | (5)     | (6)   | (7)    | OCCUR       | OCCUR       | (10)   | OCCUR   | OCCUR    |
|       |            |          |            |            |         |       |        | (8)         | (9)         |        | (11)    | (12)     |
| 10140 | 254475     | 1461113  | 0.42264    | 0.2934     | 0.762   | 0.940 | 0.779  | 0.020       | 0.016       | -20.0  | 0.020   | 0.016    |
| 10141 | 582969     | 3133864  | 1.56200    | 0.4453     | 1.196   | 1.477 | 1.223  | 0.021       | 0.026       | 23.8   | 0.021   | 0.026    |
| 12361 | 2019927    | 10474315 | 0.93754    | 0.7168     | 0.928   | 1.145 | 0.949  | 0.066       | 0.063       | -4.6   | 0.066   | 0.063    |
| 12373 | 43811      | 429189   | 1.96035    | 0.1468     | 1.058   | 1.306 | 1.082  | 0.022       | 0.024       | 9.1    | 0.022   | 0.024    |
| 13049 | 247794     | 1184876  | 0.99001    | 0.2556     | 0.925   | 1.142 | 0.946  | 0.044       | 0.042       | -4.6   | 0.044   | 0.042    |
| 13111 | 44510      | 252480   | 0.15407    | 0.1116     | 0.819   | 1.011 | 0.837  | 0.080       | 0.067       | -16.3  | 0.080   | 0.067    |
| 13112 | 1838445    | 9305912  | 0.58579    | 0.6918     | 0.683   | 0.844 | 0.699  | 0.054       | 0.038       | -29.6  | 0.054   | 0.038    |
| 13621 | 462736     | 1942373  | 0.97961    | 0.3569     | 0.930   | 1.148 | 0.951  | 0.340       | 0.320       | -5.9   | 0.340   | 0.320    |
| 13670 | 472067     | 2354317  | 2.03890    | 0.3811     | 1.336   | 1.649 | 1.366  | 0.018       | 0.022       | 22.2   | 0.018   | 0.022    |
| 15223 | 1195075    | 6806579  | 0.76085    | 0.6239     | 0.814   | 1.005 | 0.832  | 0.039       | 0.032       | -18.0  | 0.039   | 0.032    |
| 15406 | 454478     | 2207547  | 1.51263    | 0.3683     | 1.127   | 1.391 | 1.153  | 0.056       | 0.065       | 16.1   | 0.056   | 0.065    |
| 16604 | 881192     | 5042730  | 0.58038    | 0.5548     | 0.724   | 0.893 | 0.740  | 0.100       | 0.074       | -26.0  | 0.100   | 0.074    |
| 51300 | 4          | 17227    | 0.00000    | 0.0670     | 0.842   | 1.039 | 0.861  | 0.127       | 0.109       | -14.2  | 0.127   | 0.109    |
| 51305 | 6389       | 61804    | 0.04795    | 0.0753     | 0.838   | 1.035 | 0.857  | 0.760       | 0.650       | -14.5  | 0.760   | 0.650    |
| 51315 | 818190     | 3929918  | 0.53781    | 0.4962     | 0.722   | 0.891 | 0.738  | 0.080       | 0.059       | -26.3  | 0.080   | 0.059    |
| 51350 | 127974     | 777769   | 0.44505    | 0.1985     | 0.812   | 1.002 | 0.830  | 0.115       | 0.095       | -17.4  | 0.115   | 0.095    |
| 51351 | 87427      | 309726   | 0.48571    | 0.1225     | 0.851   | 1.051 | 0.871  | 0.045       | 0.039       | -13.3  | 0.045   | 0.039    |
| 51352 | 111366     | 544280   | 0.51729    | 0.1620     | 0.840   | 1.037 | 0.859  | 0.090       | 0.077       | -14.4  | 0.090   | 0.077    |
| 51355 | 229458     | 880688   | 1.20791    | 0.2137     | 0.968   | 1.195 | 0.990  | 0.082       | 0.081       | -1.2   | 0.082   | 0.081    |
| 51356 | 98847      | 387623   | 0.68034    | 0.1356     | 0.872   | 1.077 | 0.892  | 0.470       | 0.420       | -10.6  | 0.470   | 0.420    |
| 51357 | 12625      | 64138    | 5.63920    | 0.0755     | 1.260   | 1.555 | 1.288  | 0.950       | 1.180       | 24.2   | 0.950   | 1.180    |
| 51358 | 24193      | 109296   | 0.00000    | 0.0844     | 0.826   | 1.020 | 0.845  | 0.111       | 0.094       | -15.3  | 0.111   | 0.094    |
| 51359 | 98247      | 370911   | 0.20156    | 0.1327     | 0.809   | 0.999 | 0.828  | 0.620       | 0.510       | -17.7  | 0.620   | 0.510    |
| 51752 | 236814     | 2595040  | 1.01301    | 0.4018     | 0.947   | 1.169 | 0.968  | 0.141       | 0.137       | -2.8   | 0.141   | 0.137    |
| 52002 | 1716710    | 7766486  | 0.75931    | 0.6563     | 0.808   | 0.998 | 0.827  | 0.104       | 0.086       | -17.3  | 0.104   | 0.086    |
| 53001 | 1953457    | 9250130  | 0.84812    | 0.6996     | 0.864   | 1.067 | 0.884  | 0.241       | 0.213       | -11.6  | 0.241   | 0.213    |
| 53374 | 4898970    | 23174994 | 0.71481    | 0.8503     | 0.743   | 0.917 | 0.760  | 0.191       | 0.145       | -24.1  | 0.191   | 0.145    |
| 53375 | 3345812    | 16457955 | 0.48244    | 0.7992     | 0.567   | 0.700 | 0.580  | 0.310       | 0.205       | -33.9  | 0.310   | 0.205    |
| 53376 | 601032     | 2792454  | 0.62189    | 0.4206     | 0.784   | 0.968 | 0.802  | 0.159       | 0.128       | -19.5  | 0.159   | 0.128    |
| 53377 | 2377446    | 12685273 | 0.70188    | 0.7533     | 0.751   | 0.927 | 0.768  | 0.172       | 0.132       | -23.3  | 0.172   | 0.132    |
| 53565 | 138906     | 767055   | 0.46184    | 0.1977     | 0.815   | 1.006 | 0.834  | 0.081       | 0.068       | -16.1  | 0.081   | 0.068    |
| 55371 | 24311      | 154898   | 0.19464    | 0.0932     | 0.836   | 1.033 | 0.855  | 0.096       | 0.082       | -14.6  | 0.096   | 0.082    |
| 56488 | 350087     | 764634   | 1.36659    | 0.2150     | 1.002   | 1.237 | 1.025  | 0.042       | 0.043       | 2.4    | 0.042   | 0.043    |
| 56758 | 147584     | 617909   | 0.72923    | 0.1745     | 0.872   | 1.077 | 0.892  | 0.123       | 0.110       | -10.6  | 0.123   | 0.110    |
| 56759 | 484558     | 3630787  | 1.03417    | 0.4823     | 0.966   | 1.192 | 0.988  | 0.070       | 0.069       | -1.4   | 0.070   | 0.069    |
| 56760 | 1341837    | 7864155  | 0.84949    | 0.6633     | 0.867   | 1.071 | 0.887  | 0.087       | 0.077       | -11.5  | 0.087   | 0.077    |
| 57002 | 105676     | 882344   | 0.18831    | 0.2143     | 0.749   | 0.925 | 0.766  | 0.080       | 0.061       | -23.8  | 0.080   | 0.061    |

X-TILDE: 0.803 X-TILDE (MONOLINE): 0.810 PI-TILDE 0.0039008  
 TAU SQUARE: 0.07055 SIGMA SQUARED: 323455.712

L - CAPPED DOWN  
 U - CAPPED UP  
 N - NOT SUBJECT TO CAPPING  
 E - SUBJECT TO CAPPING EXCEPTION

## LOSS COST % CHANGE BY CLASS

SUBLINE: PRODUCTS  
 CLASS GROUP : 03  
 NUMBER OF YEARS OF DATA USED: 5  
 CHANGE FACTOR = INDEX \* CG REL \* SWRL USED = INDEX \* 0.97 \* 0.854

| CLASS | AYE 2021   | 5 YEAR     | 5 YEAR     | CRED.  | FORMULA | INDEX | CHANGE | PRESENT     | PROPOSED    | STATE- | PRESENT | PROPOSED |
|-------|------------|------------|------------|--------|---------|-------|--------|-------------|-------------|--------|---------|----------|
|       | MONO/MULTI | MONO/MULTI | MONO/MULTI |        |         |       |        | MULTI-STATE | MULTI-STATE | WIDE % |         |          |
|       | ALCCL      | ALCCL      | RATIO      |        | ER      |       | FACTOR | OCCUR       | OCCUR       | CHANGE | OCCUR   | OCCUR    |
|       | (1)        | (2)        | (3)        | (4)    | (5)     | (6)   | (7)    | (8)         | (9)         | (10)   | (11)    | (12)     |
| 57651 | 70678      | 716235     | 1.59550    | 0.2013 | 1.042   | 1.286 | 1.065  | 0.037       | 0.039       | 5.4    | 0.037   | 0.039    |
| 57913 | 374136     | 2995118    | 0.81461    | 0.4345 | 0.864   | 1.067 | 0.884  | 0.206       | 0.182       | -11.7  | 0.206   | 0.182    |
| 59537 | 207472     | 1852773    | 0.97201    | 0.3344 | 0.926   | 1.143 | 0.947  | 0.219       | 0.207       | -5.5   | 0.219   | 0.207    |
| 59647 | 64100      | 319839     | 0.20322    | 0.1237 | 0.816   | 1.007 | 0.834  | 0.141       | 0.118       | -16.3  | 0.141   | 0.118    |
| 59904 | 4634       | 48094      | 6.47853    | 0.0727 | 1.308   | 1.614 | 1.337  | 0.088       | 0.110       | 25.0   | 0.088   | 0.110    |
| 59905 | 179844     | 856109     | 0.77702    | 0.2154 | 0.875   | 1.081 | 0.895  | 0.112       | 0.100       | -10.7  | 0.112   | 0.100    |
| 59925 | 1248       | 6838       | 1.48774    | 0.0639 | 0.940   | 1.160 | 0.961  | 1.150       | 1.110       | -3.5   | 1.150   | 1.110    |
| 59926 | 307591     | 1414585    | 3.23839    | 0.2874 | 1.574   | 1.943 | 1.609  | 0.460       | 0.570       | 23.9   | 0.460   | 0.570    |
| 59927 | 16315      | 370035     | 0.00000    | 0.1325 | 0.783   | 0.966 | 0.801  | 1.100       | 0.880       | -20.0  | 1.100   | 0.880    |
| 59963 | 56835      | 232911     | 0.00000    | 0.1078 | 0.805   | 0.994 | 0.823  | 0.320       | 0.260       | -18.8  | 0.320   | 0.260    |
| 59964 | 232416     | 1080906    | 0.76389    | 0.2414 | 0.869   | 1.073 | 0.889  | 0.059       | 0.052       | -11.9  | 0.059   | 0.052    |

U

U

X-TILDE: 0.803 X-TILDE (MONOLINE): 0.810 PI-TILDE 0.0039008  
 TAU SQUARE: 0.07055 SIGMA SQUARED: 323455.712

L - CAPPED DOWN  
 U - CAPPED UP  
 N - NOT SUBJECT TO CAPPING  
 E - SUBJECT TO CAPPING EXCEPTION

## LOSS COST % CHANGE BY CLASS

SUBLINE: PRODUCTS  
 CLASS GROUP : 04  
 NUMBER OF YEARS OF DATA USED: 5  
 CHANGE FACTOR = INDEX \* CG REL \* SWRL USED = INDEX \* 1.027 \* 0.854

| CLASS | AYE 2021   | 5 YEAR     | 5 YEAR     | CRED.  | ER    | INDEX | CHANGE | PRESENT     | PROPOSED    | STATE- | PRESENT | PROPOSED |
|-------|------------|------------|------------|--------|-------|-------|--------|-------------|-------------|--------|---------|----------|
|       | MONO/MULTI | MONO/MULTI | MONO/MULTI |        |       |       |        | MULTI-STATE | MULTI-STATE | WIDE % |         |          |
|       | ALCCL      | ALCCL      | RATIO      |        |       |       | FACTOR | OCCUR       | OCCUR       | CHANGE | OCCUR   | OCCUR    |
|       | (1)        | (2)        | (3)        | (4)    | (5)   | (6)   | (7)    | (8)         | (9)         | (10)   | (11)    | (12)     |
| 10010 | 108961     | 760908     | 0.77337    | 0.1644 | 0.894 | 0.932 | 0.818  | 0.167       | 0.137       | -18.0  | 0.167   | 0.137    |
| 10040 | 1205495    | 6162656    | 1.12531    | 0.5031 | 1.022 | 1.066 | 0.935  | 0.320       | 0.300       | -6.3   | 0.320   | 0.300    |
| 10070 | 2188461    | 10597856   | 0.68140    | 0.6273 | 0.769 | 0.803 | 0.704  | 0.134       | 0.094       | -29.9  | 0.134   | 0.094    |
| 10101 | 358583     | 1642755    | 0.96639    | 0.2478 | 0.930 | 0.970 | 0.850  | 0.160       | 0.136       | -15.0  | 0.160   | 0.136    |
| 10111 | 156945     | 814591     | 0.38457    | 0.1700 | 0.827 | 0.863 | 0.756  | 0.059       | 0.045       | -23.7  | 0.059   | 0.045    |
| 10255 | 3801653    | 17974215   | 0.99162    | 0.7347 | 0.972 | 1.014 | 0.889  | 0.140       | 0.124       | -11.4  | 0.140   | 0.124    |
| 10256 | 23649      | 103187     | 0.19270    | 0.0899 | 0.853 | 0.889 | 0.780  | 0.198       | 0.154       | -22.2  | 0.198   | 0.154    |
| 10257 | 3650470    | 17530410   | 1.17697    | 0.7306 | 1.107 | 1.155 | 1.013  | 0.146       | 0.148       | 1.4    | 0.146   | 0.148    |
| 11126 | 154685     | 939413     | 0.78323    | 0.1831 | 0.893 | 0.931 | 0.817  | 0.023       | 0.019       | -17.4  | 0.023   | 0.019    |
| 11203 | 3311       | 56666      | 0.00000    | 0.0848 | 0.840 | 0.876 | 0.768  | 0.380       | 0.290       | -23.7  | 0.380   | 0.290    |
| 11248 | 5155       | 34338      | 0.00000    | 0.0813 | 0.843 | 0.879 | 0.771  | 0.013       | 0.010       | -23.1  | 0.013   | 0.010    |
| 12391 | 1347758    | 6536189    | 1.12763    | 0.5144 | 1.026 | 1.070 | 0.938  | 0.059       | 0.055       | -6.8   | 0.059   | 0.055    |
| 12509 | 27639      | 162144     | 0.15094    | 0.0972 | 0.843 | 0.879 | 0.771  | 0.026       | 0.020       | -23.1  | 0.026   | 0.020    |
| 12651 | 900431     | 4226553    | 0.61906    | 0.4175 | 0.793 | 0.827 | 0.725  | 0.450       | 0.330       | -26.7  | 0.450   | 0.330    |
| 12707 | 456793     | 1647921    | 1.35326    | 0.2552 | 1.029 | 1.073 | 0.941  | 0.480       | 0.450       | -6.3   | 0.480   | 0.450    |
| 12797 | 1341693    | 6666789    | 0.96473    | 0.5191 | 0.942 | 0.983 | 0.862  | 0.177       | 0.153       | -13.6  | 0.177   | 0.153    |
| 13201 | 14292      | 112238     | 0.26660    | 0.0912 | 0.858 | 0.895 | 0.785  | 0.123       | 0.097       | -21.1  | 0.123   | 0.097    |
| 13204 | 880659     | 4216322    | 0.79964    | 0.4213 | 0.868 | 0.905 | 0.794  | 0.860       | 0.680       | -20.9  | 0.860   | 0.680    |
| 13205 | 308895     | 1362269    | 0.67128    | 0.2241 | 0.863 | 0.900 | 0.789  | 0.340       | 0.270       | -20.6  | 0.340   | 0.270    |
| 13314 | 109        | 1028       | 0.00000    | 0.0771 | 0.847 | 0.883 | 0.775  | 0.012       | 0.009       | -25.0  | 0.012   | 0.009    |
| 13410 | 1830200    | 8852823    | 1.09583    | 0.5873 | 1.022 | 1.066 | 0.935  | 1.660       | 1.550       | -6.6   | 1.660   | 1.550    |
| 13412 | 362294     | 2230724    | 1.39494    | 0.2982 | 1.060 | 1.106 | 0.969  | 1.190       | 1.150       | -3.4   | 1.190   | 1.150    |
| 13590 | 4644286    | 23579099   | 1.08821    | 0.7833 | 1.051 | 1.096 | 0.961  | 0.610       | 0.590       | -3.3   | 0.610   | 0.590    |
| 13715 | 1683737    | 8347413    | 0.82736    | 0.5708 | 0.866 | 0.903 | 0.792  | 0.111       | 0.088       | -20.7  | 0.111   | 0.088    |
| 13930 | 1372226    | 5487694    | 0.60521    | 0.4746 | 0.769 | 0.802 | 0.704  | 0.147       | 0.103       | -29.9  | 0.147   | 0.103    |
| 14068 | 2102       | 17887      | 0.00000    | 0.0792 | 0.845 | 0.881 | 0.773  | 0.010       | 0.008       | -20.0  | 0.010   | 0.008    |
| 14527 | 556008     | 2473238    | 0.84866    | 0.3115 | 0.896 | 0.935 | 0.820  | 0.169       | 0.139       | -17.8  | 0.169   | 0.139    |
| 14855 | 38630      | 175844     | 0.00692    | 0.0988 | 0.828 | 0.863 | 0.757  | 0.110       | 0.083       | -24.6  | 0.110   | 0.083    |
| 16005 | 303233     | 1802835    | 0.74405    | 0.2607 | 0.872 | 0.910 | 0.798  | 0.030       | 0.024       | -20.0  | 0.030   | 0.024    |
| 16009 | 44948      | 241312     | 0.76072    | 0.1066 | 0.901 | 0.940 | 0.824  | 0.111       | 0.091       | -18.0  | 0.111   | 0.091    |
| 16527 | 4383000    | 22732018   | 0.89395    | 0.7768 | 0.899 | 0.938 | 0.822  | 0.270       | 0.222       | -17.8  | 0.270   | 0.222    |
| 16705 | 63296      | 803447     | 0.64487    | 0.1694 | 0.872 | 0.909 | 0.797  | 0.113       | 0.090       | -20.4  | 0.113   | 0.090    |
| 16750 | 479189     | 2599111    | 1.57280    | 0.3227 | 1.129 | 1.178 | 1.033  | 0.035       | 0.036       | 2.9    | 0.035   | 0.036    |
| 18205 | 746189     | 3540984    | 1.38582    | 0.3831 | 1.097 | 1.144 | 1.003  | 0.390       | 0.390       | 0.0    | 0.390   | 0.390    |
| 18616 | 3364266    | 16738769   | 0.95142    | 0.7225 | 0.942 | 0.983 | 0.862  | 0.490       | 0.420       | -14.3  | 0.490   | 0.420    |
| 18707 | 21649      | 141634     | 1.04134    | 0.0946 | 0.929 | 0.969 | 0.850  | 0.006       | 0.005       | -16.7  | 0.006   | 0.005    |
| 45771 | 117033     | 631994     | 1.13475    | 0.1540 | 0.951 | 0.992 | 0.870  | 0.131       | 0.114       | -13.0  | 0.131   | 0.114    |

X-TILDE: 0.977 X-TILDE (MONOLINE): 0.959 PI-TILDE 0.0047984  
 TAU SQUARE: 0.03000 SIGMA SQUARED: 218049.291

L - CAPPED DOWN  
 U - CAPPED UP  
 N - NOT SUBJECT TO CAPPING  
 E - SUBJECT TO CAPPING EXCEPTION

## LOSS COST % CHANGE BY CLASS

SUBLINE: PRODUCTS  
 CLASS GROUP : 04  
 NUMBER OF YEARS OF DATA USED: 5  
 CHANGE FACTOR = INDEX \* CG REL \* SWRL USED = INDEX \* 1.027 \* 0.854

| CLASS | AYE 2021   | 5 YEAR     | 5 YEAR     | CRED.  | FORMULA | INDEX | CHANGE | PRESENT | PROPOSED | STATE- | PRESENT | PROPOSED  |           |
|-------|------------|------------|------------|--------|---------|-------|--------|---------|----------|--------|---------|-----------|-----------|
|       | MONO/MULTI | MONO/MULTI | MONO/MULTI |        |         |       |        | MULTI-  | MULTI-   | WIDE   |         | STATEWIDE | STATEWIDE |
|       | ALCCL      | ALCCL      | EXPERIENCE |        |         |       |        | STATE   | STATE    | %      |         | OCCUR     | OCCUR     |
|       | (1)        | (2)        | (3)        | (4)    | (5)     | (6)   | (7)    | (8)     | (9)      | (10)   | (11)    | (12)      |           |
| 45901 | 472712     | 2437354    | 0.62917    | 0.3089 | 0.829   | 0.864 | 0.758  | 0.039   | 0.030    | -23.1  | 0.039   | 0.030     |           |
| 53907 | 1210531    | 6102939    | 1.10198    | 0.5165 | 1.013   | 1.056 | 0.926  | 0.078   | 0.072    | -7.7   | 0.078   | 0.072     |           |

X-TILDE: 0.97745 X-TILDE (MONOLINE): 0.95882 PI-TILDE 0.0047984  
 TAU SQUARE: 0.03 SIGMA SQUARED: 218049.291

L - CAPPED DOWN  
 U - CAPPED UP  
 N - NOT SUBJECT TO CAPPING  
 E - SUBJECT TO CAPPING EXCEPTION

## LOSS COST % CHANGE BY CLASS

SUBLINE: PRODUCTS  
 CLASS GROUP : 05  
 NUMBER OF YEARS OF DATA USED: 5  
 CHANGE FACTOR = INDEX \* CG REL \* SWRL USED = INDEX \* 1.012 \* 0.854

| CLASS | 5 YEAR                     |                            | 5 YEAR<br>MONO/MULTI<br>EXPERIENCE | CRED.<br>(4) | FORMULA<br>(5) | INDEX<br>(6) | CHANGE<br>FACTOR<br>(7) | PRESENT               | PROPOSED              | STATE-              | PRESENT       | PROPOSED      |
|-------|----------------------------|----------------------------|------------------------------------|--------------|----------------|--------------|-------------------------|-----------------------|-----------------------|---------------------|---------------|---------------|
|       | AYE 2021                   | 5 YEAR                     |                                    |              |                |              |                         | MULTI-                | MULTI-                | WIDE                | STATEWIDE     | STATEWIDE     |
|       | MONO/MULTI<br>ALCCL<br>(1) | MONO/MULTI<br>ALCCL<br>(2) |                                    |              |                |              |                         | STATE<br>OCCUR<br>(8) | STATE<br>OCCUR<br>(9) | %<br>CHANGE<br>(10) | OCCUR<br>(11) | OCCUR<br>(12) |
| 51380 | 1522                       | 8822                       | 0.00000                            | 0.1509       | 0.658          | 0.762        | 0.658                   | 0.039                 | 0.026                 | -33.3               | 0.039         | 0.026         |
| 51575 | 172192                     | 1229366                    | 1.12846                            | 0.2627       | 0.868          | 1.005        | 0.869                   | 0.023                 | 0.020                 | -13.0               | 0.023         | 0.020         |
| 51576 | 226156                     | 1410500                    | 0.73673                            | 0.2768       | 0.764          | 0.885        | 0.765                   | 0.101                 | 0.077                 | -23.8               | 0.101         | 0.077         |
| 51613 | 38702                      | 362685                     | 0.41107                            | 0.1866       | 0.707          | 0.819        | 0.708                   | 0.141                 | 0.100                 | -29.1               | 0.141         | 0.100         |
| 51666 | 34783                      | 184568                     | 0.26635                            | 0.1694       | 0.689          | 0.798        | 0.689                   | 0.085                 | 0.059                 | -30.6               | 0.085         | 0.059         |
| 51767 | 205                        | 1393                       | 0.00000                            | 0.1501       | 0.659          | 0.763        | 0.659                   | 0.007                 | 0.005                 | -28.6               | 0.007         | 0.005         |
| 51833 | 813                        | 7771                       | 0.00000                            | 0.1508       | 0.658          | 0.762        | 0.659                   | 0.051                 | 0.034                 | -33.3               | 0.051         | 0.034         |
| 51869 | 65355                      | 686729                     | 0.60481                            | 0.2169       | 0.738          | 0.855        | 0.739                   | 0.138                 | 0.102                 | -26.1               | 0.138         | 0.102         |
| 51889 | 574                        | 3786                       | 0.00000                            | 0.1504       | 0.658          | 0.763        | 0.659                   | 0.010                 | 0.007                 | -30.0               | 0.010         | 0.007         |
| 51941 | 1714633                    | 8861977                    | 0.69447                            | 0.5957       | 0.727          | 0.842        | 0.728                   | 0.034                 | 0.025                 | -26.5               | 0.034         | 0.025         |
| 52469 | 1879455                    | 9849534                    | 1.09905                            | 0.6278       | 0.978          | 1.133        | 0.979                   | 0.085                 | 0.083                 | -2.4                | 0.085         | 0.083         |
| 55647 | 275482                     | 1949187                    | 1.73995                            | 0.3176       | 1.081          | 1.253        | 1.082                   | 0.065                 | 0.070                 | 7.7                 | 0.065         | 0.070         |
| 55802 | 12400                      | 132321                     | 3.48797                            | 0.1642       | 1.220          | 1.414        | 1.221                   | 0.013                 | 0.016                 | 23.1                | 0.013         | 0.016         |
| 56040 | 3209                       | 9609                       | 0.00000                            | 0.1510       | 0.658          | 0.762        | 0.658                   | 0.028                 | 0.019                 | -32.1               | 0.028         | 0.019         |
| 57257 | 25253                      | 174811                     | 2.73251                            | 0.1681       | 1.104          | 1.279        | 1.105                   | 0.042                 | 0.046                 | 9.5                 | 0.042         | 0.046         |
| 57410 | 11994                      | 131603                     | 0.22225                            | 0.1638       | 0.684          | 0.793        | 0.685                   | 0.164                 | 0.112                 | -31.7               | 0.164         | 0.112         |
| 58503 | 40767                      | 249799                     | 0.18351                            | 0.1757       | 0.671          | 0.777        | 0.672                   | 0.080                 | 0.054                 | -32.5               | 0.080         | 0.054         |
| 58627 | 831                        | 8727                       | 0.00000                            | 0.1509       | 0.658          | 0.762        | 0.658                   | 0.011                 | 0.008                 | -27.3               | 0.011         | 0.008         |
| 59257 | 0                          | 440                        | 0.00000                            | 0.1500       | 0.659          | 0.763        | 0.659                   | 0.011                 | 0.008                 | -27.3               | 0.011         | 0.008         |
| 59923 | 1299                       | 5466                       | 0.00000                            | 0.1506       | 0.658          | 0.763        | 0.659                   | 0.006                 | 0.004                 | -33.3               | 0.006         | 0.004         |

X-TILDE: 0.970 X-TILDE (MONOLINE): 0.863 PI-TILDE 0.0071632  
 TAU SQUARE: 0.03000 SIGMA SQUARED: 241544.847

L - CAPPED DOWN  
 U - CAPPED UP  
 N - NOT SUBJECT TO CAPPING  
 E - SUBJECT TO CAPPING EXCEPTION

## LOSS COST % CHANGE BY CLASS

SUBLINE: PRODUCTS  
 CLASS GROUP : 06  
 NUMBER OF YEARS OF DATA USED: 5  
 CHANGE FACTOR = INDEX \* CG REL \* SWRL USED = INDEX \* 0.998 \* 0.854

| CLASS | AYE 2021   | 5 YEAR     | 5 YEAR     | CRED.  | FORMULA | INDEX | CHANGE | PRESENT     | PROPOSED    | STATE- | PRESENT | PROPOSED |
|-------|------------|------------|------------|--------|---------|-------|--------|-------------|-------------|--------|---------|----------|
|       | MONO/MULTI | MONO/MULTI | EXPERIENCE |        |         |       |        | MULTI-STATE | MULTI-STATE | WIDE % |         |          |
|       | ALCCL      | ALCCL      | RATIO      |        | ER      |       | FACTOR | OCCUR       | OCCUR       | CHANGE | OCCUR   | OCCUR    |
|       | (1)        | (2)        | (3)        | (4)    | (5)     | (6)   | (7)    | (8)         | (9)         | (10)   | (11)    | (12)     |
| 15733 | 2741       | 20393      | 0.00000    | 0.0279 | 0.838   | 0.970 | 0.826  | 0.030       | 0.025       | -16.7  | 0.030   | 0.025    |
| 51001 | 844        | 8194       | 0.00000    | 0.0268 | 0.839   | 0.971 | 0.827  | 0.380       | 0.310       | -18.4  | 0.380   | 0.310    |
| 51116 | 1445893    | 6422282    | 0.74560    | 0.3885 | 0.817   | 0.946 | 0.806  | 0.640       | 0.520       | -18.8  | 0.640   | 0.520    |
| 51240 | 37976      | 324553     | 1.70712    | 0.0544 | 0.908   | 1.051 | 0.896  | 0.215       | 0.193       | -10.2  | 0.215   | 0.193    |
| 51241 | 375680     | 2056005    | 0.68823    | 0.1822 | 0.830   | 0.961 | 0.819  | 0.240       | 0.197       | -17.9  | 0.240   | 0.197    |
| 51330 | 252192     | 1485496    | 3.18667    | 0.1462 | 1.202   | 1.391 | 1.185  | 0.820       | 0.970       | 18.3   | 0.820   | 0.970    |
| 51370 | 60759      | 532942     | 0.20161    | 0.0732 | 0.813   | 0.942 | 0.802  | 2.690       | 2.160       | -19.7  | 2.690   | 2.160    |
| 51500 | 484333     | 2587152    | 0.69700    | 0.2147 | 0.826   | 0.957 | 0.815  | 0.145       | 0.118       | -18.6  | 0.145   | 0.118    |
| 51550 | 35203      | 142836     | 0.80614    | 0.0388 | 0.860   | 0.995 | 0.848  | 0.420       | 0.360       | -14.3  | 0.420   | 0.360    |
| 51551 | 2559       | 37154      | 0.75562    | 0.0294 | 0.859   | 0.994 | 0.847  | 0.830       | 0.700       | -15.7  | 0.830   | 0.700    |
| 51552 | 230        | 10985      | 0.00000    | 0.0271 | 0.838   | 0.971 | 0.827  | 0.137       | 0.113       | -17.5  | 0.137   | 0.113    |
| 51600 | 197765     | 916116     | 0.39728    | 0.1017 | 0.814   | 0.943 | 0.804  | 0.194       | 0.156       | -19.6  | 0.194   | 0.156    |
| 51734 | 293301     | 372613     | 1.21932    | 0.0684 | 0.886   | 1.026 | 0.874  | 0.430       | 0.380       | -11.6  | 0.430   | 0.380    |
| 51741 | 194356     | 800547     | 1.89044    | 0.0930 | 0.957   | 1.109 | 0.945  | 0.260       | 0.246       | -5.4   | 0.260   | 0.246    |
| 51777 | 154586     | 630260     | 0.28082    | 0.0794 | 0.816   | 0.944 | 0.805  | 0.058       | 0.047       | -19.0  | 0.058   | 0.047    |
| 51808 | 149575     | 815202     | 0.34852    | 0.0940 | 0.813   | 0.942 | 0.803  | 0.530       | 0.430       | -18.9  | 0.530   | 0.430    |
| 51809 | 48423      | 238200     | 2.97080    | 0.0483 | 0.964   | 1.116 | 0.951  | 0.173       | 0.164       | -5.2   | 0.173   | 0.164    |
| 51877 | 37141      | 323883     | 0.34929    | 0.0546 | 0.834   | 0.965 | 0.823  | 0.156       | 0.128       | -18.0  | 0.156   | 0.128    |
| 51896 | 589173     | 3789266    | 0.49574    | 0.2779 | 0.760   | 0.880 | 0.750  | 0.017       | 0.013       | -23.5  | 0.017   | 0.013    |
| 51900 | 12753      | 69024      | 1.48154    | 0.0322 | 0.882   | 1.021 | 0.870  | 0.098       | 0.085       | -13.3  | 0.098   | 0.085    |
| 51909 | 0          | 11         | 0.00000    | 0.0261 | 0.839   | 0.972 | 0.828  | 0.048       | 0.040       | -16.7  | 0.048   | 0.040    |
| 51926 | 439169     | 1815680    | 0.97959    | 0.1661 | 0.881   | 1.020 | 0.869  | 0.041       | 0.036       | -12.2  | 0.041   | 0.036    |
| 51927 | 239015     | 1663964    | 1.30147    | 0.1568 | 0.931   | 1.078 | 0.918  | 0.100       | 0.092       | -8.0   | 0.100   | 0.092    |
| 51934 | 19948      | 344339     | 0.00387    | 0.0560 | 0.814   | 0.942 | 0.803  | 0.082       | 0.066       | -19.5  | 0.082   | 0.066    |
| 51956 | 1298316    | 6378134    | 0.85212    | 0.3875 | 0.858   | 0.993 | 0.846  | 0.140       | 0.119       | -15.0  | 0.140   | 0.119    |
| 51957 | 1601537    | 7885584    | 0.97357    | 0.4363 | 0.911   | 1.054 | 0.898  | 0.370       | 0.330       | -10.8  | 0.370   | 0.330    |
| 51960 | 4570       | 22373      | 0.00000    | 0.0281 | 0.838   | 0.970 | 0.826  | 0.300       | 0.248       | -17.3  | 0.300   | 0.248    |
| 51982 | 10309      | 54430      | 0.00000    | 0.0310 | 0.835   | 0.967 | 0.824  | 0.068       | 0.056       | -17.7  | 0.068   | 0.056    |
| 51986 | 19252      | 180669     | 2.28447    | 0.0421 | 0.922   | 1.067 | 0.909  | 0.082       | 0.075       | -8.5   | 0.082   | 0.075    |
| 51999 | 138598     | 631367     | 0.13252    | 0.0795 | 0.804   | 0.931 | 0.793  | 0.320       | 0.250       | -21.9  | 0.320   | 0.250    |
| 52075 | 39639      | 243378     | 0.86001    | 0.0474 | 0.862   | 0.998 | 0.850  | 0.197       | 0.167       | -15.2  | 0.197   | 0.167    |
| 52134 | 2267164    | 11793529   | 0.72476    | 0.5346 | 0.789   | 0.913 | 0.778  | 0.560       | 0.440       | -21.4  | 0.560   | 0.440    |
| 52315 | 679031     | 3235740    | 0.96914    | 0.2495 | 0.889   | 1.029 | 0.877  | 0.270       | 0.237       | -12.2  | 0.270   | 0.237    |
| 52505 | 46705      | 236532     | 0.12221    | 0.0468 | 0.827   | 0.958 | 0.816  | 0.195       | 0.159       | -18.5  | 0.195   | 0.159    |
| 52547 | 186144     | 986434     | 0.77334    | 0.1071 | 0.852   | 0.987 | 0.841  | 0.058       | 0.049       | -15.5  | 0.058   | 0.049    |
| 52911 | 752971     | 4834661    | 0.77790    | 0.3289 | 0.834   | 0.966 | 0.823  | 0.420       | 0.350       | -16.7  | 0.420   | 0.350    |
| 52967 | 23889      | 129378     | 0.00001    | 0.0378 | 0.829   | 0.960 | 0.818  | 0.052       | 0.043       | -17.3  | 0.052   | 0.043    |

X-TILDE: 0.875 X-TILDE (MONOLINE): 0.864 PI-TILDE 0.0016779  
 TAU SQUARE: 0.03000 SIGMA SQUARED: 326430.920

L - CAPPED DOWN  
 U - CAPPED UP  
 N - NOT SUBJECT TO CAPPING  
 E - SUBJECT TO CAPPING EXCEPTION



## LOSS COST % CHANGE BY CLASS

SUBLINE: PRODUCTS  
 CLASS GROUP : 06  
 NUMBER OF YEARS OF DATA USED: 5  
 CHANGE FACTOR = INDEX \* CG REL \* SWRL USED = INDEX \* 0.998 \* 0.854

| CLASS | AYE 2021   | 5 YEAR     | 5 YEAR     | CRED.  | FORMULA | INDEX | CHANGE | PRESENT | PROPOSED | STATE- | PRESENT   | PROPOSED  |
|-------|------------|------------|------------|--------|---------|-------|--------|---------|----------|--------|-----------|-----------|
|       | MONO/MULTI | MONO/MULTI | MONO/MULTI |        |         |       |        | MULTI-  | MULTI-   | WIDE   |           |           |
|       | ALCCL      | ALCCL      | RATIO      |        | ER      |       | FACTOR | STATE   | STATE    | %      | STATEWIDE | STATEWIDE |
|       | (1)        | (2)        | (3)        | (4)    | (5)     | (6)   | (7)    | OCCUR   | OCCUR    | (10)   | OCCUR     | OCCUR     |
|       |            |            |            |        |         |       |        | (8)     | (9)      |        | (11)      | (12)      |
| 53121 | 55297      | 272446     | 1.89171    | 0.0499 | 0.913   | 1.057 | 0.901  | 0.460   | 0.410    | -10.9  | 0.460     | 0.410     |
| 53333 | 84365      | 458720     | 1.07598    | 0.0655 | 0.876   | 1.014 | 0.864  | 0.249   | 0.215    | -13.7  | 0.249     | 0.215     |
| 53631 | 560        | 2087       | 0.00000    | 0.0263 | 0.839   | 0.972 | 0.828  | 0.019   | 0.016    | -15.8  | 0.019     | 0.016     |
| 53632 | 577        | 3011       | 0.00000    | 0.0264 | 0.839   | 0.971 | 0.828  | 0.029   | 0.024    | -17.2  | 0.029     | 0.024     |
| 53732 | 1468986    | 7877403    | 0.92252    | 0.4388 | 0.888   | 1.029 | 0.876  | 0.450   | 0.390    | -13.3  | 0.450     | 0.390     |
| 53733 | 3319323    | 18083672   | 0.90628    | 0.6356 | 0.890   | 1.031 | 0.878  | 0.177   | 0.155    | -12.4  | 0.177     | 0.155     |
| 54077 | 819703     | 3650972    | 0.78584    | 0.2723 | 0.841   | 0.974 | 0.830  | 0.360   | 0.300    | -16.7  | 0.360     | 0.300     |
| 55010 | 66669      | 349634     | 0.02141    | 0.0576 | 0.813   | 0.942 | 0.802  | 0.760   | 0.610    | -19.7  | 0.760     | 0.610     |
| 55011 | 699718     | 3173491    | 0.91286    | 0.2482 | 0.874   | 1.012 | 0.863  | 2.010   | 1.730    | -13.9  | 2.010     | 1.730     |
| 55012 | 7992       | 177423     | 2.97253    | 0.0419 | 0.950   | 1.100 | 0.938  | 0.920   | 0.860    | -6.5   | 0.920     | 0.860     |
| 55013 | 278749     | 1995081    | 1.04917    | 0.1789 | 0.895   | 1.037 | 0.883  | 1.130   | 1.000    | -11.5  | 1.130     | 1.000     |
| 55214 | 1258       | 6434       | 0.00000    | 0.0267 | 0.839   | 0.971 | 0.827  | 0.075   | 0.062    | -17.3  | 0.075     | 0.062     |
| 55715 | 15382      | 176121     | 1.31562    | 0.0420 | 0.881   | 1.020 | 0.869  | 0.169   | 0.147    | -13.0  | 0.169     | 0.147     |
| 55716 | 51045      | 208726     | 0.00000    | 0.0445 | 0.823   | 0.953 | 0.812  | 0.41    | 0.330    | -19.5  | 0.410     | 0.330     |
| 56202 | 44265      | 383047     | 0.71377    | 0.0594 | 0.853   | 0.988 | 0.841  | 0.063   | 0.053    | -15.9  | 0.063     | 0.053     |
| 56390 | 356868     | 1817512    | 1.23331    | 0.1746 | 0.927   | 1.073 | 0.914  | 0.64    | 0.590    | -7.8   | 0.640     | 0.590     |
| 56391 | 499583     | 2608398    | 0.93625    | 0.2178 | 0.878   | 1.017 | 0.866  | 0.25    | 0.217    | -13.2  | 0.250     | 0.217     |
| 56427 | 19660      | 88807      | 0.41299    | 0.0340 | 0.846   | 0.980 | 0.835  | 0.107   | 0.089    | -16.8  | 0.107     | 0.089     |
| 56690 | 3181       | 18203      | 0.83684    | 0.0277 | 0.861   | 0.997 | 0.849  | 0.31    | 0.260    | -16.1  | 0.310     | 0.260     |
| 56699 | 271051     | 1617840    | 0.27110    | 0.1527 | 0.772   | 0.893 | 0.761  | 0.078   | 0.059    | -24.4  | 0.078     | 0.059     |
| 56916 | 1478917    | 6651057    | 1.21993    | 0.3970 | 1.004   | 1.162 | 0.990  | 0.26    | 0.260    | 0.0    | 0.260     | 0.260     |
| 57090 | 127407     | 675125     | 1.08825    | 0.0850 | 0.881   | 1.020 | 0.869  | 0.83    | 0.720    | -13.3  | 0.830     | 0.720     |
| 57401 | 15056      | 65201      | 0.00000    | 0.0319 | 0.834   | 0.966 | 0.823  | 0.079   | 0.065    | -17.7  | 0.079     | 0.065     |
| 57403 | 630        | 3248       | 0.00000    | 0.0264 | 0.839   | 0.971 | 0.828  | 0.03    | 0.025    | -16.7  | 0.030     | 0.025     |
| 57572 | 43441      | 371137     | 1.54749    | 0.0582 | 0.902   | 1.044 | 0.890  | 0.094   | 0.084    | -10.6  | 0.094     | 0.084     |
| 57600 | 44132      | 263606     | 0.70656    | 0.0496 | 0.854   | 0.989 | 0.843  | 0.03    | 0.025    | -16.7  | 0.030     | 0.025     |
| 57611 | 17202      | 147801     | 0.00000    | 0.0408 | 0.827   | 0.957 | 0.815  | 0.044   | 0.036    | -18.2  | 0.044     | 0.036     |
| 57690 | 230920     | 1292312    | 0.70242    | 0.1302 | 0.841   | 0.974 | 0.830  | 0.38    | 0.320    | -15.8  | 0.380     | 0.320     |
| 57716 | 348419     | 1450231    | 0.96425    | 0.1416 | 0.876   | 1.015 | 0.864  | 0.08    | 0.069    | -13.8  | 0.080     | 0.069     |
| 57725 | 1073342    | 4977827    | 0.82895    | 0.3425 | 0.851   | 0.985 | 0.839  | 0.083   | 0.070    | -15.7  | 0.083     | 0.070     |
| 57726 | 76246      | 437812     | 1.07467    | 0.0642 | 0.875   | 1.014 | 0.864  | 0.025   | 0.022    | -12.0  | 0.025     | 0.022     |
| 57810 | 1582       | 18889      | 5.84092    | 0.0278 | 1.000   | 1.158 | 0.987  | 0.09    | 0.089    | -1.1   | 0.090     | 0.089     |
| 57871 | 28691      | 329741     | 0.01136    | 0.0547 | 0.815   | 0.944 | 0.804  | 0.091   | 0.073    | -19.8  | 0.091     | 0.073     |
| 57998 | 16727      | 105146     | 3.23379    | 0.0355 | 0.946   | 1.095 | 0.933  | 0.047   | 0.044    | -6.4   | 0.047     | 0.044     |
| 57999 | 3399       | 16569      | 0.78381    | 0.0276 | 0.860   | 0.995 | 0.848  | 0.065   | 0.055    | -15.4  | 0.065     | 0.055     |
| 58095 | 993449     | 5899699    | 0.89513    | 0.3696 | 0.874   | 1.012 | 0.862  | 1.22    | 1.050    | -13.9  | 1.220     | 1.050     |
| 58096 | 1742398    | 9205160    | 0.75886    | 0.4749 | 0.813   | 0.941 | 0.802  | 1.35    | 1.080    | -20.0  | 1.350     | 1.080     |

X-TILDE: 0.875 X-TILDE (MONOLINE): 0.864 PI-TILDE 0.0016779  
 TAU SQUARE: 0.03000 SIGMA SQUARED: 326430.920

L - CAPPED DOWN  
 U - CAPPED UP  
 N - NOT SUBJECT TO CAPPING  
 E - SUBJECT TO CAPPING EXCEPTION

## LOSS COST % CHANGE BY CLASS

SUBLINE: PRODUCTS  
 CLASS GROUP : 06  
 NUMBER OF YEARS OF DATA USED: 5  
 CHANGE FACTOR = INDEX \* CG REL \* SWRL USED = INDEX \* 0.998 \* 0.854

| CLASS | AYE 2021   | 5 YEAR     | 5 YEAR     | CRED.  | FORMULA | INDEX | CHANGE | PRESENT     | PROPOSED    | STATE- | PRESENT | PROPOSED |
|-------|------------|------------|------------|--------|---------|-------|--------|-------------|-------------|--------|---------|----------|
|       | MONO/MULTI | MONO/MULTI | EXPERIENCE |        |         |       |        | MULTI-STATE | MULTI-STATE | WIDE % |         |          |
|       | ALCCL      | ALCCL      | RATIO      |        | ER      |       | FACTOR | OCCUR       | OCCUR       | CHANGE | OCCUR   | OCCUR    |
|       | (1)        | (2)        | (3)        | (4)    | (5)     | (6)   | (7)    | (8)         | (9)         | (10)   | (11)    | (12)     |
| 58301 | 125338     | 524502     | 1.20340    | 0.0729 | 0.887   | 1.027 | 0.875  | 0.086       | 0.075       | -12.8  | 0.086   | 0.075    |
| 58302 | 51994      | 246788     | 0.00911    | 0.0478 | 0.821   | 0.951 | 0.810  | 0.042       | 0.034       | -19.1  | 0.042   | 0.034    |
| 58397 | 1230611    | 5491284    | 0.52150    | 0.3536 | 0.741   | 0.858 | 0.731  | 0.45        | 0.330       | -26.7  | 0.450   | 0.330    |
| 58575 | 935        | 45883      | 0.03951    | 0.0302 | 0.837   | 0.969 | 0.826  | 0.098       | 0.081       | -17.4  | 0.098   | 0.081    |
| 58663 | 912392     | 4131327    | 0.38412    | 0.2944 | 0.721   | 0.835 | 0.711  | 0.65        | 0.460       | -29.2  | 0.650   | 0.460    |
| 58802 | 32092      | 175665     | 0.03368    | 0.0419 | 0.827   | 0.958 | 0.816  | 0.39        | 0.320       | -18.0  | 0.390   | 0.320    |
| 58837 | 10128      | 44087      | 0.00000    | 0.0300 | 0.836   | 0.968 | 0.825  | 0.155       | 0.128       | -17.4  | 0.155   | 0.128    |
| 58840 | 5631       | 24332      | 0.27540    | 0.0283 | 0.845   | 0.979 | 0.834  | 0.11        | 0.092       | -16.4  | 0.110   | 0.092    |
| 58873 | 280345     | 1149365    | 0.74166    | 0.1212 | 0.847   | 0.981 | 0.836  | 0.021       | 0.018       | -14.3  | 0.021   | 0.018    |
| 58904 | 0          | 10633      | 0.00000    | 0.0270 | 0.838   | 0.971 | 0.827  | 0.108       | 0.089       | -17.6  | 0.108   | 0.089    |
| 58922 | 1884124    | 8367965    | 1.03848    | 0.4500 | 0.941   | 1.090 | 0.929  | 0.189       | 0.176       | -6.9   | 0.189   | 0.176    |
| 59005 | 150729     | 877410     | 1.12430    | 0.0988 | 0.888   | 1.028 | 0.876  | 0.063       | 0.055       | -12.7  | 0.063   | 0.055    |
| 59188 | 117        | 1152       | 0.00000    | 0.0262 | 0.839   | 0.972 | 0.828  | 0.047       | 0.039       | -17.0  | 0.047   | 0.039    |
| 59189 | 4025       | 20824      | 0.00000    | 0.0279 | 0.838   | 0.970 | 0.826  | 0.25        | 0.207       | -17.2  | 0.250   | 0.207    |
| 59223 | 218958     | 1218631    | 1.47011    | 0.1244 | 0.937   | 1.085 | 0.925  | 0.128       | 0.118       | -7.8   | 0.128   | 0.118    |
| 59378 | 2484       | 2483       | 0.00000    | 0.0263 | 0.839   | 0.972 | 0.828  | 0.124       | 0.103       | -16.9  | 0.124   | 0.103    |
| 59481 | 78003      | 506280     | 0.72653    | 0.0701 | 0.852   | 0.987 | 0.841  | 0.096       | 0.081       | -15.6  | 0.096   | 0.081    |
| 59701 | 646        | 38962      | 4.56682    | 0.0296 | 0.971   | 1.125 | 0.958  | 0.38        | 0.360       | -5.3   | 0.380   | 0.360    |
| 59713 | 392379     | 2011986    | 0.70530    | 0.1785 | 0.834   | 0.965 | 0.823  | 0.3         | 0.247       | -17.7  | 0.300   | 0.247    |
| 59722 | 37981      | 227214     | 0.32898    | 0.0460 | 0.837   | 0.969 | 0.826  | 0.023       | 0.019       | -17.4  | 0.023   | 0.019    |
| 59723 | 11684      | 62697      | 0.00000    | 0.0317 | 0.834   | 0.966 | 0.823  | 0.03        | 0.025       | -16.7  | 0.030   | 0.025    |
| 59726 | 87357      | 542875     | 1.35947    | 0.0724 | 0.898   | 1.039 | 0.886  | 0.023       | 0.020       | -13.0  | 0.023   | 0.020    |
| 59738 | 7918       | 43290      | 0.00000    | 0.0299 | 0.836   | 0.968 | 0.825  | 0.052       | 0.043       | -17.3  | 0.052   | 0.043    |
| 59773 | 24         | 24         | 0.00000    | 0.0261 | 0.839   | 0.972 | 0.828  | 0.023       | 0.019       | -17.4  | 0.023   | 0.019    |
| 59774 | 462        | 2030       | 0.00000    | 0.0263 | 0.839   | 0.972 | 0.828  | 0.127       | 0.105       | -17.3  | 0.127   | 0.105    |
| 59775 | 0          | 0          | 0.00000    | 0.0000 | 0.862   | 1.000 | 0.852  | 0.156       | 0.133       | -14.7  | 0.156   | 0.133    |
| 59798 | 1020644    | 3957168    | 1.00975    | 0.2871 | 0.904   | 1.047 | 0.892  | 0.33        | 0.290       | -12.1  | 0.330   | 0.290    |
| 59886 | 9718       | 73827      | 0.00000    | 0.0327 | 0.834   | 0.965 | 0.822  | 0.087       | 0.072       | -17.2  | 0.087   | 0.072    |
| 59889 | 15231      | 83432      | 2.86318    | 0.0335 | 0.929   | 1.075 | 0.916  | 0.192       | 0.176       | -8.3   | 0.192   | 0.176    |
| 59914 | 1110391    | 5215455    | 1.00332    | 0.3431 | 0.910   | 1.054 | 0.898  | 0.65        | 0.580       | -10.8  | 0.650   | 0.580    |
| 59915 | 82868      | 476716     | 2.41374    | 0.0671 | 0.966   | 1.118 | 0.953  | 0.53        | 0.510       | -3.8   | 0.530   | 0.510    |
| 59917 | 124378     | 658734     | 1.18680    | 0.0819 | 0.888   | 1.029 | 0.876  | 0.222       | 0.195       | -12.2  | 0.222   | 0.195    |
| 59931 | 109541     | 617987     | 0.89608    | 0.0786 | 0.864   | 1.001 | 0.853  | 0.37        | 0.320       | -13.5  | 0.370   | 0.320    |
| 59932 | 2885       | 77432      | 0.00000    | 0.0330 | 0.833   | 0.965 | 0.822  | 0.69        | 0.570       | -17.4  | 0.690   | 0.570    |
| 59947 | 15795      | 67684      | 0.00000    | 0.0321 | 0.834   | 0.966 | 0.823  | 0.26        | 0.214       | -17.7  | 0.260   | 0.214    |
| 59955 | 18503      | 91818      | 1.22745    | 0.0342 | 0.874   | 1.012 | 0.863  | 0.114       | 0.098       | -14.0  | 0.114   | 0.098    |
| 59970 | 28938      | 105086     | 0.00000    | 0.0354 | 0.831   | 0.962 | 0.820  | 0.147       | 0.121       | -17.7  | 0.147   | 0.121    |

X-TILDE: 0.875 X-TILDE (MONOLINE): 0.864 PI-TILDE 0.0016779  
 TAU SQUARE: 0.03000 SIGMA SQUARED: 326430.920

L - CAPPED DOWN  
 U - CAPPED UP  
 N - NOT SUBJECT TO CAPPING  
 E - SUBJECT TO CAPPING EXCEPTION

## LOSS COST % CHANGE BY CLASS

SUBLINE: PRODUCTS

CLASS GROUP : 06

NUMBER OF YEARS OF DATA USED: 5

CHANGE FACTOR = INDEX \* CG REL \* SWRL USED = INDEX \* 0.998 \* 0.854

| CLASS | AYE 2021   | 5 YEAR     | 5 YEAR     | CRED.  | FORMULA | INDEX | CHANGE | PRESENT | PROPOSED | STATE- | PRESENT | PROPOSED  |           |
|-------|------------|------------|------------|--------|---------|-------|--------|---------|----------|--------|---------|-----------|-----------|
|       | MONO/MULTI | MONO/MULTI | MONO/MULTI |        |         |       |        | MULTI-  | MULTI-   | WIDE   |         | STATEWIDE | STATEWIDE |
|       | ALCCL      | ALCCL      | RATIO      |        |         |       |        | STATE   | STATE    | %      |         | OCCUR     | OCCUR     |
|       | (1)        | (2)        | (3)        | (4)    | (5)     | (6)   | (7)    | (8)     | (9)      | (10)   | (11)    | (12)      |           |
| 59975 | 468707     | 2171342    | 0.36854    | 0.1885 | 0.769   | 0.890 | 0.758  | 0.13    | 0.099    | -23.9  | 0.130   | 0.099     |           |
| 59984 | 68192      | 213701     | 0.37611    | 0.0452 | 0.840   | 0.972 | 0.828  | 0.041   | 0.034    | -17.1  | 0.041   | 0.034     |           |
| 59988 | 792        | 4014       | 0.00000    | 0.0264 | 0.839   | 0.971 | 0.828  | 0.05    | 0.041    | -18.0  | 0.050   | 0.041     |           |
| 59989 | 14         | 89         | 0.00000    | 0.0261 | 0.839   | 0.972 | 0.828  | 0.037   | 0.031    | -16.2  | 0.037   | 0.031     |           |

X-TILDE: 0.875  
 TAU SQUARE: 0.03000

X-TILDE (MONOLINE): 0.864  
 SIGMA SQUARED: 326430.920

PI-TILDE 0.0016779

L - CAPPED DOWN  
 U - CAPPED UP  
 N - NOT SUBJECT TO CAPPING  
 E - SUBJECT TO CAPPING EXCEPTION

LOSS COST % CHANGE BY CLASS

SUBLINE: PRODUCTS  
 CLASS GROUP : 07  
 NUMBER OF YEARS OF DATA USED: 5  
 CHANGE FACTOR = INDEX \* CG REL \* SWRL USED = INDEX \* 0.983 \* 0.854

| CLASS | AYE 2021   | 5 YEAR     | 5 YEAR     | CRED.  | FORMULA | INDEX | CHANGE | PRESENT     | PROPOSED    | STATE- | PRESENT | PROPOSED |
|-------|------------|------------|------------|--------|---------|-------|--------|-------------|-------------|--------|---------|----------|
|       | MONO/MULTI | MONO/MULTI | MONO/MULTI |        |         |       |        | MULTI-STATE | MULTI-STATE | WIDE % |         |          |
|       | ALCCL      | ALCCL      | RATIO      |        | ER      |       | FACTOR | OCCUR       | OCCUR       | CHANGE | OCCUR   | OCCUR    |
|       | (1)        | (2)        | (3)        | (4)    | (5)     | (6)   | (7)    | (8)         | (9)         | (10)   | (11)    | (12)     |
| 49239 | 43387      | 255248     | 0.18088    | 0.1380 | 0.653   | 0.889 | 0.746  | 0.360       | 0.270       | -25.0  | 0.360   | 0.270    |
| 50010 | 45088      | 165354     | 2.35869    | 0.1240 | 0.931   | 1.267 | 1.063  | 0.330       | 0.350       | 6.1    | 0.330   | 0.350    |
| 51205 | 1771       | 7110       | 0.00000    | 0.0980 | 0.657   | 0.894 | 0.751  | 0.046       | 0.035       | -23.9  | 0.046   | 0.035    |
| 51206 | 440        | 20920      | 2.88727    | 0.1003 | 0.945   | 1.286 | 1.080  | 0.370       | 0.400       | 8.1    | 0.370   | 0.400    |
| 51220 | 109837     | 413223     | 0.39495    | 0.1618 | 0.675   | 0.918 | 0.771  | 1.480       | 1.140       | -23.0  | 1.480   | 1.140    |
| 51221 | 1288380    | 3300434    | 0.60006    | 0.4589 | 0.670   | 0.911 | 0.765  | 1.470       | 1.120       | -23.8  | 1.470   | 1.120    |
| 51222 | 422568     | 1493337    | 0.30954    | 0.2949 | 0.605   | 0.823 | 0.691  | 4.760       | 3.290       | -30.9  | 4.760   | 3.290    |
| 51224 | 1027212    | 4665834    | 0.70344    | 0.5249 | 0.715   | 0.974 | 0.817  | 1.170       | 0.960       | -18.0  | 1.170   | 0.960    |
| 51230 | 0          | 0          | 0.00000    | 0.0000 | 0.729   | 1.000 | 0.840  | 0.640       | 0.540       | -15.6  | 0.640   | 0.540    |
| 51252 | 874552     | 4764774    | 0.97627    | 0.5255 | 0.859   | 1.169 | 0.981  | 0.061       | 0.060       | -1.6   | 0.061   | 0.060    |
| 51254 | 132        | 35253      | 0.00000    | 0.1027 | 0.654   | 0.890 | 0.747  | 0.025       | 0.019       | -24.0  | 0.025   | 0.019    |
| 51333 | 65595      | 438915     | 1.54858    | 0.1782 | 0.875   | 1.190 | 0.999  | 0.280       | 0.280       | 0.0    | 0.280   | 0.280    |
| 51958 | 197236     | 1320935    | 0.47478    | 0.2749 | 0.659   | 0.897 | 0.753  | 0.310       | 0.233       | -24.8  | 0.310   | 0.233    |
| 51970 | 666300     | 2906110    | 0.97259    | 0.4137 | 0.830   | 1.129 | 0.948  | 0.138       | 0.131       | -5.1   | 0.138   | 0.131    |
| 52433 | 52426      | 242814     | 0.00000    | 0.1361 | 0.629   | 0.857 | 0.719  | 0.650       | 0.470       | -27.7  | 0.650   | 0.470    |
| 52581 | 0          | 149848     | 1.00396    | 0.1211 | 0.762   | 1.037 | 0.871  | 1.800       | 1.570       | -12.8  | 1.800   | 1.570    |
| 52744 | 1171       | 27895      | 0.00000    | 0.1014 | 0.655   | 0.891 | 0.748  | 0.052       | 0.039       | -25.0  | 0.052   | 0.039    |
| 53077 | 186568     | 902866     | 0.77524    | 0.2279 | 0.739   | 1.006 | 0.845  | 0.204       | 0.172       | -15.7  | 0.204   | 0.172    |
| 55597 | 0          | 0          | 0.00000    | 0.0000 | 0.729   | 1.000 | 0.840  | 1.450       | 1.220       | -15.9  | 1.450   | 1.220    |
| 55918 | 394        | 8999       | 0.00000    | 0.0983 | 0.657   | 0.894 | 0.751  | 1.760       | 1.320       | -25.0  | 1.760   | 1.320    |
| 55919 | 0          | 0          | 0.00000    | 0.0000 | 0.729   | 1.000 | 0.840  | 2.950       | 2.480       | -15.9  | 2.950   | 2.480    |
| 56912 | 1056559    | 5155460    | 0.87326    | 0.5390 | 0.807   | 1.098 | 0.922  | 0.089       | 0.082       | -7.9   | 0.089   | 0.082    |
| 57146 | 437620     | 2221623    | 0.95186    | 0.3608 | 0.809   | 1.101 | 0.924  | 0.640       | 0.590       | -7.8   | 0.640   | 0.590    |
| 58737 | 20229      | 100482     | 0.00000    | 0.1134 | 0.646   | 0.879 | 0.738  | 0.490       | 0.360       | -26.5  | 0.490   | 0.360    |
| 59601 | 201771     | 923121     | 0.60408    | 0.2328 | 0.700   | 0.952 | 0.799  | 1.800       | 1.440       | -20.0  | 1.800   | 1.440    |
| 59660 | 468433     | 2344488    | 0.27622    | 0.3704 | 0.561   | 0.764 | 0.641  | 0.830       | 0.550       | -33.7  | 0.830   | 0.550    |
| 59724 | 28221      | 150288     | 1.75995    | 0.1216 | 0.854   | 1.162 | 0.976  | 0.016       | 0.016       | 0.0    | 0.016   | 0.016    |
| 59725 | 742795     | 3639562    | 0.56284    | 0.4608 | 0.652   | 0.888 | 0.745  | 0.126       | 0.094       | -25.4  | 0.126   | 0.094    |
| 59750 | 0          | 12163      | 0.00000    | 0.0988 | 0.657   | 0.894 | 0.750  | 0.141       | 0.106       | -24.8  | 0.141   | 0.106    |
| 59781 | 305726     | 2206194    | 0.54051    | 0.3589 | 0.661   | 0.900 | 0.755  | 0.065       | 0.049       | -24.6  | 0.065   | 0.049    |
| 59782 | 408080     | 2777837    | 1.11411    | 0.4078 | 0.886   | 1.206 | 1.012  | 0.620       | 0.630       | 1.6    | 0.620   | 0.630    |

L

X-TILDE: 0.750 X-TILDE (MONOLINE): 0.735 PI-TILDE 0.0059713  
 TAU SQUARE: 0.03000 SIGMA SQUARED: 162138.754

L - CAPPED DOWN  
 U - CAPPED UP  
 N - NOT SUBJECT TO CAPPING  
 E - SUBJECT TO CAPPING EXCEPTION

MULTISTATE  
LOCAL PRODUCTS/COMPLETED OPERATIONS  
CALCULATION OF AGGREGATE LOSS COSTS  
AT CURRENT LEVEL  
COMBINED SINGLE LIMIT

|                   |                            | \$100,000   |   |                                     |   |                     |   | TRENDED \$100,000 |   |   |
|-------------------|----------------------------|---|---|-------------------------------------|---|---------------------|---|-------------------|---|---|
| TYPE OF<br>POLICY | ACCIDENT<br>YEAR<br>ENDING | BASIC LIMIT<br>AGGREGATE LOSS COSTS<br>AT CURRENT LEVEL | X | EXPOSURE<br>DEVELOPMENT<br>FACTOR + | X | EXPOSURE<br>TREND # | X | AVERAGE<br>IPMF * | = | BASIC LIMIT<br>AGGREGATE LOSS COSTS<br>AT CURRENT LEVEL |
|                   |                            |   |   |                                     |   |                     |   |                   |   |   |
| MONOLINE          | 12/31/2018                 | \$110,857,053   |   | 1.000                               |   | 1.231               |   |                   |   | \$136,465,032   |
|                   | 12/31/2019                 | \$116,101,378   |   | 1.000                               |   | 1.200               |   |                   |   | \$139,321,654   |
|                   | 12/31/2020                 | \$117,531,100   |   | 1.000                               |   | 1.170               |   |                   |   | \$137,511,387   |
|                   | 12/31/2021                 | \$120,971,422   |   | 1.021                               |   | 1.123               |   |                   |   | \$138,703,776   |
| MULTILINE         | 12/31/2018                 | \$232,400,047   |   | 1.000                               |   | 1.234               |   | 0.993             |   | \$284,774,186   |
|                   | 12/31/2019                 | \$237,353,821   |   | 1.000                               |   | 1.204               |   | 0.994             |   | \$284,059,357   |
|                   | 12/31/2020                 | \$234,455,174   |   | 1.000                               |   | 1.178               |   | 0.994             |   | \$274,531,066   |
|                   | 12/31/2021                 | \$236,379,549   |   | 1.021                               |   | 1.129               |   | 0.993             |   | \$270,569,496   |
| TOTAL             | 12/31/2018                 |   |   |                                     |   |                     |   |                   |   | \$421,239,218   |
|                   | 12/31/2019                 |   |   |                                     |   |                     |   |                   |   | \$423,381,011   |
|                   | 12/31/2020                 |   |   |                                     |   |                     |   |                   |   | \$412,042,453   |
|                   | 12/31/2021                 |   |   |                                     |   |                     |   |                   |   | \$409,273,272   |

+ THE DERIVATION OF THE EXPOSURE DEVELOPMENT FACTOR IS SHOWN IN SECTION C, EXHIBIT C18 - CALCULATION OF EXPOSURE DEVELOPMENT FACTORS.

# AGGREGATE LOSS COSTS AT CURRENT LEVEL HAVE BEEN TRENDED FROM AN AVERAGE DATE OF COVERAGE TO ONE YEAR BEYOND AN ASSUMED EFFECTIVE DATE OF 10/01/2023 BY AN EXPONENTIAL PROJECTION OF THE AVERAGE ANNUAL EXPOSURE TREND FACTOR. THE DERIVATION OF THIS EXPOSURE TREND FACTOR IS SHOWN IN SECTION C, EXHIBIT C21 - AVERAGE ANNUAL EXPOSURE TRENDS.

\* THE IMPLICIT PACKAGE MODIFICATION FACTORS APPLIED TO THE DATA FOR INDIVIDUAL PROGRAMS ARE SHOWN IN SECTION C, EXHIBIT C17 - IMPLICIT PACKAGE MODIFICATION FACTORS BY TYPE OF POLICY.

NOTE: THE FACTORS SHOWN ABOVE ARE WEIGHTED AVERAGES OVER ALL STATES.

MULTISTATE  
LOCAL PRODUCTS/COMPLETED OPERATIONS  
OCCURRENCE  
FULL COVERAGE  
CALCULATION OF INCURRED LOSSES

|               |                  |                      | \$100,000    |             |                                |   |                   |   |                | \$100,000   |                 |   |                         |
|---------------|------------------|----------------------|--------------|-------------|--------------------------------|---|-------------------|---|----------------|-------------|-----------------|---|-------------------------|
|               |                  |                      | BASIC LIMIT  | UNALLOCATED |                                |   |                   |   |                | BASIC LIMIT |                 |   |                         |
|               |                  |                      | LOSSES       | LOSS        |                                |   |                   |   |                | DEVELOPED & |                 |   |                         |
| REPORT TYPE   | LOSS DESCRIPTION | ACCIDENT YEAR ENDING | AND ALAE *   | X           | INDEMNITY DEVELOPMENT FACTOR # | X | ADJUSTMENT FACTOR | X | SEVERITY TREND | X           | FREQUENCY TREND | = | TRENDED LOSSES AND ALAE |
| BI            | B/L INDEMNITY    | 12/31/2018           | \$25,665,221 |             | 0.989                          |   | 1.075             |   | 1.571          |             | 1.000           |   | \$42,868,614            |
|               |                  | 12/31/2019           | \$26,007,149 |             | 1.091                          |   | 1.075             |   | 1.462          |             | 1.000           |   | \$44,603,098            |
|               |                  | 12/31/2020           | \$16,575,626 |             | 1.528                          |   | 1.075             |   | 1.360          |             | 1.000           |   | \$37,032,121            |
|               |                  | 12/31/2021           | \$13,460,079 |             | 2.565                          |   | 1.075             |   | 1.265          |             | 1.000           |   | \$46,952,326            |
| BI            | ALAE             | 12/31/2018           | \$21,724,837 |             |                                |   | 1.075             |   | 1.571          |             | 1.000           |   | \$36,689,448            |
|               |                  | 12/31/2019           | \$23,695,527 |             |                                |   | 1.075             |   | 1.462          |             | 1.000           |   | \$37,241,075            |
|               |                  | 12/31/2020           | \$21,838,807 |             |                                |   | 1.075             |   | 1.360          |             | 1.000           |   | \$31,928,336            |
|               |                  | 12/31/2021           | \$32,268,476 |             |                                |   | 1.075             |   | 1.265          |             | 1.000           |   | \$43,881,094            |
| PD            | B/L INDEMNITY    | 12/31/2018           | \$83,661,744 |             | 1.253                          |   | 1.075             |   | 1.278          |             | 1.000           |   | \$144,021,386           |
|               |                  | 12/31/2019           | \$77,908,670 |             | 1.363                          |   | 1.075             |   | 1.229          |             | 1.000           |   | \$140,287,217           |
|               |                  | 12/31/2020           | \$67,682,983 |             | 1.508                          |   | 1.075             |   | 1.181          |             | 1.000           |   | \$129,601,179           |
|               |                  | 12/31/2021           | \$57,633,573 |             | 1.779                          |   | 1.075             |   | 1.136          |             | 1.000           |   | \$125,210,645           |
| PD            | ALAE             | 12/31/2018           | \$81,245,396 |             |                                |   | 1.075             |   | 1.278          |             | 1.000           |   | \$111,618,987           |
|               |                  | 12/31/2019           | \$77,137,340 |             |                                |   | 1.075             |   | 1.229          |             | 1.000           |   | \$101,911,925           |
|               |                  | 12/31/2020           | \$78,808,004 |             |                                |   | 1.075             |   | 1.181          |             | 1.000           |   | \$100,052,672           |
|               |                  | 12/31/2021           | \$82,523,608 |             |                                |   | 1.075             |   | 1.136          |             | 1.000           |   | \$100,777,830           |
| TOTAL         |                  |                      |              |             |                                |   |                   |   |                |             |                 |   |                         |
| FULL COVERAGE |                  | 12/31/2018           |              |             |                                |   |                   |   |                |             |                 |   | \$335,198,435           |
|               |                  | 12/31/2019           |              |             |                                |   |                   |   |                |             |                 |   | \$324,043,315           |
|               |                  | 12/31/2020           |              |             |                                |   |                   |   |                |             |                 |   | \$298,614,308           |
|               |                  | 12/31/2021           |              |             |                                |   |                   |   |                |             |                 |   | \$316,821,895           |

\* Incurred indemnity losses are as reported. The ALAE have been developed, using the additive ALAE development procedure as explained in Explanatory Pages C-6 to C-8.

# The indemnity development factors shown are weighted averages over all states and all Local Products/Completed Operations class groups.

MULTISTATE  
LOCAL PRODUCTS/COMPLETED OPERATIONS  
OCCURRENCE  
DED COVERAGE  
CALCULATION OF INCURRED LOSSES

| REPORT TYPE        | LOSS DESCRIPTION | ACCIDENT YEAR ENDING | \$100,000          | \$100,000                         | UNALLOCATED     | SEVERITY TREND | FREQUENCY TREND | = | \$100,000                              |
|--------------------|------------------|----------------------|--------------------|-----------------------------------|-----------------|----------------|-----------------|---|--|
|                    |                  |                      | BASIC LIMIT LOSSES | BASIC LIMIT INDEMNITY DEVELOPMENT | LOSS ADJUSTMENT |                |                 |   | BASIC LIMIT DEVELOPED & TRENDED LOSSES |
|                    |                  |                      | AND ALAE *         | X FACTOR #                        | X FACTOR        |                |                 |   | AND ALAE                               |
| BI                 | B/L INDEMNITY    | 12/31/2018           | \$3,629,714        | 1.054                             | 1.075           | 1.571          | 1.000           |   | \$6,458,831                            |
|                    |                  | 12/31/2019           | \$3,628,368        | 1.229                             | 1.075           | 1.462          | 1.000           |   | \$7,006,984                            |
|                    |                  | 12/31/2020           | \$2,839,986        | 1.426                             | 1.075           | 1.360          | 1.000           |   | \$5,921,179                            |
|                    |                  | 12/31/2021           | \$1,952,335        | 2.922                             | 1.075           | 1.265          | 1.000           |   | \$7,756,710                            |
| BI                 | ALAE             | 12/31/2018           | \$3,272,053        |                                   | 1.075           | 1.571          | 1.000           |   | \$5,525,925                            |
|                    |                  | 12/31/2019           | \$3,940,356        |                                   | 1.075           | 1.462          | 1.000           |   | \$6,192,860                            |
|                    |                  | 12/31/2020           | \$3,275,086        |                                   | 1.075           | 1.360          | 1.000           |   | \$4,788,176                            |
|                    |                  | 12/31/2021           | \$3,704,433        |                                   | 1.075           | 1.265          | 1.000           |   | \$5,037,566                            |
| PD                 | B/L INDEMNITY    | 12/31/2018           | \$26,228,463       | 1.306                             | 1.075           | 1.278          | 1.000           |   | \$47,075,605                           |
|                    |                  | 12/31/2019           | \$21,118,524       | 1.417                             | 1.075           | 1.229          | 1.000           |   | \$39,529,263                           |
|                    |                  | 12/31/2020           | \$15,788,444       | 1.662                             | 1.075           | 1.181          | 1.000           |   | \$33,315,420                           |
|                    |                  | 12/31/2021           | \$12,597,201       | 2.006                             | 1.075           | 1.136          | 1.000           |   | \$30,852,474                           |
| PD                 | ALAE             | 12/31/2018           | \$26,665,860       |                                   | 1.075           | 1.278          | 1.000           |   | \$36,634,891                           |
|                    |                  | 12/31/2019           | \$26,374,975       |                                   | 1.075           | 1.229          | 1.000           |   | \$34,845,957                           |
|                    |                  | 12/31/2020           | \$20,329,477       |                                   | 1.075           | 1.181          | 1.000           |   | \$25,809,796                           |
|                    |                  | 12/31/2021           | \$18,938,753       |                                   | 1.075           | 1.136          | 1.000           |   | \$23,128,005                           |
| TOTAL DED COVERAGE |                  | 12/31/2018           |                    |                                   |                 |                |                 |   | \$95,695,252                           |
|                    |                  | 12/31/2019           |                    |                                   |                 |                |                 |   | \$87,575,064                           |
|                    |                  | 12/31/2020           |                    |                                   |                 |                |                 |   | \$69,834,571                           |
|                    |                  | 12/31/2021           |                    |                                   |                 |                |                 |   | \$66,774,755                           |
| TOTAL OCCURRENCE   |                  | 12/31/2018           |                    |                                   |                 |                |                 |   | \$430,893,689                          |
|                    |                  | 12/31/2019           |                    |                                   |                 |                |                 |   | \$411,618,380                          |
|                    |                  | 12/31/2020           |                    |                                   |                 |                |                 |   | \$368,448,880                          |
|                    |                  | 12/31/2021           |                    |                                   |                 |                |                 |   | \$383,596,651                          |

\* Incurred indemnity losses are as reported. The ALAE have been developed, using the additive ALAE development procedure as explained in Explanatory Pages C-6 to C-8.

# The indemnity development factors shown are weighted averages over all states and all Local Products/Completed Operations class groups.

## Minnesota

Local Products / Completed Operations

Subline Code 336

Combined Single Limit

## Implicit Package Modification Factors (A) by Type of Policy

| <u>Type of<br/>Policy (B)</u> | <u>Description</u>             | <u>Implicit Package<br/>Modification Factors</u> |
|-------------------------------|--------------------------------|--|
| 31                            | Not Applicable                 | --   |
| 32                            | Not Applicable                 | --   |
| 33                            | Not Applicable                 | --   |
| 34                            | Mercantile Policy              | 1.221  |
| 35                            | Not Applicable                 | --   |
| 36                            | Service Policy                 | 1.133  |
| 37                            | Industrial / Processing Policy | 1.194  |
| 38                            | Contractors Policy             | 0.893  |

- (A) Implicit Package Modification Factors shown above reflect the package modifications currently in the ISO manual for Local Product / Completed Operations for each type of package policy. More specifically, the G.L. and Property Implicit Package Modification Factors are calculated so that they average to the current manual CPP modification factors that apply to both property and liability.
- (B) Combined data for risks written under the ISO CPP Program and individual insurer CMP programs have been used. These Implicit Package Modification Factors were applied to the aggregate loss costs at current level in each accident year. The average implicit package modification factor for each accident year is shown in Section C, Exhibit C16, page 1 - Calculation of Aggregate Loss Costs at Current Level. The difference in average implicit package modification factor results from varying aggregate loss-costs-at-current-level distributions by Type of Policy in each year.



## MINNESOTA

## LOCAL PRODUCTS/COMPLETED OPERATIONS

FULL & DEDUCTIBLE COMBINED  
TOTAL LIMITS PREMIUM

## CALCULATION OF EXPOSURE DEVELOPMENT FACTORS

| (1)<br>Evaluation<br>Period | (2)<br>Multistate<br>Ratio (a) | (3)<br>State<br>Ratio (b) | (4)<br>Credibility<br>(c) | (5)<br>Weighted<br>Ratio (d) | (6)<br>Credibility<br>Constant (Ki) |
|-----------------------------|--------------------------------|---------------------------|---------------------------|------------------------------|-------------------------------------|
| 15 to 27 Months             | 1.020                          | 1.024                     | 0.9402                    | 1.024                        | 2,600,000                           |
| 27 to 39 Months             | 1.000                          | 1.001                     | 0.5942                    | 1.001                        | 29,000,000                          |
| Accident<br>Year Ending     | Exposure Development From      |                           |                           |                              | Factor                              |
|                             | <u>27:15</u>                   | <u>39:27</u>              | <u>ULT:39</u>             |                              |                                     |
| 12/31/2019                  |                                |                           | 1.000                     |                              | 1.000                               |
| 12/31/2020                  |                                | 1.001                     | 1.000                     |                              | 1.001                               |
| 12/31/2021                  | 1.024                          | 1.001                     | 1.000                     |                              | 1.024                               |

(a) See Section C - Multistate Premium Development.

(b) See Section C - Statewide Premium Development.

(c) Credibility is based upon the statewide premium for each evaluation period.  
Exposures are assumed to be mature at 39 months.(d)  $\{(3) \times (4)\} + \{(2) \times \{1.000 - (4)\}\}$

MINNESOTA  
LOCAL PRODUCTS/COMPLETED OPERATIONS

COMBINED SINGLE LIMIT  
TOTAL LIMITS PREMIUM DEVELOPMENT  
SUBLINE 336  
FULL & DEDUCTIBLE  
ACCIDENT YEAR DATA

| Accident<br>Year Ending | 15 Months  | 27 Months  | 39 Months  | 51 Months  | 63 Months  | 75 Months  | 87 Months  | 99 Months  |
|-------------------------|------------|------------|------------|------------|------------|------------|------------|------------|
| 12/31/2014              | 12,255,095 | 12,413,975 | 12,400,810 | 12,406,654 | 12,406,334 | 12,406,107 | 12,406,107 | 12,406,107 |
| 12/31/2015              | 13,334,204 | 13,669,731 | 13,682,379 | 13,690,259 | 13,689,364 | 13,689,364 | 13,689,364 |            |
| 12/31/2016              | 13,818,969 | 14,197,139 | 14,193,462 | 14,193,821 | 14,193,770 | 14,193,903 |            |            |
| 12/31/2017              | 13,675,767 | 13,972,144 | 13,982,772 | 13,986,737 | 13,987,029 |            |            |            |
| 12/31/2018              | 13,784,600 | 14,124,543 | 14,136,390 | 14,134,697 |            |            |            |            |
| 12/31/2019              | 14,077,436 | 14,375,744 | 14,377,370 |            |            |            |            |            |
| 12/31/2020              | 13,004,860 | 13,321,681 |            |            |            |            |            |            |
| 12/31/2021              | 12,735,021 |            |            |            |            |            |            |            |

LINK RATIOS

| Accident<br>Year Ending | 27:15 | 39:27 | 51:39 | 63:51 | 75:63 | 87:75 | 99:87 |
|-------------------------|-------|-------|-------|-------|-------|-------|-------|
| 12/31/2014              | 1.013 | 0.999 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 |
| 12/31/2015              | 1.025 | 1.001 | 1.001 | 1.000 | 1.000 | 1.000 |       |
| 12/31/2016              | 1.027 | 1.000 | 1.000 | 1.000 | 1.000 |       |       |
| 12/31/2017              | 1.022 | 1.001 | 1.000 | 1.000 |       |       |       |
| 12/31/2018              | 1.025 | 1.001 | 1.000 |       |       |       |       |
| 12/31/2019              | 1.021 | 1.000 |       |       |       |       |       |
| 12/31/2020              | 1.024 |       |       |       |       |       |       |

Average Best 3 of 5  
27:15      39:27  
 1.024      1.001

MULTISTATE  
LOCAL PRODUCTS/COMPLETED OPERATIONS

COMBINED SINGLE LIMIT  
TOTAL LIMITS PREMIUM DEVELOPMENT  
SUBLINE 336  
FULL & DEDUCTIBLE  
ACCIDENT YEAR DATA

| Accident<br>Year Ending | 15 Months   | 27 Months   | 39 Months   | 51 Months   | 63 Months   | 75 Months   | 87 Months   | 99 Months   |
|-------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| 12/31/2014              | 603,689,039 | 620,272,877 | 619,963,971 | 620,051,028 | 620,040,600 | 620,029,238 | 620,025,083 | 620,022,205 |
| 12/31/2015              | 641,943,128 | 658,632,024 | 658,661,017 | 658,629,224 | 658,581,963 | 658,572,162 | 658,570,142 |             |
| 12/31/2016              | 664,701,544 | 683,399,071 | 683,364,817 | 683,379,529 | 683,385,478 | 683,390,676 |             |             |
| 12/31/2017              | 683,720,671 | 697,973,903 | 697,667,930 | 697,622,895 | 697,646,219 |             |             |             |
| 12/31/2018              | 704,102,473 | 718,042,862 | 717,604,291 | 717,702,371 |             |             |             |             |
| 12/31/2019              | 714,718,189 | 727,311,491 | 726,661,171 |             |             |             |             |             |
| 12/31/2020              | 684,195,655 | 694,726,289 |             |             |             |             |             |             |
| 12/31/2021              | 696,276,384 |             |             |             |             |             |             |             |

LINK RATIOS

| Accident<br>Year Ending | 27:15 | 39:27 | 51:39 | 63:51 | 75:63 | 87:75 | 99:87 |
|-------------------------|-------|-------|-------|-------|-------|-------|-------|
| 12/31/2014              | 1.027 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 |
| 12/31/2015              | 1.026 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 |       |
| 12/31/2016              | 1.028 | 1.000 | 1.000 | 1.000 | 1.000 |       |       |
| 12/31/2017              | 1.021 | 1.000 | 1.000 | 1.000 |       |       |       |
| 12/31/2018              | 1.020 | 0.999 | 1.000 |       |       |       |       |
| 12/31/2019              | 1.018 | 0.999 |       |       |       |       |       |
| 12/31/2020              | 1.015 |       |       |       |       |       |       |

Average Best 3 of 5  
27:15      39:27  
 1.020      1.000

## MINNESOTA

## Completed Operations

Bodily Injury  
Full Coverage  
Incurred Losses Excluding ALAE

## Calculation of Loss Development Factors

| (1)                  | (2)                                 | (3)                | (4)                | (5)                   |                              |
|----------------------|-------------------------------------|--------------------|--------------------|-----------------------|------------------------------|
| Evaluation<br>Period | Multistate<br>Ratio (A)             | State<br>Ratio (B) | Credibility<br>(C) | Weighted<br>Ratio (D) | Credibility<br>Constant (K1) |
| 15 to 27 Months      | 2.010                               | 1.374              | 0.3515             | 1.786                 | 470,000                      |
| 27 to 39 Months      | 1.491                               | 1.146              | 0.5501             | 1.301                 | 510,000                      |
| 39 to 51 Months      | 1.127                               | 1.018              | 0.4820             | 1.074                 | 550,000                      |
| 51 to 63 Months      | 1.008                               | 1.215              | 0.4635             | 1.104                 | 600,000                      |
| 63 to 75 Months      | 0.996                               | 0.934              | 0.2711             | 0.979                 | 650,000                      |
| 75 to 87 Months      | 1.004                               | 1.000              | 0.2366             | 1.003                 | 700,000                      |
| 87 to 99 Months      | 0.991                               | 1.000              | 0.2078             | 0.993                 | 760,000                      |
| 99 to 111 Months     | 0.995                               | 1.000              | 0.0766             | 0.995                 | 820,000                      |
| 111 to 123 Months    | 0.994                               | 1.000              | 0.0777             | 0.994                 | 890,000                      |
| 123 to 135 Months    | 0.999                               | 1.000              | 0.1281             | 0.999                 | 970,000                      |
| 135 to 147 Months    | 1.001                               | 1.000              | 0.1117             | 1.001                 | 1,100,000                    |
| 147 to 159 Months    | 0.997                               | 1.000              | 0.1961             | 0.998                 | 1,100,000                    |
| 159 to 171 Months    | 0.998                               | 1.000              | 0.1700             | 0.998                 | 1,300,000                    |
| 171 to 183 Months    | 1.001                               | 1.000              | 0.1827             | 1.001                 | 1,300,000                    |
| 183 to 195 Months    | 1.000                               | 1.000              | 0.1280             | 1.000                 | 1,500,000                    |
| 195 to 207 Months    | 1.000                               | 1.000              | 0.1021             | 1.000                 | 1,600,000                    |
| 207 to 219 Months    | 1.000                               | 1.000              | 0.1827             | 1.000                 | 1,800,000                    |
| 219 to 231 Months    | 1.000                               | 1.000              | 0.1443             | 1.000                 | 1,900,000                    |
| 231 to 243 Months    | 1.000                               | 1.000              | 0.1056             | 1.000                 | 2,100,000                    |
| 243 to Ultimate      | The Multistate ratio has been used. |                    |                    |                       |                              |

| Accident Year | Loss Development From |                |                |                |                |                |                |                |                |         |               |
|---------------|-----------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|---------|---------------|
| Ending        | 27:15                 | 39:27          | 51:39          | 63:51          | 75:63          | 87:75          | 99:87          | 111:99         | 123:111        | 135:123 | 147:135       |
| 12/31/2019    |                       |                | 1.074          | 1.104          | 0.979          | 1.003          | 0.993          | 0.995          | 0.994          | 0.999   | 1.001         |
| 12/31/2020    |                       | 1.301          | 1.074          | 1.104          | 0.979          | 1.003          | 0.993          | 0.995          | 0.994          | 0.999   | 1.001         |
| 12/31/2021    | 1.786                 | 1.301          | 1.074          | 1.104          | 0.979          | 1.003          | 0.993          | 0.995          | 0.994          | 0.999   | 1.001         |
|               | <u>159:147</u>        | <u>171:159</u> | <u>183:171</u> | <u>195:183</u> | <u>207:195</u> | <u>219:207</u> | <u>231:219</u> | <u>243:231</u> | <u>ULT:243</u> |         | <u>Factor</u> |
| 12/31/2019    | 0.998                 | 0.998          | 1.001          | 1.000          | 1.000          | 1.000          | 1.000          | 1.000          | 1.000          |         | 1.141         |
| 12/31/2020    | 0.998                 | 0.998          | 1.001          | 1.000          | 1.000          | 1.000          | 1.000          | 1.000          | 1.000          |         | 1.485         |
| 12/31/2021    | 0.998                 | 0.998          | 1.001          | 1.000          | 1.000          | 1.000          | 1.000          | 1.000          | 1.000          |         | 2.653         |

(A) See Exhibit C19 - Multistate Loss Development.

(B) See Exhibit C19 - Statewide Loss Development.

(C) Credibility is based upon the statewide losses for each evaluation period.

(D)  $\{(3) \times (4)\} + \{(2) \times \{1.000 - (4)\}\}$

## MINNESOTA

Completed Operations  
 Bodily Injury  
 Full Coverage  
 ALAE

## Calculation of Cumulative Incremental Factors

| (1)                  | (2)  |
|----------------------|--|
| Evaluation<br>Period | Multistate<br>Ratio (A)                    |
| 15 to 27 Months      | 0.0549                                     |
| 27 to 39 Months      | 0.1102                                     |
| 39 to 51 Months      | 0.1081                                     |
| 51 to 63 Months      | 0.0692                                     |
| 63 to 75 Months      | 0.0410                                     |
| 75 to 87 Months      | 0.0278                                     |
| 87 to 99 Months      | 0.0043                                     |
| 99 to 111 Months     | 0.0023                                     |
| 111 to 123 Months    | 0.0096                                     |
| 123 to 135 Months    | 0.0011                                     |
| 135 to 147 Months    | 0.0026                                     |
| 147 to 159 Months    | 0.0011                                     |
| 159 to 171 Months    | 0.0014                                     |
| 171 to Ultimate      | A multistate ratio of 1.008 has been used. |

| Cumulative Incremental Factors |           |            |            |            |            |            |            |
|--------------------------------|-----------|------------|------------|------------|------------|------------|------------|
| Months-to-Ultimate             | <u>15</u> | <u>27</u>  | <u>39</u>  | <u>51</u>  | <u>63</u>  | <u>75</u>  | <u>87</u>  |
|                                | 0.434     | 0.379      | 0.269      | 0.160      | 0.091      | 0.050      | 0.022      |
| Months-to-Ultimate             | <u>99</u> | <u>111</u> | <u>123</u> | <u>135</u> | <u>147</u> | <u>159</u> | <u>171</u> |
|                                | 0.018     | 0.016      | 0.006      | 0.005      | 0.003      | 0.001      | 0.000      |

| <u>Full coverage</u> |                  | Reported         | \$500,000     |             |                   |               |             |
|----------------------|------------------|------------------|---------------|-------------|-------------------|---------------|-------------|
| A.Y.E                | ALAE as of       | Ultimate         | ALAE          | Additional  | ALAE at           | 171-Ultimate  | Ultimate    |
|                      | <u>3/31/2022</u> | <u>Indemnity</u> | <u>Factor</u> | <u>ALAE</u> | <u>171 Months</u> | <u>Factor</u> | <u>ALAE</u> |
| 12/31/2019           | 17,084           | 373,387          | 0.269         | 100,254     | 117,338           | 1.008         | 118,277     |
| 12/31/2020           | 25,701           | 927,748          | 0.379         | 351,338     | 377,039           | 1.008         | 380,055     |
| 12/31/2021           | 760              | 249,251          | 0.434         | 108,075     | 108,835           | 1.008         | 109,706     |

(A) See Exhibit C19 - Multistate Loss Development.

Note : Completed Operations Incremental ALAE Factors are calculated using multistate data.

## MINNESOTA

## Completed Operations

Property Damage  
Full Coverage  
Incurred Losses Excluding ALAE

## Calculation of Loss Development Factors

| (1)                  | (2)                                 | (3)                | (4)                | (5)                   |                              |
|----------------------|-------------------------------------|--------------------|--------------------|-----------------------|------------------------------|
| Evaluation<br>Period | Multistate<br>Ratio (A)             | State<br>Ratio (B) | Credibility<br>(C) | Weighted<br>Ratio (D) | Credibility<br>Constant (Ki) |
| 15 to 27 Months      | 1.247                               | 1.323              | 0.7311             | 1.303                 | 910,000                      |
| 27 to 39 Months      | 1.113                               | 1.075              | 0.7558             | 1.084                 | 990,000                      |
| 39 to 51 Months      | 1.087                               | 1.024              | 0.7669             | 1.039                 | 1,100,000                    |
| 51 to 63 Months      | 1.041                               | 0.922              | 0.7708             | 0.949                 | 1,200,000                    |
| 63 to 75 Months      | 1.047                               | 0.991              | 0.7523             | 1.005                 | 1,300,000                    |
| 75 to 87 Months      | 1.042                               | 0.968              | 0.7370             | 0.987                 | 1,400,000                    |
| 87 to 99 Months      | 1.025                               | 0.990              | 0.7030             | 1.000                 | 1,500,000                    |
| 99 to 111 Months     | 1.026                               | 1.015              | 0.6718             | 1.019                 | 1,600,000                    |
| 111 to 123 Months    | 1.010                               | 1.004              | 0.6891             | 1.006                 | 1,700,000                    |
| 123 to 135 Months    | 1.004                               | 0.990              | 0.7238             | 0.994                 | 1,800,000                    |
| 135 to 147 Months    | 1.003                               | 1.000              | 0.7390             | 1.001                 | 2,000,000                    |
| 147 to 159 Months    | 1.003                               | 0.999              | 0.7799             | 1.000                 | 2,100,000                    |
| 159 to 171 Months    | 1.005                               | 1.000              | 0.7640             | 1.001                 | 2,300,000                    |
| 171 to 183 Months    | 1.004                               | 1.000              | 0.7499             | 1.001                 | 2,500,000                    |
| 183 to 195 Months    | 1.005                               | 0.999              | 0.6992             | 1.001                 | 2,700,000                    |
| 195 to 207 Months    | 1.001                               | 1.000              | 0.6801             | 1.000                 | 2,900,000                    |
| 207 to 219 Months    | 1.000                               | 1.000              | 0.7405             | 1.000                 | 3,100,000                    |
| 219 to 231 Months    | 1.000                               | 1.000              | 0.6694             | 1.000                 | 3,300,000                    |
| 231 to 243 Months    | 1.000                               | 1.000              | 0.5737             | 1.000                 | 3,500,000                    |
| 243 to Ultimate      | The Multistate ratio has been used. |                    |                    |                       |                              |

| Accident Year | Loss Development From |                |                |                |                |                |                |                |                |         |               |
|---------------|-----------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|---------|---------------|
| Ending        | 27:15                 | 39:27          | 51:39          | 63:51          | 75:63          | 87:75          | 99:87          | 111:99         | 123:111        | 135:123 | 147:135       |
| 12/31/2019    |                       |                | 1.039          | 0.949          | 1.005          | 0.987          | 1.000          | 1.019          | 1.006          | 0.994   | 1.001         |
| 12/31/2020    |                       | 1.084          | 1.039          | 0.949          | 1.005          | 0.987          | 1.000          | 1.019          | 1.006          | 0.994   | 1.001         |
| 12/31/2021    | 1.303                 | 1.084          | 1.039          | 0.949          | 1.005          | 0.987          | 1.000          | 1.019          | 1.006          | 0.994   | 1.001         |
|               | <u>159:147</u>        | <u>171:159</u> | <u>183:171</u> | <u>195:183</u> | <u>207:195</u> | <u>219:207</u> | <u>231:219</u> | <u>243:231</u> | <u>ULT:243</u> |         | <u>Factor</u> |
| 12/31/2019    | 1.000                 | 1.001          | 1.001          | 1.001          | 1.000          | 1.000          | 1.000          | 1.000          | 1.000          |         | 1.001         |
| 12/31/2020    | 1.000                 | 1.001          | 1.001          | 1.001          | 1.000          | 1.000          | 1.000          | 1.000          | 1.000          |         | 1.085         |
| 12/31/2021    | 1.000                 | 1.001          | 1.001          | 1.001          | 1.000          | 1.000          | 1.000          | 1.000          | 1.000          |         | 1.413         |

(A) See Exhibit C19 - Multistate Loss Development.

(B) See Exhibit C19 - Statewide Loss Development.

(C) Credibility is based upon the statewide losses for each evaluation period.

(D)  $\{(3) \times (4)\} + \{(2) \times \{1.000 - (4)\}\}$

## MINNESOTA

Completed Operations  
Property Damage  
Full Coverage  
ALAE

## Calculation of Cumulative Incremental Factors

| (1)                  | (2)  |
|----------------------|--|
| Evaluation<br>Period | Multistate<br>Ratio (A)                    |
| 15 to 27 Months      | 0.0619                                     |
| 27 to 39 Months      | 0.0793                                     |
| 39 to 51 Months      | 0.0741                                     |
| 51 to 63 Months      | 0.0599                                     |
| 63 to 75 Months      | 0.0460                                     |
| 75 to 87 Months      | 0.0300                                     |
| 87 to 99 Months      | 0.0250                                     |
| 99 to 111 Months     | 0.0248                                     |
| 111 to 123 Months    | 0.0221                                     |
| 123 to 135 Months    | 0.0170                                     |
| 135 to 147 Months    | 0.0169                                     |
| 147 to 159 Months    | 0.0136                                     |
| 159 to 171 Months    | 0.0060                                     |
| 171 to Ultimate      | A multistate ratio of 1.029 has been used. |

| Cumulative Incremental Factors |           |            |            |            |            |            |            |
|--------------------------------|-----------|------------|------------|------------|------------|------------|------------|
| Months-to-Ultimate             | <u>15</u> | <u>27</u>  | <u>39</u>  | <u>51</u>  | <u>63</u>  | <u>75</u>  | <u>87</u>  |
|                                | 0.477     | 0.415      | 0.335      | 0.261      | 0.201      | 0.155      | 0.125      |
| Months-to-Ultimate             | <u>99</u> | <u>111</u> | <u>123</u> | <u>135</u> | <u>147</u> | <u>159</u> | <u>171</u> |
|                                | 0.100     | 0.076      | 0.054      | 0.037      | 0.020      | 0.006      | 0.000      |

| <u>Full coverage</u> |            | Reported   | \$500,000 |        |            |            |              |
|----------------------|------------|------------|-----------|--------|------------|------------|--------------|
|                      | A.Y.E      | ALAE as of | Ultimate  | ALAE   | Additional | ALAE at    | 171-Ultimate |
|                      |            | 3/31/2022  | Indemnity | Factor | ALAE       | 171 Months | Factor       |
|                      |            |            |           |        |            |            | ALAE         |
|                      | 12/31/2019 | 623,970    | 2,045,579 | 0.335  | 686,087    | 1,310,057  | 1.029        |
|                      | 12/31/2020 | 766,873    | 2,389,774 | 0.415  | 991,039    | 1,757,912  | 1.029        |
|                      | 12/31/2021 | 180,050    | 2,158,528 | 0.477  | 1,028,754  | 1,208,804  | 1.029        |
|                      |            |            |           |        |            |            | 1,243,860    |

(A) See Exhibit C19 - Multistate Loss Development.

Note : Completed Operations Incremental ALAE Factors are calculated using multistate data.

Completed Operations (Subline Code 336)  
Full Coverage  
MINNESOTA  
Bodily Injury - Occurrence  
Incurred Accident Year Basic Limits Loss Development Excluding ALAE

| \$100,000 Basic Limit Losses as of : |                  |                  |                  |                  |                  |                  |                  |                  |                   |                   |                   |
|--------------------------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-------------------|-------------------|-------------------|
| A.Y.E.                               | <u>15 Months</u> | <u>27 Months</u> | <u>39 Months</u> | <u>51 Months</u> | <u>63 Months</u> | <u>75 Months</u> | <u>87 Months</u> | <u>99 Months</u> | <u>111 Months</u> | <u>123 Months</u> | <u>135 Months</u> |
| 12/31/2002                           | 128,500          | 475,000          | 284,555          | 254,455          | 255,455          | 257,956          | 247,955          | 247,955          | 247,955           | 247,955           | 247,955           |
| 12/31/2003                           | 1,000            | 34,730           | 104,082          | 97,445           | 114,445          | 79,095           | 79,095           | 72,695           | 69,752            | 69,752            | 69,752            |
| 12/31/2004                           | 174,963          | 239,724          | 79,919           | 130,244          | 90,425           | 91,222           | 92,003           | 82,003           | 82,003            | 82,003            | 82,003            |
| 12/31/2005                           | 5,000            | 43,968           | 65,968           | 105,200          | 127,000          | 27,001           | 27,631           | 37,631           | 27,631            | 27,631            | 32,631            |
| 12/31/2006                           | 65,510           | 92,509           | 185,509          | 110,509          | 110,509          | 110,509          | 110,509          | 110,509          | 110,509           | 110,509           | 110,509           |
| 12/31/2007                           | 56,468           | 60,320           | 135,669          | 77,081           | 82,703           | 80,013           | 147,513          | 152,513          | 152,513           | 152,513           | 152,513           |
| 12/31/2008                           | 25,606           | 10,606           | 606              | 13,102           | 3,314            | 3,314            | 3,314            | 3,314            | 3,314             | 3,314             | 3,314             |
| 12/31/2009                           | 31,003           | 3,000            | 219,811          | 112,500          | 112,500          | 112,500          | 112,500          | 112,500          | 112,500           | 112,500           | 112,500           |
| 12/31/2010                           | 51,000           | 41,000           | 71,010           | 71,000           | 20,000           | 20,000           | 44,059           | 22,500           | 22,500            | 22,500            | 22,500            |
| 12/31/2011                           | 35,000           | 10,000           | 32,500           | 49,821           | 50,989           | 7,500            | 7,500            | 7,500            | 7,500             | 7,500             | 7,500             |
| 12/31/2012                           | 57,000           | 20,000           | 57,500           | 10,000           | 110,000          | 45,000           | 45,000           | 45,000           | 45,000            | 45,000            |                   |
| 12/31/2013                           | 8,597            | 11,497           | 115,533          | 40,533           | 15,533           | 15,533           | 15,533           | 15,533           | 15,533            | 15,533            |                   |
| 12/31/2014                           | 77,149           | 69,418           | 142,028          | 95,368           | 145,868          | 143,868          | 138,868          | 138,868          |                   |                   |                   |
| 12/31/2015                           | 84,000           | 62,605           | 57,605           | 57,605           | 57,605           | 57,605           | 57,605           |                  |                   |                   |                   |
| 12/31/2016                           | 61,000           | 76,165           | 23,332           | 23,332           | 38,332           | 31,332           |                  |                  |                   |                   |                   |
| 12/31/2017                           | 136,500          | 355,099          | 395,579          | 437,500          | 487,500          |                  |                  |                  |                   |                   |                   |
| 12/31/2018                           | 96,100           | 61,000           | 92,909           | 97,909           |                  |                  |                  |                  |                   |                   |                   |
| 12/31/2019                           | 153,169          | 207,500          | 291,026          |                  |                  |                  |                  |                  |                   |                   |                   |
| 12/31/2020                           | 5,500            | 8,355            |                  |                  |                  |                  |                  |                  |                   |                   |                   |
| 12/31/2021                           | 56,562           |                  |                  |                  |                  |                  |                  |                  |                   |                   |                   |

  

| A.Y.E.     | <u>147 Months</u> | <u>159 Months</u> | <u>171 Months</u> | <u>183 Months</u> | <u>195 Months</u> | <u>207 Months</u> | <u>219 Months</u> | <u>231 Months</u> | <u>243 Months</u> |
|------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| 12/31/2002 | 247,955           | 247,955           | 247,955           | 247,955           | 247,955           | 247,955           | 247,955           | 247,955           | 247,955           |
| 12/31/2003 | 69,752            | 72,399            | 72,399            | 72,399            | 72,399            | 72,399            | 72,399            | 72,399            |                   |
| 12/31/2004 | 82,003            | 82,003            | 82,003            | 82,003            | 82,003            | 82,003            | 82,003            |                   |                   |
| 12/31/2005 | 32,631            | 27,631            | 27,631            | 27,631            | 27,631            | 27,631            |                   |                   |                   |
| 12/31/2006 | 110,509           | 110,509           | 110,509           | 110,509           | 110,509           |                   |                   |                   |                   |
| 12/31/2007 | 152,513           | 152,513           | 152,513           | 152,513           |                   |                   |                   |                   |                   |
| 12/31/2008 | 3,314             | 3,314             | 3,314             |                   |                   |                   |                   |                   |                   |
| 12/31/2009 | 112,500           | 112,500           |                   |                   |                   |                   |                   |                   |                   |
| 12/31/2010 | 22,500            |                   |                   |                   |                   |                   |                   |                   |                   |



Completed Operations (Subline Code 336)  
Full Coverage  
MINNESOTA  
Bodily Injury - Occurrence  
Incurred Accident Year Basic Limits Loss Development Excluding ALAE

| Link Ratios      |         |         |         |         |         |         |         |         |         |         |         |
|------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| A.Y.E.           | 27:15   | 39:27   | 51:39   | 63:51   | 75:63   | 87:75   | 99:87   | 111:99  | 123:111 | 135:123 | 147:135 |
| 12/31/2002       | 3.696   | 0.599   | 0.894   | 1.004   | 1.010   | 0.961   | 1.000   | 1.000   | 1.000   | 1.000   | 1.000   |
| 12/31/2003       | 34.730  | 2.997   | 0.936   | 1.174   | 0.691   | 1.000   | 0.919   | 0.960   | 1.000   | 1.000   | 1.000   |
| 12/31/2004       | 1.370   | 0.333   | 1.630   | 0.694   | 1.009   | 1.009   | 0.891   | 1.000   | 1.000   | 1.000   | 1.000   |
| 12/31/2005       | 8.794   | 1.500   | 1.595   | 1.207   | 0.213   | 1.023   | 1.362   | 0.734   | 1.000   | 1.181   | 1.000   |
| 12/31/2006       | 1.412   | 2.005   | 0.596   | 1.000   | 1.000   | 1.000   | 1.000   | 1.000   | 1.000   | 1.000   | 1.000   |
| 12/31/2007       | 1.068   | 2.249   | 0.568   | 1.073   | 0.967   | 1.844   | 1.034   | 1.000   | 1.000   | 1.000   | 1.000   |
| 12/31/2008       | 0.414   | 0.057   | 21.620  | 0.253   | 1.000   | 1.000   | 1.000   | 1.000   | 1.000   | 1.000   | 1.000   |
| 12/31/2009       | 0.097   | 73.270  | 0.512   | 1.000   | 1.000   | 1.000   | 1.000   | 1.000   | 1.000   | 1.000   | 1.000   |
| 12/31/2010       | 0.804   | 1.732   | 1.000   | 0.282   | 1.000   | 2.203   | 0.511   | 1.000   | 1.000   | 1.000   | 1.000   |
| 12/31/2011       | 0.286   | 3.250   | 1.533   | 1.023   | 0.147   | 1.000   | 1.000   | 1.000   | 1.000   | 1.000   |         |
| 12/31/2012       | 0.351   | 2.875   | 0.174   | 11.000  | 0.409   | 1.000   | 1.000   | 1.000   | 1.000   | 1.000   |         |
| 12/31/2013       | 1.337   | 10.049  | 0.351   | 0.383   | 1.000   | 1.000   | 1.000   | 1.000   |         |         |         |
| 12/31/2014       | 0.900   | 2.046   | 0.671   | 1.530   | 0.986   | 0.965   | 1.000   |         |         |         |         |
| 12/31/2015       | 0.745   | 0.920   | 1.000   | 1.000   | 1.000   | 1.000   |         |         |         |         |         |
| 12/31/2016       | 1.249   | 0.306   | 1.000   | 1.643   | 0.817   |         |         |         |         |         |         |
| 12/31/2017       | 2.601   | 1.114   | 1.106   | 1.114   |         |         |         |         |         |         |         |
| 12/31/2018       | 0.635   | 1.523   | 1.054   |         |         |         |         |         |         |         |         |
| 12/31/2019       | 1.355   | 1.403   |         |         |         |         |         |         |         |         |         |
| 12/31/2020       | 1.519   |         |         |         |         |         |         |         |         |         |         |
| 3 Yr Mean        | 1.170   | 1.347   | 1.053   | 1.252   | 0.934   | 0.988   | 1.000   | 1.000   | 1.000   | 1.000   | 1.000   |
| Best 3/5         | 1.374   | 1.146   | 1.018   | 1.215   | 0.934   | 1.000   | 1.000   | 1.000   | 1.000   | 1.000   | 1.000   |
| A.Y.E.           | 159:147 | 171:159 | 183:171 | 195:183 | 207:195 | 219:207 | 231:219 | 243:231 |         |         |         |
| 12/31/2002       | 1.000   | 1.000   | 1.000   | 1.000   | 1.000   | 1.000   | 1.000   | 1.000   |         |         |         |
| 12/31/2003       | 1.038   | 1.000   | 1.000   | 1.000   | 1.000   | 1.000   | 1.000   | 1.000   |         |         |         |
| 12/31/2004       | 1.000   | 1.000   | 1.000   | 1.000   | 1.000   | 1.000   | 1.000   | 1.000   |         |         |         |
| 12/31/2005       | 0.847   | 1.000   | 1.000   | 1.000   | 1.000   | 1.000   | 1.000   | 1.000   |         |         |         |
| 12/31/2006       | 1.000   | 1.000   | 1.000   | 1.000   | 1.000   | 1.000   | 1.000   | 1.000   |         |         |         |
| 12/31/2007       | 1.000   | 1.000   | 1.000   |         |         |         |         |         |         |         |         |
| 12/31/2008       | 1.000   | 1.000   |         |         |         |         |         |         |         |         |         |
| 12/31/2009       | 1.000   |         |         |         |         |         |         |         |         |         |         |
| 3 Yr Mean        | 1.000   | 1.000   | 1.000   | 1.000   | 1.000   | 1.000   | 1.000   | 1.000   |         |         |         |
| Best 3/5         | 1.000   | 1.000   | 1.000   | 1.000   | 1.000   | 1.000   | 1.000   | 1.000   |         |         |         |
| Development From |         |         |         |         |         |         |         |         |         |         |         |
| A.Y.E.           | 15/ 27  | 27/ 39  | 39/ 51  | 51/ 63  | 63/ 75  | 75/ 87  | 87/ 99  | 99/111  | 111/123 | 123/135 | 135/147 |
| 12/31/2017       |         |         |         |         | 0.934   | 1.000   | 1.000   | 1.000   | 1.000   | 1.000   | 1.000   |
| 12/31/2018       |         |         |         | 1.215   | 0.934   | 1.000   | 1.000   | 1.000   | 1.000   | 1.000   | 1.000   |
| 12/31/2019       |         |         | 1.018   | 1.215   | 0.934   | 1.000   | 1.000   | 1.000   | 1.000   | 1.000   | 1.000   |
| 12/31/2020       |         | 1.146   | 1.018   | 1.215   | 0.934   | 1.000   | 1.000   | 1.000   | 1.000   | 1.000   | 1.000   |
| 12/31/2021       | 1.374   | 1.146   | 1.018   | 1.215   | 0.934   | 1.000   | 1.000   | 1.000   | 1.000   | 1.000   | 1.000   |
| A.Y.E.           | 147/159 | 159/171 | 171/183 | 183/195 | 195/207 | 207/219 | 219/231 | 231/243 | 243/241 |         | FACTORS |
| 12/31/2017       | 1.000   | 1.000   | 1.000   | 1.000   | 1.000   | 1.000   | 1.000   | 1.000   | 1.000   | 1.000   | 0.934   |
| 12/31/2018       | 1.000   | 1.000   | 1.000   | 1.000   | 1.000   | 1.000   | 1.000   | 1.000   | 1.000   | 1.000   | 1.135   |
| 12/31/2019       | 1.000   | 1.000   | 1.000   | 1.000   | 1.000   | 1.000   | 1.000   | 1.000   | 1.000   | 1.000   | 1.155   |
| 12/31/2020       | 1.000   | 1.000   | 1.000   | 1.000   | 1.000   | 1.000   | 1.000   | 1.000   | 1.000   | 1.000   | 1.324   |
| 12/31/2021       | 1.000   | 1.000   | 1.000   | 1.000   | 1.000   | 1.000   | 1.000   | 1.000   | 1.000   | 1.000   | 1.819   |

**Bold - Calculated Using Modified Bondy Method**

*Italics - Three year mean Excludes Modified Bondy ratios*

Completed Operations (Subline Code 336)  
Full Coverage  
MINNESOTA  
Bodily Injury - Occurrence  
Incurred Accident Year ALAE Development

| Allocated Expenses as of: |                  |                  |                  |                  |                  |                  |                  |                  |                   |                   |                   |
|---------------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-------------------|-------------------|-------------------|
| A.Y.E.                    | <u>15 Months</u> | <u>27 Months</u> | <u>39 Months</u> | <u>51 Months</u> | <u>63 Months</u> | <u>75 Months</u> | <u>87 Months</u> | <u>99 Months</u> | <u>111 Months</u> | <u>123 Months</u> | <u>135 Months</u> |
| 12/31/2002                | 3,500            | 223,585          | 277,042          | 290,494          | 290,494          | 292,224          | 291,847          | 291,847          | 291,847           | 292,611           | 293,352           |
| 12/31/2003                | 106              | 7,217            | 25,178           | 42,053           | 57,107           | 43,849           | 43,849           | 43,849           | 41,577            | 41,577            | 41,577            |
| 12/31/2004                | 2,917            | 1,472            | 36,423           | 124,320          | 114,946          | 144,530          | 167,758          | 174,800          | 175,633           | 175,658           | 175,633           |
| 12/31/2005                | 4,405            | 6,670            | 60,033           | 149,152          | 179,011          | 99,012           | 99,012           | 107,095          | 107,095           | 107,095           | 107,095           |
| 12/31/2006                | 5,657            | 1,283            | 33,610           | 248,655          | 258,486          | 258,486          | 258,486          | 258,486          | 258,486           | 258,486           | 258,486           |
| 12/31/2007                | 6,225            | 11,822           | 41,340           | 57,576           | 57,786           | 57,786           | 61,651           | 74,255           | 74,255            | 74,255            | 74,255            |
| 12/31/2008                | 1,593            | 1,593            | 1,593            | 31,310           | 31,477           | 31,477           | 31,477           | 31,477           | 31,477            | 31,477            | 31,477            |
| 12/31/2009                | 1,657            | 5,557            | 38,098           | 37,886           | 37,886           | 37,886           | 37,886           | 37,886           | 37,886            | 37,886            | 37,886            |
| 12/31/2010                | 27,500           | 35,915           | 29,535           | 65,986           | 68,377           | 68,376           | 74,318           | 96,010           | 96,010            | 96,010            | 96,010            |
| 12/31/2011                | 0                | 8,001            | 12,290           | 57,114           | 68,124           | 68,483           | 68,483           | 68,483           | 68,483            | 68,483            | 68,483            |
| 12/31/2012                | 1,974            | 5,178            | 42,682           | 47,352           | 97,839           | 193,144          | 152,366          | 152,366          | 152,366           | 152,366           |                   |
| 12/31/2013                | 13,536           | 19,115           | 103,942          | 77,194           | 57,014           | 57,014           | 57,014           | 57,014           | 57,014            |                   |                   |
| 12/31/2014                | 0                | 14,800           | 64,801           | 134,107          | 113,684          | 126,076          | 136,857          | 135,634          |                   |                   |                   |
| 12/31/2015                | 0                | 20               | 20               | 20               | 20               | 20               | 1,057            |                  |                   |                   |                   |
| 12/31/2016                | 1,130            | 8,927            | 7,594            | 15,094           | 15,094           | 48,812           |                  |                  |                   |                   |                   |
| 12/31/2017                | 27,265           | 35,995           | 117,033          | 288,048          | 346,274          |                  |                  |                  |                   |                   |                   |
| 12/31/2018                | 2,663            | 28,715           | 54,211           | 77,576           |                  |                  |                  |                  |                   |                   |                   |
| 12/31/2019                | 550              | 4,484            | 17,084           |                  |                  |                  |                  |                  |                   |                   |                   |
| 12/31/2020                | 0                | 10,002           |                  |                  |                  |                  |                  |                  |                   |                   |                   |
| 12/31/2021                | 300              |                  |                  |                  |                  |                  |                  |                  |                   |                   |                   |

  

| A.Y.E      | <u>147 Months</u> | <u>159 Months</u> | <u>171 Months</u> | <u>183 Months</u> | <u>195 Months</u> | <u>207 Months</u> | <u>219 Months</u> | <u>231 Months</u> | <u>243 Months</u> |
|------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| 12/31/2002 | 293,352           | 293,352           | 293,352           | 293,352           | 293,352           | 293,352           | 293,352           | 293,352           | 293,352           |
| 12/31/2003 | 41,577            | 49,424            | 49,424            | 49,424            | 49,424            | 49,424            | 49,424            | 49,424            |                   |
| 12/31/2004 | 175,633           | 175,633           | 175,633           | 175,633           | 175,633           | 175,633           | 175,633           |                   |                   |
| 12/31/2005 | 107,095           | 107,095           | 107,095           | 107,095           | 107,095           | 107,095           |                   |                   |                   |
| 12/31/2006 | 258,486           | 258,486           | 258,486           | 258,486           | 258,486           |                   |                   |                   |                   |
| 12/31/2007 | 74,255            | 74,255            | 74,255            | 74,255            |                   |                   |                   |                   |                   |
| 12/31/2008 | 31,477            | 31,477            | 31,477            |                   |                   |                   |                   |                   |                   |
| 12/31/2009 | 37,886            | 37,886            |                   |                   |                   |                   |                   |                   |                   |
| 12/31/2010 | 96,010            |                   |                   |                   |                   |                   |                   |                   |                   |

Completed Operations (Subline Code 336)  
 Full Coverage  
 MINNESOTA  
 Property Damage - Occurrence  
 Incurred Accident Year Basic Limits Loss Development Excluding ALAE

| \$100,000 Basic Limit Losses as of : |                  |                  |                  |                  |                  |                  |                  |                  |                   |                   |                   |
|--------------------------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-------------------|-------------------|-------------------|
| A.Y.E.                               | <u>15 Months</u> | <u>27 Months</u> | <u>39 Months</u> | <u>51 Months</u> | <u>63 Months</u> | <u>75 Months</u> | <u>87 Months</u> | <u>99 Months</u> | <u>111 Months</u> | <u>123 Months</u> | <u>135 Months</u> |
| 12/31/2002                           | 1,527,694        | 2,640,095        | 3,215,767        | 4,001,228        | 4,247,590        | 4,335,135        | 4,550,453        | 4,615,275        | 4,834,658         | 4,846,703         | 4,728,619         |
| 12/31/2003                           | 948,018          | 1,230,517        | 1,429,816        | 1,383,291        | 1,574,045        | 1,749,398        | 1,642,042        | 1,746,931        | 1,899,807         | 2,030,469         | 1,969,970         |
| 12/31/2004                           | 829,868          | 957,421          | 1,166,307        | 1,318,580        | 1,342,082        | 1,649,448        | 1,848,007        | 2,126,250        | 2,210,249         | 2,158,497         | 2,248,798         |
| 12/31/2005                           | 456,985          | 612,297          | 847,645          | 901,342          | 1,001,230        | 1,288,546        | 1,552,127        | 1,682,586        | 1,932,140         | 2,025,088         | 2,119,658         |
| 12/31/2006                           | 875,537          | 1,336,870        | 1,513,975        | 1,549,099        | 1,706,835        | 1,740,660        | 1,993,878        | 2,008,187        | 1,934,165         | 1,982,408         | 1,998,823         |
| 12/31/2007                           | 1,217,773        | 1,672,388        | 1,913,415        | 1,773,612        | 2,125,001        | 2,626,282        | 3,080,003        | 3,409,514        | 3,562,617         | 3,551,899         | 3,419,827         |
| 12/31/2008                           | 1,644,343        | 1,783,989        | 2,007,715        | 2,102,700        | 2,033,823        | 2,139,414        | 1,978,212        | 2,042,574        | 2,005,922         | 2,034,363         | 1,975,775         |
| 12/31/2009                           | 1,734,050        | 1,715,328        | 2,073,306        | 2,381,423        | 2,200,192        | 2,134,496        | 1,969,772        | 2,040,912        | 1,987,638         | 1,996,538         | 2,044,538         |
| 12/31/2010                           | 1,194,558        | 1,395,715        | 1,618,234        | 1,835,590        | 1,817,235        | 1,756,198        | 1,672,307        | 1,598,907        | 1,630,915         | 1,642,907         | 1,642,907         |
| 12/31/2011                           | 1,139,067        | 970,185          | 1,140,625        | 1,068,599        | 1,191,410        | 1,266,569        | 1,139,213        | 1,108,414        | 1,118,522         | 1,078,522         | 1,078,522         |
| 12/31/2012                           | 1,070,819        | 906,509          | 868,384          | 1,045,528        | 1,113,348        | 1,095,411        | 1,003,928        | 1,004,128        | 1,019,028         | 1,019,028         |                   |
| 12/31/2013                           | 1,213,519        | 989,960          | 954,818          | 932,824          | 969,841          | 1,029,947        | 1,142,577        | 1,162,476        | 1,185,476         |                   |                   |
| 12/31/2014                           | 1,580,915        | 1,790,283        | 1,628,566        | 1,664,367        | 1,444,059        | 1,426,568        | 1,403,654        | 1,398,654        |                   |                   |                   |
| 12/31/2015                           | 1,113,564        | 1,386,461        | 1,323,431        | 1,576,643        | 1,463,561        | 1,467,016        | 1,471,016        |                  |                   |                   |                   |
| 12/31/2016                           | 686,454          | 1,109,799        | 1,269,810        | 1,213,015        | 1,041,154        | 1,010,663        |                  |                  |                   |                   |                   |
| 12/31/2017                           | 1,021,719        | 1,011,529        | 1,138,721        | 1,245,361        | 1,209,797        |                  |                  |                  |                   |                   |                   |
| 12/31/2018                           | 893,483          | 921,148          | 1,211,212        | 1,073,306        |                  |                  |                  |                  |                   |                   |                   |
| 12/31/2019                           | 856,697          | 1,131,124        | 940,856          |                  |                  |                  |                  |                  |                   |                   |                   |
| 12/31/2020                           | 723,720          | 1,182,943        |                  |                  |                  |                  |                  |                  |                   |                   |                   |
| 12/31/2021                           | 953,575          |                  |                  |                  |                  |                  |                  |                  |                   |                   |                   |

  

| A.Y.E.     | <u>147 Months</u> | <u>159 Months</u> | <u>171 Months</u> | <u>183 Months</u> | <u>195 Months</u> | <u>207 Months</u> | <u>219 Months</u> | <u>231 Months</u> | <u>243 Months</u> |
|------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| 12/31/2002 | 4,709,996         | 4,737,407         | 4,737,407         | 4,752,407         | 4,737,407         | 4,710,000         | 4,710,000         | 4,710,000         | 4,710,000         |
| 12/31/2003 | 1,996,944         | 1,976,856         | 2,022,201         | 1,972,201         | 1,972,201         | 1,972,201         | 1,972,201         | 1,977,201         |                   |
| 12/31/2004 | 2,142,546         | 2,168,569         | 2,188,569         | 2,188,569         | 2,164,630         | 2,164,630         | 2,164,630         |                   |                   |
| 12/31/2005 | 2,093,888         | 2,034,613         | 2,029,613         | 2,029,613         | 2,029,613         | 2,029,613         |                   |                   |                   |
| 12/31/2006 | 2,057,052         | 2,056,952         | 2,056,952         | 2,056,952         | 2,056,952         |                   |                   |                   |                   |
| 12/31/2007 | 3,419,827         | 3,410,327         | 3,410,327         | 3,410,327         |                   |                   |                   |                   |                   |
| 12/31/2008 | 1,978,205         | 1,978,205         | 1,978,205         |                   |                   |                   |                   |                   |                   |
| 12/31/2009 | 2,044,538         | 2,044,538         |                   |                   |                   |                   |                   |                   |                   |
| 12/31/2010 | 1,642,907         |                   |                   |                   |                   |                   |                   |                   |                   |

Completed Operations (Subline Code 336)  
Full Coverage  
MINNESOTA  
Property Damage - Occurrence  
Incurred Accident Year Basic Limits Loss Development Excluding ALAE

| Link Ratios |                |                |                |                |                |                |                |                |                |                |                |                |
|-------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| A.Y.E.      | 27:15          | 39:27          | 51:39          | 63:51          | 75:63          | 87:75          | 99:87          | 111:99         | 123:111        | 135:123        | 147:135        |                |
| 12/31/2002  | 1.728          | 1.218          | 1.244          | 1.062          | 1.021          | 1.050          | 1.014          | 1.048          | 1.002          | 0.976          | 0.996          |                |
| 12/31/2003  | 1.298          | 1.162          | 0.967          | 1.138          | 1.111          | 0.939          | 1.064          | 1.088          | 1.069          | 0.970          | 1.014          |                |
| 12/31/2004  | 1.154          | 1.218          | 1.131          | 1.018          | 1.229          | 1.120          | 1.151          | 1.040          | 0.977          | 1.042          | 0.953          |                |
| 12/31/2005  | 1.340          | 1.384          | 1.063          | 1.111          | 1.287          | 1.205          | 1.084          | 1.148          | 1.048          | 1.047          | 0.988          |                |
| 12/31/2006  | 1.527          | 1.132          | 1.023          | 1.102          | 1.020          | 1.145          | 1.007          | 0.963          | 1.025          | 1.008          | 1.029          |                |
| 12/31/2007  | 1.373          | 1.144          | 0.927          | 1.198          | 1.236          | 1.173          | 1.107          | 1.045          | 0.997          | 0.963          | 1.000          |                |
| 12/31/2008  | 1.085          | 1.125          | 1.047          | 0.967          | 1.052          | 0.925          | 1.033          | 0.982          | 1.014          | 0.971          | 1.001          |                |
| 12/31/2009  | 0.989          | 1.209          | 1.149          | 0.924          | 0.970          | 0.923          | 1.036          | 0.974          | 1.004          | 1.024          | 1.000          |                |
| 12/31/2010  | 1.168          | 1.159          | 1.134          | 0.990          | 0.966          | 0.952          | 0.956          | 1.020          | 1.007          | 1.000          | 1.000          |                |
| 12/31/2011  | 0.852          | 1.176          | 0.937          | 1.115          | 1.063          | 0.899          | 0.973          | 1.009          | 0.964          | 1.000          |                |                |
| 12/31/2012  | 0.847          | 0.958          | 1.204          | 1.065          | 0.984          | 0.916          | 1.000          | 1.015          | 1.000          |                |                |                |
| 12/31/2013  | 0.816          | 0.965          | 0.977          | 1.040          | 1.062          | 1.109          | 1.017          | 1.020          |                |                |                |                |
| 12/31/2014  | 1.132          | 0.910          | 1.022          | 0.868          | 0.988          | 0.984          | 0.996          |                |                |                |                |                |
| 12/31/2015  | 1.245          | 0.955          | 1.191          | 0.928          | 1.002          | 1.003          |                |                |                |                |                |                |
| 12/31/2016  | 1.617          | 1.144          | 0.955          | 0.858          | 0.971          |                |                |                |                |                |                |                |
| 12/31/2017  | 0.990          | 1.126          | 1.094          | 0.971          |                |                |                |                |                |                |                |                |
| 12/31/2018  | 1.031          | 1.315          | 0.886          |                |                |                |                |                |                |                |                |                |
| 12/31/2019  | 1.320          | 0.832          |                |                |                |                |                |                |                |                |                |                |
| 12/31/2020  | 1.635          |                |                |                |                |                |                |                |                |                |                |                |
| 3 Yr Mean   | 1.329          | 1.091          | 0.978          | 0.919          | 0.987          | 1.032          | 1.004          | 1.015          | 0.990          | 1.008          | 1.000          |                |
| Best 3/5    | 1.323          | 1.075          | 1.024          | 0.922          | 0.991          | 0.968          | 0.990          | 1.015          | 1.004          | 0.990          | 1.000          |                |
|             | <u>159:147</u> | <u>171:159</u> | <u>183:171</u> | <u>195:183</u> | <u>207:195</u> | <u>219:207</u> | <u>231:219</u> | <u>243:231</u> |                |                |                |                |
| 12/31/2002  | 1.006          | 1.000          | 1.003          | 0.997          | 0.994          | 1.000          | 1.000          | 1.000          |                |                |                |                |
| 12/31/2003  | 0.990          | 1.023          | 0.975          | 1.000          | 1.000          | 1.000          | 1.003          | <b>1.000</b>   |                |                |                |                |
| 12/31/2004  | 1.012          | 1.009          | 1.000          | 0.989          | 1.000          | 1.000          | <b>1.000</b>   | <b>1.000</b>   |                |                |                |                |
| 12/31/2005  | 0.972          | 0.998          | 1.000          | 1.000          | 1.000          | <b>1.000</b>   | <b>1.000</b>   | <b>1.000</b>   |                |                |                |                |
| 12/31/2006  | 1.000          | 1.000          | 1.000          | 1.000          | <b>0.999</b>   | <b>1.000</b>   | <b>1.000</b>   | <b>1.000</b>   |                |                |                |                |
| 12/31/2007  | 0.997          | 1.000          | 1.000          |                |                |                |                |                |                |                |                |                |
| 12/31/2008  | 1.000          | 1.000          |                |                |                |                |                |                |                |                |                |                |
| 12/31/2009  | 1.000          |                |                |                |                |                |                |                |                |                |                |                |
| 3 Yr Mean   | 0.999          | 1.000          | 1.000          | 0.996          | 1.000          | 1.000          | 1.002          | 1.000          |                |                |                |                |
| Best 3/5    | 0.999          | 1.000          | 1.000          | 0.999          | 1.000          | 1.000          | 1.000          | 1.000          |                |                |                |                |
|             | <u>A.Y.E.</u>  | <u>15/ 27</u>  | <u>27/ 39</u>  | <u>39/ 51</u>  | <u>51/ 63</u>  | <u>63/ 75</u>  | <u>75/ 87</u>  | <u>87/ 99</u>  | <u>99/111</u>  | <u>111/123</u> | <u>123/135</u> | <u>135/147</u> |
| 12/31/2017  |                |                |                |                | 0.991          | 0.968          | 0.990          | 1.015          | 1.004          | 0.990          | 1.000          | 1.000          |
| 12/31/2018  |                |                |                | 0.922          | 0.991          | 0.968          | 0.990          | 1.015          | 1.004          | 0.990          | 1.000          | 1.000          |
| 12/31/2019  |                |                | 1.024          | 0.922          | 0.991          | 0.968          | 0.990          | 1.015          | 1.004          | 0.990          | 1.000          | 1.000          |
| 12/31/2020  |                | 1.075          | 1.024          | 0.922          | 0.991          | 0.968          | 0.990          | 1.015          | 1.004          | 0.990          | 1.000          | 1.000          |
| 12/31/2021  | 1.323          | 1.075          | 1.024          | 0.922          | 0.991          | 0.968          | 0.990          | 1.015          | 1.004          | 0.990          | 1.000          | 1.000          |
|             | <u>A.Y.E.</u>  | <u>147/159</u> | <u>159/171</u> | <u>171/183</u> | <u>183/195</u> | <u>195/207</u> | <u>207/219</u> | <u>219/231</u> | <u>231/243</u> | <u>243/Ult</u> | <u>FACTORS</u> |                |
| 12/31/2017  | 0.999          | 1.000          | 1.000          | 0.999          | 1.000          | 1.000          | 1.000          | 1.000          | 1.000          | <b>1.000</b>   | 0.956          |                |
| 12/31/2018  | 0.999          | 1.000          | 1.000          | 0.999          | 1.000          | 1.000          | 1.000          | 1.000          | 1.000          | <b>1.000</b>   | 0.882          |                |
| 12/31/2019  | 0.999          | 1.000          | 1.000          | 0.999          | 1.000          | 1.000          | 1.000          | 1.000          | 1.000          | <b>1.000</b>   | 0.903          |                |
| 12/31/2020  | 0.999          | 1.000          | 1.000          | 0.999          | 1.000          | 1.000          | 1.000          | 1.000          | 1.000          | <b>1.000</b>   | 0.970          |                |
| 12/31/2021  | 0.999          | 1.000          | 1.000          | 0.999          | 1.000          | 1.000          | 1.000          | 1.000          | 1.000          | <b>1.000</b>   | 1.284          |                |

**Bold - Calculated Using Modified Bondy Method**

*Italics - Three year mean Excludes Modified Bondy ratios*

Completed Operations (Subline Code 336)  
Full Coverage  
MINNESOTA  
Property Damage - Occurrence  
Incurred Accident Year ALAE Development

| Allocated Expenses as of: |                  |                  |                  |                  |                  |                  |                  |                  |                   |                   |                   |
|---------------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-------------------|-------------------|-------------------|
| A.Y.E.                    | <u>15 Months</u> | <u>27 Months</u> | <u>39 Months</u> | <u>51 Months</u> | <u>63 Months</u> | <u>75 Months</u> | <u>87 Months</u> | <u>99 Months</u> | <u>111 Months</u> | <u>123 Months</u> | <u>135 Months</u> |
| 12/31/2002                | 107,766          | 478,947          | 1,093,362        | 1,649,498        | 2,103,468        | 2,549,023        | 2,716,461        | 2,854,760        | 3,043,575         | 3,267,600         | 3,389,446         |
| 12/31/2003                | 50,724           | 278,728          | 509,323          | 727,821          | 828,311          | 924,830          | 996,248          | 1,064,181        | 1,264,969         | 1,543,608         | 1,587,062         |
| 12/31/2004                | 128,386          | 226,134          | 498,041          | 750,699          | 919,237          | 1,507,751        | 1,864,284        | 2,143,378        | 2,300,254         | 2,369,804         | 2,472,334         |
| 12/31/2005                | 74,784           | 226,707          | 665,475          | 779,486          | 1,008,079        | 1,293,333        | 1,617,286        | 1,909,641        | 2,401,719         | 2,514,736         | 2,588,965         |
| 12/31/2006                | 70,146           | 244,799          | 744,323          | 1,058,908        | 1,283,741        | 1,435,382        | 1,705,404        | 1,901,562        | 1,931,213         | 1,921,339         | 2,058,679         |
| 12/31/2007                | 64,327           | 585,267          | 884,160          | 1,069,213        | 1,240,344        | 1,505,767        | 1,814,480        | 1,919,637        | 2,034,317         | 2,244,077         | 2,210,974         |
| 12/31/2008                | 145,193          | 460,131          | 1,045,151        | 2,059,246        | 2,205,621        | 2,247,013        | 2,293,604        | 2,321,999        | 2,352,267         | 2,384,288         | 2,429,433         |
| 12/31/2009                | 140,670          | 495,575          | 761,634          | 1,164,023        | 1,549,296        | 1,610,689        | 1,766,547        | 1,782,031        | 1,808,802         | 1,808,926         | 1,847,930         |
| 12/31/2010                | 234,390          | 585,150          | 947,911          | 1,349,697        | 1,548,134        | 1,647,002        | 1,695,688        | 1,679,486        | 1,696,144         | 1,719,979         | 1,778,868         |
| 12/31/2011                | 231,140          | 408,035          | 658,940          | 720,953          | 831,509          | 884,736          | 961,757          | 1,028,373        | 1,068,170         | 1,068,757         | 1,068,757         |
| 12/31/2012                | 437,160          | 630,644          | 679,747          | 739,693          | 787,846          | 819,587          | 846,844          | 846,852          | 847,428           | 849,868           |                   |
| 12/31/2013                | 91,268           | 189,118          | 618,970          | 1,065,132        | 1,243,809        | 1,287,096        | 1,456,837        | 1,551,957        | 1,537,402         |                   |                   |
| 12/31/2014                | 299,567          | 668,076          | 968,524          | 1,215,548        | 1,307,351        | 1,323,379        | 1,333,825        | 1,333,845        |                   |                   |                   |
| 12/31/2015                | 331,793          | 612,579          | 819,309          | 1,058,574        | 1,143,495        | 1,195,529        | 1,173,169        |                  |                   |                   |                   |
| 12/31/2016                | 221,689          | 392,346          | 462,603          | 596,340          | 627,818          | 642,778          |                  |                  |                   |                   |                   |
| 12/31/2017                | 102,787          | 252,640          | 387,562          | 532,861          | 542,419          |                  |                  |                  |                   |                   |                   |
| 12/31/2018                | 34,183           | 39,356           | 157,596          | 250,666          |                  |                  |                  |                  |                   |                   |                   |
| 12/31/2019                | 245,945          | 356,746          | 460,983          |                  |                  |                  |                  |                  |                   |                   |                   |
| 12/31/2020                | 206,211          | 660,964          |                  |                  |                  |                  |                  |                  |                   |                   |                   |
| 12/31/2021                | 157,016          |                  |                  |                  |                  |                  |                  |                  |                   |                   |                   |

| A.Y.E      | <u>147 Months</u> | <u>159 Months</u> | <u>171 Months</u> | <u>183 Months</u> | <u>195 Months</u> | <u>207 Months</u> | <u>219 Months</u> | <u>231 Months</u> | <u>243 Months</u> |
|------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| 12/31/2002 | 3,370,824         | 3,374,603         | 3,374,603         | 3,489,604         | 3,416,860         | 3,416,860         | 3,416,860         | 3,416,860         | 3,416,860         |
| 12/31/2003 | 1,674,585         | 1,659,407         | 1,768,246         | 1,670,337         | 1,670,337         | 1,676,660         | 1,716,673         | 1,712,760         |                   |
| 12/31/2004 | 2,492,861         | 2,598,678         | 2,581,653         | 2,581,652         | 2,568,211         | 2,568,211         | 2,568,211         |                   |                   |
| 12/31/2005 | 2,642,063         | 2,608,761         | 2,613,116         | 2,613,116         | 2,613,116         | 2,613,116         |                   |                   |                   |
| 12/31/2006 | 2,268,445         | 2,234,286         | 2,234,286         | 2,234,286         | 2,234,286         |                   |                   |                   |                   |
| 12/31/2007 | 2,223,495         | 2,223,495         | 2,223,495         | 2,223,495         |                   |                   |                   |                   |                   |
| 12/31/2008 | 2,429,436         | 2,429,436         | 2,429,436         |                   |                   |                   |                   |                   |                   |
| 12/31/2009 | 1,847,930         | 1,848,396         |                   |                   |                   |                   |                   |                   |                   |
| 12/31/2010 | 1,780,696         |                   |                   |                   |                   |                   |                   |                   |                   |

Completed Operations (Subline Code 336)  
Full Coverage  
Multistate  
Bodily Injury - Occurrence  
Incurred Accident Year Basic Limits Loss Development Excluding ALAE

\$100,000 Basic Limit Losses as of :

| A.Y.E.     | <u>15 Months</u> | <u>27 Months</u> | <u>39 Months</u> | <u>51 Months</u> | <u>63 Months</u> | <u>75 Months</u> | <u>87 Months</u> | <u>99 Months</u> | <u>111 Months</u> | <u>123 Months</u> | <u>135 Months</u> |
|------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-------------------|-------------------|-------------------|
| 12/31/2002 | 3,400,180        | 7,629,193        | 10,002,422       | 10,915,127       | 11,700,679       | 11,700,747       | 11,993,560       | 12,150,281       | 12,299,913        | 12,313,177        | 12,360,395        |
| 12/31/2003 | 3,846,114        | 6,769,706        | 10,372,915       | 11,172,661       | 10,832,556       | 10,685,439       | 10,455,016       | 10,434,310       | 10,400,149        | 10,440,050        | 10,491,060        |
| 12/31/2004 | 4,894,484        | 7,259,105        | 10,191,368       | 11,459,698       | 11,305,671       | 10,832,376       | 11,255,890       | 11,282,614       | 11,138,861        | 11,154,026        | 11,258,357        |
| 12/31/2005 | 4,756,036        | 7,995,452        | 11,321,235       | 12,584,156       | 12,222,879       | 12,480,583       | 12,810,856       | 12,871,145       | 12,793,551        | 12,885,487        | 12,845,402        |
| 12/31/2006 | 4,322,441        | 8,188,086        | 12,633,278       | 13,122,211       | 13,194,724       | 13,219,784       | 13,130,323       | 13,343,952       | 13,371,241        | 13,285,920        | 13,212,810        |
| 12/31/2007 | 4,407,767        | 8,323,039        | 11,312,181       | 12,515,711       | 12,798,738       | 12,834,248       | 12,701,503       | 12,897,142       | 13,094,050        | 12,879,575        | 12,860,162        |
| 12/31/2008 | 4,986,439        | 8,554,141        | 11,736,912       | 12,669,016       | 12,560,847       | 12,601,117       | 13,042,417       | 12,654,826       | 12,647,228        | 12,620,452        | 12,790,776        |
| 12/31/2009 | 5,209,382        | 8,223,659        | 11,604,694       | 12,031,200       | 12,274,929       | 12,742,566       | 12,447,286       | 12,328,849       | 12,211,148        | 12,052,816        | 11,988,018        |
| 12/31/2010 | 4,984,692        | 9,806,564        | 12,115,030       | 13,619,142       | 14,850,855       | 14,991,955       | 14,546,285       | 14,340,124       | 14,294,857        | 14,084,945        | 14,072,205        |
| 12/31/2011 | 4,858,497        | 7,917,767        | 11,784,490       | 13,808,681       | 13,827,569       | 12,787,277       | 12,837,175       | 12,778,853       | 12,741,262        | 12,869,695        | 12,869,795        |
| 12/31/2012 | 3,159,368        | 7,076,396        | 12,540,810       | 12,362,492       | 12,628,444       | 12,735,015       | 12,408,861       | 12,253,832       | 12,276,830        | 12,242,290        |                   |
| 12/31/2013 | 4,152,630        | 9,678,084        | 11,787,528       | 12,932,725       | 13,323,877       | 13,198,785       | 13,456,334       | 13,421,939       | 13,295,464        |                   |                   |
| 12/31/2014 | 5,411,712        | 8,430,370        | 12,209,442       | 12,671,258       | 12,588,709       | 12,060,101       | 12,541,930       | 12,434,028       |                   |                   |                   |
| 12/31/2015 | 4,670,740        | 8,044,493        | 12,108,706       | 13,327,868       | 13,308,538       | 13,166,255       | 13,024,487       |                  |                   |                   |                   |
| 12/31/2016 | 3,038,029        | 7,694,646        | 11,450,119       | 12,902,138       | 12,827,540       | 12,921,904       |                  |                  |                   |                   |                   |
| 12/31/2017 | 3,829,900        | 8,261,965        | 11,563,996       | 13,334,870       | 13,985,491       |                  |                  |                  |                   |                   |                   |
| 12/31/2018 | 4,390,623        | 8,883,566        | 13,366,005       | 15,430,455       |                  |                  |                  |                  |                   |                   |                   |
| 12/31/2019 | 5,519,489        | 10,216,313       | 15,106,787       |                  |                  |                  |                  |                  |                   |                   |                   |
| 12/31/2020 | 5,087,460        | 9,264,862        |                  |                  |                  |                  |                  |                  |                   |                   |                   |
| 12/31/2021 | 5,739,080        |                  |                  |                  |                  |                  |                  |                  |                   |                   |                   |

| A.Y.E.     | <u>147 Months</u> | <u>159 Months</u> | <u>171 Months</u> | <u>183 Months</u> | <u>195 Months</u> | <u>207 Months</u> | <u>219 Months</u> | <u>231 Months</u> | <u>243 Months</u> |
|------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| 12/31/2002 | 12,297,100        | 12,327,633        | 12,471,867        | 12,472,577        | 12,460,039        | 12,504,167        | 12,504,167        | 12,475,168        | 12,775,417        |
| 12/31/2003 | 10,526,564        | 10,539,611        | 10,578,361        | 10,558,362        | 10,558,862        | 10,531,862        | 10,527,000        | 10,527,000        |                   |
| 12/31/2004 | 11,285,794        | 11,482,254        | 11,421,538        | 11,428,539        | 11,454,373        | 11,425,862        | 11,425,862        |                   |                   |
| 12/31/2005 | 12,738,663        | 12,690,755        | 12,629,414        | 12,614,279        | 12,600,682        | 12,624,182        |                   |                   |                   |
| 12/31/2006 | 13,214,804        | 13,207,251        | 13,204,251        | 13,233,001        | 13,233,001        |                   |                   |                   |                   |
| 12/31/2007 | 12,884,657        | 12,798,329        | 12,794,330        | 12,825,529        |                   |                   |                   |                   |                   |
| 12/31/2008 | 12,713,252        | 12,733,558        | 12,714,632        |                   |                   |                   |                   |                   |                   |
| 12/31/2009 | 11,987,595        | 11,931,845        |                   |                   |                   |                   |                   |                   |                   |
| 12/31/2010 | 14,206,503        |                   |                   |                   |                   |                   |                   |                   |                   |

Completed Operations (Subline Code 336)  
Full Coverage  
Multistate  
Bodily Injury - Occurrence  
Incurred Accident Year Basic Limits Loss Development Excluding ALAE

| Link Ratios      |         |         |         |         |         |         |         |         |         |         |         |
|------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| A.Y.E.           | 27:15   | 39:27   | 51:39   | 63:51   | 75:63   | 87:75   | 99:87   | 111:99  | 123:111 | 135:123 | 147:135 |
| 12/31/2002       | 2.244   | 1.311   | 1.091   | 1.072   | 1.000   | 1.025   | 1.013   | 1.012   | 1.001   | 1.004   | 0.995   |
| 12/31/2003       | 1.760   | 1.532   | 1.077   | 0.970   | 0.986   | 0.978   | 0.998   | 0.997   | 1.004   | 1.005   | 1.003   |
| 12/31/2004       | 1.483   | 1.404   | 1.124   | 0.987   | 0.958   | 1.039   | 1.002   | 0.987   | 1.001   | 1.009   | 1.002   |
| 12/31/2005       | 1.681   | 1.416   | 1.112   | 0.971   | 1.021   | 1.026   | 1.005   | 0.994   | 1.007   | 0.997   | 0.992   |
| 12/31/2006       | 1.894   | 1.543   | 1.039   | 1.006   | 1.002   | 0.993   | 1.016   | 1.002   | 0.994   | 0.994   | 1.000   |
| 12/31/2007       | 1.888   | 1.359   | 1.106   | 1.023   | 1.003   | 0.990   | 1.015   | 1.015   | 0.984   | 0.998   | 1.002   |
| 12/31/2008       | 1.715   | 1.372   | 1.079   | 0.991   | 1.003   | 1.035   | 0.970   | 0.999   | 0.998   | 1.013   | 0.994   |
| 12/31/2009       | 1.579   | 1.411   | 1.037   | 1.020   | 1.038   | 0.977   | 0.990   | 0.990   | 0.987   | 0.995   | 1.000   |
| 12/31/2010       | 1.967   | 1.235   | 1.124   | 1.090   | 1.010   | 0.970   | 0.986   | 0.997   | 0.985   | 0.999   | 1.010   |
| 12/31/2011       | 1.630   | 1.488   | 1.172   | 1.001   | 0.925   | 1.004   | 0.995   | 0.997   | 1.010   | 1.000   |         |
| 12/31/2012       | 2.240   | 1.772   | 0.986   | 1.022   | 1.008   | 0.974   | 0.988   | 1.002   | 0.997   |         |         |
| 12/31/2013       | 2.331   | 1.218   | 1.097   | 1.030   | 0.991   | 1.020   | 0.997   | 0.991   |         |         |         |
| 12/31/2014       | 1.558   | 1.448   | 1.038   | 0.993   | 0.958   | 1.040   | 0.991   |         |         |         |         |
| 12/31/2015       | 1.722   | 1.505   | 1.101   | 0.999   | 0.989   | 0.989   |         |         |         |         |         |
| 12/31/2016       | 2.533   | 1.488   | 1.127   | 0.994   | 1.007   |         |         |         |         |         |         |
| 12/31/2017       | 2.157   | 1.400   | 1.153   | 1.049   |         |         |         |         |         |         |         |
| 12/31/2018       | 2.023   | 1.505   | 1.154   |         |         |         |         |         |         |         |         |
| 12/31/2019       | 1.851   | 1.479   |         |         |         |         |         |         |         |         |         |
| 12/31/2020       | 1.821   |         |         |         |         |         |         |         |         |         |         |
| 3 Yr Mean        | 1.898   | 1.461   | 1.145   | 1.014   | 0.985   | 1.016   | 0.992   | 0.997   | 0.997   | 0.998   | 1.001   |
| Best 3/5         | 2.010   | 1.491   | 1.127   | 1.008   | 0.996   | 1.004   | 0.991   | 0.995   | 0.994   | 0.999   | 1.001   |
|                  |         |         |         |         |         |         |         |         |         |         |         |
| A.Y.E.           | 159:147 | 171:159 | 183:171 | 195:183 | 207:195 | 219:207 | 231:219 | 243:231 |         |         |         |
| 12/31/2002       | 1.002   | 1.012   | 1.000   | 0.999   | 1.004   | 1.000   | 0.998   | 1.024   |         |         |         |
| 12/31/2003       | 1.001   | 1.004   | 0.998   | 1.000   | 0.997   | 1.000   | 1.000   | 1.000   |         |         |         |
| 12/31/2004       | 1.017   | 0.995   | 1.001   | 1.002   | 0.998   | 1.000   | 1.000   | 1.000   |         |         |         |
| 12/31/2005       | 0.996   | 0.995   | 0.999   | 0.999   | 1.002   | 1.000   | 1.000   | 1.000   |         |         |         |
| 12/31/2006       | 0.999   | 1.000   | 1.002   | 1.000   | 1.000   | 1.000   | 1.000   | 1.000   |         |         |         |
| 12/31/2007       | 0.993   | 1.000   | 1.002   |         |         |         |         |         |         |         |         |
| 12/31/2008       | 1.002   | 0.999   |         |         |         |         |         |         |         |         |         |
| 12/31/2009       | 0.995   |         |         |         |         |         |         |         |         |         |         |
| 3 Yr Mean        | 0.997   | 1.000   | 1.001   | 1.000   | 0.999   | 1.000   | 0.999   | 1.024   |         |         |         |
| Best 3/5         | 0.997   | 0.998   | 1.001   | 1.000   | 1.000   | 1.000   | 1.000   | 1.000   |         |         |         |
|                  |         |         |         |         |         |         |         |         |         |         |         |
| Development From |         |         |         |         |         |         |         |         |         |         |         |
| A.Y.E.           | 15/ 27  | 27/ 39  | 39/ 51  | 51/ 63  | 63/ 75  | 75/ 87  | 87/ 99  | 99/111  | 111/123 | 123/135 | 135/147 |
| 12/31/2017       |         |         |         |         | 0.996   | 1.004   | 0.991   | 0.995   | 0.994   | 0.999   | 1.001   |
| 12/31/2018       |         |         |         | 1.008   | 0.996   | 1.004   | 0.991   | 0.995   | 0.994   | 0.999   | 1.001   |
| 12/31/2019       |         |         | 1.127   | 1.008   | 0.996   | 1.004   | 0.991   | 0.995   | 0.994   | 0.999   | 1.001   |
| 12/31/2020       |         | 1.491   | 1.127   | 1.008   | 0.996   | 1.004   | 0.991   | 0.995   | 0.994   | 0.999   | 1.001   |
| 12/31/2021       | 2.010   | 1.491   | 1.127   | 1.008   | 0.996   | 1.004   | 0.991   | 0.995   | 0.994   | 0.999   | 1.001   |
|                  |         |         |         |         |         |         |         |         |         |         |         |
| A.Y.E            | 147/159 | 159/171 | 171/183 | 183/195 | 195/207 | 207/219 | 219/231 | 231/243 | 243/Ult | FACTORS |         |
| 12/31/2017       | 0.997   | 0.998   | 1.001   | 1.000   | 1.000   | 1.000   | 1.000   | 1.000   | 1.000   | 0.976   |         |
| 12/31/2018       | 0.997   | 0.998   | 1.001   | 1.000   | 1.000   | 1.000   | 1.000   | 1.000   | 1.000   | 0.984   |         |
| 12/31/2019       | 0.997   | 0.998   | 1.001   | 1.000   | 1.000   | 1.000   | 1.000   | 1.000   | 1.000   | 1.109   |         |
| 12/31/2020       | 0.997   | 0.998   | 1.001   | 1.000   | 1.000   | 1.000   | 1.000   | 1.000   | 1.000   | 1.653   |         |
| 12/31/2021       | 0.997   | 0.998   | 1.001   | 1.000   | 1.000   | 1.000   | 1.000   | 1.000   | 1.000   | 3.323   |         |

**Bold - Calculated Using Modified Bondy Method**

*Italics - Three year mean Excludes Modified Bondy ratios*

Completed Operations (Subline Code 336)  
Deductible  
Multistate  
Bodily Injury - Occurrence  
Incurred Accident Year Basic Limits Loss Development Excluding ALAE

| \$100,000 Basic Limit Losses as of : |                  |                  |                  |                  |                  |                  |                  |                  |                   |                   |                   |
|--------------------------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-------------------|-------------------|-------------------|
| <u>A.Y.E.</u>                        | <u>15 Months</u> | <u>27 Months</u> | <u>39 Months</u> | <u>51 Months</u> | <u>63 Months</u> | <u>75 Months</u> | <u>87 Months</u> | <u>99 Months</u> | <u>111 Months</u> | <u>123 Months</u> | <u>135 Months</u> |
| 12/31/2002                           | 230,354          | 646,851          | 1,121,880        | 1,161,679        | 1,371,028        | 1,358,582        | 1,669,785        | 1,719,785        | 1,543,703         | 1,465,428         | 1,394,929         |
| 12/31/2003                           | 319,688          | 867,685          | 1,374,084        | 1,263,628        | 1,219,547        | 1,322,289        | 1,324,395        | 1,348,895        | 1,328,895         | 1,328,895         | 1,352,495         |
| 12/31/2004                           | 284,812          | 636,773          | 1,044,764        | 1,067,600        | 1,106,950        | 1,026,146        | 861,035          | 872,832          | 906,232           | 884,332           | 837,232           |
| 12/31/2005                           | 665,915          | 1,017,993        | 968,996          | 915,985          | 1,102,338        | 946,460          | 1,048,014        | 1,050,014        | 1,013,114         | 1,152,023         | 1,097,448         |
| 12/31/2006                           | 817,591          | 1,004,431        | 1,254,396        | 1,371,221        | 1,366,873        | 1,198,455        | 1,173,454        | 1,394,054        | 1,533,505         | 1,479,003         | 1,380,004         |
| 12/31/2007                           | 243,668          | 791,360          | 805,694          | 941,923          | 1,035,174        | 1,148,374        | 1,088,016        | 1,080,841        | 1,056,537         | 1,056,038         | 1,104,088         |
| 12/31/2008                           | 265,445          | 613,754          | 655,194          | 751,041          | 790,573          | 969,521          | 1,005,477        | 1,143,224        | 1,156,271         | 1,093,813         | 1,092,813         |
| 12/31/2009                           | 469,799          | 950,400          | 1,074,192        | 1,306,251        | 1,199,740        | 1,349,076        | 1,290,109        | 1,239,244        | 1,180,243         | 1,295,243         | 1,279,992         |
| 12/31/2010                           | 605,422          | 724,803          | 1,278,524        | 1,684,083        | 1,425,178        | 1,358,704        | 1,283,414        | 1,329,915        | 1,424,986         | 1,424,976         | 1,424,876         |
| 12/31/2011                           | 269,705          | 719,252          | 1,177,704        | 1,637,063        | 1,670,108        | 1,554,490        | 1,554,490        | 1,553,490        | 1,553,490         | 1,553,490         | 1,553,490         |
| 12/31/2012                           | 423,960          | 1,174,347        | 1,333,916        | 1,555,270        | 1,540,100        | 1,585,953        | 1,583,453        | 1,603,451        | 1,603,453         | 1,603,453         |                   |
| 12/31/2013                           | 1,783,848        | 2,572,513        | 2,789,315        | 2,855,332        | 2,945,011        | 3,095,510        | 3,209,510        | 3,178,377        | 3,183,376         |                   |                   |
| 12/31/2014                           | 1,979,461        | 2,556,649        | 2,887,796        | 3,191,055        | 3,275,374        | 3,228,274        | 3,173,274        | 3,268,275        |                   |                   |                   |
| 12/31/2015                           | 1,029,370        | 1,597,033        | 1,930,002        | 2,492,813        | 2,400,117        | 2,302,578        | 2,169,520        |                  |                   |                   |                   |
| 12/31/2016                           | 1,249,129        | 2,375,257        | 3,021,685        | 3,092,415        | 3,645,969        | 3,468,516        |                  |                  |                   |                   |                   |
| 12/31/2017                           | 586,754          | 1,969,511        | 2,537,213        | 3,000,270        | 3,071,997        |                  |                  |                  |                   |                   |                   |
| 12/31/2018                           | 950,779          | 2,019,140        | 2,133,443        | 2,649,332        |                  |                  |                  |                  |                   |                   |                   |
| 12/31/2019                           | 1,173,036        | 1,997,115        | 2,921,415        |                  |                  |                  |                  |                  |                   |                   |                   |
| 12/31/2020                           | 716,366          | 1,795,482        |                  |                  |                  |                  |                  |                  |                   |                   |                   |
| 12/31/2021                           | 1,192,355        |                  |                  |                  |                  |                  |                  |                  |                   |                   |                   |

| <u>A.Y.E.</u> | <u>147 Months</u> | <u>159 Months</u> | <u>171 Months</u> | <u>183 Months</u> | <u>195 Months</u> | <u>207 Months</u> | <u>219 Months</u> | <u>231 Months</u> | <u>243 Months</u> |
|---------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| 12/31/2002    | 1,354,028         | 1,358,930         | 1,357,862         | 1,357,861         | 1,357,861         | 1,457,860         | 1,457,860         | 1,457,860         | 1,457,860         |
| 12/31/2003    | 1,350,395         | 1,327,895         | 1,327,396         | 1,327,396         | 1,427,395         | 1,427,395         | 1,427,395         | 1,427,395         |                   |
| 12/31/2004    | 836,133           | 836,034           | 836,033           | 936,032           | 936,032           | 936,032           | 936,032           |                   |                   |
| 12/31/2005    | 1,137,449         | 1,137,448         | 1,197,697         | 1,197,447         | 1,197,447         | 1,197,447         |                   |                   |                   |
| 12/31/2006    | 1,338,754         | 1,438,751         | 1,438,751         | 1,438,751         | 1,438,751         |                   |                   |                   |                   |
| 12/31/2007    | 1,313,087         | 1,213,087         | 1,312,626         | 1,302,537         |                   |                   |                   |                   |                   |
| 12/31/2008    | 1,087,813         | 1,087,902         | 1,160,313         |                   |                   |                   |                   |                   |                   |
| 12/31/2009    | 1,279,992         | 1,279,992         |                   |                   |                   |                   |                   |                   |                   |
| 12/31/2010    | 1,424,876         |                   |                   |                   |                   |                   |                   |                   |                   |



Completed Operations (Subline Code 336)  
Deductible  
Multistate  
Bodily Injury - Occurrence  
Incurred Accident Year Basic Limits Loss Development Excluding ALAE

| Link Ratios   |                |                |                |                |                  |                |                |                |                |                |                |
|---------------|----------------|----------------|----------------|----------------|------------------|----------------|----------------|----------------|----------------|----------------|----------------|
| <u>A.Y.E.</u> | <u>27:15</u>   | <u>39:27</u>   | <u>51:39</u>   | <u>63:51</u>   | <u>75:63</u>     | <u>87:75</u>   | <u>99:87</u>   | <u>111:99</u>  | <u>123:111</u> | <u>135:123</u> | <u>147:135</u> |
| 12/31/2002    | 2.808          | 1.734          | 1.035          | 1.180          | 0.991            | 1.229          | 1.030          | 0.898          | 0.949          | 0.952          | 0.971          |
| 12/31/2003    | 2.714          | 1.584          | 0.920          | 0.965          | 1.084            | 1.002          | 1.018          | 0.985          | 1.000          | 1.018          | 0.998          |
| 12/31/2004    | 2.236          | 1.641          | 1.022          | 1.037          | 0.927            | 0.839          | 1.014          | 1.038          | 0.976          | 0.947          | 0.999          |
| 12/31/2005    | 1.529          | 0.952          | 0.945          | 1.203          | 0.859            | 1.107          | 1.002          | 0.965          | 1.137          | 0.953          | 1.036          |
| 12/31/2006    | 1.229          | 1.249          | 1.093          | 0.997          | 0.877            | 0.979          | 1.188          | 1.100          | 0.964          | 0.933          | 0.970          |
| 12/31/2007    | 3.248          | 1.018          | 1.169          | 1.099          | 1.109            | 0.947          | 0.993          | 0.978          | 1.000          | 1.046          | 1.189          |
| 12/31/2008    | 2.312          | 1.068          | 1.146          | 1.053          | 1.226            | 1.037          | 1.137          | 1.011          | 0.946          | 0.999          | 0.995          |
| 12/31/2009    | 2.023          | 1.130          | 1.216          | 0.918          | 1.124            | 0.956          | 0.961          | 0.952          | 1.097          | 0.988          | 1.000          |
| 12/31/2010    | 1.197          | 1.764          | 1.317          | 0.846          | 0.953            | 0.945          | 1.036          | 1.071          | 1.000          | 1.000          | 1.000          |
| 12/31/2011    | 2.667          | 1.637          | 1.390          | 1.020          | 0.931            | 1.000          | 0.999          | 1.000          | 1.000          | 1.000          |                |
| 12/31/2012    | 2.770          | 1.136          | 1.166          | 0.990          | 1.030            | 0.998          | 1.013          | 1.000          | 1.000          |                |                |
| 12/31/2013    | 1.442          | 1.084          | 1.024          | 1.031          | 1.051            | 1.037          | 0.990          | 1.002          |                |                |                |
| 12/31/2014    | 1.292          | 1.130          | 1.105          | 1.026          | 0.986            | 0.983          | 1.030          |                |                |                |                |
| 12/31/2015    | 1.551          | 1.208          | 1.292          | 0.963          | 0.959            | 0.942          |                |                |                |                |                |
| 12/31/2016    | 1.902          | 1.272          | 1.023          | 1.179          | 0.951            |                |                |                |                |                |                |
| 12/31/2017    | 3.357          | 1.288          | 1.183          | 1.024          |                  |                |                |                |                |                |                |
| 12/31/2018    | 2.124          | 1.057          | 1.242          |                |                  |                |                |                |                |                |                |
| 12/31/2019    | 1.703          | 1.463          |                |                |                  |                |                |                |                |                |                |
| 12/31/2020    | 2.506          |                |                |                |                  |                |                |                |                |                |                |
| 3 Yr Mean     | 2.111          | 1.269          | 1.149          | 1.055          | 0.965            | 0.987          | 1.011          | 1.001          | 1.000          | 0.996          | 0.998          |
| Best 3/5      | 2.177          | 1.256          | 1.177          | 1.027          | 0.992            | 0.994          | 1.014          | 1.001          | 1.000          | 1.000          | 0.998          |
|               |                |                |                |                |                  |                |                |                |                |                |                |
| <u>A.Y.E.</u> | <u>159:147</u> | <u>171:159</u> | <u>183:171</u> | <u>195:183</u> | <u>207:195</u>   | <u>219:207</u> | <u>231:219</u> | <u>243:231</u> |                |                |                |
| 12/31/2002    | 1.004          | 0.999          | 1.000          | 1.000          | 1.074            | 1.000          | 1.000          | 1.000          |                |                |                |
| 12/31/2003    | 0.983          | 1.000          | 1.000          | 1.075          | 1.000            | 1.000          | 1.000          | <b>1.000</b>   |                |                |                |
| 12/31/2004    | 1.000          | 1.000          | 1.120          | 1.000          | 1.000            | 1.000          | <b>1.000</b>   | <b>1.000</b>   |                |                |                |
| 12/31/2005    | 1.000          | 1.053          | 1.000          | 1.000          | 1.000            | <b>1.000</b>   | <b>1.000</b>   | <b>1.000</b>   |                |                |                |
| 12/31/2006    | 1.075          | 1.000          | 1.000          | 1.000          | <b>1.000</b>     | <b>1.000</b>   | <b>1.000</b>   | <b>1.000</b>   |                |                |                |
| 12/31/2007    | 0.924          | 1.082          | 0.992          |                |                  |                |                |                |                |                |                |
| 12/31/2008    | 1.000          | 1.067          |                |                |                  |                |                |                |                |                |                |
| 12/31/2009    | 1.000          |                |                |                |                  |                |                |                |                |                |                |
| 3 Yr Mean     | 0.975          | 1.050          | 0.997          | 1.000          | 1.000            | 1.000          | 1.000          | 1.000          |                |                |                |
| Best 3/5      | 1.000          | 1.040          | 1.000          | 1.000          | 1.000            | 1.000          | 1.000          | 1.000          |                |                |                |
|               |                |                |                |                |                  |                |                |                |                |                |                |
| <u>A.Y.E.</u> | <u>15/ 27</u>  | <u>27/ 39</u>  | <u>39/ 51</u>  | <u>51/ 63</u>  | Development From |                | <u>87/ 99</u>  | <u>99/111</u>  | <u>111/123</u> | <u>123/135</u> | <u>135/147</u> |
|               |                |                |                |                | <u>63/ 75</u>    | <u>75/ 87</u>  |                |                |                |                |                |
| 12/31/2017    |                |                |                |                | 0.992            | 0.994          | 1.014          | 1.001          | 1.000          | 1.000          | 0.998          |
| 12/31/2018    |                |                |                | 1.027          | 0.992            | 0.994          | 1.014          | 1.001          | 1.000          | 1.000          | 0.998          |
| 12/31/2019    |                |                | 1.177          | 1.027          | 0.992            | 0.994          | 1.014          | 1.001          | 1.000          | 1.000          | 0.998          |
| 12/31/2020    |                | 1.256          | 1.177          | 1.027          | 0.992            | 0.994          | 1.014          | 1.001          | 1.000          | 1.000          | 0.998          |
| 12/31/2021    | 2.177          | 1.256          | 1.177          | 1.027          | 0.992            | 0.994          | 1.014          | 1.001          | 1.000          | 1.000          | 0.998          |
|               |                |                |                |                |                  |                |                |                |                |                |                |
| <u>A.Y.E</u>  | <u>147/159</u> | <u>159/171</u> | <u>171/183</u> | <u>183/195</u> | <u>195/207</u>   | <u>207/219</u> | <u>219/231</u> | <u>231/243</u> | <u>243/Ult</u> | FACTORS        |                |
| 12/31/2017    | 1.000          | 1.040          | 1.000          | 1.000          | 1.000            | 1.000          | 1.000          | 1.000          | <b>1.000</b>   | 1.039          |                |
| 12/31/2018    | 1.000          | 1.040          | 1.000          | 1.000          | 1.000            | 1.000          | 1.000          | 1.000          | <b>1.000</b>   | 1.067          |                |
| 12/31/2019    | 1.000          | 1.040          | 1.000          | 1.000          | 1.000            | 1.000          | 1.000          | 1.000          | <b>1.000</b>   | 1.256          |                |
| 12/31/2020    | 1.000          | 1.040          | 1.000          | 1.000          | 1.000            | 1.000          | 1.000          | 1.000          | <b>1.000</b>   | 1.577          |                |
| 12/31/2021    | 1.000          | 1.040          | 1.000          | 1.000          | 1.000            | 1.000          | 1.000          | 1.000          | <b>1.000</b>   | 3.433          |                |

**Bold - Calculated Using Modified Bondy Method**

*Italics - Three year mean Excludes Modified Bondy ratios*

Completed Operations (Subline Code 336)  
Full Coverage  
Multistate  
Bodily Injury - Occurrence  
Incurred Accident Year ALAE Development

| Allocated Expenses as of: |           |           |           |            |            |            |            |            |            |            |            |
|---------------------------|-----------|-----------|-----------|------------|------------|------------|------------|------------|------------|------------|------------|
| A.Y.E.                    | 15 Months | 27 Months | 39 Months | 51 Months  | 63 Months  | 75 Months  | 87 Months  | 99 Months  | 111 Months | 123 Months | 135 Months |
| 12/31/2002                | 1,155,735 | 3,004,194 | 5,014,097 | 8,806,127  | 9,497,000  | 11,111,246 | 11,455,820 | 11,734,295 | 11,933,896 | 11,893,427 | 11,962,152 |
| 12/31/2003                | 1,000,303 | 1,734,232 | 4,290,757 | 7,557,943  | 8,237,139  | 9,109,925  | 9,711,614  | 9,714,075  | 9,573,269  | 9,627,915  | 9,676,125  |
| 12/31/2004                | 607,931   | 1,814,971 | 5,101,376 | 7,554,651  | 9,526,887  | 10,525,540 | 11,697,768 | 11,664,674 | 11,815,348 | 11,865,036 | 12,214,951 |
| 12/31/2005                | 811,988   | 1,542,452 | 4,380,714 | 7,165,164  | 8,223,624  | 8,911,659  | 9,515,420  | 9,753,123  | 10,071,236 | 10,366,922 | 10,537,461 |
| 12/31/2006                | 805,502   | 3,408,301 | 6,932,464 | 8,628,380  | 10,327,896 | 11,444,392 | 12,072,817 | 12,475,886 | 12,886,086 | 12,817,167 | 12,796,753 |
| 12/31/2007                | 901,434   | 2,598,304 | 5,838,850 | 9,611,168  | 10,818,766 | 11,455,027 | 11,891,380 | 12,150,120 | 12,328,107 | 12,440,818 | 12,469,572 |
| 12/31/2008                | 1,059,294 | 2,264,154 | 4,914,347 | 7,060,435  | 9,070,888  | 10,355,348 | 11,133,260 | 11,526,906 | 12,239,840 | 15,494,830 | 15,287,440 |
| 12/31/2009                | 797,399   | 2,130,492 | 4,849,433 | 7,162,888  | 9,617,020  | 10,870,147 | 11,105,766 | 11,327,430 | 11,338,869 | 11,456,587 | 11,496,184 |
| 12/31/2010                | 797,751   | 2,852,921 | 5,652,085 | 8,358,695  | 10,694,987 | 11,814,698 | 12,676,407 | 12,751,623 | 13,167,730 | 13,217,893 | 13,231,455 |
| 12/31/2011                | 730,235   | 1,972,217 | 4,652,019 | 7,797,004  | 10,209,334 | 11,371,083 | 12,098,414 | 12,181,464 | 12,289,505 | 12,795,585 | 13,087,917 |
| 12/31/2012                | 304,689   | 1,584,115 | 5,076,578 | 7,523,646  | 9,436,751  | 11,117,331 | 11,980,797 | 11,568,837 | 11,610,309 | 11,646,443 |            |
| 12/31/2013                | 534,961   | 2,302,339 | 5,037,610 | 7,903,543  | 9,864,676  | 10,614,680 | 10,949,348 | 11,102,214 | 11,115,830 |            |            |
| 12/31/2014                | 719,707   | 2,482,003 | 5,558,361 | 7,205,154  | 8,142,799  | 9,254,597  | 9,934,329  | 10,128,205 |            |            |            |
| 12/31/2015                | 462,204   | 1,792,659 | 5,012,530 | 7,347,207  | 9,120,784  | 9,697,384  | 10,199,229 |            |            |            |            |
| 12/31/2016                | 410,693   | 1,837,472 | 3,925,570 | 7,771,608  | 9,528,264  | 10,629,499 |            |            |            |            |            |
| 12/31/2017                | 755,810   | 2,376,599 | 5,295,183 | 7,594,620  | 9,388,137  |            |            |            |            |            |            |
| 12/31/2018                | 428,774   | 2,095,690 | 5,955,843 | 10,286,162 |            |            |            |            |            |            |            |
| 12/31/2019                | 344,623   | 2,031,515 | 5,258,141 |            |            |            |            |            |            |            |            |
| 12/31/2020                | 832,916   | 2,603,866 |           |            |            |            |            |            |            |            |            |
| 12/31/2021                | 820,547   |           |           |            |            |            |            |            |            |            |            |

| A.Y.E      | 147 Months | 159 Months | 171 Months | 183 Months | 195 Months | 207 Months | 219 Months | 231 Months | 243 Months |
|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| 12/31/2002 | 12,035,294 | 12,206,527 | 12,296,720 | 12,411,174 | 12,425,341 | 12,684,116 | 12,729,869 | 12,764,730 | 13,280,097 |
| 12/31/2003 | 9,787,411  | 9,825,045  | 9,902,346  | 9,875,743  | 9,891,160  | 9,905,685  | 9,905,811  | 9,818,346  |            |
| 12/31/2004 | 12,380,441 | 12,490,022 | 12,534,451 | 12,579,296 | 12,533,897 | 12,551,283 | 12,551,558 |            |            |
| 12/31/2005 | 10,677,771 | 10,905,251 | 10,982,212 | 10,857,055 | 10,832,820 | 10,823,079 |            |            |            |
| 12/31/2006 | 12,903,614 | 12,891,695 | 12,901,143 | 12,917,474 | 12,964,179 |            |            |            |            |
| 12/31/2007 | 12,467,092 | 12,523,716 | 12,510,871 | 12,531,100 |            |            |            |            |            |
| 12/31/2008 | 15,507,207 | 15,521,310 | 15,560,594 |            |            |            |            |            |            |
| 12/31/2009 | 11,541,208 | 11,548,661 |            |            |            |            |            |            |            |
| 12/31/2010 | 13,275,169 |            |            |            |            |            |            |            |            |

| Link Ratios: 171 to Ultimate |         |         |         |         |         |         |         |
|------------------------------|---------|---------|---------|---------|---------|---------|---------|
| A.Y.E                        | 183:171 | 195:183 | 207:195 | 219:207 | 231:219 | 243:231 | Ult:243 |
| 12/31/2002                   | 1.009   | 1.001   | 1.021   | 1.004   | 1.003   | 1.040   | 1.004   |
| 12/31/2003                   | 0.997   | 1.002   | 1.001   | 1.000   | 0.991   | 1.001   | 1.004   |
| 12/31/2004                   | 1.004   | 0.996   | 1.001   | 1.000   | 1.001   | 1.001   | 1.004   |
| 12/31/2005                   | 0.989   | 0.998   | 0.999   | 1.001   | 1.001   | 1.001   | 1.004   |
| 12/31/2006                   | 1.001   | 1.004   | 1.000   | 1.001   | 1.001   | 1.001   | 1.004   |
| 12/31/2007                   | 1.002   |         |         |         |         |         |         |

|          |       |       |       |       |       |       |       |
|----------|-------|-------|-------|-------|-------|-------|-------|
| Best 3/5 | 1.000 | 1.000 | 1.001 | 1.001 | 1.001 | 1.001 | 1.004 |
|----------|-------|-------|-------|-------|-------|-------|-------|

171 to Ultimate Factor: 1.008

**Bold - Calculated Using Modified Bondy Method**

Completed Operations (Subline Code 336)  
Full Coverage  
Multistate  
Bodily Injury - Occurrence  
Incurred Accident Year Incremental ALAE Development

|            | Increments   |              |              |              |              |              |              |               |                |                |                |                |                |
|------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|---------------|----------------|----------------|----------------|----------------|----------------|
| A.Y.E.     | <u>27:15</u> | <u>39:27</u> | <u>51:39</u> | <u>63:51</u> | <u>75:63</u> | <u>87:75</u> | <u>99:87</u> | <u>111:99</u> | <u>123:111</u> | <u>135:123</u> | <u>147:135</u> | <u>159:147</u> | <u>171:159</u> |
| 12/31/2002 | 1,848,459    | 2,009,903    | 3,792,030    | 690,873      | 1,614,246    | 344,574      | 278,475      | 199,601       | -40,469        | 68,725         | 73,142         | 171,233        | 90,193         |
| 12/31/2003 | 733,929      | 2,556,525    | 3,267,186    | 679,196      | 872,786      | 601,689      | 2,461        | -140,806      | 54,646         | 48,210         | 111,286        | 37,634         | 77,301         |
| 12/31/2004 | 1,207,040    | 3,286,405    | 2,453,275    | 1,972,236    | 998,653      | 1,172,228    | -33,094      | 150,674       | 49,688         | 349,915        | 165,490        | 109,581        | 44,429         |
| 12/31/2005 | 730,464      | 2,838,262    | 2,784,450    | 1,058,460    | 688,035      | 603,761      | 237,703      | 318,113       | 295,686        | 170,539        | 140,310        | 227,480        | 76,961         |
| 12/31/2006 | 2,602,799    | 3,524,163    | 1,695,916    | 1,699,516    | 1,116,496    | 628,425      | 403,069      | 410,200       | -68,919        | -20,414        | 106,861        | -11,919        | 9,448          |
| 12/31/2007 | 1,696,870    | 3,240,546    | 3,772,318    | 1,207,598    | 636,261      | 436,353      | 258,740      | 177,987       | 112,711        | 28,754         | -2,480         | 56,624         | -12,845        |
| 12/31/2008 | 1,204,860    | 2,650,193    | 2,146,088    | 2,010,453    | 1,284,460    | 777,912      | 393,646      | 712,934       | 3,254,990      | -207,390       | 219,767        | 14,103         | 39,284         |
| 12/31/2009 | 1,333,093    | 2,718,941    | 2,313,455    | 2,454,132    | 1,253,127    | 235,619      | 221,664      | 11,439        | 117,718        | 39,597         | 45,024         | 7,453          |                |
| 12/31/2010 | 2,055,170    | 2,799,164    | 2,706,610    | 2,336,292    | 1,119,711    | 861,709      | 75,216       | 416,107       | 50,163         | 13,562         | 43,714         |                |                |
| 12/31/2011 | 1,241,982    | 2,679,802    | 3,144,985    | 2,412,330    | 1,161,749    | 727,331      | 83,050       | 108,041       | 506,080        | 292,332        |                |                |                |
| 12/31/2012 | 1,279,426    | 3,492,463    | 2,447,068    | 1,913,105    | 1,680,580    | 863,466      | -411,960     | 41,472        | 36,134         |                |                |                |                |
| 12/31/2013 | 1,767,378    | 2,735,271    | 2,865,933    | 1,961,133    | 750,004      | 334,668      | 152,866      | 13,616        |                |                |                |                |                |
| 12/31/2014 | 1,762,296    | 3,076,358    | 1,646,793    | 937,645      | 1,111,798    | 679,732      | 193,876      |               |                |                |                |                |                |
| 12/31/2015 | 1,330,455    | 3,219,871    | 2,334,677    | 1,773,577    | 576,600      | 501,845      |              |               |                |                |                |                |                |
| 12/31/2016 | 1,426,779    | 2,088,098    | 3,846,038    | 1,756,656    | 1,101,235    |              |              |               |                |                |                |                |                |
| 12/31/2017 | 1,620,789    | 2,918,584    | 2,299,437    | 1,793,517    |              |              |              |               |                |                |                |                |                |
| 12/31/2018 | 1,666,916    | 3,860,153    | 4,330,319    |              |              |              |              |               |                |                |                |                |                |
| 12/31/2019 | 1,686,892    | 3,226,626    |              |              |              |              |              |               |                |                |                |                |                |
| 12/31/2020 | 1,770,950    |              |              |              |              |              |              |               |                |                |                |                |                |

|            | Incremental Percentages |              |              |              |              |              |              |               |                |                |                |                |                |
|------------|-------------------------|--------------|--------------|--------------|--------------|--------------|--------------|---------------|----------------|----------------|----------------|----------------|----------------|
| A.Y.E.     | <u>27:15</u>            | <u>39:27</u> | <u>51:39</u> | <u>63:51</u> | <u>75:63</u> | <u>87:75</u> | <u>99:87</u> | <u>111:99</u> | <u>123:111</u> | <u>135:123</u> | <u>147:135</u> | <u>159:147</u> | <u>171:159</u> |
| 12/31/2002 | 0.0741                  | 0.0805       | 0.1519       | 0.0277       | 0.0647       | 0.0138       | 0.0112       | 0.0080        | -0.0016        | 0.0028         | 0.0029         | 0.0069         | 0.0036         |
| 12/31/2003 | 0.0410                  | 0.1427       | 0.1824       | 0.0379       | 0.0487       | 0.0336       | 0.0001       | -0.0079       | 0.0031         | 0.0027         | 0.0062         | 0.0021         | 0.0043         |
| 12/31/2004 | 0.0608                  | 0.1655       | 0.1235       | 0.0993       | 0.0503       | 0.0590       | -0.0017      | 0.0076        | 0.0025         | 0.0176         | 0.0083         | 0.0055         | 0.0022         |
| 12/31/2005 | 0.0292                  | 0.1134       | 0.1112       | 0.0423       | 0.0275       | 0.0241       | 0.0095       | 0.0127        | 0.0118         | 0.0068         | 0.0056         | 0.0091         | 0.0031         |
| 12/31/2006 | 0.0993                  | 0.1345       | 0.0647       | 0.0649       | 0.0426       | 0.0240       | 0.0154       | 0.0157        | -0.0026        | -0.0008        | 0.0041         | -0.0005        | 0.0004         |
| 12/31/2007 | 0.0718                  | 0.1372       | 0.1597       | 0.0511       | 0.0269       | 0.0185       | 0.0110       | 0.0075        | 0.0048         | 0.0012         | -0.0001        | 0.0024         | -0.0005        |
| 12/31/2008 | 0.0503                  | 0.1106       | 0.0896       | 0.0839       | 0.0536       | 0.0325       | 0.0164       | 0.0297        | 0.1358         | -0.0087        | 0.0092         | 0.0006         | 0.0016         |
| 12/31/2009 | 0.0566                  | 0.1155       | 0.0983       | 0.1043       | 0.0532       | 0.0100       | 0.0094       | 0.0005        | 0.0050         | 0.0017         | 0.0019         | 0.0003         |                |
| 12/31/2010 | 0.0833                  | 0.1134       | 0.1097       | 0.0947       | 0.0454       | 0.0349       | 0.0030       | 0.0169        | 0.0020         | 0.0005         | 0.0018         |                |                |
| 12/31/2011 | 0.0538                  | 0.1160       | 0.1362       | 0.1045       | 0.0503       | 0.0315       | 0.0036       | 0.0047        | 0.0219         | 0.0127         |                |                |                |
| 12/31/2012 | 0.0522                  | 0.1426       | 0.0999       | 0.0781       | 0.0686       | 0.0353       | -0.0168      | 0.0017        | 0.0015         |                |                |                |                |
| 12/31/2013 | 0.0741                  | 0.1147       | 0.1201       | 0.0822       | 0.0314       | 0.0140       | 0.0064       | 0.0006        |                |                |                |                |                |
| 12/31/2014 | 0.0779                  | 0.1360       | 0.0728       | 0.0415       | 0.0492       | 0.0301       | 0.0086       |               |                |                |                |                |                |
| 12/31/2015 | 0.0576                  | 0.1393       | 0.1010       | 0.0767       | 0.0249       | 0.0217       |              |               |                |                |                |                |                |
| 12/31/2016 | 0.0549                  | 0.0804       | 0.1481       | 0.0676       | 0.0424       |              |              |               |                |                |                |                |                |
| 12/31/2017 | 0.0573                  | 0.1032       | 0.0813       | 0.0634       |              |              |              |               |                |                |                |                |                |
| 12/31/2018 | 0.0546                  | 0.1265       | 0.1420       |              |              |              |              |               |                |                |                |                |                |
| 12/31/2019 | 0.0528                  | 0.1010       |              |              |              |              |              |               |                |                |                |                |                |
| 12/31/2020 | 0.0553                  |              |              |              |              |              |              |               |                |                |                |                |                |

|          |        |        |        |        |        |        |        |        |        |        |        |        |        |
|----------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Best 3/5 | 0.0549 | 0.1102 | 0.1081 | 0.0692 | 0.0410 | 0.0278 | 0.0043 | 0.0023 | 0.0096 | 0.0011 | 0.0026 | 0.0011 | 0.0014 |
|----------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|

Completed Operations (Subline Code 336)  
 Full Coverage  
 Multistate  
 Property Damage - Occurrence  
 Incurred Accident Year Basic Limits Loss Development Excluding ALAE

\$100,000 Basic Limit Losses as of :

| <u>A.Y.E.</u> | <u>15 Months</u> | <u>27 Months</u> | <u>39 Months</u> | <u>51 Months</u> | <u>63 Months</u> | <u>75 Months</u> | <u>87 Months</u> | <u>99 Months</u> | <u>111 Months</u> | <u>123 Months</u> | <u>135 Months</u> |
|---------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-------------------|-------------------|-------------------|
| 12/31/2002    | 25,069,142       | 32,718,264       | 36,832,763       | 42,074,641       | 43,121,298       | 44,118,240       | 46,534,328       | 48,820,749       | 49,958,372        | 49,826,519        | 50,178,831        |
| 12/31/2003    | 27,546,161       | 33,479,564       | 37,924,560       | 39,184,963       | 43,633,473       | 45,282,185       | 46,407,439       | 47,848,479       | 49,141,305        | 49,743,438        | 50,340,701        |
| 12/31/2004    | 29,657,167       | 36,479,966       | 40,458,212       | 45,344,802       | 48,142,320       | 51,619,154       | 53,986,011       | 55,884,787       | 57,801,400        | 58,550,953        | 60,236,646        |
| 12/31/2005    | 27,744,533       | 33,905,704       | 39,005,782       | 43,552,373       | 46,378,961       | 49,518,377       | 53,047,424       | 54,401,141       | 56,382,667        | 56,325,117        | 57,995,204        |
| 12/31/2006    | 34,893,830       | 41,783,130       | 48,983,636       | 54,235,721       | 60,121,775       | 62,111,032       | 63,808,735       | 63,789,767       | 64,741,249        | 65,696,169        | 67,589,404        |
| 12/31/2007    | 39,048,846       | 47,190,237       | 56,119,015       | 59,176,016       | 62,285,283       | 64,871,417       | 66,161,751       | 68,716,471       | 70,630,487        | 72,730,607        | 75,302,589        |
| 12/31/2008    | 49,773,833       | 57,595,226       | 64,240,841       | 67,444,697       | 69,042,788       | 70,943,241       | 72,694,669       | 74,127,579       | 82,559,256        | 90,708,443        | 85,753,275        |
| 12/31/2009    | 52,121,838       | 60,916,835       | 67,756,262       | 69,631,589       | 71,301,390       | 72,381,526       | 73,457,288       | 76,840,210       | 82,883,849        | 83,750,611        | 83,898,330        |
| 12/31/2010    | 50,866,624       | 60,142,051       | 64,113,284       | 66,138,028       | 68,709,024       | 70,592,015       | 72,453,314       | 74,858,871       | 76,568,795        | 77,190,114        | 77,583,134        |
| 12/31/2011    | 50,126,006       | 55,338,393       | 57,551,149       | 58,470,690       | 59,842,611       | 62,577,902       | 65,063,925       | 66,479,883       | 67,769,299        | 68,426,008        | 68,763,889        |
| 12/31/2012    | 40,921,951       | 46,597,300       | 48,331,368       | 50,884,470       | 54,108,821       | 56,687,032       | 58,967,287       | 59,553,096       | 61,484,640        | 62,137,012        |                   |
| 12/31/2013    | 36,910,703       | 41,988,316       | 46,758,792       | 48,861,056       | 51,217,671       | 53,205,699       | 55,578,515       | 56,712,892       | 58,063,675        |                   |                   |
| 12/31/2014    | 37,012,598       | 43,072,173       | 46,493,313       | 49,194,516       | 49,935,201       | 52,399,332       | 54,755,048       | 56,599,205       |                   |                   |                   |
| 12/31/2015    | 34,304,403       | 40,781,759       | 45,697,771       | 49,432,101       | 51,420,748       | 53,618,551       | 55,766,922       |                  |                   |                   |                   |
| 12/31/2016    | 33,089,436       | 42,562,490       | 47,618,796       | 52,219,204       | 55,517,250       | 58,887,455       |                  |                  |                   |                   |                   |
| 12/31/2017    | 36,476,102       | 44,259,581       | 51,379,219       | 56,557,473       | 58,542,744       |                  |                  |                  |                   |                   |                   |
| 12/31/2018    | 40,225,211       | 51,709,550       | 56,782,798       | 61,474,651       |                  |                  |                  |                  |                   |                   |                   |
| 12/31/2019    | 44,448,353       | 53,096,573       | 57,910,713       |                  |                  |                  |                  |                  |                   |                   |                   |
| 12/31/2020    | 39,797,323       | 49,427,122       |                  |                  |                  |                  |                  |                  |                   |                   |                   |
| 12/31/2021    | 40,087,010       |                  |                  |                  |                  |                  |                  |                  |                   |                   |                   |

| <u>A.Y.E</u> | <u>147 Months</u> | <u>159 Months</u> | <u>171 Months</u> | <u>183 Months</u> | <u>195 Months</u> | <u>207 Months</u> | <u>219 Months</u> | <u>231 Months</u> | <u>243 Months</u> |
|--------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| 12/31/2002   | 50,505,405        | 50,703,580        | 50,762,505        | 50,784,178        | 51,165,045        | 51,283,582        | 51,556,917        | 51,551,457        | 51,274,616        |
| 12/31/2003   | 50,461,929        | 50,930,589        | 51,456,196        | 51,871,084        | 52,292,435        | 52,358,290        | 52,340,888        | 52,363,022        |                   |
| 12/31/2004   | 61,025,505        | 61,615,648        | 61,712,766        | 61,983,469        | 62,148,113        | 61,885,618        | 61,796,821        |                   |                   |
| 12/31/2005   | 58,405,652        | 58,534,274        | 59,052,949        | 59,916,928        | 60,169,481        | 60,156,345        |                   |                   |                   |
| 12/31/2006   | 68,890,918        | 69,511,308        | 70,153,517        | 70,243,778        | 70,061,478        |                   |                   |                   |                   |
| 12/31/2007   | 76,028,669        | 76,527,849        | 76,789,568        | 76,684,547        |                   |                   |                   |                   |                   |
| 12/31/2008   | 83,979,929        | 83,980,605        | 83,352,853        |                   |                   |                   |                   |                   |                   |
| 12/31/2009   | 83,218,656        | 82,920,431        |                   |                   |                   |                   |                   |                   |                   |
| 12/31/2010   | 78,019,976        |                   |                   |                   |                   |                   |                   |                   |                   |

Completed Operations (Subline Code 336)  
 Full Coverage  
 Multistate  
 Property Damage - Occurrence  
 Incurred Accident Year Basic Limits Loss Development Excluding ALAE

| Link Ratios      |                |                |                |                |                |                |                |                |                |                |                |
|------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| <u>A.Y.E.</u>    | <u>27:15</u>   | <u>39:27</u>   | <u>51:39</u>   | <u>63:51</u>   | <u>75:63</u>   | <u>87:75</u>   | <u>99:87</u>   | <u>111:99</u>  | <u>123:111</u> | <u>135:123</u> | <u>147:135</u> |
| 12/31/2002       | 1.305          | 1.126          | 1.142          | 1.025          | 1.023          | 1.055          | 1.049          | 1.023          | 0.997          | 1.007          | 1.007          |
| 12/31/2003       | 1.215          | 1.133          | 1.033          | 1.114          | 1.038          | 1.025          | 1.031          | 1.027          | 1.012          | 1.012          | 1.002          |
| 12/31/2004       | 1.230          | 1.109          | 1.121          | 1.062          | 1.072          | 1.046          | 1.035          | 1.034          | 1.013          | 1.029          | 1.013          |
| 12/31/2005       | 1.222          | 1.150          | 1.117          | 1.065          | 1.068          | 1.071          | 1.026          | 1.036          | 0.999          | 1.030          | 1.007          |
| 12/31/2006       | 1.197          | 1.172          | 1.107          | 1.109          | 1.033          | 1.027          | 1.000          | 1.015          | 1.015          | 1.029          | 1.019          |
| 12/31/2007       | 1.208          | 1.189          | 1.054          | 1.053          | 1.042          | 1.020          | 1.039          | 1.028          | 1.030          | 1.035          | 1.010          |
| 12/31/2008       | 1.157          | 1.115          | 1.050          | 1.024          | 1.028          | 1.025          | 1.020          | 1.114          | 1.099          | 0.945          | 0.979          |
| 12/31/2009       | 1.169          | 1.112          | 1.028          | 1.024          | 1.015          | 1.015          | 1.046          | 1.079          | 1.010          | 1.002          | 0.992          |
| 12/31/2010       | 1.182          | 1.066          | 1.032          | 1.039          | 1.027          | 1.026          | 1.033          | 1.023          | 1.008          | 1.005          | 1.006          |
| 12/31/2011       | 1.104          | 1.040          | 1.016          | 1.023          | 1.046          | 1.040          | 1.022          | 1.019          | 1.010          | 1.005          |                |
| 12/31/2012       | 1.139          | 1.037          | 1.053          | 1.063          | 1.048          | 1.040          | 1.010          | 1.032          | 1.011          |                |                |
| 12/31/2013       | 1.138          | 1.114          | 1.045          | 1.048          | 1.039          | 1.045          | 1.020          | 1.024          |                |                |                |
| 12/31/2014       | 1.164          | 1.079          | 1.058          | 1.015          | 1.049          | 1.045          | 1.034          |                |                |                |                |
| 12/31/2015       | 1.189          | 1.121          | 1.082          | 1.040          | 1.043          | 1.040          |                |                |                |                |                |
| 12/31/2016       | 1.286          | 1.119          | 1.097          | 1.063          | 1.061          |                |                |                |                |                |                |
| 12/31/2017       | 1.213          | 1.161          | 1.101          | 1.035          |                |                |                |                |                |                |                |
| 12/31/2018       | 1.286          | 1.098          | 1.083          |                |                |                |                |                |                |                |                |
| 12/31/2019       | 1.195          | 1.091          |                |                |                |                |                |                |                |                |                |
| 12/31/2020       | 1.242          |                |                |                |                |                |                |                |                |                |                |
| 3 Yr Mean        | 1.241          | 1.117          | 1.094          | 1.046          | 1.051          | 1.043          | 1.021          | 1.025          | 1.010          | 1.004          | 0.992          |
| Best 3/5         | 1.247          | 1.113          | 1.087          | 1.041          | 1.047          | 1.042          | 1.025          | 1.026          | 1.010          | 1.004          | 1.003          |
| <u>159:147</u>   | <u>171:159</u> | <u>183:171</u> | <u>195:183</u> | <u>207:195</u> | <u>219:207</u> | <u>231:219</u> | <u>243:231</u> |                |                |                |                |
| 12/31/2002       | 1.004          | 1.001          | 1.000          | 1.007          | 1.002          | 1.005          | 1.000          | 0.995          |                |                |                |
| 12/31/2003       | 1.009          | 1.010          | 1.008          | 1.008          | 1.001          | 1.000          | 1.000          | <b>1.000</b>   |                |                |                |
| 12/31/2004       | 1.010          | 1.002          | 1.004          | 1.003          | 0.996          | 0.999          | <b>1.000</b>   | <b>1.000</b>   |                |                |                |
| 12/31/2005       | 1.002          | 1.009          | 1.015          | 1.004          | 1.000          | <b>1.000</b>   | <b>1.000</b>   | <b>1.000</b>   |                |                |                |
| 12/31/2006       | 1.009          | 1.009          | 1.001          | 0.997          | <b>1.005</b>   | <b>1.000</b>   | <b>1.000</b>   | <b>1.000</b>   |                |                |                |
| 12/31/2007       | 1.007          | 1.003          | 0.999          |                |                |                |                |                |                |                |                |
| 12/31/2008       | 1.000          | 0.993          |                |                |                |                |                |                |                |                |                |
| 12/31/2009       | 0.996          |                |                |                |                |                |                |                |                |                |                |
| 3 Yr Mean        | 1.001          | 1.002          | 1.005          | 1.001          | <i>0.999</i>   | <i>1.001</i>   | <i>1.000</i>   | <i>0.995</i>   |                |                |                |
| Best 3/5         | 1.003          | 1.005          | 1.004          | 1.005          | 1.001          | 1.000          | 1.000          | 1.000          |                |                |                |
| Development From |                |                |                |                |                |                |                |                |                |                |                |
| <u>A.Y.E.</u>    | <u>15/ 27</u>  | <u>27/ 39</u>  | <u>39/ 51</u>  | <u>51/ 63</u>  | <u>63/ 75</u>  | <u>75/ 87</u>  | <u>87/ 99</u>  | <u>99/111</u>  | <u>111/123</u> | <u>123/135</u> | <u>135/147</u> |
| 12/31/2017       |                |                |                |                | 1.047          | 1.042          | 1.025          | 1.026          | 1.010          | 1.004          | 1.003          |
| 12/31/2018       |                |                |                | 1.041          | 1.047          | 1.042          | 1.025          | 1.026          | 1.010          | 1.004          | 1.003          |
| 12/31/2019       |                |                | 1.087          | 1.041          | 1.047          | 1.042          | 1.025          | 1.026          | 1.010          | 1.004          | 1.003          |
| 12/31/2020       |                | 1.113          | 1.087          | 1.041          | 1.047          | 1.042          | 1.025          | 1.026          | 1.010          | 1.004          | 1.003          |
| 12/31/2021       | 1.247          | 1.113          | 1.087          | 1.041          | 1.047          | 1.042          | 1.025          | 1.026          | 1.010          | 1.004          | 1.003          |
| <u>A.Y.E</u>     | <u>147/159</u> | <u>159/171</u> | <u>171/183</u> | <u>183/195</u> | <u>195/207</u> | <u>207/219</u> | <u>219/231</u> | <u>231/243</u> | <u>243/Ult</u> | <u>FACTORS</u> |                |
| 12/31/2017       | 1.003          | 1.005          | 1.004          | 1.005          | 1.001          | 1.000          | 1.000          | 1.000          | <b>1.000</b>   | 1.188          |                |
| 12/31/2018       | 1.003          | 1.005          | 1.004          | 1.005          | 1.001          | 1.000          | 1.000          | 1.000          | <b>1.000</b>   | 1.237          |                |
| 12/31/2019       | 1.003          | 1.005          | 1.004          | 1.005          | 1.001          | 1.000          | 1.000          | 1.000          | <b>1.000</b>   | 1.344          |                |
| 12/31/2020       | 1.003          | 1.005          | 1.004          | 1.005          | 1.001          | 1.000          | 1.000          | 1.000          | <b>1.000</b>   | 1.496          |                |
| 12/31/2021       | 1.003          | 1.005          | 1.004          | 1.005          | 1.001          | 1.000          | 1.000          | 1.000          | <b>1.000</b>   | 1.866          |                |

**Bold - Calculated Using Modified Bondy Method**

*Italics - Three year mean Excludes Modified Bondy ratios*

Completed Operations (Subline Code 336)  
Deductible  
Multistate  
Property Damage - Occurrence  
Incurred Accident Year Basic Limits Loss Development Excluding ALAE

\$100,000 Basic Limit Losses as of :

| <u>A.Y.E.</u> | <u>15 Months</u> | <u>27 Months</u> | <u>39 Months</u> | <u>51 Months</u> | <u>63 Months</u> | <u>75 Months</u> | <u>87 Months</u> | <u>99 Months</u> | <u>111 Months</u> | <u>123 Months</u> | <u>135 Months</u> |
|---------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-------------------|-------------------|-------------------|
| 12/31/2002    | 3,760,781        | 5,101,937        | 7,462,779        | 9,268,563        | 10,963,452       | 13,475,667       | 15,204,238       | 17,067,397       | 19,291,709        | 19,232,388        | 19,211,094        |
| 12/31/2003    | 4,137,071        | 5,996,345        | 7,577,894        | 8,310,101        | 9,628,599        | 10,242,686       | 11,222,184       | 11,909,571       | 12,610,424        | 13,475,443        | 13,403,727        |
| 12/31/2004    | 5,531,945        | 7,013,325        | 8,822,457        | 9,339,923        | 10,129,281       | 11,139,148       | 11,675,449       | 12,825,957       | 13,186,713        | 13,600,259        | 13,619,149        |
| 12/31/2005    | 6,213,231        | 8,588,763        | 9,240,327        | 9,851,338        | 11,156,317       | 11,590,077       | 11,979,414       | 12,649,563       | 13,258,107        | 13,022,196        | 13,341,822        |
| 12/31/2006    | 7,208,787        | 8,685,680        | 9,752,037        | 10,288,774       | 10,367,206       | 11,201,333       | 11,902,709       | 12,371,128       | 12,632,558        | 13,424,428        | 14,074,454        |
| 12/31/2007    | 9,263,565        | 11,325,441       | 11,711,109       | 12,118,200       | 12,546,034       | 13,040,706       | 14,141,714       | 14,836,898       | 15,490,285        | 16,738,878        | 16,896,707        |
| 12/31/2008    | 8,630,846        | 11,474,394       | 13,627,323       | 13,769,236       | 14,623,105       | 15,468,541       | 16,438,727       | 16,929,475       | 17,818,799        | 17,869,591        | 18,405,339        |
| 12/31/2009    | 7,751,080        | 10,017,257       | 11,381,819       | 12,120,328       | 13,079,013       | 14,415,315       | 15,388,415       | 15,862,239       | 16,323,880        | 16,903,148        | 17,261,303        |
| 12/31/2010    | 8,891,522        | 10,629,341       | 10,958,935       | 11,822,670       | 12,588,235       | 12,840,635       | 13,256,375       | 14,119,735       | 14,402,574        | 14,582,812        | 14,685,262        |
| 12/31/2011    | 9,054,904        | 10,972,150       | 11,983,001       | 12,110,291       | 12,921,169       | 13,639,647       | 14,050,789       | 14,665,888       | 14,528,144        | 14,635,713        | 15,137,278        |
| 12/31/2012    | 8,412,461        | 9,842,445        | 10,784,506       | 11,204,776       | 12,718,009       | 13,213,396       | 13,561,338       | 14,699,445       | 14,750,295        | 14,603,201        |                   |
| 12/31/2013    | 10,742,782       | 12,735,150       | 13,492,350       | 14,379,540       | 15,208,369       | 15,942,089       | 16,702,758       | 17,045,173       | 17,552,984        |                   |                   |
| 12/31/2014    | 10,973,905       | 12,772,040       | 14,693,497       | 15,862,398       | 17,087,817       | 17,884,709       | 18,836,845       | 19,341,658       |                   |                   |                   |
| 12/31/2015    | 13,192,563       | 16,600,400       | 17,492,413       | 18,933,603       | 20,260,091       | 21,968,518       | 22,856,222       |                  |                   |                   |                   |
| 12/31/2016    | 13,815,336       | 15,849,014       | 18,702,152       | 20,301,268       | 21,972,130       | 22,700,141       |                  |                  |                   |                   |                   |
| 12/31/2017    | 12,271,683       | 15,280,818       | 18,426,882       | 20,222,398       | 21,777,722       |                  |                  |                  |                   |                   |                   |
| 12/31/2018    | 13,616,674       | 16,912,986       | 20,371,594       | 22,882,781       |                  |                  |                  |                  |                   |                   |                   |
| 12/31/2019    | 10,909,312       | 14,655,761       | 17,153,309       |                  |                  |                  |                  |                  |                   |                   |                   |
| 12/31/2020    | 9,495,407        | 11,636,177       |                  |                  |                  |                  |                  |                  |                   |                   |                   |
| 12/31/2021    | 8,583,172        |                  |                  |                  |                  |                  |                  |                  |                   |                   |                   |

  

| <u>A.Y.E.</u> | <u>147 Months</u> | <u>159 Months</u> | <u>171 Months</u> | <u>183 Months</u> | <u>195 Months</u> | <u>207 Months</u> | <u>219 Months</u> | <u>231 Months</u> | <u>243 Months</u> |
|---------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| 12/31/2002    | 19,520,203        | 19,321,996        | 19,026,160        | 18,796,032        | 18,874,924        | 18,870,720        | 18,905,721        | 18,885,720        | 18,885,720        |
| 12/31/2003    | 13,250,211        | 13,450,781        | 13,104,289        | 13,055,595        | 13,000,589        | 13,000,589        | 13,001,589        | 13,001,589        |                   |
| 12/31/2004    | 13,544,652        | 13,714,136        | 13,719,381        | 13,707,775        | 13,638,848        | 13,627,849        | 13,627,849        |                   |                   |
| 12/31/2005    | 13,890,424        | 14,175,139        | 14,354,771        | 14,387,652        | 14,382,550        | 14,469,550        |                   |                   |                   |
| 12/31/2006    | 14,172,138        | 14,307,484        | 14,585,314        | 14,406,311        | 14,357,666        |                   |                   |                   |                   |
| 12/31/2007    | 17,044,783        | 17,274,806        | 17,456,541        | 17,603,042        |                   |                   |                   |                   |                   |
| 12/31/2008    | 18,602,924        | 19,107,648        | 19,168,331        |                   |                   |                   |                   |                   |                   |
| 12/31/2009    | 17,507,658        | 17,885,864        |                   |                   |                   |                   |                   |                   |                   |
| 12/31/2010    | 15,065,852        |                   |                   |                   |                   |                   |                   |                   |                   |

Completed Operations (Subline Code 336)  
Deductible  
Multistate  
Property Damage - Occurrence  
Incurred Accident Year Basic Limits Loss Development Excluding ALAE

| Link Ratios |         |         |         |         |                  |         |         |         |         |         |         |
|-------------|---------|---------|---------|---------|------------------|---------|---------|---------|---------|---------|---------|
| A.Y.E.      | 27:15   | 39:27   | 51:39   | 63:51   | 75:63            | 87:75   | 99:87   | 111:99  | 123:111 | 135:123 | 147:135 |
| 12/31/2002  | 1.357   | 1.463   | 1.242   | 1.183   | 1.229            | 1.128   | 1.123   | 1.130   | 0.997   | 0.999   | 1.016   |
| 12/31/2003  | 1.449   | 1.264   | 1.097   | 1.159   | 1.064            | 1.096   | 1.061   | 1.059   | 1.069   | 0.995   | 0.989   |
| 12/31/2004  | 1.268   | 1.258   | 1.059   | 1.085   | 1.100            | 1.048   | 1.099   | 1.028   | 1.031   | 1.001   | 0.995   |
| 12/31/2005  | 1.382   | 1.076   | 1.066   | 1.132   | 1.039            | 1.034   | 1.056   | 1.048   | 0.982   | 1.025   | 1.041   |
| 12/31/2006  | 1.205   | 1.123   | 1.055   | 1.008   | 1.080            | 1.063   | 1.039   | 1.021   | 1.063   | 1.048   | 1.007   |
| 12/31/2007  | 1.223   | 1.034   | 1.035   | 1.035   | 1.039            | 1.084   | 1.049   | 1.044   | 1.081   | 1.009   | 1.009   |
| 12/31/2008  | 1.329   | 1.188   | 1.010   | 1.062   | 1.058            | 1.063   | 1.030   | 1.053   | 1.003   | 1.030   | 1.011   |
| 12/31/2009  | 1.292   | 1.136   | 1.065   | 1.079   | 1.102            | 1.068   | 1.031   | 1.029   | 1.035   | 1.021   | 1.014   |
| 12/31/2010  | 1.195   | 1.031   | 1.079   | 1.065   | 1.020            | 1.032   | 1.065   | 1.020   | 1.013   | 1.007   | 1.026   |
| 12/31/2011  | 1.212   | 1.092   | 1.011   | 1.067   | 1.056            | 1.030   | 1.044   | 0.991   | 1.007   | 1.034   |         |
| 12/31/2012  | 1.170   | 1.096   | 1.039   | 1.135   | 1.039            | 1.026   | 1.084   | 1.003   | 0.990   |         |         |
| 12/31/2013  | 1.185   | 1.059   | 1.066   | 1.058   | 1.048            | 1.048   | 1.021   | 1.030   |         |         |         |
| 12/31/2014  | 1.164   | 1.150   | 1.080   | 1.077   | 1.047            | 1.053   | 1.027   |         |         |         |         |
| 12/31/2015  | 1.258   | 1.054   | 1.082   | 1.070   | 1.084            | 1.040   |         |         |         |         |         |
| 12/31/2016  | 1.147   | 1.180   | 1.086   | 1.082   | 1.033            |         |         |         |         |         |         |
| 12/31/2017  | 1.245   | 1.206   | 1.097   | 1.077   |                  |         |         |         |         |         |         |
| 12/31/2018  | 1.242   | 1.204   | 1.123   |         |                  |         |         |         |         |         |         |
| 12/31/2019  | 1.343   | 1.170   |         |         |                  |         |         |         |         |         |         |
| 12/31/2020  | 1.225   |         |         |         |                  |         |         |         |         |         |         |
| 3 Yr Mean   | 1.270   | 1.193   | 1.102   | 1.076   | 1.055            | 1.047   | 1.044   | 1.008   | 1.003   | 1.021   | 1.017   |
| Best 3/5    | 1.237   | 1.185   | 1.088   | 1.075   | 1.045            | 1.039   | 1.045   | 1.017   | 1.008   | 1.020   | 1.011   |
|             |         |         |         |         |                  |         |         |         |         |         |         |
| A.Y.E.      | 159:147 | 171:159 | 183:171 | 195:183 | 207:195          | 219:207 | 231:219 | 243:231 |         |         |         |
| 12/31/2002  | 0.990   | 0.985   | 0.988   | 1.004   | 1.000            | 1.002   | 0.999   | 1.000   |         |         |         |
| 12/31/2003  | 1.015   | 0.974   | 0.996   | 0.996   | 1.000            | 1.000   | 1.000   | 1.000   |         |         |         |
| 12/31/2004  | 1.013   | 1.000   | 0.999   | 0.995   | 0.999            | 1.000   | 1.000   | 1.000   |         |         |         |
| 12/31/2005  | 1.020   | 1.013   | 1.002   | 1.000   | 1.006            | 1.000   | 1.000   | 1.000   |         |         |         |
| 12/31/2006  | 1.010   | 1.019   | 0.988   | 0.997   | 0.998            | 1.000   | 1.000   | 1.000   |         |         |         |
| 12/31/2007  | 1.013   | 1.011   | 1.008   |         |                  |         |         |         |         |         |         |
| 12/31/2008  | 1.027   | 1.003   |         |         |                  |         |         |         |         |         |         |
| 12/31/2009  | 1.022   |         |         |         |                  |         |         |         |         |         |         |
| 3 Yr Mean   | 1.021   | 1.011   | 0.999   | 0.997   | 1.002            | 1.001   | 1.000   | 1.000   |         |         |         |
| Best 3/5    | 1.018   | 1.009   | 0.999   | 0.998   | 1.000            | 1.000   | 1.000   | 1.000   |         |         |         |
|             |         |         |         |         |                  |         |         |         |         |         |         |
| A.Y.E.      | 15/ 27  | 27/ 39  | 39/ 51  | 51/ 63  | Development From |         | 87/ 99  | 99/111  | 111/123 | 123/135 | 135/147 |
| 12/31/2017  |         |         |         |         | 63/ 75           | 75/ 87  | 1.045   | 1.017   | 1.008   | 1.020   | 1.011   |
| 12/31/2018  |         |         |         | 1.075   | 1.045            | 1.039   | 1.045   | 1.017   | 1.008   | 1.020   | 1.011   |
| 12/31/2019  |         |         | 1.088   | 1.075   | 1.045            | 1.039   | 1.045   | 1.017   | 1.008   | 1.020   | 1.011   |
| 12/31/2020  |         | 1.185   | 1.088   | 1.075   | 1.045            | 1.039   | 1.045   | 1.017   | 1.008   | 1.020   | 1.011   |
| 12/31/2021  | 1.237   | 1.185   | 1.088   | 1.075   | 1.045            | 1.039   | 1.045   | 1.017   | 1.008   | 1.020   | 1.011   |
|             |         |         |         |         |                  |         |         |         |         |         |         |
| A.Y.E       | 147/159 | 159/171 | 171/183 | 183/195 | 195/207          | 207/219 | 219/231 | 231/243 | 243/Ult | FACTORS |         |
| 12/31/2017  | 1.018   | 1.009   | 0.999   | 0.998   | 1.000            | 1.000   | 1.000   | 1.000   | 1.000   | 1.228   |         |
| 12/31/2018  | 1.018   | 1.009   | 0.999   | 0.998   | 1.000            | 1.000   | 1.000   | 1.000   | 1.000   | 1.320   |         |
| 12/31/2019  | 1.018   | 1.009   | 0.999   | 0.998   | 1.000            | 1.000   | 1.000   | 1.000   | 1.000   | 1.437   |         |
| 12/31/2020  | 1.018   | 1.009   | 0.999   | 0.998   | 1.000            | 1.000   | 1.000   | 1.000   | 1.000   | 1.702   |         |
| 12/31/2021  | 1.018   | 1.009   | 0.999   | 0.998   | 1.000            | 1.000   | 1.000   | 1.000   | 1.000   | 2.106   |         |

**Bold - Calculated Using Modified Bondy Method**

*Italics - Three year mean Excludes Modified Bondy ratios*

Completed Operations (Subline Code 336)  
Full Coverage  
Multistate  
Property Damage - Occurrence  
Incurred Accident Year ALAE Development

| Allocated Expenses as of: |           |            |            |            |            |            |            |            |            |            |            |
|---------------------------|-----------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| A.Y.E.                    | 15 Months | 27 Months  | 39 Months  | 51 Months  | 63 Months  | 75 Months  | 87 Months  | 99 Months  | 111 Months | 123 Months | 135 Months |
| 12/31/2002                | 2,823,584 | 6,333,817  | 12,672,606 | 18,394,832 | 22,666,187 | 26,030,637 | 30,033,871 | 33,752,148 | 37,011,611 | 38,887,389 | 39,851,544 |
| 12/31/2003                | 3,722,881 | 7,407,044  | 12,997,140 | 18,756,094 | 23,280,520 | 28,337,346 | 32,130,760 | 36,026,439 | 38,907,989 | 42,280,887 | 44,683,215 |
| 12/31/2004                | 3,204,699 | 6,662,105  | 13,173,742 | 19,964,051 | 25,892,432 | 31,711,551 | 38,686,612 | 44,156,621 | 49,834,240 | 53,959,715 | 58,498,244 |
| 12/31/2005                | 2,631,560 | 6,853,066  | 13,449,066 | 19,624,287 | 26,162,037 | 32,314,977 | 37,475,380 | 42,735,896 | 48,108,599 | 52,647,554 | 55,420,384 |
| 12/31/2006                | 4,142,363 | 8,223,850  | 16,474,280 | 24,578,424 | 32,603,669 | 39,059,194 | 45,969,398 | 50,052,550 | 57,278,870 | 60,003,202 | 63,410,615 |
| 12/31/2007                | 4,729,859 | 8,935,919  | 17,208,425 | 24,620,935 | 32,862,277 | 39,145,715 | 44,833,924 | 51,030,702 | 55,433,857 | 59,699,381 | 63,250,173 |
| 12/31/2008                | 5,690,845 | 12,497,404 | 21,587,353 | 32,963,868 | 41,762,710 | 48,764,975 | 53,901,616 | 57,044,114 | 61,195,401 | 63,792,732 | 66,507,032 |
| 12/31/2009                | 7,848,226 | 15,826,508 | 27,798,893 | 39,846,875 | 49,337,330 | 56,160,596 | 61,959,908 | 68,303,254 | 71,427,530 | 74,912,853 | 77,344,477 |
| 12/31/2010                | 6,596,702 | 14,834,800 | 26,041,607 | 37,767,723 | 45,130,963 | 51,048,998 | 56,153,213 | 58,845,043 | 62,017,141 | 63,018,567 | 63,990,752 |
| 12/31/2011                | 7,495,380 | 14,348,322 | 21,865,130 | 28,614,682 | 33,799,913 | 39,689,744 | 44,404,900 | 46,500,515 | 48,159,933 | 50,557,720 | 50,386,921 |
| 12/31/2012                | 5,362,520 | 11,463,153 | 19,718,851 | 27,221,801 | 35,884,719 | 38,798,692 | 41,084,590 | 43,142,954 | 46,645,102 | 48,442,798 |            |
| 12/31/2013                | 5,100,656 | 11,667,955 | 18,354,169 | 27,436,494 | 33,740,907 | 37,150,268 | 38,981,898 | 41,593,635 | 43,403,552 |            |            |
| 12/31/2014                | 4,791,252 | 10,731,152 | 18,319,614 | 24,779,688 | 29,032,871 | 33,655,434 | 36,547,954 | 39,040,952 |            |            |            |
| 12/31/2015                | 5,001,472 | 11,325,847 | 18,707,998 | 25,349,757 | 31,257,543 | 36,347,357 | 39,277,195 |            |            |            |            |
| 12/31/2016                | 5,475,208 | 12,006,799 | 21,115,670 | 30,299,515 | 34,992,923 | 39,467,218 |            |            |            |            |            |
| 12/31/2017                | 4,268,924 | 10,242,139 | 18,876,319 | 25,973,215 | 32,666,218 |            |            |            |            |            |            |
| 12/31/2018                | 3,995,613 | 11,667,184 | 19,795,432 | 28,679,534 |            |            |            |            |            |            |            |
| 12/31/2019                | 5,742,989 | 12,508,522 | 20,343,070 |            |            |            |            |            |            |            |            |
| 12/31/2020                | 5,372,011 | 11,865,824 |            |            |            |            |            |            |            |            |            |
| 12/31/2021                | 5,047,632 |            |            |            |            |            |            |            |            |            |            |

|            | 147 Months | 159 Months | 171 Months | 183 Months | 195 Months | 207 Months | 219 Months | 231 Months | 243 Months |
|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| 12/31/2002 | 41,125,574 | 42,530,553 | 43,110,838 | 43,972,645 | 44,579,351 | 44,962,904 | 44,901,767 | 44,919,648 | 44,536,040 |
| 12/31/2003 | 46,221,645 | 46,922,633 | 48,024,474 | 48,684,552 | 48,874,690 | 49,493,895 | 49,780,632 | 49,762,535 |            |
| 12/31/2004 | 62,582,467 | 65,039,965 | 66,099,202 | 66,410,260 | 66,673,338 | 66,826,096 | 66,949,046 |            |            |
| 12/31/2005 | 57,010,421 | 58,414,295 | 59,187,687 | 59,931,894 | 60,570,074 | 60,774,727 |            |            |            |
| 12/31/2006 | 65,513,348 | 67,107,911 | 67,064,514 | 67,610,823 | 68,082,695 |            |            |            |            |
| 12/31/2007 | 65,019,520 | 66,351,497 | 66,429,576 | 66,598,855 |            |            |            |            |            |
| 12/31/2008 | 68,920,858 | 70,501,526 | 71,505,787 |            |            |            |            |            |            |
| 12/31/2009 | 78,970,570 | 79,924,806 |            |            |            |            |            |            |            |
| 12/31/2010 | 65,618,424 |            |            |            |            |            |            |            |            |

| Link Ratios: 171 to Ultimate |         |         |         |         |         |         |         |
|------------------------------|---------|---------|---------|---------|---------|---------|---------|
| A.Y.E                        | 183:171 | 195:183 | 207:195 | 219:207 | 231:219 | 243:231 | Ult:243 |
| 12/31/2002                   | 1.020   | 1.014   | 1.009   | 0.999   | 1.000   | 0.991   | 1.001   |
| 12/31/2003                   | 1.014   | 1.004   | 1.013   | 1.006   | 1.000   | 1.001   | 1.001   |
| 12/31/2004                   | 1.005   | 1.004   | 1.002   | 1.002   | 1.003   | 1.001   | 1.001   |
| 12/31/2005                   | 1.013   | 1.011   | 1.003   | 1.005   | 1.003   | 1.001   | 1.001   |
| 12/31/2006                   | 1.008   | 1.007   | 1.006   | 1.005   | 1.003   | 1.001   | 1.001   |
| 12/31/2007                   | 1.003   |         |         |         |         |         |         |
| Best 3/5                     | 1.008   | 1.007   | 1.006   | 1.004   | 1.002   | 1.001   | 1.001   |

171 to Ultimate Factor: 1.029

**Bold - Calculated Using Modified Bondy Method**



Completed Operations (Subline Code 336)  
 Full Coverage  
 Multistate  
 Property Damage - Occurrence  
 Incurred Accident Year Incremental ALAE Development

|            |           | Increments |            |           |           |           |           |           |           |           |           |           |           |
|------------|-----------|------------|------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| A.Y.E.     | 27:15     | 39:27      | 51:39      | 63:51     | 75:63     | 87:75     | 99:87     | 111:99    | 123:111   | 135:123   | 147:135   | 159:147   | 171:159   |
| 12/31/2002 | 3,510,233 | 6,338,789  | 5,722,226  | 4,271,355 | 3,364,450 | 4,003,234 | 3,718,277 | 3,259,463 | 1,875,778 | 964,155   | 1,274,030 | 1,404,979 | 580,285   |
| 12/31/2003 | 3,684,163 | 5,590,096  | 5,758,954  | 4,524,426 | 5,056,826 | 3,793,414 | 3,895,679 | 2,881,550 | 3,372,898 | 2,402,328 | 1,538,430 | 700,988   | 1,101,841 |
| 12/31/2004 | 3,457,406 | 6,511,637  | 6,790,309  | 5,928,381 | 5,819,119 | 6,975,061 | 5,470,009 | 5,677,619 | 4,125,475 | 4,538,529 | 4,084,223 | 2,457,498 | 1,059,237 |
| 12/31/2005 | 4,221,506 | 6,596,000  | 6,175,221  | 6,537,750 | 6,152,940 | 5,160,403 | 5,260,516 | 5,372,703 | 4,538,955 | 2,772,830 | 1,590,037 | 1,403,874 | 773,392   |
| 12/31/2006 | 4,081,487 | 8,250,430  | 8,104,144  | 8,025,245 | 6,455,525 | 6,910,204 | 4,083,152 | 7,226,320 | 2,724,332 | 3,407,413 | 2,102,733 | 1,594,563 | -43,397   |
| 12/31/2007 | 4,206,060 | 8,272,506  | 7,412,510  | 8,241,342 | 6,283,438 | 5,688,209 | 6,196,778 | 4,403,155 | 4,265,524 | 3,550,792 | 1,769,347 | 1,331,977 | 78,079    |
| 12/31/2008 | 6,806,559 | 9,089,949  | 11,376,515 | 8,798,842 | 7,002,265 | 5,136,641 | 3,142,498 | 4,151,287 | 2,597,331 | 2,714,300 | 2,413,826 | 1,580,668 | 1,004,261 |
| 12/31/2009 | 7,978,282 | 11,972,385 | 12,047,982 | 9,490,455 | 6,823,266 | 5,799,312 | 6,343,346 | 3,124,276 | 3,485,323 | 2,431,624 | 1,626,093 | 954,236   |           |
| 12/31/2010 | 8,238,098 | 11,206,807 | 11,726,116 | 7,363,240 | 5,918,035 | 5,104,215 | 2,691,830 | 3,172,098 | 1,001,426 | 972,185   | 1,627,672 |           |           |
| 12/31/2011 | 6,852,942 | 7,516,808  | 6,749,552  | 5,185,231 | 5,889,831 | 4,715,156 | 2,095,615 | 1,659,418 | 2,397,787 | -170,799  |           |           |           |
| 12/31/2012 | 6,100,633 | 8,255,698  | 7,502,950  | 8,662,918 | 2,913,973 | 2,285,898 | 2,058,364 | 3,502,148 | 1,797,696 |           |           |           |           |
| 12/31/2013 | 6,567,299 | 6,686,214  | 9,082,325  | 6,304,413 | 3,409,361 | 1,831,630 | 2,611,737 | 1,809,917 |           |           |           |           |           |
| 12/31/2014 | 5,939,900 | 7,588,462  | 6,460,074  | 4,253,183 | 4,622,563 | 2,892,520 | 2,492,998 |           |           |           |           |           |           |
| 12/31/2015 | 6,324,375 | 7,382,151  | 6,641,759  | 5,907,786 | 5,089,814 | 2,929,838 |           |           |           |           |           |           |           |
| 12/31/2016 | 6,531,591 | 9,108,871  | 9,183,845  | 4,693,408 | 4,474,295 |           |           |           |           |           |           |           |           |
| 12/31/2017 | 5,973,215 | 8,634,180  | 7,096,896  | 6,693,003 |           |           |           |           |           |           |           |           |           |
| 12/31/2018 | 7,671,571 | 8,128,248  | 8,884,102  |           |           |           |           |           |           |           |           |           |           |
| 12/31/2019 | 6,765,533 | 7,834,548  |            |           |           |           |           |           |           |           |           |           |           |
| 12/31/2020 | 6,493,813 |            |            |           |           |           |           |           |           |           |           |           |           |

|            |        | Incremental Percentages |        |        |        |        |        |        |         |         |         |         |         |
|------------|--------|-------------------------|--------|--------|--------|--------|--------|--------|---------|---------|---------|---------|---------|
| A.Y.E.     | 27:15  | 39:27                   | 51:39  | 63:51  | 75:63  | 87:75  | 99:87  | 111:99 | 123:111 | 135:123 | 147:135 | 159:147 | 171:159 |
| 12/31/2002 | 0.0474 | 0.0856                  | 0.0773 | 0.0577 | 0.0455 | 0.0541 | 0.0502 | 0.0440 | 0.0253  | 0.0130  | 0.0172  | 0.0190  | 0.0078  |
| 12/31/2003 | 0.0484 | 0.0734                  | 0.0757 | 0.0594 | 0.0664 | 0.0498 | 0.0512 | 0.0379 | 0.0443  | 0.0316  | 0.0202  | 0.0092  | 0.0145  |
| 12/31/2004 | 0.0377 | 0.0710                  | 0.0740 | 0.0646 | 0.0634 | 0.0760 | 0.0596 | 0.0619 | 0.0450  | 0.0495  | 0.0445  | 0.0268  | 0.0115  |
| 12/31/2005 | 0.0489 | 0.0764                  | 0.0716 | 0.0758 | 0.0713 | 0.0598 | 0.0610 | 0.0623 | 0.0526  | 0.0321  | 0.0184  | 0.0163  | 0.0090  |
| 12/31/2006 | 0.0396 | 0.0801                  | 0.0787 | 0.0780 | 0.0627 | 0.0671 | 0.0397 | 0.0702 | 0.0265  | 0.0331  | 0.0204  | 0.0155  | -0.0004 |
| 12/31/2007 | 0.0387 | 0.0761                  | 0.0682 | 0.0758 | 0.0578 | 0.0523 | 0.0570 | 0.0405 | 0.0392  | 0.0327  | 0.0163  | 0.0123  | 0.0007  |
| 12/31/2008 | 0.0565 | 0.0755                  | 0.0945 | 0.0731 | 0.0582 | 0.0427 | 0.0261 | 0.0345 | 0.0216  | 0.0225  | 0.0200  | 0.0131  | 0.0083  |
| 12/31/2009 | 0.0655 | 0.0982                  | 0.0989 | 0.0779 | 0.0560 | 0.0476 | 0.0520 | 0.0256 | 0.0286  | 0.0200  | 0.0133  | 0.0078  |         |
| 12/31/2010 | 0.0722 | 0.0982                  | 0.1028 | 0.0645 | 0.0519 | 0.0447 | 0.0236 | 0.0278 | 0.0088  | 0.0085  | 0.0143  |         |         |
| 12/31/2011 | 0.0701 | 0.0768                  | 0.0690 | 0.0530 | 0.0602 | 0.0482 | 0.0214 | 0.0170 | 0.0245  | -0.0017 |         |         |         |
| 12/31/2012 | 0.0688 | 0.0931                  | 0.0846 | 0.0977 | 0.0329 | 0.0258 | 0.0232 | 0.0395 | 0.0203  |         |         |         |         |
| 12/31/2013 | 0.0757 | 0.0771                  | 0.1047 | 0.0727 | 0.0393 | 0.0211 | 0.0301 | 0.0209 |         |         |         |         |         |
| 12/31/2014 | 0.0669 | 0.0855                  | 0.0728 | 0.0479 | 0.0521 | 0.0326 | 0.0281 |        |         |         |         |         |         |
| 12/31/2015 | 0.0680 | 0.0793                  | 0.0714 | 0.0635 | 0.0547 | 0.0315 |        |        |         |         |         |         |         |
| 12/31/2016 | 0.0681 | 0.0950                  | 0.0957 | 0.0489 | 0.0466 |        |        |        |         |         |         |         |         |
| 12/31/2017 | 0.0601 | 0.0869                  | 0.0714 | 0.0673 |        |        |        |        |         |         |         |         |         |
| 12/31/2018 | 0.0675 | 0.0716                  | 0.0782 |        |        |        |        |        |         |         |         |         |         |
| 12/31/2019 | 0.0581 | 0.0672                  |        |        |        |        |        |        |         |         |         |         |         |
| 12/31/2020 | 0.0582 |                         |        |        |        |        |        |        |         |         |         |         |         |

|          |        |        |        |        |        |        |        |        |        |        |        |        |        |
|----------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Best 3/5 | 0.0619 | 0.0793 | 0.0741 | 0.0599 | 0.0460 | 0.0300 | 0.0250 | 0.0248 | 0.0221 | 0.0170 | 0.0169 | 0.0136 | 0.0060 |
|----------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|

Local Products (Subline Code 336)  
 Full Coverage  
 Multistate  
 Bodily Injury - Occurrence  
 Incurred Accident Year Basic Limits Loss Development Excluding ALAE

| \$100,000 Basic Limit Losses as of : |                  |                  |                  |                  |                  |                  |                  |                  |                   |                   |                   |
|--------------------------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-------------------|-------------------|-------------------|
| <u>A.Y.E.</u>                        | <u>15 Months</u> | <u>27 Months</u> | <u>39 Months</u> | <u>51 Months</u> | <u>63 Months</u> | <u>75 Months</u> | <u>87 Months</u> | <u>99 Months</u> | <u>111 Months</u> | <u>123 Months</u> | <u>135 Months</u> |
| 12/31/2002                           | 6,384,903        | 7,606,679        | 9,117,940        | 10,218,269       | 10,261,663       | 10,194,190       | 9,983,294        | 10,003,276       | 10,003,476        | 10,003,154        | 10,105,655        |
| 12/31/2003                           | 4,385,795        | 6,354,436        | 8,804,967        | 9,130,159        | 9,494,818        | 9,527,069        | 9,311,295        | 9,205,112        | 9,213,291         | 9,298,326         | 9,180,316         |
| 12/31/2004                           | 4,935,307        | 6,169,644        | 7,538,003        | 8,210,078        | 7,979,209        | 7,728,595        | 7,794,757        | 7,638,338        | 7,686,305         | 7,707,306         | 7,678,741         |
| 12/31/2005                           | 5,755,044        | 6,102,432        | 7,292,861        | 7,537,538        | 7,403,647        | 7,345,361        | 7,332,875        | 7,377,776        | 7,270,339         | 7,249,338         | 7,249,338         |
| 12/31/2006                           | 5,174,700        | 6,121,971        | 7,594,211        | 7,393,077        | 7,325,192        | 7,251,135        | 7,063,966        | 7,089,804        | 7,151,304         | 7,151,304         | 7,151,304         |
| 12/31/2007                           | 4,878,171        | 5,599,593        | 6,850,464        | 6,819,643        | 6,833,078        | 6,773,567        | 6,621,111        | 6,398,723        | 6,289,114         | 6,304,111         | 6,304,111         |
| 12/31/2008                           | 5,723,814        | 6,767,708        | 7,553,990        | 7,422,672        | 7,179,730        | 7,196,549        | 7,221,485        | 7,102,734        | 7,102,734         | 7,096,734         | 7,096,734         |
| 12/31/2009                           | 6,368,321        | 7,155,302        | 8,714,561        | 8,723,332        | 8,671,318        | 8,678,168        | 8,606,571        | 8,630,327        | 8,633,886         | 8,633,886         | 8,628,886         |
| 12/31/2010                           | 7,047,828        | 8,323,866        | 10,018,572       | 10,096,459       | 10,483,101       | 10,302,993       | 10,257,627       | 10,255,683       | 10,255,683        | 10,250,293        | 10,254,796        |
| 12/31/2011                           | 6,722,989        | 7,766,329        | 8,556,816        | 9,054,046        | 8,971,897        | 8,824,889        | 8,763,080        | 8,650,407        | 8,688,411         | 8,688,311         | 8,693,311         |
| 12/31/2012                           | 4,869,477        | 6,103,664        | 7,179,771        | 7,400,840        | 7,443,013        | 7,393,472        | 7,340,855        | 7,291,455        | 7,291,355         | 7,291,355         |                   |
| 12/31/2013                           | 5,276,169        | 6,429,208        | 7,214,919        | 7,208,399        | 7,052,154        | 7,104,228        | 7,245,488        | 7,348,850        | 7,370,050         |                   |                   |
| 12/31/2014                           | 5,188,978        | 6,092,492        | 6,346,705        | 6,670,258        | 6,745,317        | 6,933,466        | 6,931,738        | 6,926,738        |                   |                   |                   |
| 12/31/2015                           | 5,094,593        | 5,333,731        | 6,193,918        | 6,556,502        | 6,483,651        | 6,334,709        | 6,341,680        |                  |                   |                   |                   |
| 12/31/2016                           | 4,021,802        | 5,228,385        | 6,980,571        | 6,807,811        | 6,929,140        | 7,034,430        |                  |                  |                   |                   |                   |
| 12/31/2017                           | 4,102,220        | 5,745,071        | 6,664,889        | 7,097,934        | 6,821,578        |                  |                  |                  |                   |                   |                   |
| 12/31/2018                           | 4,248,969        | 5,924,960        | 6,613,983        | 7,155,267        |                  |                  |                  |                  |                   |                   |                   |
| 12/31/2019                           | 4,879,344        | 6,006,388        | 7,714,163        |                  |                  |                  |                  |                  |                   |                   |                   |
| 12/31/2020                           | 3,941,909        | 5,590,102        |                  |                  |                  |                  |                  |                  |                   |                   |                   |
| 12/31/2021                           | 6,210,008        |                  |                  |                  |                  |                  |                  |                  |                   |                   |                   |

| <u>A.Y.E</u> | <u>147 Months</u> | <u>159 Months</u> | <u>171 Months</u> | <u>183 Months</u> | <u>195 Months</u> | <u>207 Months</u> | <u>219 Months</u> | <u>231 Months</u> | <u>243 Months</u> |
|--------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| 12/31/2002   | 10,065,717        | 10,069,716        | 10,059,716        | 10,079,715        | 10,079,716        | 10,079,716        | 10,079,716        | 10,079,716        | 10,079,716        |
| 12/31/2003   | 9,169,316         | 9,159,316         | 9,159,316         | 9,169,316         | 9,162,121         | 9,162,121         | 9,162,122         | 9,162,121         |                   |
| 12/31/2004   | 7,680,240         | 7,678,740         | 7,678,740         | 7,678,740         | 7,678,740         | 7,678,742         | 7,713,740         |                   |                   |
| 12/31/2005   | 7,257,128         | 7,249,338         | 7,251,338         | 7,251,778         | 7,255,157         | 7,264,716         |                   |                   |                   |
| 12/31/2006   | 7,151,304         | 7,151,304         | 7,151,304         | 7,151,304         | 7,152,804         |                   |                   |                   |                   |
| 12/31/2007   | 6,304,111         | 6,304,110         | 6,304,110         | 6,304,110         |                   |                   |                   |                   |                   |
| 12/31/2008   | 7,096,734         | 7,116,721         | 7,096,734         |                   |                   |                   |                   |                   |                   |
| 12/31/2009   | 8,628,886         | 8,628,886         |                   |                   |                   |                   |                   |                   |                   |
| 12/31/2010   | 10,252,664        |                   |                   |                   |                   |                   |                   |                   |                   |

Local Products (Subline Code 336)  
Full Coverage  
Multistate  
Bodily Injury - Occurrence  
Incurred Accident Year Basic Limits Loss Development Excluding ALAE

| Link Ratios      |         |         |         |         |         |         |         |         |         |         |         |
|------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| A.Y.E.           | 27:15   | 39:27   | 51:39   | 63:51   | 75:63   | 87:75   | 99:87   | 111:99  | 123:111 | 135:123 | 147:135 |
| 12/31/2002       | 1.191   | 1.199   | 1.121   | 1.004   | 0.993   | 0.979   | 1.002   | 1.000   | 1.000   | 1.010   | 0.996   |
| 12/31/2003       | 1.449   | 1.386   | 1.037   | 1.040   | 1.003   | 0.977   | 0.989   | 1.001   | 1.009   | 0.987   | 0.999   |
| 12/31/2004       | 1.250   | 1.222   | 1.089   | 0.972   | 0.969   | 1.009   | 0.980   | 1.006   | 1.003   | 0.996   | 1.000   |
| 12/31/2005       | 1.060   | 1.195   | 1.034   | 0.982   | 0.992   | 0.998   | 1.006   | 0.985   | 0.997   | 1.000   | 1.001   |
| 12/31/2006       | 1.183   | 1.240   | 0.974   | 0.991   | 0.990   | 0.974   | 1.004   | 1.009   | 1.000   | 1.000   | 1.000   |
| 12/31/2007       | 1.148   | 1.223   | 0.996   | 1.002   | 0.991   | 0.977   | 0.966   | 0.983   | 1.002   | 1.000   | 1.000   |
| 12/31/2008       | 1.182   | 1.116   | 0.983   | 0.967   | 1.002   | 1.003   | 0.984   | 1.000   | 0.999   | 1.000   | 1.000   |
| 12/31/2009       | 1.124   | 1.218   | 1.001   | 0.994   | 1.001   | 0.992   | 1.003   | 1.000   | 1.000   | 0.999   | 1.000   |
| 12/31/2010       | 1.181   | 1.204   | 1.008   | 1.038   | 0.983   | 0.996   | 1.000   | 1.000   | 0.999   | 1.000   | 1.000   |
| 12/31/2011       | 1.155   | 1.102   | 1.058   | 0.991   | 0.984   | 0.993   | 0.987   | 1.004   | 1.000   | 1.001   |         |
| 12/31/2012       | 1.253   | 1.176   | 1.031   | 1.006   | 0.993   | 0.993   | 0.993   | 1.000   | 1.000   |         |         |
| 12/31/2013       | 1.219   | 1.122   | 0.999   | 0.978   | 1.007   | 1.020   | 1.014   | 1.003   |         |         |         |
| 12/31/2014       | 1.174   | 1.042   | 1.051   | 1.011   | 1.028   | 1.000   | 0.999   |         |         |         |         |
| 12/31/2015       | 1.047   | 1.161   | 1.059   | 0.989   | 0.977   | 1.001   |         |         |         |         |         |
| 12/31/2016       | 1.300   | 1.335   | 0.975   | 1.018   | 1.015   |         |         |         |         |         |         |
| 12/31/2017       | 1.400   | 1.160   | 1.065   | 0.961   |         |         |         |         |         |         |         |
| 12/31/2018       | 1.394   | 1.116   | 1.082   |         |         |         |         |         |         |         |         |
| 12/31/2019       | 1.231   | 1.284   |         |         |         |         |         |         |         |         |         |
| 12/31/2020       | 1.418   |         |         |         |         |         |         |         |         |         |         |
| 3 Yr Mean        | 1.348   | 1.187   | 1.041   | 0.989   | 1.007   | 1.007   | 1.002   | 1.002   | 1.000   | 1.000   | 1.000   |
| Best 3/5         | 1.365   | 1.202   | 1.058   | 0.993   | 1.005   | 0.998   | 0.997   | 1.001   | 1.000   | 1.000   | 1.000   |
|                  |         |         |         |         |         |         |         |         |         |         |         |
|                  | 159:147 | 171:159 | 183:171 | 195:183 | 207:195 | 219:207 | 231:219 | 243:231 |         |         |         |
| 12/31/2002       | 1.000   | 0.999   | 1.002   | 1.000   | 1.000   | 1.000   | 1.000   | 1.000   |         |         |         |
| 12/31/2003       | 0.999   | 1.000   | 1.001   | 0.999   | 1.000   | 1.000   | 1.000   | 1.000   |         |         |         |
| 12/31/2004       | 1.000   | 1.000   | 1.000   | 1.000   | 1.000   | 1.005   | 1.000   | 1.000   |         |         |         |
| 12/31/2005       | 0.999   | 1.000   | 1.000   | 1.000   | 1.001   | 1.000   | 1.000   | 1.000   |         |         |         |
| 12/31/2006       | 1.000   | 1.000   | 1.000   | 1.000   | 1.000   | 1.000   | 1.000   | 1.000   |         |         |         |
| 12/31/2007       | 1.000   | 1.000   | 1.000   |         |         |         |         |         |         |         |         |
| 12/31/2008       | 1.003   | 0.997   |         |         |         |         |         |         |         |         |         |
| 12/31/2009       | 1.000   |         |         |         |         |         |         |         |         |         |         |
| 3 Yr Mean        | 1.001   | 0.999   | 1.000   | 1.000   | 1.000   | 1.002   | 1.000   | 1.000   |         |         |         |
| Best 3/5         | 1.000   | 1.000   | 1.000   | 1.000   | 1.000   | 1.000   | 1.000   | 1.000   |         |         |         |
|                  |         |         |         |         |         |         |         |         |         |         |         |
| Development From |         |         |         |         |         |         |         |         |         |         |         |
| A.Y.E.           | 15/ 27  | 27/ 39  | 39/ 51  | 51/ 63  | 63/ 75  | 75/ 87  | 87/ 99  | 99/111  | 111/123 | 123/135 | 135/147 |
| 12/31/2017       |         |         |         |         | 1.005   | 0.998   | 0.997   | 1.001   | 1.000   | 1.000   | 1.000   |
| 12/31/2018       |         |         |         | 0.993   | 1.005   | 0.998   | 0.997   | 1.001   | 1.000   | 1.000   | 1.000   |
| 12/31/2019       |         |         | 1.058   | 0.993   | 1.005   | 0.998   | 0.997   | 1.001   | 1.000   | 1.000   | 1.000   |
| 12/31/2020       |         | 1.202   | 1.058   | 0.993   | 1.005   | 0.998   | 0.997   | 1.001   | 1.000   | 1.000   | 1.000   |
| 12/31/2021       | 1.365   | 1.202   | 1.058   | 0.993   | 1.005   | 0.998   | 0.997   | 1.001   | 1.000   | 1.000   | 1.000   |
|                  |         |         |         |         |         |         |         |         |         |         |         |
| A.Y.E            | 147/159 | 159/171 | 171/183 | 183/195 | 195/207 | 207/219 | 219/231 | 231/243 | 243/Ult | FACTORS |         |
| 12/31/2017       | 1.000   | 1.000   | 1.000   | 1.000   | 1.000   | 1.000   | 1.000   | 1.000   | 1.000   | 1.001   |         |
| 12/31/2018       | 1.000   | 1.000   | 1.000   | 1.000   | 1.000   | 1.000   | 1.000   | 1.000   | 1.000   | 0.994   |         |
| 12/31/2019       | 1.000   | 1.000   | 1.000   | 1.000   | 1.000   | 1.000   | 1.000   | 1.000   | 1.000   | 1.052   |         |
| 12/31/2020       | 1.000   | 1.000   | 1.000   | 1.000   | 1.000   | 1.000   | 1.000   | 1.000   | 1.000   | 1.264   |         |
| 12/31/2021       | 1.000   | 1.000   | 1.000   | 1.000   | 1.000   | 1.000   | 1.000   | 1.000   | 1.000   | 1.725   |         |

**Bold - Calculated Using Modified Bondy Method**

*Italics - Three year mean Excludes Modified Bondy ratios*

Local Products (Subline Code 336)  
Deductible  
Multistate  
Bodily Injury - Occurrence  
Incurred Accident Year Basic Limits Loss Development Excluding ALAE

| \$100,000 Basic Limit Losses as of : |                  |                  |                  |                  |                  |                  |                  |                  |                   |                   |                   |
|--------------------------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-------------------|-------------------|-------------------|
| A.Y.E.                               | <u>15 Months</u> | <u>27 Months</u> | <u>39 Months</u> | <u>51 Months</u> | <u>63 Months</u> | <u>75 Months</u> | <u>87 Months</u> | <u>99 Months</u> | <u>111 Months</u> | <u>123 Months</u> | <u>135 Months</u> |
| 12/31/2002                           | 338,196          | 409,774          | 364,366          | 472,857          | 463,103          | 424,364          | 424,363          | 424,363          | 424,363           | 424,363           | 424,363           |
| 12/31/2003                           | 116,528          | 208,606          | 182,106          | 236,820          | 154,427          | 88,642           | 90,142           | 65,041           | 65,041            | 65,041            | 65,041            |
| 12/31/2004                           | 418,878          | 384,565          | 766,260          | 1,010,432        | 609,871          | 611,151          | 588,752          | 588,751          | 588,751           | 588,751           | 588,751           |
| 12/31/2005                           | 532,370          | 650,832          | 1,014,974        | 910,481          | 805,513          | 888,930          | 888,929          | 888,979          | 888,979           | 889,608           | 889,608           |
| 12/31/2006                           | 381,639          | 728,466          | 745,510          | 653,981          | 681,764          | 681,207          | 681,207          | 681,207          | 681,207           | 681,207           | 681,207           |
| 12/31/2007                           | 346,556          | 368,073          | 650,142          | 616,851          | 566,682          | 556,782          | 556,782          | 562,782          | 562,782           | 562,782           | 556,782           |
| 12/31/2008                           | 525,801          | 364,649          | 469,611          | 421,590          | 352,812          | 346,242          | 345,742          | 345,742          | 345,742           | 345,742           | 345,742           |
| 12/31/2009                           | 264,730          | 292,020          | 305,963          | 238,979          | 337,219          | 338,219          | 338,219          | 338,219          | 338,219           | 338,219           | 338,219           |
| 12/31/2010                           | 433,640          | 323,106          | 296,588          | 284,088          | 290,088          | 290,088          | 290,088          | 284,088          | 284,088           | 284,088           | 284,088           |
| 12/31/2011                           | 373,952          | 612,936          | 745,902          | 807,902          | 815,402          | 799,003          | 885,503          | 885,503          | 885,548           | 900,548           | 885,548           |
| 12/31/2012                           | 326,981          | 434,311          | 375,201          | 399,369          | 484,565          | 488,369          | 488,369          | 488,369          | 488,369           | 488,369           |                   |
| 12/31/2013                           | 318,260          | 405,131          | 434,829          | 504,467          | 520,234          | 519,782          | 519,782          | 519,782          | 518,782           |                   |                   |
| 12/31/2014                           | 821,769          | 904,258          | 797,119          | 980,216          | 930,216          | 914,216          | 914,216          | 914,216          |                   |                   |                   |
| 12/31/2015                           | 415,478          | 578,970          | 637,756          | 751,120          | 733,450          | 750,156          | 755,156          |                  |                   |                   |                   |
| 12/31/2016                           | 303,321          | 448,584          | 584,760          | 572,780          | 548,305          | 573,305          |                  |                  |                   |                   |                   |
| 12/31/2017                           | 375,978          | 970,159          | 884,275          | 831,246          | 829,659          |                  |                  |                  |                   |                   |                   |
| 12/31/2018                           | 537,774          | 721,257          | 684,815          | 719,050          |                  |                  |                  |                  |                   |                   |                   |
| 12/31/2019                           | 508,531          | 697,241          | 582,148          |                  |                  |                  |                  |                  |                   |                   |                   |
| 12/31/2020                           | 235,636          | 748,660          |                  |                  |                  |                  |                  |                  |                   |                   |                   |
| 12/31/2021                           | 644,777          |                  |                  |                  |                  |                  |                  |                  |                   |                   |                   |

  

| A.Y.E.     | <u>147 Months</u> | <u>159 Months</u> | <u>171 Months</u> | <u>183 Months</u> | <u>195 Months</u> | <u>207 Months</u> | <u>219 Months</u> | <u>231 Months</u> | <u>243 Months</u> |
|------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| 12/31/2002 | 424,363           | 424,363           | 424,363           | 416,863           | 416,863           | 416,863           | 416,863           | 416,863           | 416,863           |
| 12/31/2003 | 65,041            | 65,041            | 65,041            | 65,041            | 65,041            | 65,041            | 65,041            | 65,041            |                   |
| 12/31/2004 | 588,751           | 588,751           | 588,751           | 588,751           | 588,751           | 588,751           | 588,751           |                   |                   |
| 12/31/2005 | 889,608           | 889,608           | 889,608           | 889,608           | 889,608           | 889,608           |                   |                   |                   |
| 12/31/2006 | 681,207           | 681,207           | 681,207           | 681,207           | 681,207           |                   |                   |                   |                   |
| 12/31/2007 | 556,782           | 556,782           | 556,782           | 556,782           |                   |                   |                   |                   |                   |
| 12/31/2008 | 345,742           | 345,742           | 345,742           |                   |                   |                   |                   |                   |                   |
| 12/31/2009 | 338,219           | 338,219           |                   |                   |                   |                   |                   |                   |                   |
| 12/31/2010 | 284,088           |                   |                   |                   |                   |                   |                   |                   |                   |

Local Products (Subline Code 336)  
Deductible  
Multistate  
Bodily Injury - Occurrence  
Incurred Accident Year Basic Limits Loss Development Excluding ALAE

| Link Ratios   |                |                |                |                |                  |                |                |                |                |                |                |
|---------------|----------------|----------------|----------------|----------------|------------------|----------------|----------------|----------------|----------------|----------------|----------------|
| <u>A.Y.E.</u> | <u>27:15</u>   | <u>39:27</u>   | <u>51:39</u>   | <u>63:51</u>   | <u>75:63</u>     | <u>87:75</u>   | <u>99:87</u>   | <u>111:99</u>  | <u>123:111</u> | <u>135:123</u> | <u>147:135</u> |
| 12/31/2002    | 1.212          | 0.889          | 1.298          | 0.979          | 0.916            | 1.000          | 1.000          | 1.000          | 1.000          | 1.000          | 1.000          |
| 12/31/2003    | 1.790          | 0.873          | 1.300          | 0.652          | 0.574            | 1.000          | 0.722          | 1.000          | 1.000          | 1.000          | 1.000          |
| 12/31/2004    | 0.918          | 1.993          | 1.319          | 0.604          | 1.002            | 0.963          | 1.000          | 1.000          | 1.000          | 1.000          | 1.000          |
| 12/31/2005    | 1.223          | 1.560          | 0.897          | 0.885          | 1.104            | 1.000          | 1.000          | 1.000          | 1.001          | 1.000          | 1.000          |
| 12/31/2006    | 1.909          | 1.023          | 0.877          | 1.042          | 0.999            | 1.000          | 1.000          | 1.000          | 1.000          | 1.000          | 1.000          |
| 12/31/2007    | 1.062          | 1.766          | 0.949          | 0.919          | 0.983            | 1.000          | 1.011          | 1.000          | 1.000          | 0.989          | 1.000          |
| 12/31/2008    | 0.694          | 1.288          | 0.898          | 0.837          | 0.981            | 0.999          | 1.000          | 1.000          | 1.000          | 1.000          | 1.000          |
| 12/31/2009    | 1.103          | 1.048          | 0.781          | 1.411          | 1.003            | 1.000          | 1.000          | 1.000          | 1.000          | 1.000          | 1.000          |
| 12/31/2010    | 0.745          | 0.918          | 0.958          | 1.021          | 1.000            | 1.000          | 0.979          | 1.000          | 1.000          | 1.000          | 1.000          |
| 12/31/2011    | 1.639          | 1.217          | 1.083          | 1.009          | 0.980            | 1.108          | 1.000          | 1.000          | 1.017          | 0.983          |                |
| 12/31/2012    | 1.328          | 0.864          | 1.064          | 1.213          | 1.008            | 1.000          | 1.000          | 1.000          | 1.000          |                |                |
| 12/31/2013    | 1.273          | 1.073          | 1.160          | 1.031          | 0.999            | 1.000          | 1.000          | 0.998          |                |                |                |
| 12/31/2014    | 1.100          | 0.882          | 1.230          | 0.949          | 0.983            | 1.000          | 1.000          |                |                |                |                |
| 12/31/2015    | 1.394          | 1.102          | 1.178          | 0.976          | 1.023            | 1.007          |                |                |                |                |                |
| 12/31/2016    | 1.479          | 1.304          | 0.980          | 0.957          | 1.046            |                |                |                |                |                |                |
| 12/31/2017    | 2.580          | 0.911          | 0.940          | 0.998          |                  |                |                |                |                |                |                |
| 12/31/2018    | 1.341          | 0.949          | 1.050          |                |                  |                |                |                |                |                |                |
| 12/31/2019    | 1.371          | 0.835          |                |                |                  |                |                |                |                |                |                |
| 12/31/2020    | 3.177          |                |                |                |                  |                |                |                |                |                |                |
| 3 Yr Mean     | 1.963          | 0.898          | 0.990          | 0.977          | 1.017            | 1.002          | 1.000          | 0.999          | 1.006          | 0.994          | 1.000          |
| Best 3/5      | 1.810          | 0.987          | 1.069          | 0.977          | 1.010            | 1.002          | 1.000          | 1.000          | 1.000          | 0.996          | 1.000          |
|               |                |                |                |                |                  |                |                |                |                |                |                |
| <u>A.Y.E.</u> | <u>159:147</u> | <u>171:159</u> | <u>183:171</u> | <u>195:183</u> | <u>207:195</u>   | <u>219:207</u> | <u>231:219</u> | <u>243:231</u> |                |                |                |
| 12/31/2002    | 1.000          | 1.000          | 0.982          | 1.000          | 1.000            | 1.000          | 1.000          | 1.000          |                |                |                |
| 12/31/2003    | 1.000          | 1.000          | 1.000          | 1.000          | 1.000            | 1.000          | 1.000          | <b>1.000</b>   |                |                |                |
| 12/31/2004    | 1.000          | 1.000          | 1.000          | 1.000          | 1.000            | 1.000          | <b>1.000</b>   | <b>1.000</b>   |                |                |                |
| 12/31/2005    | 1.000          | 1.000          | 1.000          | 1.000          | 1.000            | <b>1.000</b>   | <b>1.000</b>   | <b>1.000</b>   |                |                |                |
| 12/31/2006    | 1.000          | 1.000          | 1.000          | 1.000          | <b>1.000</b>     | <b>1.000</b>   | <b>1.000</b>   | <b>1.000</b>   |                |                |                |
| 12/31/2007    | 1.000          | 1.000          | 1.000          |                |                  |                |                |                |                |                |                |
| 12/31/2008    | 1.000          | 1.000          |                |                |                  |                |                |                |                |                |                |
| 12/31/2009    | 1.000          |                |                |                |                  |                |                |                |                |                |                |
| 3 Yr Mean     | 1.000          | 1.000          | 1.000          | 1.000          | 1.000            | 1.000          | 1.000          | 1.000          |                |                |                |
| Best 3/5      | 1.000          | 1.000          | 1.000          | 1.000          | 1.000            | 1.000          | 1.000          | 1.000          |                |                |                |
|               |                |                |                |                |                  |                |                |                |                |                |                |
| <u>A.Y.E.</u> | <u>15/ 27</u>  | <u>27/ 39</u>  | <u>39/ 51</u>  | <u>51/ 63</u>  | Development From |                |                |                | <u>111/123</u> | <u>123/135</u> | <u>135/147</u> |
|               |                |                |                |                | <u>63/ 75</u>    | <u>75/ 87</u>  | <u>87/ 99</u>  | <u>99/111</u>  |                |                |                |
| 12/31/2017    |                |                |                |                | 1.010            | 1.002          | 1.000          | 1.000          | 1.000          | 0.996          | 1.000          |
| 12/31/2018    |                |                |                | 0.977          | 1.010            | 1.002          | 1.000          | 1.000          | 1.000          | 0.996          | 1.000          |
| 12/31/2019    |                |                | 1.069          | 0.977          | 1.010            | 1.002          | 1.000          | 1.000          | 1.000          | 0.996          | 1.000          |
| 12/31/2020    |                | 0.987          | 1.069          | 0.977          | 1.010            | 1.002          | 1.000          | 1.000          | 1.000          | 0.996          | 1.000          |
| 12/31/2021    | 1.810          | 0.987          | 1.069          | 0.977          | 1.010            | 1.002          | 1.000          | 1.000          | 1.000          | 0.996          | 1.000          |
|               |                |                |                |                |                  |                |                |                |                |                |                |
| <u>A.Y.E.</u> | <u>147/159</u> | <u>159/171</u> | <u>171/183</u> | <u>183/195</u> | <u>195/207</u>   | <u>207/219</u> | <u>219/231</u> | <u>231/243</u> | <u>243/Ult</u> | FACTORS        |                |
| 12/31/2017    | 1.000          | 1.000          | 1.000          | 1.000          | 1.000            | 1.000          | 1.000          | 1.000          | <b>1.000</b>   |                | 1.008          |
| 12/31/2018    | 1.000          | 1.000          | 1.000          | 1.000          | 1.000            | 1.000          | 1.000          | 1.000          | <b>1.000</b>   |                | 0.985          |
| 12/31/2019    | 1.000          | 1.000          | 1.000          | 1.000          | 1.000            | 1.000          | 1.000          | 1.000          | <b>1.000</b>   |                | 1.053          |
| 12/31/2020    | 1.000          | 1.000          | 1.000          | 1.000          | 1.000            | 1.000          | 1.000          | 1.000          | <b>1.000</b>   |                | 1.039          |
| 12/31/2021    | 1.000          | 1.000          | 1.000          | 1.000          | 1.000            | 1.000          | 1.000          | 1.000          | <b>1.000</b>   |                | 1.881          |

**Bold - Calculated Using Modified Bondy Method**

*Italics - Three year mean Excludes Modified Bondy ratios*

Local Products (Subline Code 336)  
Full Coverage  
Multistate  
Bodily Injury - Occurrence  
Incurred Accident Year ALAE Development

| Allocated Expenses as of: |           |           |           |           |           |           |           |           |            |            |            |
|---------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|------------|------------|------------|
| A.Y.E.                    | 15 Months | 27 Months | 39 Months | 51 Months | 63 Months | 75 Months | 87 Months | 99 Months | 111 Months | 123 Months | 135 Months |
| 12/31/2002                | 1,621,679 | 2,401,505 | 3,706,521 | 4,446,885 | 5,434,576 | 5,781,801 | 5,894,243 | 6,027,238 | 6,083,293  | 6,094,980  | 6,188,930  |
| 12/31/2003                | 649,799   | 1,381,293 | 2,277,548 | 3,013,113 | 3,614,767 | 3,943,615 | 4,086,149 | 4,063,805 | 4,073,053  | 4,108,300  | 4,182,267  |
| 12/31/2004                | 665,839   | 1,352,613 | 2,271,634 | 2,901,659 | 3,425,916 | 3,645,504 | 3,783,671 | 3,925,279 | 3,935,486  | 3,934,701  | 3,935,446  |
| 12/31/2005                | 532,163   | 1,215,511 | 2,010,130 | 2,598,226 | 3,072,403 | 2,987,341 | 3,078,082 | 3,071,383 | 3,062,569  | 3,043,382  | 3,043,412  |
| 12/31/2006                | 545,998   | 1,391,524 | 2,294,929 | 3,298,591 | 3,996,982 | 4,405,050 | 4,549,902 | 4,521,275 | 4,554,398  | 4,549,719  | 4,549,719  |
| 12/31/2007                | 558,126   | 1,071,481 | 2,144,032 | 2,681,928 | 3,252,510 | 3,519,657 | 3,730,427 | 3,568,825 | 3,606,753  | 3,602,632  | 3,604,768  |
| 12/31/2008                | 639,598   | 1,242,317 | 2,095,937 | 2,740,520 | 3,073,750 | 3,137,678 | 3,178,717 | 3,186,822 | 3,186,822  | 3,186,165  | 3,186,165  |
| 12/31/2009                | 611,183   | 1,397,732 | 2,575,782 | 3,310,499 | 3,859,898 | 4,571,960 | 4,017,344 | 4,028,593 | 4,026,748  | 4,037,078  | 4,036,404  |
| 12/31/2010                | 828,527   | 1,764,564 | 3,114,076 | 4,478,153 | 5,590,145 | 5,915,966 | 5,834,773 | 5,839,030 | 5,840,941  | 5,852,028  | 5,853,079  |
| 12/31/2011                | 620,479   | 1,311,684 | 2,635,968 | 3,807,563 | 4,227,671 | 4,557,947 | 4,708,810 | 4,721,949 | 4,751,657  | 4,788,130  | 4,825,506  |
| 12/31/2012                | 578,544   | 1,503,728 | 3,165,207 | 4,022,826 | 4,439,608 | 4,798,275 | 4,883,654 | 4,927,437 | 5,002,523  | 5,014,104  |            |
| 12/31/2013                | 929,409   | 2,139,167 | 3,485,069 | 4,582,615 | 5,355,865 | 5,884,301 | 6,291,036 | 6,436,366 | 6,546,312  |            |            |
| 12/31/2014                | 810,695   | 1,469,050 | 2,448,966 | 3,441,063 | 3,765,395 | 3,934,044 | 3,971,502 | 3,988,157 |            |            |            |
| 12/31/2015                | 449,850   | 912,792   | 1,729,780 | 2,505,289 | 2,768,379 | 2,855,600 | 2,924,683 |           |            |            |            |
| 12/31/2016                | 476,614   | 1,281,298 | 2,490,714 | 2,696,007 | 3,133,968 | 3,410,832 |           |           |            |            |            |
| 12/31/2017                | 485,667   | 1,518,756 | 2,538,448 | 3,642,181 | 4,078,438 |           |           |           |            |            |            |
| 12/31/2018                | 679,016   | 1,143,826 | 2,159,631 | 3,033,846 |           |           |           |           |            |            |            |
| 12/31/2019                | 542,923   | 2,494,802 | 4,414,752 |           |           |           |           |           |            |            |            |
| 12/31/2020                | 567,079   | 1,569,236 |           |           |           |           |           |           |            |            |            |
| 12/31/2021                | 682,539   |           |           |           |           |           |           |           |            |            |            |

  

| A.Y.E      | 147 Months | 159 Months | 171 Months | 183 Months | 195 Months | 207 Months | 219 Months | 231 Months | 243 Months |
|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| 12/31/2002 | 6,239,874  | 6,295,875  | 6,291,482  | 6,305,653  | 6,327,100  | 6,336,750  | 6,339,199  | 6,339,231  | 6,339,286  |
| 12/31/2003 | 4,162,557  | 4,162,557  | 4,160,450  | 4,210,450  | 4,202,687  | 4,199,017  | 4,199,059  | 4,199,051  |            |
| 12/31/2004 | 3,932,646  | 3,932,635  | 3,929,496  | 3,929,824  | 3,929,824  | 3,930,295  | 3,956,137  |            |            |
| 12/31/2005 | 3,043,412  | 3,073,859  | 3,073,994  | 3,074,382  | 3,075,613  | 3,077,644  |            |            |            |
| 12/31/2006 | 4,549,719  | 4,549,719  | 4,549,719  | 4,550,190  | 4,551,037  |            |            |            |            |
| 12/31/2007 | 3,603,835  | 3,608,174  | 3,608,813  | 3,609,660  |            |            |            |            |            |
| 12/31/2008 | 3,186,165  | 3,186,649  | 3,188,652  |            |            |            |            |            |            |
| 12/31/2009 | 4,037,539  | 4,038,382  |            |            |            |            |            |            |            |
| 12/31/2010 | 5,845,558  |            |            |            |            |            |            |            |            |

Local Products (Subline Code 336)  
 Full Coverage  
 Multistate  
 Bodily Injury - Occurrence  
 Incurred Accident Year Incremental ALAE Development

|            | Increments   |              |              |              |              |              |              |               |                |                |                |                |                |
|------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|---------------|----------------|----------------|----------------|----------------|----------------|
| A.Y.E.     | <u>27:15</u> | <u>39:27</u> | <u>51:39</u> | <u>63:51</u> | <u>75:63</u> | <u>87:75</u> | <u>99:87</u> | <u>111:99</u> | <u>123:111</u> | <u>135:123</u> | <u>147:135</u> | <u>159:147</u> | <u>171:159</u> |
| 12/31/2002 | 779,826      | 1,305,016    | 740,364      | 987,691      | 347,225      | 112,442      | 132,995      | 56,055        | 11,687         | 93,950         | 50,944         | 56,001         | -4,393         |
| 12/31/2003 | 731,494      | 896,255      | 735,565      | 601,654      | 328,848      | 142,534      | -22,344      | 9,248         | 35,247         | 73,967         | -19,710        | 0              | -2,107         |
| 12/31/2004 | 686,774      | 919,021      | 630,025      | 524,257      | 219,588      | 138,167      | 141,608      | 10,207        | -785           | 745            | -2,800         | -11            | -3,139         |
| 12/31/2005 | 683,348      | 794,619      | 588,096      | 474,177      | -85,062      | 90,741       | -6,699       | -8,814        | -19,187        | 30             | 0              | 30,447         | 135            |
| 12/31/2006 | 845,526      | 903,405      | 1,003,662    | 698,391      | 408,068      | 144,852      | -28,627      | 33,123        | -4,679         | 0              | 0              | 0              | 0              |
| 12/31/2007 | 513,355      | 1,072,551    | 537,896      | 570,582      | 267,147      | 210,770      | -161,602     | 37,928        | -4,121         | 2,136          | -933           | 4,339          | 639            |
| 12/31/2008 | 602,719      | 853,620      | 644,583      | 333,230      | 63,928       | 41,039       | 8,105        | 0             | -657           | 0              | 0              | 484            | 2,003          |
| 12/31/2009 | 786,549      | 1,178,050    | 734,717      | 549,399      | 712,062      | -554,616     | 11,249       | -1,845        | 10,330         | -674           | 1,135          | 843            |                |
| 12/31/2010 | 936,037      | 1,349,512    | 1,364,077    | 1,111,992    | 325,821      | -81,193      | 4,257        | 1,911         | 11,087         | 1,051          | -7,521         |                |                |
| 12/31/2011 | 691,205      | 1,324,284    | 1,171,595    | 420,108      | 330,276      | 150,863      | 13,139       | 29,708        | 36,473         | 37,376         |                |                |                |
| 12/31/2012 | 925,184      | 1,661,479    | 857,619      | 416,782      | 358,667      | 85,379       | 43,783       | 75,086        | 11,581         |                |                |                |                |
| 12/31/2013 | 1,209,758    | 1,345,902    | 1,097,546    | 773,250      | 528,436      | 406,735      | 145,330      | 109,946       |                |                |                |                |                |
| 12/31/2014 | 658,355      | 979,916      | 992,097      | 324,332      | 168,649      | 37,458       | 16,655       |               |                |                |                |                |                |
| 12/31/2015 | 462,942      | 816,988      | 775,509      | 263,090      | 87,221       | 69,083       |              |               |                |                |                |                |                |
| 12/31/2016 | 804,684      | 1,209,416    | 205,293      | 437,961      | 276,864      |              |              |               |                |                |                |                |                |
| 12/31/2017 | 1,033,089    | 1,019,692    | 1,103,733    | 436,257      |              |              |              |               |                |                |                |                |                |
| 12/31/2018 | 464,810      | 1,015,805    | 874,215      |              |              |              |              |               |                |                |                |                |                |
| 12/31/2019 | 1,951,879    | 1,919,950    |              |              |              |              |              |               |                |                |                |                |                |
| 12/31/2020 | 1,002,157    |              |              |              |              |              |              |               |                |                |                |                |                |

|            | Incremental Percentages |              |              |              |              |              |              |               |                |                |                |                |                |
|------------|-------------------------|--------------|--------------|--------------|--------------|--------------|--------------|---------------|----------------|----------------|----------------|----------------|----------------|
| A.Y.E.     | <u>27:15</u>            | <u>39:27</u> | <u>51:39</u> | <u>63:51</u> | <u>75:63</u> | <u>87:75</u> | <u>99:87</u> | <u>111:99</u> | <u>123:111</u> | <u>135:123</u> | <u>147:135</u> | <u>159:147</u> | <u>171:159</u> |
| 12/31/2002 | 0.0469                  | 0.0786       | 0.0446       | 0.0595       | 0.0209       | 0.0068       | 0.0080       | 0.0034        | 0.0007         | 0.0057         | 0.0031         | 0.0034         | -0.0003        |
| 12/31/2003 | 0.0494                  | 0.0606       | 0.0497       | 0.0407       | 0.0222       | 0.0096       | -0.0015      | 0.0006        | 0.0024         | 0.0050         | -0.0013        | 0.0000         | -0.0001        |
| 12/31/2004 | 0.0615                  | 0.0822       | 0.0564       | 0.0469       | 0.0197       | 0.0124       | 0.0127       | 0.0009        | -0.0001        | 0.0001         | -0.0003        | 0.0000         | -0.0003        |
| 12/31/2005 | 0.0640                  | 0.0744       | 0.0550       | 0.0444       | -0.0080      | 0.0085       | -0.0006      | -0.0008       | -0.0018        | 0.0000         | 0.0000         | 0.0028         | 0.0000         |
| 12/31/2006 | 0.0745                  | 0.0796       | 0.0884       | 0.0615       | 0.0359       | 0.0128       | -0.0025      | 0.0029        | -0.0004        | 0.0000         | 0.0000         | 0.0000         | 0.0000         |
| 12/31/2007 | 0.0465                  | 0.0972       | 0.0488       | 0.0517       | 0.0242       | 0.0191       | -0.0147      | 0.0034        | -0.0004        | 0.0002         | -0.0001        | 0.0004         | 0.0001         |
| 12/31/2008 | 0.0501                  | 0.0710       | 0.0536       | 0.0277       | 0.0053       | 0.0034       | 0.0007       | 0.0000        | -0.0001        | 0.0000         | 0.0000         | 0.0000         | 0.0002         |
| 12/31/2009 | 0.0611                  | 0.0915       | 0.0570       | 0.0427       | 0.0553       | -0.0431      | 0.0009       | -0.0001       | 0.0008         | -0.0001        | 0.0001         | 0.0001         |                |
| 12/31/2010 | 0.0625                  | 0.0902       | 0.0911       | 0.0743       | 0.0218       | -0.0054      | 0.0003       | 0.0001        | 0.0007         | 0.0001         | -0.0005        |                |                |
| 12/31/2011 | 0.0486                  | 0.0931       | 0.0823       | 0.0295       | 0.0232       | 0.0106       | 0.0009       | 0.0021        | 0.0026         | 0.0026         |                |                |                |
| 12/31/2012 | 0.0777                  | 0.1395       | 0.0720       | 0.0350       | 0.0301       | 0.0072       | 0.0037       | 0.0063        | 0.0010         |                |                |                |                |
| 12/31/2013 | 0.1039                  | 0.1155       | 0.0942       | 0.0664       | 0.0454       | 0.0349       | 0.0125       | 0.0094        |                |                |                |                |                |
| 12/31/2014 | 0.0556                  | 0.0828       | 0.0838       | 0.0274       | 0.0143       | 0.0032       | 0.0014       |               |                |                |                |                |                |
| 12/31/2015 | 0.0417                  | 0.0737       | 0.0699       | 0.0237       | 0.0079       | 0.0062       |              |               |                |                |                |                |                |
| 12/31/2016 | 0.0637                  | 0.0958       | 0.0163       | 0.0347       | 0.0219       |              |              |               |                |                |                |                |                |
| 12/31/2017 | 0.0660                  | 0.0651       | 0.0705       | 0.0279       |              |              |              |               |                |                |                |                |                |
| 12/31/2018 | 0.0411                  | 0.0898       | 0.0773       |              |              |              |              |               |                |                |                |                |                |
| 12/31/2019 | 0.1241                  | 0.1221       |              |              |              |              |              |               |                |                |                |                |                |
| 12/31/2020 | 0.0837                  |              |              |              |              |              |              |               |                |                |                |                |                |

|          |        |        |        |        |        |        |        |        |        |        |        |        |        |
|----------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Best 3/5 | 0.0711 | 0.0864 | 0.0726 | 0.0300 | 0.0221 | 0.0080 | 0.0020 | 0.0028 | 0.0008 | 0.0001 | 0.0000 | 0.0002 | 0.0000 |
|----------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|

Local Products (Subline Code 336)  
 Full Coverage  
 Multistate  
 Bodily Injury - Occurrence  
 Incurred Accident Year Incremental ALAE Development

|                         | Link Ratios    |                |                |                |                |                |                |
|-------------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| A.Y.E                   | <u>183:171</u> | <u>195:183</u> | <u>207:195</u> | <u>219:207</u> | <u>231:219</u> | <u>243:231</u> | <u>Ult:243</u> |
| 12/31/2002              | 1.002          | 1.003          | 1.002          | 1.000          | 1.000          | 1.000          | <b>1.000</b>   |
| 12/31/2003              | 1.012          | 0.998          | 0.999          | 1.000          | 1.000          | <b>1.000</b>   | <b>1.000</b>   |
| 12/31/2004              | 1.000          | 1.000          | 1.000          | 1.007          | <b>1.000</b>   | <b>1.000</b>   | <b>1.000</b>   |
| 12/31/2005              | 1.000          | 1.000          | 1.001          | <b>1.000</b>   | <b>1.000</b>   | <b>1.000</b>   | <b>1.000</b>   |
| 12/31/2006              | 1.000          | 1.000          | <b>1.000</b>   | <b>1.000</b>   | <b>1.000</b>   | <b>1.000</b>   | <b>1.000</b>   |
| 12/31/2007              | 1.000          |                |                |                |                |                |                |
| Best 3/5                | 1.000          | 1.000          | 1.000          | 1.000          | 1.000          | 1.000          | 1.000          |
| 171 to Ultimate Factor: |                |                | 1.000          |                |                |                |                |

|                           | Cumulative Incremental Factors |            |            |            |            |            |            |
|---------------------------|--------------------------------|------------|------------|------------|------------|------------|------------|
| <u>Months-to-Ultimate</u> | <u>15</u>                      | <u>27</u>  | <u>39</u>  | <u>51</u>  | <u>63</u>  | <u>75</u>  | <u>87</u>  |
|                           | 0.296                          | 0.225      | 0.139      | 0.066      | 0.036      | 0.014      | 0.006      |
| <u>Months-to-Ultimate</u> | <u>99</u>                      | <u>111</u> | <u>123</u> | <u>135</u> | <u>147</u> | <u>159</u> | <u>171</u> |
|                           | 0.004                          | 0.001      | 0.000      | 0.000      | 0.000      | 0.000      | 0.000      |

|            | Reported         | \$500,000        |               |             |                   |               |             |
|------------|------------------|------------------|---------------|-------------|-------------------|---------------|-------------|
| A.Y.E      | ALAE as of       | Ultimate         | ALAE          | Additional  | ALAE at           | 171-Ultimate  | Ultimate    |
|            | <u>3/31/2022</u> | <u>Indemnity</u> | <u>Factor</u> | <u>ALAE</u> | <u>171 Months</u> | <u>Factor</u> | <u>ALAE</u> |
| 12/31/2019 | 4,531,488        | 16,155,585       | 0.139         | 2,239,164   | 6,770,652         | 1.000         | 6,770,652   |
| 12/31/2020 | 1,620,141        | 13,468,522       | 0.225         | 3,030,417   | 4,650,558         | 1.000         | 4,650,558   |
| 12/31/2021 | 544,284          | 21,589,526       | 0.296         | 6,392,659   | 6,936,943         | 1.000         | 6,936,943   |

**Bold - Calculated Using Modified Bondy Method**



Local Products (Subline Code 336)  
Full Coverage  
Multistate  
Property Damage - Occurrence  
Incurred Accident Year Basic Limits Loss Development Excluding ALAE

| \$100,000 Basic Limit Losses as of : |                  |                  |                  |                  |                  |                  |                  |                  |                   |                   |                   |
|--------------------------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-------------------|-------------------|-------------------|
| <u>A.Y.E.</u>                        | <u>15 Months</u> | <u>27 Months</u> | <u>39 Months</u> | <u>51 Months</u> | <u>63 Months</u> | <u>75 Months</u> | <u>87 Months</u> | <u>99 Months</u> | <u>111 Months</u> | <u>123 Months</u> | <u>135 Months</u> |
| 12/31/2002                           | 1,446,136        | 1,688,798        | 1,804,098        | 1,876,740        | 1,826,804        | 1,811,835        | 1,870,583        | 1,893,522        | 1,944,141         | 1,954,263         | 2,022,148         |
| 12/31/2003                           | 1,273,484        | 1,793,728        | 2,085,060        | 2,099,071        | 2,300,716        | 2,303,308        | 2,335,117        | 2,340,787        | 2,350,559         | 2,392,060         | 2,400,915         |
| 12/31/2004                           | 2,110,886        | 2,220,610        | 2,284,673        | 2,202,581        | 2,260,142        | 2,236,708        | 2,188,398        | 2,219,815        | 2,240,122         | 2,243,372         | 2,251,572         |
| 12/31/2005                           | 2,932,617        | 3,098,817        | 3,297,366        | 3,357,200        | 3,431,164        | 3,299,514        | 3,315,974        | 3,361,920        | 3,368,079         | 3,359,300         | 3,358,078         |
| 12/31/2006                           | 2,998,233        | 3,336,653        | 3,383,841        | 3,536,646        | 3,555,034        | 3,717,609        | 3,754,967        | 3,905,524        | 3,952,397         | 4,018,323         | 4,033,323         |
| 12/31/2007                           | 2,932,099        | 2,833,087        | 3,113,104        | 3,386,106        | 3,693,325        | 3,612,639        | 3,727,875        | 3,705,474        | 3,697,736         | 3,690,945         | 3,699,657         |
| 12/31/2008                           | 3,624,967        | 3,781,781        | 3,697,460        | 3,858,321        | 4,039,899        | 4,284,437        | 4,540,393        | 4,820,131        | 5,062,273         | 5,118,965         | 5,086,463         |
| 12/31/2009                           | 3,595,981        | 3,761,598        | 3,784,520        | 3,816,649        | 3,797,121        | 4,016,598        | 4,008,378        | 4,089,000        | 4,156,500         | 4,176,591         | 4,210,352         |
| 12/31/2010                           | 4,433,215        | 4,636,580        | 4,907,541        | 4,947,598        | 4,551,238        | 4,798,456        | 4,807,420        | 4,742,380        | 4,761,399         | 4,692,257         | 4,701,945         |
| 12/31/2011                           | 4,199,859        | 4,418,970        | 4,664,274        | 4,595,316        | 4,703,126        | 4,790,693        | 4,747,794        | 4,824,511        | 4,833,929         | 4,843,448         | 4,918,314         |
| 12/31/2012                           | 3,959,132        | 3,987,182        | 3,878,023        | 3,780,850        | 3,968,214        | 3,945,446        | 4,027,061        | 4,067,816        | 4,017,313         | 4,017,686         |                   |
| 12/31/2013                           | 3,607,048        | 3,635,174        | 4,182,994        | 4,145,279        | 4,161,267        | 4,230,907        | 4,247,995        | 4,222,995        | 4,307,995         |                   |                   |
| 12/31/2014                           | 3,595,099        | 3,800,254        | 3,711,200        | 3,711,041        | 3,700,115        | 3,764,109        | 3,740,609        | 3,839,609        |                   |                   |                   |
| 12/31/2015                           | 4,871,188        | 5,023,392        | 5,757,014        | 5,762,131        | 5,814,033        | 5,930,591        | 5,949,434        |                  |                   |                   |                   |
| 12/31/2016                           | 4,541,253        | 4,522,740        | 4,872,554        | 5,009,655        | 4,961,873        | 4,914,072        |                  |                  |                   |                   |                   |
| 12/31/2017                           | 4,304,208        | 4,497,175        | 4,901,478        | 4,764,824        | 4,682,962        |                  |                  |                  |                   |                   |                   |
| 12/31/2018                           | 5,403,177        | 5,222,314        | 5,215,717        | 5,684,108        |                  |                  |                  |                  |                   |                   |                   |
| 12/31/2019                           | 5,474,711        | 5,573,042        | 6,066,754        |                  |                  |                  |                  |                  |                   |                   |                   |
| 12/31/2020                           | 6,403,122        | 6,453,876        |                  |                  |                  |                  |                  |                  |                   |                   |                   |
| 12/31/2021                           | 6,444,920        |                  |                  |                  |                  |                  |                  |                  |                   |                   |                   |

| <u>A.Y.E.</u> | <u>147 Months</u> | <u>159 Months</u> | <u>171 Months</u> | <u>183 Months</u> | <u>195 Months</u> | <u>207 Months</u> | <u>219 Months</u> | <u>231 Months</u> | <u>243 Months</u> |
|---------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| 12/31/2002    | 2,004,044         | 2,069,686         | 2,066,561         | 2,075,161         | 2,092,454         | 2,091,204         | 2,091,204         | 2,091,204         | 2,091,204         |
| 12/31/2003    | 2,439,249         | 2,421,535         | 2,407,785         | 2,430,280         | 2,430,280         | 2,430,280         | 2,430,280         | 2,430,280         |                   |
| 12/31/2004    | 2,216,572         | 2,223,572         | 2,336,064         | 2,321,064         | 2,321,064         | 2,246,064         | 2,246,064         |                   |                   |
| 12/31/2005    | 3,358,478         | 3,344,237         | 3,344,237         | 3,344,237         | 3,362,237         | 3,357,237         |                   |                   |                   |
| 12/31/2006    | 4,086,455         | 4,040,479         | 4,033,987         | 4,053,130         | 4,053,130         |                   |                   |                   |                   |
| 12/31/2007    | 3,697,492         | 3,709,992         | 3,709,990         | 3,700,240         |                   |                   |                   |                   |                   |
| 12/31/2008    | 5,134,790         | 5,039,404         | 5,039,959         |                   |                   |                   |                   |                   |                   |
| 12/31/2009    | 4,121,920         | 4,220,920         |                   |                   |                   |                   |                   |                   |                   |
| 12/31/2010    | 4,700,942         |                   |                   |                   |                   |                   |                   |                   |                   |

Local Products (Subline Code 336)  
 Full Coverage  
 Multistate  
 Property Damage - Occurrence  
 Incurred Accident Year Basic Limits Loss Development Excluding ALAE

| Link Ratios      |                |                |                |                |                |                |                |                |                |                |                |
|------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| A.Y.E.           | <u>27:15</u>   | <u>39:27</u>   | <u>51:39</u>   | <u>63:51</u>   | <u>75:63</u>   | <u>87:75</u>   | <u>99:87</u>   | <u>111:99</u>  | <u>123:111</u> | <u>135:123</u> | <u>147:135</u> |
| 12/31/2002       | 1.168          | 1.068          | 1.040          | 0.973          | 0.992          | 1.032          | 1.012          | 1.027          | 1.005          | 1.035          | 0.991          |
| 12/31/2003       | 1.409          | 1.162          | 1.007          | 1.096          | 1.001          | 1.014          | 1.002          | 1.004          | 1.018          | 1.004          | 1.016          |
| 12/31/2004       | 1.052          | 1.029          | 0.964          | 1.026          | 0.990          | 0.978          | 1.014          | 1.009          | 1.001          | 1.004          | 0.984          |
| 12/31/2005       | 1.057          | 1.064          | 1.018          | 1.022          | 0.962          | 1.005          | 1.014          | 1.002          | 0.997          | 1.000          | 1.000          |
| 12/31/2006       | 1.113          | 1.014          | 1.045          | 1.005          | 1.046          | 1.010          | 1.040          | 1.012          | 1.017          | 1.004          | 1.013          |
| 12/31/2007       | 0.966          | 1.099          | 1.088          | 1.091          | 0.978          | 1.032          | 0.994          | 0.998          | 0.998          | 1.002          | 0.999          |
| 12/31/2008       | 1.043          | 0.978          | 1.044          | 1.047          | 1.061          | 1.060          | 1.062          | 1.050          | 1.011          | 0.994          | 1.010          |
| 12/31/2009       | 1.046          | 1.006          | 1.008          | 0.995          | 1.058          | 0.998          | 1.020          | 1.017          | 1.005          | 1.008          | 0.979          |
| 12/31/2010       | 1.046          | 1.058          | 1.008          | 0.920          | 1.054          | 1.002          | 0.986          | 1.004          | 0.985          | 1.002          | 1.000          |
| 12/31/2011       | 1.052          | 1.056          | 0.985          | 1.023          | 1.019          | 0.991          | 1.016          | 1.002          | 1.002          | 1.015          |                |
| 12/31/2012       | 1.007          | 0.973          | 0.975          | 1.050          | 0.994          | 1.021          | 1.010          | 0.988          | 1.000          |                |                |
| 12/31/2013       | 1.008          | 1.151          | 0.991          | 1.004          | 1.017          | 1.004          | 0.994          | 1.020          |                |                |                |
| 12/31/2014       | 1.057          | 0.977          | 1.000          | 0.997          | 1.017          | 0.994          | 1.026          |                |                |                |                |
| 12/31/2015       | 1.031          | 1.146          | 1.001          | 1.009          | 1.020          | 1.003          |                |                |                |                |                |
| 12/31/2016       | 0.996          | 1.077          | 1.028          | 0.990          | 0.990          |                |                |                |                |                |                |
| 12/31/2017       | 1.045          | 1.090          | 0.972          | 0.983          |                |                |                |                |                |                |                |
| 12/31/2018       | 0.967          | 0.999          | 1.090          |                |                |                |                |                |                |                |                |
| 12/31/2019       | 1.018          | 1.089          |                |                |                |                |                |                |                |                |                |
| 12/31/2020       | 1.008          |                |                |                |                |                |                |                |                |                |                |
| 3 Yr Mean        | 0.998          | 1.059          | 1.030          | 0.994          | 1.009          | 1.000          | 1.010          | 1.003          | 0.996          | 1.008          | 0.996          |
| Best 3/5         | 1.007          | 1.085          | 1.010          | 0.997          | 1.009          | 1.000          | 1.007          | 1.008          | 1.002          | 1.004          | 1.003          |
|                  | <u>159:147</u> | <u>171:159</u> | <u>183:171</u> | <u>195:183</u> | <u>207:195</u> | <u>219:207</u> | <u>231:219</u> | <u>243:231</u> |                |                |                |
| 12/31/2002       | 1.033          | 0.998          | 1.004          | 1.008          | 0.999          | 1.000          | 1.000          | 1.000          |                |                |                |
| 12/31/2003       | 0.993          | 0.994          | 1.009          | 1.000          | 1.000          | 1.000          | 1.000          | <b>1.000</b>   |                |                |                |
| 12/31/2004       | 1.003          | 1.051          | 0.994          | 1.000          | 0.968          | 1.000          | <b>1.000</b>   | <b>1.000</b>   |                |                |                |
| 12/31/2005       | 0.996          | 1.000          | 1.000          | 1.005          | 0.999          | <b>0.999</b>   | <b>1.000</b>   | <b>1.000</b>   |                |                |                |
| 12/31/2006       | 0.989          | 0.998          | 1.005          | 1.000          | <b>1.002</b>   | <b>0.999</b>   | <b>1.000</b>   | <b>1.000</b>   |                |                |                |
| 12/31/2007       | 1.003          | 1.000          | 0.997          |                |                |                |                |                |                |                |                |
| 12/31/2008       | 0.981          | 1.000          |                |                |                |                |                |                |                |                |                |
| 12/31/2009       | 1.024          |                |                |                |                |                |                |                |                |                |                |
| 3 Yr Mean        | 1.003          | 0.999          | 1.001          | 1.002          | <i>0.989</i>   | <i>1.000</i>   | <i>1.000</i>   | <i>1.000</i>   |                |                |                |
| Best 3/5         | 0.996          | 1.000          | 1.001          | 1.002          | 0.999          | 1.000          | 1.000          | 1.000          |                |                |                |
| Development From |                |                |                |                |                |                |                |                |                |                |                |
| A.Y.E.           | <u>15/ 27</u>  | <u>27/ 39</u>  | <u>39/ 51</u>  | <u>51/ 63</u>  | <u>63/ 75</u>  | <u>75/ 87</u>  | <u>87/ 99</u>  | <u>99/111</u>  | <u>111/123</u> | <u>123/135</u> | <u>135/147</u> |
| 12/31/2017       |                |                |                |                | 1.009          | 1.000          | 1.007          | 1.008          | 1.002          | 1.004          | 1.003          |
| 12/31/2018       |                |                |                | 0.997          | 1.009          | 1.000          | 1.007          | 1.008          | 1.002          | 1.004          | 1.003          |
| 12/31/2019       |                |                | 1.010          | 0.997          | 1.009          | 1.000          | 1.007          | 1.008          | 1.002          | 1.004          | 1.003          |
| 12/31/2020       |                | 1.085          | 1.010          | 0.997          | 1.009          | 1.000          | 1.007          | 1.008          | 1.002          | 1.004          | 1.003          |
| 12/31/2021       | 1.007          | 1.085          | 1.010          | 0.997          | 1.009          | 1.000          | 1.007          | 1.008          | 1.002          | 1.004          | 1.003          |
| A.Y.E            | <u>147/159</u> | <u>159/171</u> | <u>171/183</u> | <u>183/195</u> | <u>195/207</u> | <u>207/219</u> | <u>219/231</u> | <u>231/243</u> | <u>243/Ult</u> | FACTORS        |                |
| 12/31/2017       | 0.996          | 1.000          | 1.001          | 1.002          | 0.999          | 1.000          | 1.000          | 1.000          | <b>1.000</b>   |                | 1.031          |
| 12/31/2018       | 0.996          | 1.000          | 1.001          | 1.002          | 0.999          | 1.000          | 1.000          | 1.000          | <b>1.000</b>   |                | 1.028          |
| 12/31/2019       | 0.996          | 1.000          | 1.001          | 1.002          | 0.999          | 1.000          | 1.000          | 1.000          | <b>1.000</b>   |                | 1.039          |
| 12/31/2020       | 0.996          | 1.000          | 1.001          | 1.002          | 0.999          | 1.000          | 1.000          | 1.000          | <b>1.000</b>   |                | 1.127          |
| 12/31/2021       | 0.996          | 1.000          | 1.001          | 1.002          | 0.999          | 1.000          | 1.000          | 1.000          | <b>1.000</b>   |                | 1.135          |

**Bold - Calculated Using Modified Bondy Method**

*Italics - Three year mean Excludes Modified Bondy ratios*

Local Products (Subline Code 336)  
Deductible  
Multistate  
Property Damage - Occurrence  
Incurred Accident Year Basic Limits Loss Development Excluding ALAE

| \$100,000 Basic Limit Losses as of : |                  |                  |                  |                  |                  |                  |                  |                  |                   |                   |                   |
|--------------------------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-------------------|-------------------|-------------------|
| A.Y.E.                               | <u>15 Months</u> | <u>27 Months</u> | <u>39 Months</u> | <u>51 Months</u> | <u>63 Months</u> | <u>75 Months</u> | <u>87 Months</u> | <u>99 Months</u> | <u>111 Months</u> | <u>123 Months</u> | <u>135 Months</u> |
| 12/31/2002                           | 96,798           | 103,314          | 131,370          | 153,722          | 200,722          | 270,722          | 270,722          | 270,722          | 270,722           | 270,722           | 270,722           |
| 12/31/2003                           | 237,198          | 183,214          | 157,571          | 171,572          | 178,571          | 155,573          | 170,450          | 196,951          | 187,857           | 223,008           | 211,501           |
| 12/31/2004                           | 246,668          | 129,314          | 132,294          | 179,776          | 245,076          | 305,375          | 295,344          | 391,079          | 422,580           | 387,579           | 387,579           |
| 12/31/2005                           | 162,608          | 228,326          | 212,716          | 267,850          | 270,050          | 310,851          | 314,208          | 323,814          | 354,504           | 774,045           | 898,913           |
| 12/31/2006                           | 274,664          | 229,162          | 294,191          | 287,481          | 304,475          | 340,486          | 340,484          | 332,531          | 345,548           | 423,863           | 405,576           |
| 12/31/2007                           | 229,278          | 432,042          | 462,242          | 403,376          | 372,809          | 356,809          | 360,309          | 457,309          | 457,309           | 457,309           | 457,309           |
| 12/31/2008                           | 280,367          | 198,832          | 328,978          | 327,495          | 329,495          | 326,485          | 426,485          | 426,485          | 419,986           | 439,986           | 509,986           |
| 12/31/2009                           | 177,301          | 176,935          | 144,535          | 143,435          | 142,195          | 249,008          | 250,198          | 350,198          | 350,198           | 350,198           | 350,198           |
| 12/31/2010                           | 259,931          | 261,600          | 261,100          | 265,196          | 359,196          | 359,196          | 359,196          | 359,196          | 359,196           | 359,196           | 359,196           |
| 12/31/2011                           | 311,610          | 338,031          | 311,530          | 325,530          | 303,619          | 313,619          | 330,619          | 312,619          | 322,619           | 312,869           | 312,869           |
| 12/31/2012                           | 258,936          | 249,325          | 256,490          | 264,387          | 250,747          | 275,747          | 280,761          | 283,796          | 283,796           | 308,796           |                   |
| 12/31/2013                           | 387,006          | 407,586          | 401,221          | 565,221          | 568,321          | 668,321          | 631,349          | 626,348          | 627,348           |                   |                   |
| 12/31/2014                           | 287,934          | 417,930          | 402,798          | 506,998          | 481,498          | 522,498          | 522,498          | 521,498          |                   |                   |                   |
| 12/31/2015                           | 641,684          | 582,364          | 570,740          | 592,639          | 593,351          | 629,710          | 614,710          |                  |                   |                   |                   |
| 12/31/2016                           | 1,045,801        | 1,133,110        | 1,187,348        | 1,242,108        | 1,360,108        | 1,273,412        |                  |                  |                   |                   |                   |
| 12/31/2017                           | 914,655          | 1,123,383        | 1,222,351        | 1,164,749        | 1,275,796        |                  |                  |                  |                   |                   |                   |
| 12/31/2018                           | 1,510,566        | 1,861,743        | 1,960,473        | 1,927,479        |                  |                  |                  |                  |                   |                   |                   |
| 12/31/2019                           | 1,311,936        | 1,508,612        | 1,463,891        |                  |                  |                  |                  |                  |                   |                   |                   |
| 12/31/2020                           | 1,150,766        | 1,253,639        |                  |                  |                  |                  |                  |                  |                   |                   |                   |
| 12/31/2021                           | 1,743,589        |                  |                  |                  |                  |                  |                  |                  |                   |                   |                   |

  

| A.Y.E.     | <u>147 Months</u> | <u>159 Months</u> | <u>171 Months</u> | <u>183 Months</u> | <u>195 Months</u> | <u>207 Months</u> | <u>219 Months</u> | <u>231 Months</u> | <u>243 Months</u> |
|------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| 12/31/2002 | 270,723           | 270,871           | 270,870           | 270,870           | 270,870           | 283,370           | 283,370           | 283,370           | 283,370           |
| 12/31/2003 | 252,001           | 243,000           | 240,250           | 240,250           | 233,449           | 233,449           | 220,949           | 220,949           |                   |
| 12/31/2004 | 403,580           | 403,579           | 403,579           | 403,579           | 403,579           | 403,579           | 403,579           |                   |                   |
| 12/31/2005 | 892,186           | 901,187           | 864,839           | 865,589           | 865,339           | 864,339           |                   |                   |                   |
| 12/31/2006 | 424,443           | 380,306           | 380,205           | 378,587           | 377,387           |                   |                   |                   |                   |
| 12/31/2007 | 457,309           | 457,309           | 457,309           | 457,309           |                   |                   |                   |                   |                   |
| 12/31/2008 | 509,986           | 509,986           | 509,986           |                   |                   |                   |                   |                   |                   |
| 12/31/2009 | 353,198           | 450,198           |                   |                   |                   |                   |                   |                   |                   |
| 12/31/2010 | 359,196           |                   |                   |                   |                   |                   |                   |                   |                   |

Local Products (Subline Code 336)  
Deductible  
Multistate  
Property Damage - Occurrence  
Incurred Accident Year Basic Limits Loss Development Excluding ALAE

| Link Ratios      |         |         |         |         |         |         |         |         |         |         |         |
|------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| A.Y.E.           | 27:15   | 39:27   | 51:39   | 63:51   | 75:63   | 87:75   | 99:87   | 111:99  | 123:111 | 135:123 | 147:135 |
| 12/31/2002       | 1.067   | 1.272   | 1.170   | 1.306   | 1.349   | 1.000   | 1.000   | 1.000   | 1.000   | 1.000   | 1.000   |
| 12/31/2003       | 0.772   | 0.860   | 1.089   | 1.041   | 0.871   | 1.096   | 1.155   | 0.954   | 1.187   | 0.948   | 1.191   |
| 12/31/2004       | 0.524   | 1.023   | 1.359   | 1.363   | 1.246   | 0.967   | 1.324   | 1.081   | 0.917   | 1.000   | 1.041   |
| 12/31/2005       | 1.404   | 0.932   | 1.259   | 1.008   | 1.151   | 1.011   | 1.031   | 1.095   | 2.183   | 1.161   | 0.993   |
| 12/31/2006       | 0.834   | 1.284   | 0.977   | 1.059   | 1.118   | 1.000   | 0.977   | 1.039   | 1.227   | 0.957   | 1.047   |
| 12/31/2007       | 1.884   | 1.070   | 0.873   | 0.924   | 0.957   | 1.010   | 1.269   | 1.000   | 1.000   | 1.000   | 1.000   |
| 12/31/2008       | 0.709   | 1.655   | 0.995   | 1.006   | 0.991   | 1.306   | 1.000   | 0.985   | 1.048   | 1.159   | 1.000   |
| 12/31/2009       | 0.998   | 0.817   | 0.992   | 0.991   | 1.751   | 1.005   | 1.400   | 1.000   | 1.000   | 1.000   | 1.009   |
| 12/31/2010       | 1.006   | 0.998   | 1.016   | 1.354   | 1.000   | 1.000   | 1.000   | 1.000   | 1.000   | 1.000   | 1.000   |
| 12/31/2011       | 1.085   | 0.922   | 1.045   | 0.933   | 1.033   | 1.054   | 0.946   | 1.032   | 0.970   | 1.000   |         |
| 12/31/2012       | 0.963   | 1.029   | 1.031   | 0.948   | 1.100   | 1.018   | 1.011   | 1.000   | 1.088   |         |         |
| 12/31/2013       | 1.053   | 0.984   | 1.409   | 1.005   | 1.176   | 0.945   | 0.992   | 1.002   |         |         |         |
| 12/31/2014       | 1.451   | 0.964   | 1.259   | 0.950   | 1.085   | 1.000   | 0.998   |         |         |         |         |
| 12/31/2015       | 0.908   | 0.980   | 1.038   | 1.001   | 1.061   | 0.976   |         |         |         |         |         |
| 12/31/2016       | 1.083   | 1.048   | 1.046   | 1.095   | 0.936   |         |         |         |         |         |         |
| 12/31/2017       | 1.228   | 1.088   | 0.953   | 1.095   |         |         |         |         |         |         |         |
| 12/31/2018       | 1.232   | 1.053   | 0.983   |         |         |         |         |         |         |         |         |
| 12/31/2019       | 1.150   | 0.970   |         |         |         |         |         |         |         |         |         |
| 12/31/2020       | 1.089   |         |         |         |         |         |         |         |         |         |         |
| 3 Yr Mean        | 1.157   | 1.037   | 0.994   | 1.064   | 1.027   | 0.974   | 1.000   | 1.011   | 1.019   | 1.000   | 1.003   |
| Best 3/5         | 1.156   | 1.027   | 1.022   | 1.034   | 1.082   | 0.998   | 0.997   | 1.001   | 1.016   | 1.000   | 1.003   |
|                  |         |         |         |         |         |         |         |         |         |         |         |
| A.Y.E.           | 159:147 | 171:159 | 183:171 | 195:183 | 207:195 | 219:207 | 231:219 | 243:231 |         |         |         |
| 12/31/2002       | 1.001   | 1.000   | 1.000   | 1.000   | 1.046   | 1.000   | 1.000   | 1.000   |         |         |         |
| 12/31/2003       | 0.964   | 0.989   | 1.000   | 0.972   | 1.000   | 0.946   | 1.000   | 1.000   |         |         |         |
| 12/31/2004       | 1.000   | 1.000   | 1.000   | 1.000   | 1.000   | 1.000   | 1.000   | 1.000   |         |         |         |
| 12/31/2005       | 1.010   | 0.960   | 1.001   | 1.000   | 0.999   | 1.000   | 1.000   | 1.000   |         |         |         |
| 12/31/2006       | 0.896   | 1.000   | 0.996   | 0.997   | 0.999   | 1.000   | 1.000   | 1.000   |         |         |         |
| 12/31/2007       | 1.000   | 1.000   | 1.000   |         |         |         |         |         |         |         |         |
| 12/31/2008       | 1.000   | 1.000   |         |         |         |         |         |         |         |         |         |
| 12/31/2009       | 1.275   |         |         |         |         |         |         |         |         |         |         |
| 3 Yr Mean        | 1.092   | 1.000   | 0.999   | 0.999   | 1.000   | 0.982   | 1.000   | 1.000   |         |         |         |
| Best 3/5         | 1.003   | 1.000   | 1.000   | 0.999   | 1.000   | 1.000   | 1.000   | 1.000   |         |         |         |
|                  |         |         |         |         |         |         |         |         |         |         |         |
| Development From |         |         |         |         |         |         |         |         |         |         |         |
| A.Y.E.           | 15/ 27  | 27/ 39  | 39/ 51  | 51/ 63  | 63/ 75  | 75/ 87  | 87/ 99  | 99/111  | 111/123 | 123/135 | 135/147 |
| 12/31/2017       |         |         |         |         | 1.082   | 0.998   | 0.997   | 1.001   | 1.016   | 1.000   | 1.003   |
| 12/31/2018       |         |         |         | 1.034   | 1.082   | 0.998   | 0.997   | 1.001   | 1.016   | 1.000   | 1.003   |
| 12/31/2019       |         |         | 1.022   | 1.034   | 1.082   | 0.998   | 0.997   | 1.001   | 1.016   | 1.000   | 1.003   |
| 12/31/2020       |         | 1.027   | 1.022   | 1.034   | 1.082   | 0.998   | 0.997   | 1.001   | 1.016   | 1.000   | 1.003   |
| 12/31/2021       | 1.156   | 1.027   | 1.022   | 1.034   | 1.082   | 0.998   | 0.997   | 1.001   | 1.016   | 1.000   | 1.003   |
|                  |         |         |         |         |         |         |         |         |         |         |         |
| A.Y.E            | 147/159 | 159/171 | 171/183 | 183/195 | 195/207 | 207/219 | 219/231 | 231/243 | 243/U1t | FACTORS |         |
| 12/31/2017       | 1.003   | 1.000   | 1.000   | 0.999   | 1.000   | 1.000   | 1.000   | 1.000   | 1.000   | 1.100   |         |
| 12/31/2018       | 1.003   | 1.000   | 1.000   | 0.999   | 1.000   | 1.000   | 1.000   | 1.000   | 1.000   | 1.138   |         |
| 12/31/2019       | 1.003   | 1.000   | 1.000   | 0.999   | 1.000   | 1.000   | 1.000   | 1.000   | 1.000   | 1.163   |         |
| 12/31/2020       | 1.003   | 1.000   | 1.000   | 0.999   | 1.000   | 1.000   | 1.000   | 1.000   | 1.000   | 1.194   |         |
| 12/31/2021       | 1.003   | 1.000   | 1.000   | 0.999   | 1.000   | 1.000   | 1.000   | 1.000   | 1.000   | 1.381   |         |

**Bold - Calculated Using Modified Bondy Method**

*Italics - Three year mean Excludes Modified Bondy ratios*

Local Products (Subline Code 336)  
 Full Coverage  
 Multistate  
 Property Damage - Occurrence  
 Incurred Accident Year ALAE Development

| Allocated Expenses as of: |                  |                  |                  |                  |                  |                  |                  |                  |                   |                   |                   |
|---------------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-------------------|-------------------|-------------------|
| A.Y.E.                    | <u>15 Months</u> | <u>27 Months</u> | <u>39 Months</u> | <u>51 Months</u> | <u>63 Months</u> | <u>75 Months</u> | <u>87 Months</u> | <u>99 Months</u> | <u>111 Months</u> | <u>123 Months</u> | <u>135 Months</u> |
| 12/31/2002                | 173,066          | 297,692          | 447,911          | 751,388          | 851,995          | 939,394          | 991,297          | 959,789          | 959,793           | 1,158,464         | 1,353,201         |
| 12/31/2003                | 57,554           | 662,655          | 978,058          | 1,087,536        | 1,218,975        | 1,243,477        | 1,247,335        | 1,337,436        | 1,372,735         | 1,463,909         | 1,541,668         |
| 12/31/2004                | 160,352          | 303,499          | 439,919          | 672,007          | 754,498          | 868,085          | 883,401          | 900,244          | 931,503           | 939,684           | 996,792           |
| 12/31/2005                | 257,637          | 352,296          | 623,792          | 754,251          | 814,869          | 911,399          | 977,204          | 1,100,912        | 1,095,427         | 1,094,737         | 1,099,046         |
| 12/31/2006                | 152,997          | 337,815          | 555,122          | 880,496          | 1,205,579        | 1,563,504        | 1,650,471        | 2,014,405        | 2,036,860         | 2,119,060         | 2,098,776         |
| 12/31/2007                | 397,841          | 885,814          | 1,142,658        | 1,611,856        | 1,973,377        | 2,440,438        | 2,611,306        | 3,009,925        | 3,204,197         | 3,436,453         | 3,211,129         |
| 12/31/2008                | 367,537          | 842,059          | 1,172,765        | 1,599,161        | 2,389,802        | 4,546,295        | 6,994,096        | 8,377,341        | 8,358,084         | 7,762,096         | 7,264,127         |
| 12/31/2009                | 619,070          | 955,569          | 1,189,262        | 1,223,197        | 1,359,074        | 1,423,682        | 1,734,911        | 1,903,689        | 1,999,526         | 1,999,238         | 2,030,517         |
| 12/31/2010                | 200,306          | 422,694          | 767,072          | 1,143,018        | 1,270,226        | 1,452,161        | 1,692,933        | 1,850,488        | 1,875,786         | 2,162,215         | 2,206,397         |
| 12/31/2011                | 377,969          | 714,767          | 1,051,446        | 1,436,589        | 1,745,908        | 1,765,064        | 1,792,656        | 1,912,797        | 2,023,679         | 2,055,465         | 2,077,344         |
| 12/31/2012                | 238,795          | 516,597          | 840,161          | 969,956          | 1,157,089        | 1,336,004        | 1,567,866        | 1,665,042        | 1,669,002         | 1,724,450         |                   |
| 12/31/2013                | 364,290          | 531,622          | 757,458          | 1,030,604        | 1,253,753        | 1,446,595        | 1,603,430        | 1,992,904        | 2,073,404         |                   |                   |
| 12/31/2014                | 263,180          | 503,494          | 775,818          | 850,143          | 1,003,299        | 1,018,244        | 1,016,453        | 1,017,729        |                   |                   |                   |
| 12/31/2015                | 417,563          | 881,479          | 1,241,628        | 1,537,343        | 1,710,557        | 1,838,491        | 1,952,448        |                  |                   |                   |                   |
| 12/31/2016                | 324,109          | 608,633          | 946,409          | 1,495,857        | 1,601,385        | 1,686,322        |                  |                  |                   |                   |                   |
| 12/31/2017                | 422,158          | 787,392          | 2,099,498        | 2,600,457        | 2,990,143        |                  |                  |                  |                   |                   |                   |
| 12/31/2018                | 513,213          | 907,450          | 2,285,101        | 4,978,108        |                  |                  |                  |                  |                   |                   |                   |
| 12/31/2019                | 384,043          | 673,997          | 921,298          |                  |                  |                  |                  |                  |                   |                   |                   |
| 12/31/2020                | 570,544          | 913,898          |                  |                  |                  |                  |                  |                  |                   |                   |                   |
| 12/31/2021                | 554,436          |                  |                  |                  |                  |                  |                  |                  |                   |                   |                   |

  

| A.Y.E.     | <u>147 Months</u> | <u>159 Months</u> | <u>171 Months</u> | <u>183 Months</u> | <u>195 Months</u> | <u>207 Months</u> | <u>219 Months</u> | <u>231 Months</u> | <u>243 Months</u> |
|------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| 12/31/2002 | 1,445,092         | 1,717,714         | 1,876,556         | 1,907,543         | 1,907,268         | 1,907,268         | 1,919,768         | 1,919,768         | 1,919,768         |
| 12/31/2003 | 1,567,022         | 1,621,215         | 1,644,497         | 1,688,438         | 1,688,438         | 1,671,810         | 1,671,810         | 1,641,414         |                   |
| 12/31/2004 | 991,519           | 996,234           | 1,025,962         | 1,025,962         | 1,040,962         | 1,025,962         | 1,025,962         |                   |                   |
| 12/31/2005 | 1,276,047         | 1,151,879         | 1,163,471         | 1,163,471         | 1,183,317         | 1,331,559         |                   |                   |                   |
| 12/31/2006 | 2,188,621         | 2,227,287         | 2,227,287         | 2,233,963         | 2,233,963         |                   |                   |                   |                   |
| 12/31/2007 | 3,211,973         | 3,052,650         | 3,149,629         | 3,138,202         |                   |                   |                   |                   |                   |
| 12/31/2008 | 6,630,694         | 6,156,985         | 6,100,398         |                   |                   |                   |                   |                   |                   |
| 12/31/2009 | 2,015,054         | 3,106,304         |                   |                   |                   |                   |                   |                   |                   |
| 12/31/2010 | 2,064,284         |                   |                   |                   |                   |                   |                   |                   |                   |

Local Products (Subline Code 336)  
Full Coverage  
Multistate  
Property Damage - Occurrence  
Incurred Accident Year Incremental ALAE Development

|            | Increments |           |           |         |           |           |           |         |          |          |          |           |         |
|------------|------------|-----------|-----------|---------|-----------|-----------|-----------|---------|----------|----------|----------|-----------|---------|
| A.Y.E.     | 27:15      | 39:27     | 51:39     | 63:51   | 75:63     | 87:75     | 99:87     | 111:99  | 123:111  | 135:123  | 147:135  | 159:147   | 171:159 |
| 12/31/2002 | 124,626    | 150,219   | 303,477   | 100,607 | 87,399    | 51,903    | -31,508   | 4       | 198,671  | 194,737  | 91,891   | 272,622   | 158,842 |
| 12/31/2003 | 605,101    | 315,403   | 109,478   | 131,439 | 24,502    | 3,858     | 90,101    | 35,299  | 91,174   | 77,759   | 25,354   | 54,193    | 23,282  |
| 12/31/2004 | 143,147    | 136,420   | 232,088   | 82,491  | 113,587   | 15,316    | 16,843    | 31,259  | 8,181    | 57,108   | -5,273   | 4,715     | 29,728  |
| 12/31/2005 | 94,659     | 271,496   | 130,459   | 60,618  | 96,530    | 65,805    | 123,708   | -5,485  | -690     | 4,309    | 177,001  | -124,168  | 11,592  |
| 12/31/2006 | 184,818    | 217,307   | 325,374   | 325,083 | 357,925   | 86,967    | 363,934   | 22,455  | 82,200   | -20,284  | 89,845   | 38,666    | 0       |
| 12/31/2007 | 487,973    | 256,844   | 469,198   | 361,521 | 467,061   | 170,868   | 398,619   | 194,272 | 232,256  | -225,324 | 844      | -159,323  | 96,979  |
| 12/31/2008 | 474,522    | 330,706   | 426,396   | 790,641 | 2,156,493 | 2,447,801 | 1,383,245 | -19,257 | -595,988 | -497,969 | -633,433 | -473,709  | -56,587 |
| 12/31/2009 | 336,499    | 233,693   | 33,935    | 135,877 | 64,608    | 311,229   | 168,778   | 95,837  | -288     | 31,279   | -15,463  | 1,091,250 |         |
| 12/31/2010 | 222,388    | 344,378   | 375,946   | 127,208 | 181,935   | 240,772   | 157,555   | 25,298  | 286,429  | 44,182   | -142,113 |           |         |
| 12/31/2011 | 336,798    | 336,679   | 385,143   | 309,319 | 19,156    | 27,592    | 120,141   | 110,882 | 31,786   | 21,879   |          |           |         |
| 12/31/2012 | 277,802    | 323,564   | 129,795   | 187,133 | 178,915   | 231,862   | 97,176    | 3,960   | 55,448   |          |          |           |         |
| 12/31/2013 | 167,332    | 225,836   | 273,146   | 223,149 | 192,842   | 156,835   | 389,474   | 80,500  |          |          |          |           |         |
| 12/31/2014 | 240,314    | 272,324   | 74,325    | 153,156 | 14,945    | -1,791    | 1,276     |         |          |          |          |           |         |
| 12/31/2015 | 463,916    | 360,149   | 295,715   | 173,214 | 127,934   | 113,957   |           |         |          |          |          |           |         |
| 12/31/2016 | 284,524    | 337,776   | 549,448   | 105,528 | 84,937    |           |           |         |          |          |          |           |         |
| 12/31/2017 | 365,234    | 1,312,106 | 500,959   | 389,686 |           |           |           |         |          |          |          |           |         |
| 12/31/2018 | 394,237    | 1,377,651 | 2,693,007 |         |           |           |           |         |          |          |          |           |         |
| 12/31/2019 | 289,954    | 247,301   |           |         |           |           |           |         |          |          |          |           |         |
| 12/31/2020 | 343,354    |           |           |         |           |           |           |         |          |          |          |           |         |

|            | Incremental Percentages |        |        |        |        |         |         |         |         |         |         |         |         |
|------------|-------------------------|--------|--------|--------|--------|---------|---------|---------|---------|---------|---------|---------|---------|
| A.Y.E.     | 27:15                   | 39:27  | 51:39  | 63:51  | 75:63  | 87:75   | 99:87   | 111:99  | 123:111 | 135:123 | 147:135 | 159:147 | 171:159 |
| 12/31/2002 | 0.0585                  | 0.0705 | 0.1424 | 0.0472 | 0.0410 | 0.0244  | -0.0148 | 0.0000  | 0.0932  | 0.0914  | 0.0431  | 0.1279  | 0.0745  |
| 12/31/2003 | 0.2349                  | 0.1224 | 0.0425 | 0.0510 | 0.0095 | 0.0015  | 0.0350  | 0.0137  | 0.0354  | 0.0302  | 0.0098  | 0.0210  | 0.0090  |
| 12/31/2004 | 0.0591                  | 0.0563 | 0.0959 | 0.0341 | 0.0469 | 0.0063  | 0.0070  | 0.0129  | 0.0034  | 0.0236  | -0.0022 | 0.0019  | 0.0123  |
| 12/31/2005 | 0.0274                  | 0.0786 | 0.0378 | 0.0176 | 0.0280 | 0.0191  | 0.0358  | -0.0016 | -0.0002 | 0.0012  | 0.0513  | -0.0360 | 0.0034  |
| 12/31/2006 | 0.0390                  | 0.0458 | 0.0686 | 0.0686 | 0.0755 | 0.0183  | 0.0768  | 0.0047  | 0.0173  | -0.0043 | 0.0190  | 0.0082  | 0.0000  |
| 12/31/2007 | 0.0955                  | 0.0502 | 0.0918 | 0.0707 | 0.0914 | 0.0334  | 0.0780  | 0.0380  | 0.0454  | -0.0441 | 0.0002  | -0.0312 | 0.0190  |
| 12/31/2008 | 0.0872                  | 0.0608 | 0.0784 | 0.1453 | 0.3964 | 0.4500  | 0.2543  | -0.0035 | -0.1096 | -0.0915 | -0.1164 | -0.0871 | -0.0104 |
| 12/31/2009 | 0.0762                  | 0.0529 | 0.0077 | 0.0308 | 0.0146 | 0.0705  | 0.0382  | 0.0217  | -0.0001 | 0.0071  | -0.0035 | 0.2470  |         |
| 12/31/2010 | 0.0443                  | 0.0687 | 0.0749 | 0.0254 | 0.0363 | 0.0480  | 0.0314  | 0.0050  | 0.0571  | 0.0088  | -0.0283 |         |         |
| 12/31/2011 | 0.0634                  | 0.0634 | 0.0725 | 0.0582 | 0.0036 | 0.0052  | 0.0226  | 0.0209  | 0.0060  | 0.0041  |         |         |         |
| 12/31/2012 | 0.0623                  | 0.0726 | 0.0291 | 0.0420 | 0.0401 | 0.0520  | 0.0218  | 0.0009  | 0.0124  |         |         |         |         |
| 12/31/2013 | 0.0348                  | 0.0469 | 0.0568 | 0.0464 | 0.0401 | 0.0326  | 0.0810  | 0.0167  |         |         |         |         |         |
| 12/31/2014 | 0.0491                  | 0.0557 | 0.0152 | 0.0313 | 0.0031 | -0.0004 | 0.0003  |         |         |         |         |         |         |
| 12/31/2015 | 0.0614                  | 0.0477 | 0.0392 | 0.0229 | 0.0169 | 0.0151  |         |         |         |         |         |         |         |
| 12/31/2016 | 0.0520                  | 0.0617 | 0.1004 | 0.0193 | 0.0155 |         |         |         |         |         |         |         |         |
| 12/31/2017 | 0.0598                  | 0.2147 | 0.0820 | 0.0638 |        |         |         |         |         |         |         |         |         |
| 12/31/2018 | 0.0596                  | 0.2082 | 0.4070 |        |        |         |         |         |         |         |         |         |         |
| 12/31/2019 | 0.0418                  | 0.0356 |        |        |        |         |         |         |         |         |         |         |         |
| 12/31/2020 | 0.0429                  |        |        |        |        |         |         |         |         |         |         |         |         |

|          |        |        |        |        |        |        |        |        |        |         |         |         |        |
|----------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|---------|---------|--------|
| Best 3/5 | 0.0515 | 0.1059 | 0.0739 | 0.0335 | 0.0242 | 0.0176 | 0.0253 | 0.0142 | 0.0061 | -0.0110 | -0.0105 | -0.0197 | 0.0052 |
|----------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|---------|---------|--------|

Local Products (Subline Code 336)  
 Full Coverage  
 Multistate  
 Property Damage - Occurrence  
 Incurred Accident Year Incremental ALAE Development

| Link Ratios                    |                |                |                |                |                |                |                |
|--------------------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| A.Y.E                          | <u>183:171</u> | <u>195:183</u> | <u>207:195</u> | <u>219:207</u> | <u>231:219</u> | <u>243:231</u> | <u>Ult:243</u> |
| 12/31/2002                     | 1.017          | 1.000          | 1.000          | 1.007          | 1.000          | 1.000          | <b>1.000</b>   |
| 12/31/2003                     | 1.027          | 1.000          | 0.990          | 1.000          | 0.982          | <b>1.000</b>   | <b>1.000</b>   |
| 12/31/2004                     | 1.000          | 1.015          | 0.986          | 1.000          | <b>1.000</b>   | <b>1.000</b>   | <b>1.000</b>   |
| 12/31/2005                     | 1.000          | 1.017          | 1.125          | <b>0.998</b>   | <b>1.000</b>   | <b>1.000</b>   | <b>1.000</b>   |
| 12/31/2006                     | 1.003          | 1.000          | <b>1.005</b>   | <b>0.998</b>   | <b>1.000</b>   | <b>1.000</b>   | <b>1.000</b>   |
| 12/31/2007                     | 0.996          |                |                |                |                |                |                |
| Best 3/5                       | 1.001          | 1.005          | 0.998          | 0.999          | 1.000          | 1.000          | 1.000          |
| 171 to Ultimate Factor:        |                |                | 1.003          |                |                |                |                |
| Cumulative Incremental Factors |                |                |                |                |                |                |                |
| <u>Months-to-Ultimate</u>      | <u>15</u>      | <u>27</u>      | <u>39</u>      | <u>51</u>      | <u>63</u>      | <u>75</u>      | <u>87</u>      |
|                                | 0.316          | 0.265          | 0.159          | 0.085          | 0.051          | 0.027          | 0.010          |
| <u>Months-to-Ultimate</u>      | <u>99</u>      | <u>111</u>     | <u>123</u>     | <u>135</u>     | <u>147</u>     | <u>159</u>     | <u>171</u>     |
|                                | -0.016         | -0.030         | -0.036         | -0.025         | -0.015         | 0.005          | 0.000          |

| Reported   |                  | \$500,000        |               |             |                   |               |             |
|------------|------------------|------------------|---------------|-------------|-------------------|---------------|-------------|
| A.Y.E      | ALAE as of       | Ultimate         | ALAE          | Additional  | ALAE at           | 171-Ultimate  | Ultimate    |
|            | <u>3/31/2022</u> | <u>Indemnity</u> | <u>Factor</u> | <u>ALAE</u> | <u>171 Months</u> | <u>Factor</u> | <u>ALAE</u> |
| 12/31/2019 | 1,041,252        | 8,187,713        | 0.159         | 1,300,209   | 2,341,461         | 1.003         | 2,348,485   |
| 12/31/2020 | 978,917          | 9,045,221        | 0.265         | 2,394,270   | 3,373,187         | 1.003         | 3,383,307   |
| 12/31/2021 | 691,130          | 8,871,447        | 0.316         | 2,805,152   | 3,496,282         | 1.003         | 3,506,770   |

**Bold - Calculated Using Modified Bondy Method**

Multistate Review of ULAE Experience  
General Liability Including CMP Liability  
Loss Adjustment Expense Special Call  
Calendar Years 2017 - 2021

| <u>Item *</u>  | <u>2017</u>                 | <u>2018</u>  | <u>2019</u>  | <u>2020</u>  | <u>2021</u>  | <u>2017 - 2021<br/>Mean</u> |
|--|-----------------------------|--------------|--------------|--------------|--------------|-----------------------------|
| 1. Direct Losses Incurred                                  | \$22,437,023                | \$26,433,273 | \$28,408,503 | \$31,348,554 | \$33,436,324 |                             |
| 2. Allocated Loss Adjustment<br>Expenses Incurred (ALAE)   | \$5,821,971                 | \$5,763,209  | \$5,748,713  | \$6,894,736  | \$6,089,871  |                             |
| 3. Unallocated Loss Adjustment<br>Expenses Incurred (ULAE) | \$2,275,795                 | \$2,265,882  | \$2,762,736  | \$2,488,525  | \$2,974,027  |                             |
| 4. Incurred Losses + ALAE<br>[(1) + (2)]                   | \$28,258,994                | \$32,196,482 | \$34,157,216 | \$38,243,290 | \$39,526,195 |                             |
|  | <u>Incurring Percentage</u> |              |              |              |              |                             |
| 5. Ratio of ULAE to<br>(Losses + ALAE)<br>[(3)/(4)]        | 8.1%                        | 7.0%         | 8.1%         | 6.5%         | 7.5%         | 7.4%                        |
| 6. Selected  | 7.5%                        |              |              |              |              |                             |

Notes: All dollar amounts are displayed in thousands.

\* Items (1) - (4) are from the special call submissions for available writers.



## LOCAL PRODUCTS / COMPLETED OPERATIONS TREND SUMMARY

| (1) <u>EXPOSURE TREND</u>              | <u>LOCAL PRODUCTS</u> | <u>COMPLETED<br/>OPERATIONS</u> | <u>LOCAL PRODUCTS /<br/>COMPLETED OPERATIONS<br/>COMBINED</u> |
|--|-----------------------|---------------------------------|---|
| Average Annual Percent Change          |                       |                                 |   |
| a) 7/1/2019 to 7/1/2024 AYE 12/31/2019 | + 4.2%                | + 3.9%                          | + 3.9%  |
| b) 7/1/2020 to 7/1/2024 AYE 12/31/2020 | + 5.5%                | + 4.2%                          | + 4.3%  |
| c) 7/1/2021 to 7/1/2024 AYE 12/31/2021 | + 5.3%                | + 4.2%                          | + 4.3%  |
| (2) <u>OCCURRENCE SEVERITY</u>         | <u>BODILY INJURY</u>  | <u>PROPERTY DAMAGE</u>          |   |
| a) Fitted                              |                       |                                 |   |
| All Years                              | + 10.8%               | + 3.2%                          |   |
| Eight Years                            | + 13.3%               | + 2.4%                          |   |
| Six Years                              | + 14.5%               | + 2.3%                          |   |
| b) Selected                            | + 7.5%                | + 4.0%                          |   |
| (3) <u>FREQUENCY TREND</u>             |                       |                                 |   |
| Selected                               | 0.0%                  |                                 |   |

NOTE: The BI deductible trend is equal to the bodily injury trend. The PD deductible trend is equal to the property damage trend.

LOCAL PRODUCTS / COMPLETED OPERATIONS  
AVERAGE ANNUAL EXPOSURE TRENDS  
FOR ACCIDENT YEARS ENDING 12/31/2019, 12/31/2020 & 12/31/2021

| (1)<br>YEAR<br>ENDING<br>QUARTER * |                 | (2)<br>LOCAL PRODUCTS<br>CLASS GROUP<br>SALES EXPOSURE<br>INDICES | (3)<br>COMPLETED OPERATIONS<br>CLASS GROUP<br>PAYROLL EXPOSURE<br>INDICES | (1)<br>YEAR<br>ENDING<br>QUARTER *       |    | (2)<br>LOCAL PRODUCTS<br>CLASS GROUP<br>SALES EXPOSURE<br>INDICES | (3)<br>COMPLETED OPERATIONS<br>CLASS GROUP<br>PAYROLL EXPOSURE<br>INDICES |
|------------------------------------|-----------------|---|---|--|----|---|---|
| 2011                               | 1               | 0.969   | 23.312  | 2018                                     | 1  | 1.042   | 26.945  |
|                                    | 2               | 0.974   | 23.427  |  | 2  | 1.046   | 27.194  |
|                                    | 3               | 0.979   | 23.556  |  | 3  | 1.050   | 27.433  |
|                                    | 4               | 0.982   | 23.638  |  | 4  | 1.054   | 27.719  |
| 2012                               | 1               | 0.987   | 23.715  | 2019                                     | 1  | 1.058   | 27.943  |
|                                    | 2               | 0.990   | 23.794  |  | 2  | 1.061   | 28.173  |
|                                    | 3               | 0.995   | 23.873  |  | 3  | 1.063   | 28.348  |
|                                    | 4               | 1.000   | 23.965  |  | 4  | 1.065   | 28.500  |
| 2013                               | 1               | 1.004   | 24.062  | 2020                                     | 1  | 1.066   | 28.710  |
|                                    | 2               | 1.007   | 24.140  |  | 2  | 1.060   | 28.831  |
|                                    | 3               | 1.008   | 24.167  |  | 3  | 1.059   | 29.016  |
|                                    | 4               | 1.010   | 24.208  |  | 4  | 1.059   | 29.196  |
| 2014                               | 1               | 1.012   | 24.299  | 2021                                     | 1  | 1.063   | 29.373  |
|                                    | 2               | 1.016   | 24.405  |  | 2  | 1.079   | 29.708  |
|                                    | 3               | 1.019   | 24.538  |  | 3  | 1.098   | 30.063  |
|                                    | 4               | 1.022   | 24.663  |  | 4  | 1.122   | 30.463  |
| 2015                               | 1               | 1.023   | 24.759  | 2022                                     | 1  | 1.154   | 30.913  |
|                                    | 2               | 1.026   | 24.909  |  | 2  | 1.190   | 31.358  |
|                                    | 3               | 1.027   | 25.013  |  | 3P | 1.223   | 31.807  |
|                                    | 4               | 1.029   | 25.172  |  | 4P | 1.249   | 32.236  |
| 2016                               | 1               | 1.030   | 25.313  | 2023                                     | 1P | 1.267   | 32.601  |
|                                    | 2               | 1.030   | 25.480  |  | 2P | 1.276   | 32.910  |
|                                    | 3               | 1.029   | 25.731  |  | 3P | 1.283   | 33.171  |
|                                    | 4               | 1.030   | 25.938  |  | 4P | 1.289   | 33.422  |
| 2017                               | 1               | 1.032   | 26.160  | 2024                                     | 1P | 1.295   | 33.675  |
|                                    | 2               | 1.034   | 26.322  |  | 2P | 1.300   | 33.931  |
|                                    | 3               | 1.037   | 26.517  |  | 3P | 1.305   | 34.189  |
|                                    | 4               | 1.040   | 26.704  |  | 4P | 1.310   | 34.450  |
| CHANGE IN EXPOSURES                |                 |   |   | LOCAL PRODUCTS      COMPLETED OPERATIONS |    |   |   |
| 7/1/2019 to 7/1/2024               | (2024:4/2019:4) | 1.230   | 1.209   |  |    |   |   |
| 7/1/2020 to 7/1/2024               | (2024:4/2020:4) | 1.238   | 1.180   |  |    |   |   |
| 7/1/2021 to 7/1/2024               | (2024:4/2021:4) | 1.168   | 1.131   |  |    |   |   |
| AVERAGE ANNUAL TREND FACTOR        |                 |   |   |  |    |   |   |
| 7/1/2019 to 7/1/2024               | (5.0 YEARS)     | 1.042   | 1.039   |  |    |   |   |
| 7/1/2020 to 7/1/2024               | (4.0 YEARS)     | 1.055   | 1.042   |  |    |   |   |
| 7/1/2021 to 7/1/2024               | (3.0 YEARS)     | 1.053   | 1.042   |  |    |   |   |

\* Projected values are identified by a 'P' in column (1).

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OCCURRENCE SEVERITY TREND  
MULTISTATE  
LOCAL PRODUCTS/COMPLETED OPERATIONS  
Calculation of Annual Trend Factor  
Based on Average Occurrence Severity  
Full Coverage Occurrence Data  
Monoline and Multiline Combined  
Bodily Injury

| (1)<br>Accident<br>Year<br>Ending     | (2)<br>Basic Limit<br>Paid<br>Losses * | (3)<br>Paid<br>Occurrences | (4)<br>(2)/(3)<br>Actual<br>Severity | (5)<br>Exponential<br>Curve of<br>Best Fit to Col (4) |               |               |
|---------------------------------------|--|----------------------------|--------------------------------------|---|---------------|---------------|
|                                       |  |                            |                                      | <u>10 Year</u>  | <u>8 Year</u> | <u>6 Year</u> |
| 12/31/2012                            | \$36,167,642                           | 1,412                      | \$25,607                             | \$22,227  |               |               |
| 12/31/2013                            | \$38,513,693                           | 1,508                      | \$25,540                             | \$24,617  |               |               |
| 12/31/2014                            | \$32,738,218                           | 1,309                      | \$25,019                             | \$27,265  | \$24,646      |               |
| 12/31/2015                            | \$32,629,090                           | 1,131                      | \$28,847                             | \$30,198  | \$27,918      |               |
| 12/31/2016                            | \$32,915,432                           | 981                        | \$33,538                             | \$33,445  | \$31,623      | \$30,567      |
| 12/31/2017                            | \$34,476,087                           | 962                        | \$35,832                             | \$37,043  | \$35,821      | \$34,986      |
| 12/31/2018                            | \$35,809,025                           | 919                        | \$38,965                             | \$41,027  | \$40,576      | \$40,045      |
| 12/31/2019                            | \$39,073,835                           | 1,035                      | \$37,764                             | \$45,439  | \$45,962      | \$45,835      |
| 12/31/2020                            | \$35,841,422                           | 747                        | \$47,951                             | \$50,327  | \$52,062      | \$52,463      |
| 12/31/2021                            | \$50,480,567                           | 692                        | \$72,927                             | \$55,740  | \$58,973      | \$60,048      |
| Goodness of Fit Statistic, R-Squared: |  |                            |                                      | 0.797   | 0.817         | 0.760         |
| Average Annual Severity Trend (10 yr) |  |                            |                                      | + 10.8%   |               |               |
| Average Annual Severity Trend ( 8 yr) |  |                            |                                      | + 13.3%   |               |               |
| Average Annual Severity Trend ( 6 yr) |  |                            |                                      | + 14.5%   |               |               |
| Selected Annual Severity Trend        |  |                            |                                      | + 7.5%  |               |               |

\* Including basic indemnity and allocated loss adjustment expense developed separately to an ultimate settlement basis.

NOTE: Trends are based on reported paid full coverage data developed to ultimate using paid development factors (See Explanatory Pages C-11 to C-12 - Explanation of Trend Calculation).

OCCURRENCE SEVERITY TREND  
MULTISTATE  
LOCAL PRODUCTS/COMPLETED OPERATIONS  
Calculation of Annual Trend Factor  
Based on Average Occurrence Severity  
Full Coverage Occurrence Data  
Monoline and Multiline Combined  
Property Damage

| (1)<br>Accident<br>Year<br>Ending     | (2)<br>Basic Limit<br>Paid<br>Losses * | (3)<br>Paid<br>Occurrences | (4)<br>(2)/(3)<br>Actual<br>Severity | (5)<br>Exponential<br>Curve of<br>Best Fit to Col (4) |          |          |
|---------------------------------------|--|----------------------------|--------------------------------------|---|----------|----------|
|                                       |  |                            |                                      | 10 Year   | 8 Year   | 6 Year   |
|                                       |  |                            |                                      |   |          |          |
| 12/31/2012                            | \$127,679,325                          | 4,674                      | \$27,315                             | \$28,945  |          |          |
| 12/31/2013                            | \$118,433,197                          | 3,998                      | \$29,626                             | \$29,885  |          |          |
| 12/31/2014                            | \$114,039,816                          | 3,662                      | \$31,142                             | \$30,855  | \$32,055 |          |
| 12/31/2015                            | \$122,344,336                          | 3,605                      | \$33,940                             | \$31,856  | \$32,815 |          |
| 12/31/2016                            | \$125,776,252                          | 3,798                      | \$33,119                             | \$32,890  | \$33,592 | \$33,623 |
| 12/31/2017                            | \$124,853,149                          | 3,594                      | \$34,742                             | \$33,958  | \$34,388 | \$34,396 |
| 12/31/2018                            | \$147,202,811                          | 3,946                      | \$37,307                             | \$35,060  | \$35,203 | \$35,187 |
| 12/31/2019                            | \$146,826,146                          | 4,340                      | \$33,830                             | \$36,198  | \$36,037 | \$35,996 |
| 12/31/2020                            | \$144,779,033                          | 3,995                      | \$36,244                             | \$37,373  | \$36,891 | \$36,824 |
| 12/31/2021                            | \$154,044,249                          | 3,990                      | \$38,606                             | \$38,586  | \$37,766 | \$37,670 |
| Goodness of Fit Statistic, R-Squared: |  |                            |                                      | 0.819   | 0.684    | 0.519    |
| Average Annual Severity Trend (10 yr) |  |                            |                                      | + 3.2%  |          |          |
| Average Annual Severity Trend ( 8 yr) |  |                            |                                      | + 2.4%  |          |          |
| Average Annual Severity Trend ( 6 yr) |  |                            |                                      | + 2.3%  |          |          |
| Selected Annual Severity Trend        |  |                            |                                      | + 4.0%  |          |          |

\* Including basic indemnity and allocated loss adjustment expense developed separately to an ultimate settlement basis.

NOTE: Trends are based on reported paid full coverage data developed to ultimate using paid development factors (See Explanatory Pages C-11 to C-12 - Explanation of Trend Calculation).

## LOCAL PRODUCTS/COMPLETED OPERATIONS

FREQUENCY TREND  
MULTISTATEManual Classes (Full and Deductible Coverage)  
Monoline and Multiline Combined  
CGL Policies OnlyBodily Injury and Property Damage Combined

| (1)<br>Accident<br>Year<br>Ending | (2)<br>Aggregate<br>Loss Costs at<br>Current Level | (3)<br>Occurrences<br>at Ultimate <sup>1</sup> | (4)<br>Occurrence<br>Frequency<br><u>(3) / (2)<sup>2</sup></u> |
|-----------------------------------|--|--|--|
| 12/31/2008                        | \$ 376,764,697                                     | 8,900  | 23.62  |
| 12/31/2009                        | \$ 360,456,926                                     | 8,926  | 24.76  |
| 12/31/2010                        | \$ 346,686,371                                     | 9,528  | 27.48  |
| 12/31/2011                        | \$ 344,886,355                                     | 8,889  | 25.78  |
| 12/31/2012                        | \$ 347,540,917                                     | 8,262  | 23.77  |
| 12/31/2013                        | \$ 360,528,888                                     | 7,988  | 22.16  |
| 12/31/2014                        | \$ 372,071,467                                     | 7,355  | 19.77  |
| 12/31/2015                        | \$ 387,331,833                                     | 7,112  | 18.36  |
| 12/31/2016                        | \$ 372,467,763                                     | 7,381  | 19.82  |
| 12/31/2017                        | \$ 385,320,672                                     | 6,895  | 17.89  |
| 12/31/2018                        | \$ 420,210,778                                     | 7,685  | 18.29  |
| 12/31/2019                        | \$ 422,294,836                                     | 7,961  | 18.85  |
| 12/31/2020                        | \$ 411,962,951                                     | 7,117  | 17.28  |
| 12/31/2021                        | \$ 401,060,536                                     | 7,047  | 17.57  |

Selected Annual Frequency Trend: 0.0%

<sup>1</sup> Occurrences are based on reported paid amounts developed to ultimate using paid development factors.<sup>2</sup> Frequency is per \$1,000,000 Aggregate Loss Costs at Current Level.

## LOCAL PRODUCTS/COMPLETED OPERATIONS (SUBLINE CODE 336)

## CLASS GROUPS AND DIFFERENTIALS

\*Base Class

|                       |        |                       |        |                       |       |       |        |
|-----------------------|--------|-----------------------|--------|-----------------------|-------|-------|--------|
| <u>CLASS GROUP 01</u> |        | 45900                 | 0.43   | 15538                 | 0.29  | 98308 | 0.050  |
|                       |        | 49617                 | 1.36   | 15600                 | 1.68  | 98309 | 0.11   |
| 10100                 | 0.52   | 57001                 | 0.22   | 15608                 | 0.18  | 98344 | 0.04   |
| 10145                 | 0.11   |                       |        | 15839                 | 0.48  | 98449 | 1.28   |
| 10146                 | 0.16   | <u>CLASS GROUP 02</u> |        | 15991                 | 1.31  | 98805 | 0.069  |
| 10352                 | 0.53   | 10026                 | 0.37   | 15993                 | 0.82  | 98813 | 0.100  |
| 11039                 | 0.63   | 10042                 | 6.25   | 16403                 | 2.84  | 98967 | 0.51   |
| 11258                 | 1.79   | 10060                 | 1.13   | 16676                 | 0.26  | 99003 | 0.06   |
| 11259                 | 1.79   | 10065                 | 1.02   | 18078                 | 2.59  | 99826 | 0.035  |
| 11288                 | 0.71   | 10066                 | 1.28   | 18109                 | 0.54  | 99827 | 0.031  |
| 12374                 | 0.59   | 10071                 | 1.92   | 18110                 | 0.58  | 99948 | 1.00 * |
| 12375                 | 0.41   | 10073                 | 8.77   | 18206                 | 1.98  | 99952 | 0.79   |
| 13673                 | 0.14   | 10075                 | 3.09   | 18335                 | 0.29  | 99953 | 0.48   |
| 13720                 | 0.52   | 10107                 | 4.44   | 18506                 | 0.110 | 99954 | 0.62   |
| 14401                 | 0.92   | 10115                 | 1.42   | 18507                 | 0.14  | 99955 | 0.510  |
| 15224                 | 0.61   | 10309                 | 0.31   | 18708                 | 0.40  |       |        |
| 16900                 | 0.74   | 11020                 | 3.55   | 18834                 | 2.04  |       |        |
| 16901                 | 1.00 * | 11127                 | 0.16   | 18911                 | 0.33  |       |        |
| 16902                 | 0.55   | 11128                 | 1.29   | 18912                 | 0.54  |       |        |
| 16905                 | 0.64   | 11204                 | 25.54  | 18920                 | 0.34  |       |        |
| 16906                 | 0.91   | 11234                 | 1.06   | 45819                 | 1.23  |       |        |
| 16910                 | 0.47   | 12014                 | 0.73   | 49618                 | 0.94  |       |        |
| 16911                 | 0.46   | 12356                 | 0.54   | 49619                 | 2.19  |       |        |
| 16915                 | 0.45   | 12510                 | 0.45   |                       |       |       |        |
| 16916                 | 0.53   | 12805                 | 2.96   | <u>CLASS GROUP 11</u> |       |       |        |
| 16920                 | 1.03   | 13351                 | 1.00 * | 92053                 | 0.034 |       |        |
| 16921                 | 0.41   | 13352                 | 0.71   | 92054                 | 0.013 |       |        |
| 16930                 | 1.28   | 13506                 | 1.23   | 92055                 | 0.013 |       |        |
| 16931                 | 0.54   | 13507                 | 2.82   | 95124                 | 0.066 |       |        |
| 16940                 | 0.41   | 13716                 | 1.89   | 98303                 | 0.30  |       |        |
| 16941                 | 0.73   | 13759                 | 2.01   | 98304                 | 0.18  |       |        |
| 18435                 | 0.58   | 14101                 | 0.80   | 98305                 | 0.09  |       |        |
| 18436                 | 1.25   | 14279                 | 1.26   | 98306                 | 0.049 |       |        |
| 18501                 | 0.13   | 14913                 | 2.58   | 98307                 | 0.03  |       |        |

LOCAL PRODUCTS/COMPLETED OPERATIONS (SUBLINE CODE 336)  
 CLASS GROUPS AND DIFFERENTIALS  
 \*Base Class

|                       |       |                       |        |       |        |
|-----------------------|-------|-----------------------|--------|-------|--------|
| <u>CLASS GROUP 12</u> |       | 96611                 | 0.093  | 94404 | 2.32   |
|                       |       | 97447                 | 0.34   | 95310 | 0.67   |
| 91111                 | 0.37  | 97650                 | 0.24   | 96408 | 6.77   |
| 91150                 | 0.34  | 97651                 | 0.29   | 96409 | 4.80   |
| 91155                 | 1.73  | 97652                 | 0.31   | 97221 | 0.70   |
| 91340                 | 0.50  | 97653                 | 0.20   | 97222 | 1.00 * |
| 91341                 | 0.26  | 97654                 | 0.19   | 97223 | 1.58   |
| 91342                 | 0.24  | 97655                 | 0.28   | 98152 | 0.29   |
| 91343                 | 0.097 | 98002                 | 0.063  | 98157 | 0.19   |
| 91436                 | 0.14  | 98482                 | 0.41   | 98163 | 0.110  |
| 91507                 | 0.20  | 98483                 | 1.00 * | 98164 | 0.038  |
| 91551                 | 0.046 | 98502                 | 0.24   | 98659 | 0.22   |
| 91555                 | 0.065 | 98636                 | 0.23   | 98914 | 0.30   |
| 91560                 | 0.29  | 98677                 | 0.66   | 98949 | 0.17   |
| 91577                 | 0.21  | 98678                 | 0.87   | 98993 | 2.04   |
| 91746                 | 0.37  | 98806                 | 0.23   | 99163 | 0.220  |
| 92101                 | 0.20  | 98820                 | 0.23   | 99803 | 4.76   |
| 92102                 | 0.22  | 98884                 | 0.14   | 99946 | 1.34   |
| 92215                 | 0.20  | 99004                 | 0.100  | 99969 | 1.42   |
| 92338                 | 0.13  | 99080                 | 0.47   |       |        |
| 92446                 | 0.12  | 99315                 | 0.13   |       |        |
| 92447                 | 0.10  | 99321                 | 0.15   |       |        |
| 92451                 | 0.15  | 99613                 | 0.15   |       |        |
| 92478                 | 0.11  | 99650                 | 0.067  |       |        |
| 94007                 | 0.32  | 99746                 | 0.21   |       |        |
| 94276                 | 0.28  |                       |        |       |        |
| 94569                 | 0.26  | <u>CLASS GROUP 13</u> |        |       |        |
| 95410                 | 0.18  | 91125                 | 1.05   |       |        |
| 95455                 | 0.11  | 91127                 | 0.66   |       |        |
| 95505                 | 0.14  | 91235                 | 1.29   |       |        |
| 95625                 | 0.24  | 91265                 | 1.88   |       |        |
| 95647                 | 0.37  | 91266                 | 0.50   |       |        |
| 96053                 | 0.28  | 91280                 | 1.49   |       |        |
| 96410                 | 0.55  | 94381                 | 5.96   |       |        |

MINNESOTA GL-2023-BGL1  
BASIC LIMIT LOSS COST LEVEL  
GENERAL LIABILITY OTHER THAN PROFESSIONAL  
PREMISES/OPERATIONS & PRODUCTS/COMPLETED OPERATIONS  
ACTUARIAL ANALYSIS SUPPLEMENT

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PURPOSE                      This document provides discussion and analysis of pattern shifts in the data used to derive the advisory loss costs.

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LOSS COST                      The statewide advisory loss cost level changes are:  
LEVEL CHANGES

| <u>SUBLINE</u>                      | <u>INDICATED</u> | <u>SELECTED</u> |
|-------------------------------------|------------------|-----------------|
| M&C                                 | -9.3%            | -9.3%           |
| OL&T                                | +17.4%           | +12.5%          |
| Premises/Operations                 | +3.8%            | +1.4%           |
| Products                            | -14.2%           | -14.2%          |
| Local Products/Completed Operations | -9.6%            | -9.6%           |
| Products/Completed Operations       | -10.9%           | -10.9%          |
| GL Overall                          | -0.4%            | -2.1%           |

---

INDICATED                      Indicated changes are based on standard ISO methodology. The selected changes are equal to the  
VS. SELECTED                      indicated changes for all sublines except for Owners, Landlords, and Tenants where a change of  
+12.5% has been selected to temper the effect of the 2021 experience and to limit swings in the loss  
costs.

---

HISTORICAL                      The sources of the data underlying this loss cost review are:  
SOURCE DATA

ISO reporting companies' voluntary experience.  
Fiscal- accident year data through year ended 9/30/2022 for Premises/Operations.  
Calendar - accident year data through year ended 12/31/2021 for Products/Completed  
Operations.

Bodily Injury and Property Damage deductible data is included. Fringe losses (Coverage  
B) are also included.

Statistical plan data reported to ISO is first processed through a system of rigorous  
automated data verification processes so that only data that would be reliable is used for  
ratemaking. Subsequent to this initial data submission review, additional analyses  
involving an even more customized data review for this line was performed by staff.  
During these processes, various data records were excluded from the review, corrected or  
adjusted. Specifically, various reported exposure amounts have been adjusted prior to  
their use in the calculations. The ISO staff responsible for this loss cost review also  
reviewed the data for reasonableness.

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## CALL TO CALL COMPARISON

### Manufacturers and Contractors

The Aggregate Loss Costs at Current Level (ALCCL) decreased by an average of 10.1%, when the four years common to both this year's and last year's reviews are compared. This is primarily accounted for by the following changes since the prior review:

- A change in company mix which caused a 7.2% decrease in ALCCL;
- Implemented loss cost level change (-8.5%);
- A change in exposure trend plus an additional year of trending (+6.0%);
- The effect on ALCCL due to a change in average IPMFs (-0.7%).

The Basic Limit Experience Ratios (BLER) increased in 2021 (30.4%). This is mainly due to unfavorable experience across several class groups.

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### Owners, Landlords and Tenants

The Aggregate Loss Costs at Current Level (ALCCL) decreased by an average of 4.7%, when the four years common to both this year's and last year's reviews are compared. This is primarily accounted for by the following changes since the prior review:

- A change in company mix which caused an 8.0% decrease in ALCCL;
- Implemented loss cost level change (-2.2%);
- A change in exposure trend plus an additional year of trending (+3.0%);
- The effect on ALCCL due to a change in average IPMFs (+2.2%).

The BLERs increased in 2020 (18.1%) and 2021 (109.8%). This is mainly due to unfavorable experience across several class groups.

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### Products

Multistate ALCCL decreased by an average of 1.5% over the four common years in the latest call. This can be accounted for by the following changes since the prior review:

- A change in company mix which caused a 2.2% decrease in ALCCL;
- Implemented an average loss cost level change of approximately -12.1% in most states;
- A change in exposure trend plus an additional year of trending of +12.3%;
- The effect on ALCCL due to a change in average IPMFs (+0.6%).

The BLERs changed due to the various effects listed above.

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CALL TO CALL  
COMPARISON  
(Cont'd)

Local Products/  
Completed Ops

Multistate ALCCL decreased by an average of 3.2% over the four common years in the latest call. This can be accounted for by the following changes since the prior review:

- A change in the companies mix which caused a 0.9% decrease in ALCCL;
- Implemented an average loss cost level change of approximately -9.6% in most states;
- A change in exposure trend plus an additional year of trending of +7.9%;
- The effect on ALCCL due to a change in average IPMFs (-0.2%).

The BLERs changed due to the various effects listed above.

LATEST CALL  
YEAR TO YEAR  
COMPARISON

Manufacturers and  
Contractors

The ALCCL decreased from 2018 to 2022.

The low BLERs for 2020 (0.838), 2021 (0.781) and 2022 (0.850) are attributable to favorable experience in several class groups. The high BLER for 2019 (1.108) is attributable to unfavorable experience in several class groups.

Owners, Landlords  
and Tenants

The ALCCL decreased from 2018 to 2021 and then increased thereafter.

The high BLERs for 2018 (1.159), 2019 (1.190) and 2021 (1.802) are attributable to unfavorable experience in several class groups.

Products

The ALCCL decreased from 2017 to 2018, increased until 2020 and then decreased thereafter.

The BLER decreased from 2017 to 2020 and increased thereafter.

Local Products/  
Completed Ops

The ALCCL increased from 2017 to 2019 and then decreased thereafter.

The BLER increased from 2017 to 2018, decreased until 2020 and then increased thereafter.

LOSS  
DEVELOPMENT  
FACTOR  
COMPARISON

Manufacturers and  
Contractors

The BI and PD indemnity loss development factors for the 2023 review remained stable compared to those in the 2022 review.

The multistate full coverage BI indemnity loss development factors for the 2023 review remained stable compared to those in the 2022 review. The multistate full coverage PD indemnity loss development factors for the 2023 review have increased slightly compared to the 2022 review.

The multistate deductible coverage BI and PD indemnity loss development factors for the 2023 review remained stable compared to the 2022 review.

The multistate Fringe indemnity loss development factors for the 2023 review remained stable compared to the 2022 review.

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Owners, Landlords  
and Tenants

The BI and PD indemnity loss development factors for the 2023 review remained stable compared to those in the 2022 review.

The multistate full coverage BI indemnity loss development factors for the 2023 review remained stable compared to those in the 2022 review. The multistate full coverage PD indemnity loss development factors for the 2023 review have decreased compared to those in the 2022 review.

The multistate deductible coverage BI indemnity loss development factors for the 2023 review remained stable compared to those in the 2022 review. The multistate deductible coverage PD indemnity loss development factors for the 2023 review have decreased compared to those in the 2022 review.

The multistate Fringe indemnity loss development factors for the 2023 review have increased compared to the 2022 review.

---

Products

The multistate full coverage BI indemnity loss development factors for the 2023 review have increased compared to those in the 2022 review. The multistate full coverage PD indemnity loss development factors for the 2023 review remained stable compared to those in the 2022 review.

The multistate deductible coverage BI indemnity loss development factors for the 2023 review remained stable compared to the 2022 review, with an increase in the 15 months-to-ultimate factor. The multistate deductible coverage PD indemnity loss development factors for the 2023 review remained stable compared to those in the 2022 review.

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LOSS  
DEVELOPMENT  
FACTOR  
COMPARISON  
(Cont'd)

Local Products/  
Completed Ops

For Local Products, the multistate full coverage BI indemnity loss development factors for the 2023 review have increased compared to those in the 2022 review. The multistate full coverage PD indemnity loss development factors for the 2023 review remained stable compared to those in the 2022 review. The multistate deductible coverage BI and PD indemnity loss development factors for the 2023 review remained stable compared to the 2022 review, with an increase in the BI 15 months-to-ultimate factor.

For Completed Operations, the full coverage BI indemnity loss development factors for the 2023 review remained stable compared to those in the 2022 review, except for the 15, 27 and 39 months-to-ultimate factors which increased by 42.0%, 14.4% and 15.7% respectively. This can largely be attributed to a lower 15-to-27 months credibility factor and higher state ratio. The full coverage PD indemnity loss development factors for the 2023 review remained stable compared to those in the 2022 review.

The Completed Operations multistate full coverage BI indemnity loss development factors for the 2023 review have increased compared to those in the 2022 review. The multistate full coverage PD indemnity loss development factors for the 2023 review have decreased compared to those in the 2022 review. The multistate deductible coverage BI indemnity loss development factors for the 2023 review have increased compared to the 2022 review. The multistate deductible coverage PD indemnity loss development factors for the 2023 review remained stable compared to the 2022 review.

One might expect PD loss development to be higher due to the Montrose decision in California. In response to the Montrose decision, ISO has introduced revised wording into the CGL policy to better define the concept of known loss. This revision represents neither a broadening nor a restriction in coverage from the original intent, however, it may result in the shifting of coverage, under certain circumstances, between an insured's current policy and past or future policies.

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ALAE Development

To develop ALAE losses for all sublines and loss types (BI, PD and Fringe), we are using an incremental method that is based on a percentage of the total limit indemnity losses developed to ultimate. Since this is a procedure that produces incremental factors instead of multiplicative factors, there is no appropriate factor comparison available to last year's review.

One of the primary purposes of this procedure is to produce accurate and stable developed ALAE, especially for immature accident years.

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|                              |                                  |   |
|------------------------------|----------------------------------|---|
| SEVERITY TREND<br>COMPARISON | Manufacturers and<br>Contractors | <p>The BI severity trend selection is +6.5%, up from +5.5% in the previous Fiscal review.</p> <p>The PD severity trend selection is +4.5%, unchanged from +4.5% in the previous Fiscal review.</p> <p>The Fringe severity trend selection is 0.0%, unchanged from 0.0% in the previous Fiscal review.</p> |
|                              | Owners, Landlords<br>and Tenants | <p>The BI severity trend selection is +8.0%, up from +6.5% in the previous Fiscal review.</p> <p>The PD severity trend selection is +8.0%, up from +7.5% in the previous Fiscal review.</p> <p>The Fringe severity trend selection is +2.5%, up from +0.5% in the previous Fiscal review.</p>             |
|                              | Products                         | <p>The BI severity trend selection is +3.0%, unchanged from +3.0% in the previous review.</p> <p>The PD severity trend selection is +4.5%, unchanged from +4.5% in the previous review.</p>   |
|                              | Local Products/<br>Completed Ops | <p>The BI severity trend selection is +7.5%, up from +5.5% in the previous review.</p> <p>The PD selected severity trend is +4.0%, unchanged from +4.0% in the previous review.</p>   |

FREQUENCY  
TREND  
COMPARISON

We have selected a frequency trend of -0.5% for Manufacturers & Contractors, -0.5% for Owners, Landlords and Tenants, -1.5% for Products, and 0.0% for Local Products/Completed Operations. This is consistent with our conservative approach toward frequency trend selections. This conservatism reflects the difficulty of predicting turning points for cyclical and volatile data along with the amplifying effects that varying frequency trend selections have on indicated loss cost level changes.

Manufacturers and  
Contractors

The latest frequency point is lower than the prior point.

Owners, Landlords  
and Tenants

The latest frequency point is lower than the prior point.

Products

The latest frequency point is higher than the prior point.

Local Products/  
Completed Ops

The latest frequency point is higher than the prior point.

EXPOSURE  
TREND  
COMPARISON

Manufacturers and  
Contractors

The exposure trend factors for Manufacturers are higher than that used in the previous review for for the earliest of the three years while lower for the latest two years. The exposure trend factors for Contractors are higher than that used in the previous review for all three years.

Owners, Landlords  
and Tenants

The exposure trend factors for Class Groups 1-13 are higher than those used in the previous review for all three years. For Class Group 16, the exposure trend factor is higher than that used in the previous review for the earliest of the three years while lower for the latest two years.

Products

The exposure trend factors are higher than that used in the previous review for all three years.

Local Products/  
Completed Ops

The exposure trend factors for Local Products are higher than that used in the previous review for all three years. The exposure trend factors for Completed Operations are higher than that used in the previous review for all three years.

|   |  |  |
|---|--|--|
| WEIGHTED<br>AVERAGE<br>IMPLICIT<br>PACKAGE<br>MODIFICATION<br>FACTOR (IPMF)<br>COMPARISON | Manufacturers and<br>Contractors   | The current weighted average IPMF is 1.075. In the 2022 review the weighted average IPMF was 1.087.                                |
|   | Owners, Landlords<br>and Tenants   | The current weighted average IPMF is 0.998. In the 2022 review the weighted average IPMF was 0.969.                                |
|   | Products   | The current multistate weighted average IPMF is 0.885. In the 2022 review the multistate weighted average IPMF was 0.878.          |
|   | Local Products/<br>Completed Ops   | The current multistate weighted average IPMF is 0.993. In the Group 4, 2022 review the multistate weighted average IPMF was 0.994. |
| The IPMF's are applied to the multiline ALCCL.  |  |  |
| CLASS GROUP/<br>TERRITORY/<br>STATE RELATIVE<br>CHANGE                                    | The class group relative changes for Manufacturers and Contractors vary within reasonable limits.  |  |
|   | The class group and territory relative changes for Owners, Landlords and Tenants vary within reasonable limits.  |  |
|   | For Local Products, Minnesota's state balanced relative change (0.942) ranks 49th highest overall. In last year's review, Minnesota's balanced relative change (0.902) ranks 51st highest overall. |  |
| CHANGE IN<br>COMPANY MIX<br>SINCE LAST CALL   | For Manufacturers and Contractors the change in company mix results in an average decrease of 7.2% in the total statewide ALCCL.   |  |
|   | For Owners, Landlords and Tenants, the change in company mix results in an average decrease of 8.0% in the total statewide ALCCL.  |  |
|   | For Products, the change in company mix results in a 2.2% decrease in the total multistate ALCCL.  |  |
|   | For Local Products/Completed Operations, the change in company mix results in a 0.9% decrease in the total multistate ALCCL.   |  |

| \$100,000/200,000 BASIC LIMIT OCCURRENCE<br>Premises/Operations (Prem/Ops) (Subline Code 334) Territory 501<br>Products/Completed Operations (Prod/Cops) (Subline Code 336) Entire State Territory 999 |           |            |            |           |            |            |           |            |            |           |            |
|--|-----------|------------|------------|-----------|------------|------------|-----------|------------|------------|-----------|------------|
| Class Code   | Prem/ Ops | Prod/ Cops | Class Code | Prem/ Ops | Prod/ Cops | Class Code | Prem/ Ops | Prod/ Cops | Class Code | Prem/ Ops | Prod/ Cops |
| 10010  | .044      | .137       | 10150      | .198      | (a)        | 11204      | .125      | 1.28       | 13111      | .30       | .067       |
| 10011  | .01       | (a)        | 10151      | 4.98      | —          | 11205      | (a)       | —          | 13112      | .03       | .038       |
| 10012  | .012      | (a)        | 10160      | .89       | —          | 11206      | .52       | —          | 13201      | .43       | .097       |
| 10015  | 3.88      | —          | 10204      | .09       | —          | 11207      | 6.53      | —          | 13204      | .49       | .68        |
| 10020  | (a)       | (a)        | 10205      | .10       | —          | 11208      | 1.12      | —          | 13205      | .188      | .27        |
| 10025  | .01       | (a)        | 10210      | .16       | (a)        | 11209      | 5.25      | —          | 13206      | (a)       | (a)        |
| 10026  | .26       | .018       | 10211      | .16       | (a)        | 11210      | 2.24      | —          | 13207      | (a)       | (a)        |
| 10027  | .01       | (a)        | 10220      | 1.88      | —          | 11211      | 11.60     | —          | 13208      | (a)       | (a)        |
| 10036  | .32       | (a)        | 10255      | .119      | .124       | 11212      | 1.76      | —          | 13314      | .048      | .009       |
| 10040  | .033      | .30        | 10256      | .44       | .154       | 11213      | 1.44      | —          | 13351      | .117      | .05        |
| 10042  | .148      | .31        | 10257      | .082      | .148       | 11214      | 3.53      | —          | 13352      | .119      | .035       |
| 10052  | 2.68      | —          | 10309      | .065      | .015       | 11222      | .059      | —          | 13410      | .69       | 1.55       |
| 10054  | 2.38      | —          | 10315      | .152      | (a)        | 11234      | .112      | .053       | 13411      | (a)       | (a)        |
| 10060  | .071      | .056       | 10331      | 5.26      | —          | 11248      | .023      | .01        | 13412      | .231      | 1.15       |
| 10065  | .106      | .051       | 10332      | 9.07      | —          | 11258      | .32       | .192       | 13453      | .27       | (a)        |
| 10066  | .108      | .064       | 10352      | .155      | .057       | 11259      | .34       | .16        | 13454      | .31       | (a)        |
| 10070  | .025      | .094       | 10367      | 2.99      | —          | 11273      | 5.57      | —          | 13455      | .32       | (a)        |
| 10071  | .127      | .096       | 10368      | 4.38      | —          | 11274      | 5.35      | —          | 13461      | (a)       | (a)        |
| 10072  | 3.39      | —          | 10375      | (a)       | —          | 11288      | .39       | .076       | 13506      | .37       | .061       |
| 10073  | .50       | .44        | 10378      | 5.33      | —          | 12014      | .049      | .036       | 13507      | .44       | .141       |
| 10075  | 3.71      | .154       | 10379      | 2.47      | —          | 12356      | .47       | .027       | 13590      | .236      | .59        |
| 10100  | .27       | .056       | 10380      | 4.22      | —          | 12361      | .036      | .063       | 13621      | .06       | .32        |
| 10101  | .096      | .136       | 10381      | 3.66      | —          | 12362      | .028      | (a)        | 13670      | .02       | .022       |
| 10105  | 1.04      | —          | 11007      | 1.27      | —          | 12373      | .01       | .024       | 13673      | .242      | .015       |
| 10107  | 1.53      | .222       | 11020      | .121      | .177       | 12374      | .246      | .063       | 13715      | .028      | .088       |
| 10110  | 13.20     | —          | 11039      | .43       | .068       | 12375      | .121      | .044       | 13716      | .181      | .094       |
| 10111  | .055      | .045       | 11052      | 1.59      | —          | 12391      | .021      | .055       | 13720      | .137      | .056       |
| 10113  | .144      | —          | 11101      | (a)       | (a)        | 12393      | .16       | (a)        | 13759      | .071      | .10        |
| 10115  | .29       | .071       | 11120      | (a)       | —          | 12467      | .067      | (a)        | 13930      | .059      | .103       |
| 10117  | 3.85      | —          | 11126      | .025      | .019       | 12509      | .03       | .02        | 14068      | .016      | .008       |
| 10119  | (a)       | —          | 11127      | .14       | .008       | 12510      | .38       | .022       | 14101      | .183      | .04        |
| 10120  | 8.64      | —          | 11128      | .189      | .064       | 12583      | .168      | (a)        | 14279      | .228      | .063       |
| 10130  | 1.41      | —          | 11138      | 1.32      | —          | 12651      | .49       | .33        | 14401      | .32       | .099       |
| 10132  | 1.22      | —          | 11155      | .085      | —          | 12683      | .224      | (a)        | 14405      | .75       | —          |
| 10133  | 1.53      | —          | 11160      | (a)       | (a)        | 12707      | .181      | .45        | 14527      | .112      | .139       |
| 10135  | (a)       | —          | 11167      | .37       | —          | 12797      | .038      | .153       | 14655      | .035      | —          |
| 10140  | .016      | .016       | 11168      | 1.90      | —          | 12805      | .129      | .148       | 14731      | 1.58      | —          |
| 10141  | .033      | .026       | 11201      | 11.10     | —          | 12841      | .214      | —          | 14732      | .117      | —          |
| 10145  | .158      | .01        | 11202      | 3.29      | —          | 12927      | .037      | —          | 14733      | .248      | —          |
| 10146  | .119      | .017       | 11203      | .33       | .29        | 13049      | .019      | .042       | 14734      | .106      | —          |



## DIVISION SIX

## PREM/OPS TERR. 501

## GENERAL LIABILITY

## PROD/COPS

## LOSS COST PAGES

| \$100,000/200,000 BASIC LIMIT OCCURRENCE<br>Premises/Operations (Prem/Ops) (Subline Code 334) Territory 501<br>Products/Completed Operations (Prod/Cops) (Subline Code 336) Entire State Territory 999 |           |            |            |           |            |            |           |            |            |           |            |
|--|-----------|------------|------------|-----------|------------|------------|-----------|------------|------------|-----------|------------|
| Class Code   | Prem/ Ops | Prod/ Cops | Class Code | Prem/ Ops | Prod/ Cops | Class Code | Prem/ Ops | Prod/ Cops | Class Code | Prem/ Ops | Prod/ Cops |
| 14855  | .105      | .083       | 16670      | 2.18      | —          | 18501      | .26       | .014       | 40072      | (a)       | —          |
| 14913  | .133      | .129       | 16676      | .119      | .013       | 18506      | .21       | .005       | 40075      | 32.70     | —          |
| 15060  | (a)       | (a)        | 16694      | .198      | (a)        | 18507      | .075      | .007       | 40101      | 11.10     | —          |
| 15061  | (a)       | (a)        | 16705      | .088      | .09        | 18570      | .78       | —          | 40102      | 9.80      | —          |
| 15062  | .094      | (a)        | 16722      | (a)       | —          | 18575      | (a)       | (a)        | 40111      | 4.29      | —          |
| 15063  | .11       | (a)        | 16723      | (a)       | —          | 18616      | .16       | .42        | 40115      | (a)       | —          |
| 15070  | .10       | —          | 16750      | .042      | .036       | 18707      | .004      | .005       | 40117      | (a)       | —          |
| 15119  | (a)       | —          | 16751      | .042      | —          | 18708      | .046      | .02        | 40140      | (a)       | —          |
| 15120  | (a)       | —          | 16819      | .57       | (a)        | 18833      | .049      | (a)        | 41001      | .145      | —          |
| 15123  | 1.53      | —          | 16820      | .44       | (a)        | 18834      | .119      | .102       | 41210      | (a)       | —          |
| 15124  | .53       | —          | 16881      | .65       | (a)        | 18911      | .37       | .016       | 41421      | .39       | —          |
| 15188  | .166      | (a)        | 16890      | .067      | (a)        | 18912      | .71       | .027       | 41422      | .209      | —          |
| 15223  | .024      | .032       | 16891      | .073      | (a)        | 18920      | .183      | .017       | 41510      | 18.80     | —          |
| 15224  | .144      | .065       | 16892      | .132      | (a)        | 18991      | (a)       | —          | 41603      | 18.60     | —          |
| 15300  | (a)       | —          | 16900      | 1.39      | .079       | 19007      | .60       | —          | 41604      | 10.20     | —          |
| 15314  | .085      | (a)        | 16901      | .89       | .107       | 19051      | 1.32      | —          | 41620      | .93       | —          |
| 15404  | .043      | (a)        | 16902      | .76       | .059       | 19061      | (a)       | —          | 41650      | 26.20     | —          |
| 15405  | .063      | (a)        | 16905      | 1.46      | .069       | 19795      | .123      | (a)        | 41664      | 18.30     | —          |
| 15406  | .161      | .065       | 16906      | .93       | .098       | 19796      | .144      | —          | 41665      | 2.14      | —          |
| 15488  | .40       | (a)        | 16910      | .83       | .05        | 40005      | (a)       | —          | 41666      | (a)       | —          |
| 15538  | .152      | .014       | 16911      | .76       | .049       | 40006      | (a)       | —          | 41667      | 50.00     | —          |
| 15600  | .38       | .084       | 16915      | .86       | .048       | 40010      | (a)       | —          | 41668      | 46.90     | —          |
| 15607  | .131      | —          | 16916      | .71       | .057       | 40015      | (a)       | —          | 41669      | .33       | —          |
| 15608  | .085      | .009       | 16920      | 1.90      | .111       | 40020      | (a)       | —          | 41670      | .55       | —          |
| 15656  | 2.52      | —          | 16921      | 1.73      | .044       | 40026      | (a)       | —          | 41672      | (a)       | —          |
| 15699  | .32       | —          | 16930      | 1.09      | .137       | 40031      | (a)       | —          | 41673      | (a)       | —          |
| 15733  | .105      | .025       | 16931      | 1.18      | .058       | 40032      | (a)       | —          | 41675      | (a)       | —          |
| 15839  | .114      | .024       | 16940      | 2.37      | .044       | 40040      | (a)       | —          | 41677      | .193      | —          |
| 15991  | .094      | .065       | 16941      | .95       | .078       | 40041      | (a)       | —          | 41678      | 39.00     | —          |
| 15993  | .079      | .041       | 18078      | .05       | .129       | 40042      | (a)       | —          | 41679      | (a)       | (a)        |
| 16005  | .015      | .024       | 18109      | .156      | .027       | 40045      | 121.00    | —          | 41680      | 13.60     | —          |
| 16009  | .129      | .091       | 18110      | .125      | .029       | 40046      | 23.90     | —          | 41696      | .61       | —          |
| 16402  | .57       | —          | 18200      | (a)       | —          | 40047      | 8.52      | —          | 41697      | .42       | —          |
| 16403  | .36       | .142       | 18205      | .077      | .39        | 40059      | 3.05      | —          | 41700      | (a)       | —          |
| 16404  | .45       | —          | 18206      | .202      | .099       | 40061      | 1.62      | —          | 41715      | 8.63      | —          |
| 16471  | .185      | —          | 18335      | .146      | .014       | 40063      | 54.10     | —          | 41716      | 5.49      | —          |
| 16501  | .031      | (a)        | 18435      | .28       | .062       | 40064      | 15.90     | —          | 43007      | (a)       | —          |
| 16527  | .047      | .222       | 18436      | .227      | .134       | 40066      | (a)       | —          | 43117      | (a)       | —          |
| 16588  | .06       | (a)        | 18437      | .208      | (a)        | 40067      | (a)       | —          | 43151      | 16.30     | —          |
| 16604  | .10       | .074       | 18438      | .40       | (a)        | 40069      | (a)       | —          | 43152      | 11.70     | —          |

| \$100,000/200,000 BASIC LIMIT OCCURRENCE<br>Premises/Operations (Prem/Ops) (Subline Code 334) Territory 501<br>Products/Completed Operations (Prod/COps) (Subline Code 336) Entire State Territory 999 |           |            |            |           |            |            |           |            |            |           |            |
|--|-----------|------------|------------|-----------|------------|------------|-----------|------------|------------|-----------|------------|
| Class Code   | Prem/ Ops | Prod/ Cops | Class Code | Prem/ Ops | Prod/ Cops | Class Code | Prem/ Ops | Prod/ Cops | Class Code | Prem/ Ops | Prod/ Cops |
| 43200  | 62.00     | —          | 44112      | 1.06      | —          | 45771      | .187      | .114       | 47254      | (a)       | —          |
| 43215  | (a)       | —          | 44113      | (a)       | —          | 45819      | .061      | .061       | 47318      | 5.10      | —          |
| 43421  | 17.00     | —          | 44193      | (a)       | —          | 45900      | .044      | .046       | 47367      | .193      | —          |
| 43422  | 89.10     | —          | 44194      | (a)       | —          | 45901      | .037      | .03        | 47420      | 1.12      | —          |
| 43424  | (a)       | —          | 44222      | (a)       | —          | 45937      | .14       | —          | 47468      | (a)       | —          |
| 43470  | 3.55      | —          | 44276      | 83.10     | —          | 45993      | (a)       | (a)        | 47469      | 3.92      | —          |
| 43517  | (a)       | —          | 44277      | 53.90     | —          | 46004      | 24.90     | —          | 47471      | 3.40      | —          |
| 43518  | 7.85      | —          | 44280      | .193      | —          | 46005      | 19.90     | —          | 47473      | 4.45      | —          |
| 43550  | 60.60     | —          | 44311      | 4.05      | —          | 46112      | .044      | —          | 47474      | 4.97      | —          |
| 43551  | 33.60     | —          | 44315      | 2.72      | —          | 46202      | 3.20      | —          | 47475      | 3.92      | —          |
| 43626  | 6.27      | —          | 44427      | 40.10     | —          | 46362      | 136.00    | —          | 47476      | 3.92      | —          |
| 43628  | 81.50     | —          | 44428      | 40.30     | —          | 46426      | 19.90     | —          | 47477      | 5.23      | —          |
| 43629  | 69.10     | —          | 44429      | .60       | —          | 46427      | 26.50     | —          | 47478      | 5.49      | —          |
| 43754  | (a)       | —          | 44430      | .42       | —          | 46510      | (a)       | —          | 47600      | (a)       | —          |
| 43760  | 2.30      | —          | 44431      | 1.34      | —          | 46590      | (a)       | —          | 47610      | (a)       | —          |
| 43822  | 2.82      | —          | 44432      | .43       | —          | 46603      | 1.67      | —          | 48039      | 43.90     | —          |
| 43840  | .035      | —          | 44433      | 13.60     | —          | 46604      | 1.92      | —          | 48177      | (a)       | —          |
| 43860  | 2.22      | —          | 44434      | 25.90     | —          | 46606      | 5.13      | —          | 48178      | (a)       | —          |
| 43889  | .79       | —          | 44435      | 26.90     | —          | 46607      | 7.05      | —          | 48206      | 16.60     | —          |
| 43945  | (a)       | —          | 44436      | 31.40     | —          | 46622      | 8.25      | —          | 48252      | (a)       | —          |
| 43946  | (a)       | —          | 44437      | 26.00     | —          | 46671      | (a)       | —          | 48441      | .07       | —          |
| 43990  | (a)       | (a)        | 44438      | 20.50     | —          | 46700      | 125.00    | —          | 48557      | 6.97      | —          |
| 43991  | (a)       | —          | 44439      | 40.00     | —          | 46773      | (a)       | —          | 48558      | 6.06      | —          |
| 44009  | 1.86      | —          | 44440      | 33.10     | —          | 46822      | (a)       | —          | 48600      | 39.70     | —          |
| 44010  | (a)       | (a)        | 44500      | (a)       | —          | 46881      | (a)       | —          | 48610      | (a)       | —          |
| 44069  | 6.71      | —          | 44501      | (a)       | —          | 46882      | (a)       | —          | 48636      | .86       | (a)        |
| 44070  | 1.99      | —          | 45190      | 2.52      | —          | 46911      | 12.40     | —          | 48637      | 5.33      | —          |
| 44071  | 2.21      | —          | 45191      | 1.79      | —          | 46912      | 22.70     | —          | 48638      | 2.64      | —          |
| 44072  | 1.53      | —          | 45192      | 2.09      | —          | 46913      | (a)       | —          | 48727      | (a)       | —          |
| 44100  | 3.19      | —          | 45193      | 1.23      | —          | 46914      | (a)       | —          | 48808      | .65       | —          |
| 44101  | 3.32      | —          | 45210      | 1.56      | —          | 46915      | (a)       | —          | 48924      | (a)       | —          |
| 44102  | 2.59      | —          | 45224      | (a)       | —          | 46916      | (a)       | —          | 48925      | 127.00    | —          |
| 44103  | 2.29      | —          | 45225      | (a)       | —          | 47050      | .77       | —          | 49005      | .131      | —          |
| 44104  | .96       | —          | 45334      | 35.70     | —          | 47051      | (a)       | —          | 49111      | .99       | —          |
| 44105  | (a)       | —          | 45380      | .123      | (a)        | 47052      | (a)       | —          | 49181      | 14.40     | —          |
| 44106  | (a)       | —          | 45450      | 10.50     | —          | 47103      | (a)       | —          | 49183      | 17.50     | —          |
| 44108  | 1.13      | —          | 45523      | (a)       | —          | 47146      | (a)       | —          | 49184      | 36.90     | —          |
| 44109  | 2.86      | —          | 45524      | (a)       | —          | 47147      | (a)       | —          | 49185      | 33.60     | —          |
| 44110  | 2.92      | —          | 45539      | (a)       | —          | 47221      | 137.00    | —          | 49239      | .092      | .27        |
| 44111  | 1.79      | —          | 45678      | .208      | —          | 47253      | (a)       | —          | 49292      | 1.05      | —          |

## DIVISION SIX

## PREM/OPS TERR. 501

## GENERAL LIABILITY

## PROD/COPS

## LOSS COST PAGES

| \$100,000/200,000 BASIC LIMIT OCCURRENCE<br>Premises/Operations (Prem/Ops) (Subline Code 334) Territory 501<br>Products/Completed Operations (Prod/Cops) (Subline Code 336) Entire State Territory 999 |           |            |            |           |            |            |           |            |            |           |            |
|--|-----------|------------|------------|-----------|------------|------------|-----------|------------|------------|-----------|------------|
| Class Code   | Prem/ Ops | Prod/ Cops | Class Code | Prem/ Ops | Prod/ Cops | Class Code | Prem/ Ops | Prod/ Cops | Class Code | Prem/ Ops | Prod/ Cops |
| 49305  | (a)       | —          | 51240      | .23       | .193       | 51702      | .081      | (a)        | 51986      | .112      | .075       |
| 49333  | 7.70      | —          | 51241      | .68       | .197       | 51703      | .033      | (a)        | 51999      | .047      | .25        |
| 49451  | (a)       | —          | 51250      | .135      | (a)        | 51734      | .063      | .38        | 52002      | .041      | .086       |
| 49452  | (a)       | —          | 51251      | .02       | (a)        | 51741      | .12       | .246       | 52075      | .10       | .167       |
| 49617  | .126      | .146       | 51252      | .069      | .06        | 51752      | .101      | .137       | 52076      | .12       | (a)        |
| 49618  | .106      | .047       | 51253      | .059      | (a)        | 51767      | .018      | .005       | 52109      | .01       | (a)        |
| 49619  | .199      | .109       | 51254      | .018      | .019       | 51777      | .064      | .047       | 52134      | .138      | .44        |
| 49763  | 1.29      | —          | 51255      | .34       | (a)        | 51790      | .107      | (a)        | 52137      | .039      | (a)        |
| 49800  | (a)       | —          | 51300      | .088      | .109       | 51796      | .044      | (a)        | 52150      | .25       | (a)        |
| 49801  | 120.00    | —          | 51305      | .088      | .65        | 51808      | .155      | .43        | 52315      | .084      | .237       |
| 49802  | 10.70     | —          | 51315      | .06       | .059       | 51809      | .192      | .164       | 52341      | .024      | (a)        |
| 49803  | 18.90     | —          | 51330      | .052      | .97        | 51833      | .096      | .034       | 52342      | .071      | (a)        |
| 49840  | .79       | —          | 51333      | .017      | .28        | 51850      | .126      | (a)        | 52343      | .043      | (a)        |
| 49870  | 53.30     | —          | 51340      | .019      | (a)        | 51851      | .086      | (a)        | 52401      | .134      | (a)        |
| 49890  | (a)       | —          | 51350      | .149      | .095       | 51852      | .201      | (a)        | 52402      | .01       | (a)        |
| 49891  | (a)       | —          | 51351      | .133      | .039       | 51853      | .081      | (a)        | 52432      | .052      | (a)        |
| 49902  | (a)       | —          | 51352      | .183      | .077       | 51854      | .181      | (a)        | 52433      | .047      | .47        |
| 49903  | (a)       | —          | 51355      | .124      | .081       | 51855      | .19       | (a)        | 52435      | .059      | (a)        |
| 50010  | .112      | .35        | 51356      | .134      | .42        | 51856      | .104      | (a)        | 52438      | .043      | (a)        |
| 50011  | .047      | (a)        | 51357      | .085      | 1.18       | 51857      | .179      | (a)        | 52440      | .067      | (a)        |
| 50012  | .041      | (a)        | 51358      | .204      | .094       | 51869      | .051      | .102       | 52467      | .062      | (a)        |
| 50015  | .073      | (a)        | 51359      | .179      | .51        | 51877      | .29       | .128       | 52469      | .022      | .083       |
| 50017  | .055      | (a)        | 51370      | .224      | 2.16       | 51889      | .048      | .007       | 52505      | .108      | .159       |
| 50018  | .043      | (a)        | 51380      | .022      | .026       | 51896      | .022      | .013       | 52547      | .116      | .049       |
| 50019  | .03       | (a)        | 51400      | .122      | (a)        | 51900      | .072      | .085       | 52581      | .53       | 1.57       |
| 50045  | .126      | (a)        | 51401      | .18       | (a)        | 51909      | .114      | .04        | 52619      | .037      | (a)        |
| 50047  | .014      | (a)        | 51500      | .042      | .118       | 51919      | .048      | (a)        | 52660      | .069      | —          |
| 51001  | .029      | .31        | 51516      | .058      | —          | 51926      | .049      | .036       | 52744      | .37       | .039       |
| 51005  | .006      | (a)        | 51517      | .066      | —          | 51927      | .026      | .092       | 52767      | .106      | (a)        |
| 51116  | .074      | .52        | 51550      | .052      | .36        | 51934      | .054      | .066       | 52876      | (a)       | (a)        |
| 51201  | .019      | (a)        | 51551      | .018      | .70        | 51941      | .049      | .025       | 52911      | .03       | .35        |
| 51205  | .058      | .035       | 51552      | .032      | .113       | 51942      | .078      | —          | 52967      | .011      | .043       |
| 51206  | .009      | .40        | 51553      | .056      | (a)        | 51956      | .21       | .119       | 53001      | .109      | .213       |
| 51210  | .051      | (a)        | 51554      | .005      | (a)        | 51957      | .185      | .33        | 53077      | .052      | .172       |
| 51211  | (a)       | (a)        | 51575      | .04       | .02        | 51958      | .164      | .233       | 53095      | .036      | (a)        |
| 51220  | .176      | 1.14       | 51576      | .101      | .077       | 51959      | .168      | (a)        | 53096      | .05       | (a)        |
| 51221  | .098      | 1.12       | 51600      | .069      | .156       | 51960      | .022      | .248       | 53121      | .142      | .41        |
| 51222  | .119      | 3.29       | 51613      | .045      | .10        | 51970      | .097      | .131       | 53147      | .018      | (a)        |
| 51224  | .125      | .96        | 51625      | .027      | (a)        | 51982      | .028      | .056       | 53229      | .10       | (a)        |
| 51230  | .021      | .54        | 51666      | .063      | .059       | 51985      | .054      | —          | 53271      | .027      | (a)        |

| \$100,000/200,000 BASIC LIMIT OCCURRENCE<br>Premises/Operations (Prem/Ops) (Subline Code 334) Territory 501<br>Products/Completed Operations (Prod/Cops) (Subline Code 336) Entire State Territory 999 |           |            |            |           |            |            |           |            |            |           |            |
|--|-----------|------------|------------|-----------|------------|------------|-----------|------------|------------|-----------|------------|
| Class Code   | Prem/ Ops | Prod/ Cops | Class Code | Prem/ Ops | Prod/ Cops | Class Code | Prem/ Ops | Prod/ Cops | Class Code | Prem/ Ops | Prod/ Cops |
| 53333  | .099      | .215       | 55715      | .111      | .147       | 56918      | .04       | (a)        | 58096      | .099      | 1.08       |
| 53374  | .097      | .145       | 55716      | .161      | .33        | 56919      | .102      | (a)        | 58301      | .032      | .075       |
| 53375  | .051      | .205       | 55717      | .135      | (a)        | 56920      | .093      | (a)        | 58302      | .027      | .034       |
| 53376  | .083      | .128       | 55718      | .131      | (a)        | 56980      | .055      | (a)        | 58397      | .155      | .33        |
| 53377  | .084      | .132       | 55802      | .064      | .016       | 57001      | .019      | .024       | 58408      | .046      | —          |
| 53403  | .053      | (a)        | 55918      | .064      | 1.32       | 57002      | .012      | .061       | 58409      | .058      | —          |
| 53425  | .093      | (a)        | 55919      | .009      | 2.48       | 57090      | .149      | .72        | 58456      | .031      | —          |
| 53565  | .062      | .068       | 56040      | .006      | .019       | 57146      | .095      | .59        | 58457      | .045      | —          |
| 53631  | .016      | .016       | 56041      | .04       | (a)        | 57202      | .049      | (a)        | 58458      | .058      | —          |
| 53632  | .019      | .024       | 56042      | .05       | (a)        | 57257      | .061      | .046       | 58459      | .069      | —          |
| 53731  | .017      | (a)        | 56170      | .091      | (a)        | 57401      | .034      | .065       | 58503      | .041      | .054       |
| 53732  | .118      | .39        | 56171      | .045      | (a)        | 57403      | .131      | .025       | 58532      | .053      | (a)        |
| 53733  | .077      | .155       | 56202      | .04       | .053       | 57410      | .017      | .112       | 58559      | .011      | (a)        |
| 53734  | .35       | —          | 56390      | .069      | .59        | 57411      | .023      | (a)        | 58560      | .026      | (a)        |
| 53803  | .222      | (a)        | 56391      | .059      | .217       | 57572      | .01       | .084       | 58561      | (a)       | (a)        |
| 53901  | (a)       | (a)        | 56427      | .096      | .089       | 57600      | .029      | .025       | 58575      | .034      | .081       |
| 53902  | (a)       | (a)        | 56488      | .107      | .043       | 57611      | .049      | .036       | 58627      | .108      | .008       |
| 53903  | (a)       | (a)        | 56567      | .095      | (a)        | 57625      | .26       | (a)        | 58663      | .21       | .46        |
| 53904  | (a)       | (a)        | 56650      | .29       | (a)        | 57651      | .031      | .039       | 58682      | .096      | (a)        |
| 53905  | (a)       | (a)        | 56651      | .157      | (a)        | 57690      | .064      | .32        | 58713      | .041      | (a)        |
| 53907  | .052      | .072       | 56652      | .113      | (a)        | 57716      | .03       | .069       | 58737      | .07       | .36        |
| 53951  | (a)       | (a)        | 56653      | .109      | (a)        | 57725      | .066      | .07        | 58756      | .039      | (a)        |
| 53952  | (a)       | (a)        | 56654      | .055      | (a)        | 57726      | .051      | .022       | 58757      | .236      | (a)        |
| 53953  | (a)       | (a)        | 56690      | .055      | .26        | 57798      | .016      | (a)        | 58759      | .029      | (a)        |
| 54012  | .035      | —          | 56699      | .044      | .059       | 57800      | .059      | (a)        | 58802      | .033      | .32        |
| 54077  | .071      | .30        | 56758      | .037      | .11        | 57808      | .025      | (a)        | 58813      | .096      | (a)        |
| 54444  | (a)       | (a)        | 56759      | .038      | .069       | 57809      | .026      | (a)        | 58822      | .091      | (a)        |
| 55010  | .215      | .61        | 56760      | .055      | .077       | 57810      | .025      | .089       | 58837      | .193      | .128       |
| 55011  | .058      | 1.73       | 56805      | .072      | (a)        | 57871      | .03       | .073       | 58840      | .058      | .092       |
| 55012  | .069      | .86        | 56806      | .051      | (a)        | 57913      | .076      | .182       | 58873      | .092      | .018       |
| 55013  | .084      | 1.00       | 56807      | .051      | (a)        | 57997      | .077      | —          | 58903      | .021      | (a)        |
| 55014  | (a)       | (a)        | 56808      | .066      | (a)        | 57998      | .034      | .044       | 58904      | .016      | .089       |
| 55214  | .056      | .062       | 56900      | .064      | (a)        | 57999      | .042      | .055       | 58922      | .153      | .176       |
| 55371  | .248      | .082       | 56910      | .032      | (a)        | 58009      | .042      | (a)        | 59005      | .04       | .055       |
| 55410  | (a)       | (a)        | 56911      | .082      | (a)        | 58010      | .078      | (a)        | 59057      | .29       | (a)        |
| 55426  | .102      | (a)        | 56912      | .066      | .082       | 58020      | .141      | (a)        | 59058      | .19       | (a)        |
| 55597  | .014      | 1.22       | 56913      | .054      | (a)        | 58056      | .094      | (a)        | 59188      | .28       | .039       |
| 55647  | .028      | .07        | 56915      | .32       | (a)        | 58057      | .059      | (a)        | 59189      | .38       | .207       |
| 55648  | .013      | (a)        | 56916      | .29       | .26        | 58058      | .053      | (a)        | 59223      | .095      | .118       |
| 55649  | .015      | (a)        | 56917      | .083      | (a)        | 58095      | .074      | 1.05       | 59257      | .011      | .008       |

## DIVISION SIX

PREM/OPS TERR. 501

## GENERAL LIABILITY

PROD/COPS

## LOSS COST PAGES

| \$100,000/200,000 BASIC LIMIT OCCURRENCE<br>Premises/Operations (Prem/Ops) (Subline Code 334) Territory 501<br>Products/Completed Operations (Prod/Cops) (Subline Code 336) Entire State Territory 999 |           |            |            |           |            |            |           |            |            |           |            |
|--|-----------|------------|------------|-----------|------------|------------|-----------|------------|------------|-----------|------------|
| Class Code   | Prem/ Ops | Prod/ Cops | Class Code | Prem/ Ops | Prod/ Cops | Class Code | Prem/ Ops | Prod/ Cops | Class Code | Prem/ Ops | Prod/ Cops |
| 59306  | .067      | (a)        | 59923      | .008      | .004       | 62003      | 10.50     | —          | 91125      | 1.88      | 1.83       |
| 59378  | .062      | .103       | 59925      | .183      | 1.11       | 63010      | 34.50     | —          | 91127      | .87       | 1.15       |
| 59481  | .18       | .081       | 59926      | .156      | .57        | 63011      | 43.10     | —          | 91130      | .77       | —          |
| 59482  | .29       | (a)        | 59927      | .105      | .88        | 63012      | 61.30     | —          | 91135      | .215      | (a)        |
| 59537  | .067      | .207       | 59931      | .138      | .32        | 63013      | 58.00     | —          | 91150      | .82       | 5.10       |
| 59601  | .068      | 1.44       | 59932      | .149      | .57        | 63215      | 34.80     | —          | 91155      | 1.82      | 25.90      |
| 59647  | .13       | .118       | 59941      | .046      | (a)        | 63216      | 24.10     | —          | 91160      | .76       | —          |
| 59660  | .125      | .55        | 59947      | .042      | .214       | 63217      | 24.30     | —          | 91175      | .65       | —          |
| 59661  | .061      | (a)        | 59955      | .018      | .098       | 63218      | 8.18      | —          | 91177      | 2.85      | —          |
| 59693  | .01       | —          | 59963      | .132      | .26        | 63219      | (a)       | —          | 91179      | 2.86      | —          |
| 59695  | (a)       | (a)        | 59964      | .31       | .052       | 63220      | (a)       | —          | 91190      | 1.54      | (a)        |
| 59701  | .005      | .36        | 59970      | .057      | .121       | 64074      | 17.80     | —          | 91200      | .44       | —          |
| 59713  | .112      | .247       | 59973      | .085      | (a)        | 64075      | 12.50     | —          | 91210      | (a)       | —          |
| 59722  | .058      | .019       | 59975      | .08       | .099       | 64500      | (a)       | —          | 91235      | 1.00      | 2.25       |
| 59723  | .022      | .025       | 59977      | .046      | (a)        | 65007      | 21.20     | —          | 91250      | 1.51      | (a)        |
| 59724  | .033      | .016       | 59984      | .023      | .034       | 66122      | 9.10      | —          | 91265      | 9.44      | 3.27       |
| 59725  | .042      | .094       | 59985      | .091      | (a)        | 66123      | 5.01      | —          | 91266      | 4.99      | .87        |
| 59726  | .03       | .02        | 59986      | .07       | (a)        | 66309      | 14.60     | —          | 91280      | (a)       | 2.59       |
| 59738  | .096      | .043       | 59988      | .02       | .041       | 66561      | 33.90     | —          | 91302      | 7.61      | (a)        |
| 59750  | .05       | .106       | 59989      | .012      | .031       | 67017      | 31.40     | —          | 91315      | 2.31      | —          |
| 59751  | .018      | (a)        | 60010      | 19.20     | —          | 67508      | 31.40     | —          | 91324      | 5.14      | (a)        |
| 59773  | .017      | .019       | 60011      | 22.00     | —          | 67509      | 23.00     | —          | 91325      | (a)       | (a)        |
| 59774  | .014      | .105       | 60012      | 36.20     | —          | 67510      | 12.80     | —          | 91340      | 3.36      | 7.50       |
| 59775  | .017      | .133       | 60013      | 31.00     | —          | 67511      | 13.90     | —          | 91341      | 3.27      | 3.90       |
| 59781  | .043      | .049       | 60015      | 23.20     | —          | 67512      | 59.40     | —          | 91342      | 3.08      | 3.60       |
| 59782  | .064      | .63        | 60016      | 26.00     | —          | 67513      | 37.70     | —          | 91343      | .72       | 1.45       |
| 59783  | .063      | (a)        | 60035      | 23.90     | —          | 67634      | 27.20     | —          | 91405      | 3.91      | —          |
| 59784  | .048      | (a)        | 61000      | 19.00     | —          | 67635      | 19.20     | —          | 91436      | 3.70      | 2.10       |
| 59790  | .074      | (a)        | 61212      | 12.20     | —          | 68001      | 58.70     | —          | 91481      | 13.50     | —          |
| 59798  | .164      | .29        | 61216      | 13.50     | —          | 68439      | 75.50     | —          | 91507      | 1.99      | 3.00       |
| 59806  | .117      | (a)        | 61217      | 12.30     | —          | 68500      | 4.21      | —          | 91523      | 30.70     | —          |
| 59867  | .084      | (a)        | 61218      | 8.41      | —          | 68604      | 1.41      | —          | 91547      | .174      | —          |
| 59886  | .011      | .072       | 61223      | 59.80     | —          | 68606      | 5.52      | —          | 91551      | 1.08      | .69        |
| 59889  | .054      | .176       | 61224      | 19.00     | —          | 68607      | 4.36      | —          | 91555      | .60       | .97        |
| 59892  | .063      | (a)        | 61225      | 26.40     | —          | 68702      | 3.59      | —          | 91560      | 2.76      | 4.35       |
| 59904  | .042      | .11        | 61226      | 44.50     | —          | 68703      | 2.69      | —          | 91562      | 2.41      | —          |
| 59905  | .052      | .10        | 61227      | 40.70     | —          | 68706      | 11.50     | —          | 91577      | 8.62      | 3.15       |
| 59914  | .31       | .58        | 62000      | 9.26      | —          | 68707      | 11.40     | —          | 91580      | 3.64      | —          |
| 59915  | .141      | .51        | 62001      | 7.31      | —          | 90089      | 3.13      | —          | 91581      | (a)       | (a)        |
| 59917  | .026      | .195       | 62002      | 3.34      | —          | 91111      | 1.29      | 5.55       | 91582      | (a)       | (a)        |

| \$100,000/200,000 BASIC LIMIT OCCURRENCE<br>Premises/Operations (Prem/Ops) (Subline Code 334) Territory 501<br>Products/Completed Operations (Prod/Cops) (Subline Code 336) Entire State Territory 999 |           |            |            |           |            |            |           |            |            |           |            |
|--|-----------|------------|------------|-----------|------------|------------|-----------|------------|------------|-----------|------------|
| Class Code   | Prem/ Ops | Prod/ Cops | Class Code | Prem/ Ops | Prod/ Cops | Class Code | Prem/ Ops | Prod/ Cops | Class Code | Prem/ Ops | Prod/ Cops |
| 91583  | (a)       | (a)        | 94444      | (a)       | (a)        | 97223      | 1.00      | 2.75       | 98308      | .83       | 1.11       |
| 91584  | (a)       | (a)        | 94569      | 2.13      | 3.90       | 97308      | .39       | —          | 98309      | 3.31      | 2.45       |
| 91585  | (a)       | (a)        | 94590      | 9.18      | —          | 97447      | 1.27      | 5.10       | 98344      | .52       | .85        |
| 91586  | (a)       | (a)        | 94617      | 2.90      | —          | 97501      | (a)       | —          | 98405      | .86       | —          |
| 91587  | (a)       | (a)        | 94638      | (a)       | —          | 97502      | (a)       | —          | 98413      | 10.40     | (a)        |
| 91588  | (a)       | (a)        | 95124      | 1.07      | 1.47       | 97503      | (a)       | —          | 98414      | 9.56      | (a)        |
| 91589  | (a)       | (a)        | 95233      | 2.29      | —          | 97504      | (a)       | —          | 98415      | 1.26      | (a)        |
| 91590  | 2.50      | —          | 95305      | 2.49      | —          | 97650      | 2.65      | 3.60       | 98423      | 2.99      | (a)        |
| 91591  | (a)       | (a)        | 95306      | 3.03      | —          | 97651      | 3.75      | 4.35       | 98424      | 5.07      | (a)        |
| 91606  | 7.56      | —          | 95310      | 5.94      | 1.17       | 97652      | 3.26      | 4.65       | 98425      | 2.08      | (a)        |
| 91618  | (a)       | (a)        | 95357      | .77       | —          | 97653      | 2.27      | 3.00       | 98426      | 1.84      | (a)        |
| 91629  | 1.55      | (a)        | 95358      | (a)       | —          | 97654      | 3.95      | 2.85       | 98427      | 1.79      | —          |
| 91636  | 2.65      | —          | 95410      | 3.21      | 2.70       | 97655      | 2.90      | 4.20       | 98428      | (a)       | —          |
| 91641  | .72       | (a)        | 95455      | 3.20      | 1.65       | 98002      | .52       | .94        | 98429      | .69       | —          |
| 91666  | .67       | (a)        | 95487      | 1.72      | (a)        | 98003      | .71       | (a)        | 98430      | (a)       | —          |
| 91722  | 2.32      | (a)        | 95505      | 1.49      | 2.10       | 98090      | .095      | —          | 98449      | 2.57      | 28.50      |
| 91746  | 2.41      | 5.55       | 95620      | 1.40      | (a)        | 98091      | .104      | —          | 98482      | 2.76      | 6.15       |
| 91805  | .151      | —          | 95625      | 3.63      | 3.60       | 98092      | .31       | —          | 98483      | 4.07      | 15.00      |
| 92053  | .37       | .76        | 95630      | (a)       | (a)        | 98111      | .25       | —          | 98502      | 3.90      | 3.60       |
| 92054  | .128      | .29        | 95647      | 1.21      | 5.55       | 98150      | (a)       | —          | 98555      | 1.81      | —          |
| 92055  | 3.57      | .29        | 95648      | (a)       | (a)        | 98151      | (a)       | —          | 98597      | .41       | —          |
| 92101  | 5.58      | 3.00       | 96053      | .92       | 4.20       | 98152      | 1.77      | .50        | 98598      | .14       | —          |
| 92102  | 3.36      | 3.30       | 96317      | .80       | —          | 98153      | 1.99      | (a)        | 98601      | 4.66      | (a)        |
| 92215  | 1.44      | 3.00       | 96408      | 2.78      | 11.80      | 98154      | 2.35      | (a)        | 98622      | (a)       | —          |
| 92338  | 1.29      | 1.95       | 96409      | 2.57      | 8.36       | 98155      | 3.28      | (a)        | 98623      | (a)       | —          |
| 92445  | 1.52      | —          | 96410      | 2.26      | 8.25       | 98156      | (a)       | (a)        | 98624      | .73       | —          |
| 92446  | 4.25      | 1.80       | 96611      | .77       | 1.39       | 98157      | 2.10      | .33        | 98636      | 1.23      | 3.45       |
| 92447  | 3.71      | 1.48       | 96702      | 3.20      | (a)        | 98158      | (a)       | (a)        | 98640      | 80.40     | —          |
| 92451  | 1.00      | 2.25       | 96703      | (a)       | —          | 98159      | 1.41      | (a)        | 98658      | 3.39      | —          |
| 92453  | 2.35      | —          | 96816      | 3.00      | —          | 98160      | 2.98      | (a)        | 98659      | .61       | .38        |
| 92478  | 1.16      | 1.65       | 96872      | 2.84      | (a)        | 98161      | 3.34      | (a)        | 98677      | 12.70     | 9.90       |
| 92593  | 13.20     | —          | 96930      | (a)       | —          | 98162      | (a)       | (a)        | 98678      | 11.30     | 13.00      |
| 92663  | .36       | —          | 97002      | (a)       | (a)        | 98163      | 3.50      | .192       | 98698      | (a)       | (a)        |
| 94007  | 7.97      | 4.80       | 97003      | (a)       | (a)        | 98164      | .85       | .066       | 98699      | 3.66      | (a)        |
| 94099  | 1.81      | —          | 97047      | 2.34      | —          | 98257      | 1.07      | —          | 98705      | 4.80      | —          |
| 94225  | 6.39      | —          | 97050      | 1.82      | —          | 98303      | 6.59      | 6.68       | 98710      | 2.55      | —          |
| 94276  | 3.33      | 4.20       | 97111      | 3.84      | —          | 98304      | 3.97      | 4.01       | 98751      | 2.57      | —          |
| 94304  | 1.28      | (a)        | 97220      | .207      | (a)        | 98305      | 1.88      | 2.00       | 98805      | 3.33      | 1.54       |
| 94381  | 2.40      | 10.40      | 97221      | (a)       | 1.22       | 98306      | 4.84      | 1.09       | 98806      | 1.15      | 3.45       |
| 94404  | 3.15      | 4.04       | 97222      | .66       | 1.74       | 98307      | 1.26      | .60        | 98810      | 2.65      | —          |

| \$100,000/200,000 BASIC LIMIT OCCURRENCE<br>Premises/Operations (Prem/Ops) (Subline Code 334) Territory 501<br>Products/Completed Operations (Prod/Cops) (Subline Code 336) Entire State Territory 999 |          |           |            |          |           |            |          |           |            |          |           |
|--|----------|-----------|------------|----------|-----------|------------|----------|-----------|------------|----------|-----------|
| Class Code   | Prem/Ops | Prod/Cops | Class Code | Prem/Ops | Prod/Cops | Class Code | Prem/Ops | Prod/Cops | Class Code | Prem/Ops | Prod/Cops |
| 98813  | 2.56     | 2.23      | 99620      | .35      | —         |            |          |           |            |          |           |
| 98820  | 6.35     | 3.45      | 99650      | .54      | 1.00      |            |          |           |            |          |           |
| 98871  | (a)      | (a)       | 99709      | 1.34     | (a)       |            |          |           |            |          |           |
| 98884  | 1.65     | 2.10      | 99718      | 1.02     | —         |            |          |           |            |          |           |
| 98914  | .41      | .52       | 99746      | 1.73     | 3.15      |            |          |           |            |          |           |
| 98949  | .58      | .30       | 99760      | .198     | —         |            |          |           |            |          |           |
| 98967  | 2.59     | 11.40     | 99777      | 4.59     | —         |            |          |           |            |          |           |
| 98993  | 2.36     | 3.55      | 99793      | 2.20     | —         |            |          |           |            |          |           |
| 99003  | 1.23     | 1.36      | 99798      | (a)      | (a)       |            |          |           |            |          |           |
| 99004  | 2.13     | 1.50      | 99803      | (a)      | 8.29      |            |          |           |            |          |           |
| 99080  | .87      | 7.05      | 99826      | .52      | .78       |            |          |           |            |          |           |
| 99081  | (a)      | —         | 99827      | .31      | .69       |            |          |           |            |          |           |
| 99082  | (a)      | —         | 99851      | 1.28     | —         |            |          |           |            |          |           |
| 99083  | (a)      | —         | 99917      | 2.07     | —         |            |          |           |            |          |           |
| 99084  | (a)      | (a)       | 99938      | 2.33     | —         |            |          |           |            |          |           |
| 99085  | (a)      | (a)       | 99943      | 6.75     | —         |            |          |           |            |          |           |
| 99111  | 1.27     | —         | 99946      | 5.02     | 2.33      |            |          |           |            |          |           |
| 99160  | (a)      | —         | 99948      | 2.84     | 22.30     |            |          |           |            |          |           |
| 99163  | 3.02     | .38       | 99952      | 3.88     | 17.60     |            |          |           |            |          |           |
| 99165  | .66      | (a)       | 99953      | 4.19     | 10.70     |            |          |           |            |          |           |
| 99220  | .91      | (a)       | 99954      | 3.05     | 13.80     |            |          |           |            |          |           |
| 99221  | (a)      | (a)       | 99955      | 3.82     | 11.40     |            |          |           |            |          |           |
| 99222  | 1.71     | (a)       | 99963      | .50      | —         |            |          |           |            |          |           |
| 99223  | .186     | (a)       | 99969      | 1.66     | 2.47      |            |          |           |            |          |           |
| 99303  | 10.10    | —         | 99975      | 3.39     | —         |            |          |           |            |          |           |
| 99310  | 2.54     | (a)       | 99986      | (a)      | —         |            |          |           |            |          |           |
| 99315  | 7.46     | 1.95      | 99987      | (a)      | —         |            |          |           |            |          |           |
| 99321  | 7.23     | 2.25      | 99988      | 1.46     | —         |            |          |           |            |          |           |
| 99445  | (a)      | (a)       |            |          |           |            |          |           |            |          |           |
| 99471  | .41      | —         |            |          |           |            |          |           |            |          |           |
| 99505  | 1.99     | —         |            |          |           |            |          |           |            |          |           |
| 99506  | 2.45     | —         |            |          |           |            |          |           |            |          |           |
| 99507  | 2.14     | —         |            |          |           |            |          |           |            |          |           |
| 99570  | 1.15     | (a)       |            |          |           |            |          |           |            |          |           |
| 99571  | .28      | (a)       |            |          |           |            |          |           |            |          |           |
| 99572  | .54      | (a)       |            |          |           |            |          |           |            |          |           |
| 99573  | .52      | (a)       |            |          |           |            |          |           |            |          |           |
| 99600  | .92      | —         |            |          |           |            |          |           |            |          |           |
| 99613  | 6.41     | 2.25      |            |          |           |            |          |           |            |          |           |
| 99614  | 2.06     | —         |            |          |           |            |          |           |            |          |           |

| \$100,000/200,000 BASIC LIMIT OCCURRENCE<br>Premises/Operations (Prem/Ops) (Subline Code 334) Territory 502<br>Products/Completed Operations (Prod/Cops) (Subline Code 336) Entire State Territory 999 |          |           |            |          |           |            |          |           |            |          |           |
|--|----------|-----------|------------|----------|-----------|------------|----------|-----------|------------|----------|-----------|
| Class Code   | Prem/Ops | Prod/Cops | Class Code | Prem/Ops | Prod/Cops | Class Code | Prem/Ops | Prod/Cops | Class Code | Prem/Ops | Prod/Cops |
| 10010  | .104     | .137      | 10150      | .41      | (a)       | 11204      | .26      | 1.28      | 13111      | .54      | .067      |
| 10011  | .025     | (a)       | 10151      | 10.30    | —         | 11205      | (a)      | —         | 13112      | .034     | .038      |
| 10012  | .029     | (a)       | 10160      | 1.83     | —         | 11206      | .36      | —         | 13201      | .41      | .097      |
| 10015  | 4.29     | —         | 10204      | .184     | —         | 11207      | 4.52     | —         | 13204      | .46      | .68       |
| 10020  | (a)      | (a)       | 10205      | .206     | —         | 11208      | .77      | —         | 13205      | .178     | .27       |
| 10025  | .025     | (a)       | 10210      | .33      | (a)       | 11209      | 3.64     | —         | 13206      | (a)      | (a)       |
| 10026  | .53      | .018      | 10211      | .33      | (a)       | 11210      | 1.55     | —         | 13207      | (a)      | (a)       |
| 10027  | .025     | (a)       | 10220      | 3.88     | —         | 11211      | 8.05     | —         | 13208      | (a)      | (a)       |
| 10036  | .30      | (a)       | 10255      | .113     | .124      | 11212      | 1.22     | —         | 13314      | .099     | .009      |
| 10040  | .079     | .30       | 10256      | .41      | .154      | 11213      | .99      | —         | 13351      | .24      | .05       |
| 10042  | .30      | .31       | 10257      | .078     | .148      | 11214      | 2.45     | —         | 13352      | .244     | .035      |
| 10052  | 2.97     | —         | 10309      | .133     | .015      | 11222      | .041     | —         | 13410      | .65      | 1.55      |
| 10054  | 2.63     | —         | 10315      | .31      | (a)       | 11234      | .231     | .053      | 13411      | (a)      | (a)       |
| 10060  | .146     | .056      | 10331      | 5.82     | —         | 11248      | .021     | .01       | 13412      | .218     | 1.15      |
| 10065  | .219     | .051      | 10332      | 10.00    | —         | 11258      | .59      | .192      | 13453      | .25      | (a)       |
| 10066  | .223     | .064      | 10352      | .28      | .057      | 11259      | .63      | .16       | 13454      | .29      | (a)       |
| 10070  | .06      | .094      | 10367      | 2.07     | —         | 11273      | 11.50    | —         | 13455      | .30      | (a)       |
| 10071  | .26      | .096      | 10368      | 3.03     | —         | 11274      | 11.00    | —         | 13461      | (a)      | (a)       |
| 10072  | 2.34     | —         | 10375      | (a)      | —         | 11288      | .72      | .076      | 13506      | .75      | .061      |
| 10073  | .47      | .44       | 10378      | 5.89     | —         | 12014      | .046     | .036      | 13507      | .91      | .141      |
| 10075  | 3.51     | .154      | 10379      | 2.74     | —         | 12356      | .97      | .027      | 13590      | .223     | .59       |
| 10100  | .49      | .056      | 10380      | 4.67     | —         | 12361      | .039     | .063      | 13621      | .056     | .32       |
| 10101  | .197     | .136      | 10381      | 4.04     | —         | 12362      | .066     | (a)       | 13670      | .022     | .022      |
| 10105  | 2.13     | —         | 11007      | .88      | —         | 12373      | .025     | .024      | 13673      | .45      | .015      |
| 10107  | 1.45     | .222      | 11020      | .249     | .177      | 12374      | .51      | .063      | 13715      | .066     | .088      |
| 10110  | 14.60    | —         | 11039      | .41      | .068      | 12375      | .249     | .044      | 13716      | .37      | .094      |
| 10111  | .131     | .045      | 11052      | 2.74     | —         | 12391      | .049     | .055      | 13720      | .25      | .056      |
| 10113  | .30      | —         | 11101      | (a)      | (a)       | 12393      | .33      | (a)       | 13759      | .146     | .10       |
| 10115  | .59      | .071      | 11120      | (a)      | —         | 12467      | .137     | (a)       | 13930      | .14      | .103      |
| 10117  | 4.26     | —         | 11126      | .051     | .019      | 12509      | .028     | .02       | 14068      | .032     | .008      |
| 10119  | (a)      | —         | 11127      | .33      | .008      | 12510      | .36      | .022      | 14101      | .38      | .04       |
| 10120  | 9.56     | —         | 11128      | .45      | .064      | 12583      | .159     | (a)       | 14279      | .215     | .063      |
| 10130  | 2.91     | —         | 11138      | 1.45     | —         | 12651      | .46      | .33       | 14401      | .59      | .099      |
| 10132  | 2.51     | —         | 11155      | .176     | —         | 12683      | .212     | (a)       | 14405      | .52      | —         |
| 10133  | 2.63     | —         | 11160      | (a)      | (a)       | 12707      | .43      | .45       | 14527      | .27      | .139      |
| 10135  | (a)      | —         | 11167      | .63      | —         | 12797      | .091     | .153      | 14655      | .073     | —         |
| 10140  | .018     | .016      | 11168      | 3.27     | —         | 12805      | .27      | .148      | 14731      | 2.72     | —         |
| 10141  | .036     | .026      | 11201      | 7.71     | —         | 12841      | .44      | —         | 14732      | .201     | —         |
| 10145  | .175     | .01       | 11202      | 2.28     | —         | 12927      | .077     | —         | 14733      | .51      | —         |
| 10146  | .218     | .017      | 11203      | .77      | .29       | 13049      | .021     | .042      | 14734      | .219     | —         |



## DIVISION SIX

## PREM/OPS TERR. 502

## GENERAL LIABILITY

## PROD/COPS

## LOSS COST PAGES

| \$100,000/200,000 BASIC LIMIT OCCURRENCE<br>Premises/Operations (Prem/Ops) (Subline Code 334) Territory 502<br>Products/Completed Operations (Prod/Cops) (Subline Code 336) Entire State Territory 999 |           |            |            |           |            |            |           |            |            |           |            |
|--|-----------|------------|------------|-----------|------------|------------|-----------|------------|------------|-----------|------------|
| Class Code   | Prem/ Ops | Prod/ Cops | Class Code | Prem/ Ops | Prod/ Cops | Class Code | Prem/ Ops | Prod/ Cops | Class Code | Prem/ Ops | Prod/ Cops |
| 14855  | .099      | .083       | 16670      | 2.42      | —          | 18501      | .47       | .014       | 40072      | (a)       | —          |
| 14913  | .27       | .129       | 16676      | .244      | .013       | 18506      | .198      | .005       | 40075      | 25.80     | —          |
| 15060  | (a)       | (a)        | 16694      | .187      | (a)        | 18507      | .154      | .007       | 40101      | 15.00     | —          |
| 15061  | (a)       | (a)        | 16705      | .209      | .09        | 18570      | 1.61      | —          | 40102      | 13.20     | —          |
| 15062  | .089      | (a)        | 16722      | (a)       | —          | 18575      | (a)       | (a)        | 40111      | 4.74      | —          |
| 15063  | .104      | (a)        | 16723      | (a)       | —          | 18616      | .151      | .42        | 40115      | (a)       | —          |
| 15070  | .069      | —          | 16750      | .086      | .036       | 18707      | .01       | .005       | 40117      | (a)       | —          |
| 15119  | (a)       | —          | 16751      | .086      | —          | 18708      | .094      | .02        | 40140      | (a)       | —          |
| 15120  | (a)       | —          | 16819      | .54       | (a)        | 18833      | .117      | (a)        | 41001      | .16       | —          |
| 15123  | 2.63      | —          | 16820      | .42       | (a)        | 18834      | .244      | .102       | 41210      | (a)       | —          |
| 15124  | .92       | —          | 16881      | 1.34      | (a)        | 18911      | .77       | .016       | 41421      | .37       | —          |
| 15188  | .156      | (a)        | 16890      | .063      | (a)        | 18912      | 1.45      | .027       | 41422      | .199      | —          |
| 15223  | .026      | .032       | 16891      | .069      | (a)        | 18920      | .38       | .017       | 41510      | 38.80     | —          |
| 15224  | .27       | .065       | 16892      | .125      | (a)        | 18991      | (a)       | —          | 41603      | 17.60     | —          |
| 15300  | (a)       | —          | 16900      | 1.52      | .079       | 19007      | 1.03      | —          | 41604      | 9.69      | —          |
| 15314  | .176      | (a)        | 16901      | .98       | .107       | 19051      | 2.28      | —          | 41620      | .65       | —          |
| 15404  | .041      | (a)        | 16902      | .83       | .059       | 19061      | (a)       | —          | 41650      | 24.80     | —          |
| 15405  | .06       | (a)        | 16905      | 1.60      | .069       | 19795      | .25       | (a)        | 41664      | 20.30     | —          |
| 15406  | .152      | .065       | 16906      | 1.02      | .098       | 19796      | .30       | —          | 41665      | 2.37      | —          |
| 15488  | .38       | (a)        | 16910      | .91       | .05        | 40005      | (a)       | —          | 41666      | (a)       | —          |
| 15538  | .31       | .014       | 16911      | .83       | .049       | 40006      | (a)       | —          | 41667      | 55.40     | —          |
| 15600  | .79       | .084       | 16915      | .94       | .048       | 40010      | (a)       | —          | 41668      | 51.90     | —          |
| 15607  | .091      | —          | 16916      | .78       | .057       | 40015      | (a)       | —          | 41669      | .36       | —          |
| 15608  | .176      | .009       | 16920      | 2.08      | .111       | 40020      | (a)       | —          | 41670      | .61       | —          |
| 15656  | 5.19      | —          | 16921      | 1.90      | .044       | 40026      | (a)       | —          | 41672      | (a)       | —          |
| 15699  | .224      | —          | 16930      | 1.19      | .137       | 40031      | (a)       | —          | 41673      | (a)       | —          |
| 15733  | .099      | .025       | 16931      | 1.29      | .058       | 40032      | (a)       | —          | 41675      | (a)       | —          |
| 15839  | .236      | .024       | 16940      | 2.59      | .044       | 40040      | (a)       | —          | 41677      | .133      | —          |
| 15991  | .193      | .065       | 16941      | 1.04      | .078       | 40041      | (a)       | —          | 41678      | 56.40     | —          |
| 15993  | .163      | .041       | 18078      | .119      | .129       | 40042      | (a)       | —          | 41679      | (a)       | (a)        |
| 16005  | .035      | .024       | 18109      | .32       | .027       | 40045      | 134.00    | —          | 41680      | 12.90     | —          |
| 16009  | .122      | .091       | 18110      | .26       | .029       | 40046      | 26.40     | —          | 41696      | .42       | —          |
| 16402  | 1.17      | —          | 18200      | (a)       | —          | 40047      | 9.43      | —          | 41697      | .29       | —          |
| 16403  | .74       | .142       | 18205      | .183      | .39        | 40059      | 3.38      | —          | 41700      | (a)       | —          |
| 16404  | .93       | —          | 18206      | .42       | .099       | 40061      | 1.79      | —          | 41715      | 8.20      | —          |
| 16471  | .128      | —          | 18335      | .30       | .014       | 40063      | 59.90     | —          | 41716      | 5.22      | —          |
| 16501  | .073      | (a)        | 18435      | .52       | .062       | 40064      | 17.60     | —          | 43007      | (a)       | —          |
| 16527  | .113      | .222       | 18436      | .42       | .134       | 40066      | (a)       | —          | 43117      | (a)       | —          |
| 16588  | .056      | (a)        | 18437      | .43       | (a)        | 40067      | (a)       | —          | 43151      | 12.80     | —          |
| 16604  | .095      | .074       | 18438      | .82       | (a)        | 40069      | (a)       | —          | 43152      | 16.90     | —          |

| \$100,000/200,000 BASIC LIMIT OCCURRENCE<br>Premises/Operations (Prem/Ops) (Subline Code 334) Territory 502<br>Products/Completed Operations (Prod/Cops) (Subline Code 336) Entire State Territory 999 |           |            |            |           |            |            |           |            |            |           |            |
|--|-----------|------------|------------|-----------|------------|------------|-----------|------------|------------|-----------|------------|
| Class Code   | Prem/ Ops | Prod/ Cops | Class Code | Prem/ Ops | Prod/ Cops | Class Code | Prem/ Ops | Prod/ Cops | Class Code | Prem/ Ops | Prod/ Cops |
| 43200  | 48.80     | —          | 44112      | 1.40      | —          | 45771      | .177      | .114       | 47254      | (a)       | —          |
| 43215  | (a)       | —          | 44113      | (a)       | —          | 45819      | .057      | .061       | 47318      | 5.65      | —          |
| 43421  | 13.40     | —          | 44193      | (a)       | —          | 45900      | .09       | .046       | 47367      | .133      | —          |
| 43422  | 70.10     | —          | 44194      | (a)       | —          | 45901      | .077      | .03        | 47420      | 1.24      | —          |
| 43424  | (a)       | —          | 44222      | (a)       | —          | 45937      | .11       | —          | 47468      | (a)       | —          |
| 43470  | 2.46      | —          | 44276      | 65.40     | —          | 45993      | (a)       | (a)        | 47469      | 3.73      | —          |
| 43517  | (a)       | —          | 44277      | 42.40     | —          | 46004      | 23.60     | —          | 47471      | 3.23      | —          |
| 43518  | 8.69      | —          | 44280      | .133      | —          | 46005      | 18.90     | —          | 47473      | 4.22      | —          |
| 43550  | 47.70     | —          | 44311      | 4.48      | —          | 46112      | .059      | —          | 47474      | 4.72      | —          |
| 43551  | 26.40     | —          | 44315      | 3.01      | —          | 46202      | 1.94      | —          | 47475      | 3.73      | —          |
| 43626  | 6.94      | —          | 44427      | 54.10     | —          | 46362      | 197.00    | —          | 47476      | 3.73      | —          |
| 43628  | 90.20     | —          | 44428      | 54.40     | —          | 46426      | 28.80     | —          | 47477      | 4.97      | —          |
| 43629  | 76.40     | —          | 44429      | .81       | —          | 46427      | 38.40     | —          | 47478      | 5.22      | —          |
| 43754  | (a)       | —          | 44430      | .57       | —          | 46510      | (a)       | —          | 47600      | (a)       | —          |
| 43760  | 2.55      | —          | 44431      | 1.81      | —          | 46590      | (a)       | —          | 47610      | (a)       | —          |
| 43822  | 1.95      | —          | 44432      | .57       | —          | 46603      | 2.42      | —          | 48039      | 34.60     | —          |
| 43840  | .024      | —          | 44433      | 18.30     | —          | 46604      | 2.79      | —          | 48177      | (a)       | —          |
| 43860  | 1.54      | —          | 44434      | 35.00     | —          | 46606      | 7.43      | —          | 48178      | (a)       | —          |
| 43889  | .55       | —          | 44435      | 36.20     | —          | 46607      | 10.20     | —          | 48206      | 18.40     | —          |
| 43945  | (a)       | —          | 44436      | 42.30     | —          | 46622      | 5.71      | —          | 48252      | (a)       | —          |
| 43946  | (a)       | —          | 44437      | 35.00     | —          | 46671      | (a)       | —          | 48441      | .077      | —          |
| 43990  | (a)       | (a)        | 44438      | 27.70     | —          | 46700      | 98.10     | —          | 48557      | 7.71      | —          |
| 43991  | (a)       | —          | 44439      | 53.90     | —          | 46773      | (a)       | —          | 48558      | 6.71      | —          |
| 44009  | 3.20      | —          | 44440      | 44.60     | —          | 46822      | (a)       | —          | 48600      | 57.60     | —          |
| 44010  | (a)       | (a)        | 44500      | (a)       | —          | 46881      | (a)       | —          | 48610      | (a)       | —          |
| 44069  | 7.42      | —          | 44501      | (a)       | —          | 46882      | (a)       | —          | 48636      | .83       | (a)        |
| 44070  | 2.20      | —          | 45190      | 1.53      | —          | 46911      | 13.70     | —          | 48637      | 5.89      | —          |
| 44071  | 2.44      | —          | 45191      | 1.09      | —          | 46912      | 25.20     | —          | 48638      | 2.92      | —          |
| 44072  | 1.69      | —          | 45192      | 1.27      | —          | 46913      | (a)       | —          | 48727      | (a)       | —          |
| 44100  | 4.21      | —          | 45193      | .75       | —          | 46914      | (a)       | —          | 48808      | 1.33      | —          |
| 44101  | 4.38      | —          | 45210      | .95       | —          | 46915      | (a)       | —          | 48924      | (a)       | —          |
| 44102  | 3.42      | —          | 45224      | (a)       | —          | 46916      | (a)       | —          | 48925      | 141.00    | —          |
| 44103  | 3.02      | —          | 45225      | (a)       | —          | 47050      | .53       | —          | 49005      | .091      | —          |
| 44104  | 1.27      | —          | 45334      | 28.10     | —          | 47051      | (a)       | —          | 49111      | 2.03      | —          |
| 44105  | (a)       | —          | 45380      | .116      | (a)        | 47052      | (a)       | —          | 49181      | 11.30     | —          |
| 44106  | (a)       | —          | 45450      | 8.26      | —          | 47103      | (a)       | —          | 49183      | 13.80     | —          |
| 44108  | 1.49      | —          | 45523      | (a)       | —          | 47146      | (a)       | —          | 49184      | 29.10     | —          |
| 44109  | 3.77      | —          | 45524      | (a)       | —          | 47147      | (a)       | —          | 49185      | 26.40     | —          |
| 44110  | 3.86      | —          | 45539      | (a)       | —          | 47221      | 108.00    | —          | 49239      | .087      | .27        |
| 44111  | 2.37      | —          | 45678      | .144      | —          | 47253      | (a)       | —          | 49292      | .83       | —          |

## DIVISION SIX

## PREM/OPS TERR. 502

## GENERAL LIABILITY

## PROD/COPS

## LOSS COST PAGES

| \$100,000/200,000 BASIC LIMIT OCCURRENCE<br>Premises/Operations (Prem/Ops) (Subline Code 334) Territory 502<br>Products/Completed Operations (Prod/Cops) (Subline Code 336) Entire State Territory 999 |           |            |            |           |            |            |           |            |            |           |            |
|--|-----------|------------|------------|-----------|------------|------------|-----------|------------|------------|-----------|------------|
| Class Code   | Prem/ Ops | Prod/ Cops | Class Code | Prem/ Ops | Prod/ Cops | Class Code | Prem/ Ops | Prod/ Cops | Class Code | Prem/ Ops | Prod/ Cops |
| 49305  | (a)       | —          | 51240      | .213      | .193       | 51702      | .078      | (a)        | 51986      | .104      | .075       |
| 49333  | 6.06      | —          | 51241      | .63       | .197       | 51703      | .032      | (a)        | 51999      | .044      | .25        |
| 49451  | (a)       | —          | 51250      | .131      | (a)        | 51734      | .061      | .38        | 52002      | .038      | .086       |
| 49452  | (a)       | —          | 51251      | .018      | (a)        | 51741      | .111      | .246       | 52075      | .096      | .167       |
| 49617  | .216      | .146       | 51252      | .064      | .06        | 51752      | .094      | .137       | 52076      | .116      | (a)        |
| 49618  | .181      | .047       | 51253      | .055      | (a)        | 51767      | .016      | .005       | 52109      | .01       | (a)        |
| 49619  | .34       | .109       | 51254      | .017      | .019       | 51777      | .057      | .047       | 52134      | .129      | .44        |
| 49763  | 2.22      | —          | 51255      | .33       | (a)        | 51790      | .095      | (a)        | 52137      | .038      | (a)        |
| 49800  | (a)       | —          | 51300      | .079      | .109       | 51796      | .04       | (a)        | 52150      | .237      | (a)        |
| 49801  | 94.80     | —          | 51305      | .079      | .65        | 51808      | .144      | .43        | 52315      | .074      | .237       |
| 49802  | 8.40      | —          | 51315      | .056      | .059       | 51809      | .178      | .164       | 52341      | .024      | (a)        |
| 49803  | 14.90     | —          | 51330      | .05       | .97        | 51833      | .085      | .034       | 52342      | .069      | (a)        |
| 49840  | .55       | —          | 51333      | .017      | .28        | 51850      | .122      | (a)        | 52343      | .042      | (a)        |
| 49870  | 58.90     | —          | 51340      | .018      | (a)        | 51851      | .083      | (a)        | 52401      | .129      | (a)        |
| 49890  | (a)       | —          | 51350      | .132      | .095       | 51852      | .194      | (a)        | 52402      | .01       | (a)        |
| 49891  | (a)       | —          | 51351      | .118      | .039       | 51853      | .078      | (a)        | 52432      | .048      | (a)        |
| 49902  | (a)       | —          | 51352      | .162      | .077       | 51854      | .175      | (a)        | 52433      | .044      | .47        |
| 49903  | (a)       | —          | 51355      | .11       | .081       | 51855      | .184      | (a)        | 52435      | .055      | (a)        |
| 50010  | .104      | .35        | 51356      | .119      | .42        | 51856      | .101      | (a)        | 52438      | .04       | (a)        |
| 50011  | .046      | (a)        | 51357      | .08       | 1.18       | 51857      | .173      | (a)        | 52440      | .063      | (a)        |
| 50012  | .038      | (a)        | 51358      | .193      | .094       | 51869      | .048      | .102       | 52467      | .058      | (a)        |
| 50015  | .067      | (a)        | 51359      | .169      | .51        | 51877      | .27       | .128       | 52469      | .02       | .083       |
| 50017  | .051      | (a)        | 51370      | .208      | 2.16       | 51889      | .044      | .007       | 52505      | .101      | .159       |
| 50018  | .042      | (a)        | 51380      | .021      | .026       | 51896      | .021      | .013       | 52547      | .112      | .049       |
| 50019  | .027      | (a)        | 51400      | .118      | (a)        | 51900      | .064      | .085       | 52581      | .49       | 1.57       |
| 50045  | .117      | (a)        | 51401      | .174      | (a)        | 51909      | .11       | .04        | 52619      | .034      | (a)        |
| 50047  | .013      | (a)        | 51500      | .039      | .118       | 51919      | .045      | (a)        | 52660      | .048      | —          |
| 51001  | .028      | .31        | 51516      | .04       | —          | 51926      | .045      | .036       | 52744      | .33       | .039       |
| 51005  | .006      | (a)        | 51517      | .045      | —          | 51927      | .025      | .092       | 52767      | .102      | (a)        |
| 51116  | .072      | .52        | 51550      | .049      | .36        | 51934      | .05       | .066       | 52876      | (a)       | (a)        |
| 51201  | .018      | (a)        | 51551      | .017      | .70        | 51941      | .045      | .025       | 52911      | .027      | .35        |
| 51205  | .054      | .035       | 51552      | .029      | .113       | 51942      | .072      | —          | 52967      | .01       | .043       |
| 51206  | .008      | .40        | 51553      | .052      | (a)        | 51956      | .195      | .119       | 53001      | .101      | .213       |
| 51210  | .05       | (a)        | 51554      | .005      | (a)        | 51957      | .172      | .33        | 53077      | .048      | .172       |
| 51211  | (a)       | (a)        | 51575      | .035      | .02        | 51958      | .153      | .233       | 53095      | .033      | (a)        |
| 51220  | .17       | 1.14       | 51576      | .094      | .077       | 51959      | .156      | (a)        | 53096      | .046      | (a)        |
| 51221  | .095      | 1.12       | 51600      | .064      | .156       | 51960      | .021      | .248       | 53121      | .131      | .41        |
| 51222  | .115      | 3.29       | 51613      | .042      | .10        | 51970      | .09       | .131       | 53147      | .017      | (a)        |
| 51224  | .121      | .96        | 51625      | .026      | (a)        | 51982      | .026      | .056       | 53229      | .097      | (a)        |
| 51230  | .02       | .54        | 51666      | .056      | .059       | 51985      | .037      | —          | 53271      | .025      | (a)        |

| \$100,000/200,000 BASIC LIMIT OCCURRENCE<br>Premises/Operations (Prem/Ops) (Subline Code 334) Territory 502<br>Products/Completed Operations (Prod/Cops) (Subline Code 336) Entire State Territory 999 |           |            |            |           |            |            |           |            |            |           |            |
|--|-----------|------------|------------|-----------|------------|------------|-----------|------------|------------|-----------|------------|
| Class Code   | Prem/ Ops | Prod/ Cops | Class Code | Prem/ Ops | Prod/ Cops | Class Code | Prem/ Ops | Prod/ Cops | Class Code | Prem/ Ops | Prod/ Cops |
| 53333  | .095      | .215       | 55715      | .103      | .147       | 56918      | .039      | (a)        | 58096      | .092      | 1.08       |
| 53374  | .086      | .145       | 55716      | .149      | .33        | 56919      | .099      | (a)        | 58301      | .031      | .075       |
| 53375  | .046      | .205       | 55717      | .13       | (a)        | 56920      | .09       | (a)        | 58302      | .025      | .034       |
| 53376  | .073      | .128       | 55718      | .126      | (a)        | 56980      | .051      | (a)        | 58397      | .144      | .33        |
| 53377  | .075      | .132       | 55802      | .057      | .016       | 57001      | .018      | .024       | 58408      | .032      | —          |
| 53403  | .047      | (a)        | 55918      | .059      | 1.32       | 57002      | .011      | .061       | 58409      | .04       | —          |
| 53425  | .09       | (a)        | 55919      | .008      | 2.48       | 57090      | .144      | .72        | 58456      | .021      | —          |
| 53565  | .055      | .068       | 56040      | .006      | .019       | 57146      | .091      | .59        | 58457      | .031      | —          |
| 53631  | .015      | .016       | 56041      | .037      | (a)        | 57202      | .045      | (a)        | 58458      | .04       | —          |
| 53632  | .018      | .024       | 56042      | .046      | (a)        | 57257      | .056      | .046       | 58459      | .048      | —          |
| 53731  | .016      | (a)        | 56170      | .088      | (a)        | 57401      | .032      | .065       | 58503      | .038      | .054       |
| 53732  | .11       | .39        | 56171      | .043      | (a)        | 57403      | .117      | .025       | 58532      | .05       | (a)        |
| 53733  | .071      | .155       | 56202      | .037      | .053       | 57410      | .015      | .112       | 58559      | .01       | (a)        |
| 53734  | .24       | —          | 56390      | .064      | .59        | 57411      | .022      | (a)        | 58560      | .024      | (a)        |
| 53803  | .214      | (a)        | 56391      | .055      | .217       | 57572      | .009      | .084       | 58561      | (a)       | (a)        |
| 53901  | (a)       | (a)        | 56427      | .089      | .089       | 57600      | .027      | .025       | 58575      | .031      | .081       |
| 53902  | (a)       | (a)        | 56488      | .095      | .043       | 57611      | .047      | .036       | 58627      | .101      | .008       |
| 53903  | (a)       | (a)        | 56567      | .091      | (a)        | 57625      | .238      | (a)        | 58663      | .203      | .46        |
| 53904  | (a)       | (a)        | 56650      | .28       | (a)        | 57651      | .029      | .039       | 58682      | .09       | (a)        |
| 53905  | (a)       | (a)        | 56651      | .152      | (a)        | 57690      | .061      | .32        | 58713      | .036      | (a)        |
| 53907  | .048      | .072       | 56652      | .109      | (a)        | 57716      | .029      | .069       | 58737      | .065      | .36        |
| 53951  | (a)       | (a)        | 56653      | .105      | (a)        | 57725      | .064      | .07        | 58756      | .038      | (a)        |
| 53952  | (a)       | (a)        | 56654      | .054      | (a)        | 57726      | .05       | .022       | 58757      | .219      | (a)        |
| 53953  | (a)       | (a)        | 56690      | .049      | .26        | 57798      | .015      | (a)        | 58759      | .027      | (a)        |
| 54012  | .024      | —          | 56699      | .041      | .059       | 57800      | .055      | (a)        | 58802      | .031      | .32        |
| 54077  | .066      | .30        | 56758      | .035      | .11        | 57808      | .024      | (a)        | 58813      | .093      | (a)        |
| 54444  | (a)       | (a)        | 56759      | .035      | .069       | 57809      | .025      | (a)        | 58822      | .085      | (a)        |
| 55010  | .199      | .61        | 56760      | .051      | .077       | 57810      | .024      | .089       | 58837      | .187      | .128       |
| 55011  | .054      | 1.73       | 56805      | .067      | (a)        | 57871      | .029      | .073       | 58840      | .056      | .092       |
| 55012  | .064      | .86        | 56806      | .047      | (a)        | 57913      | .071      | .182       | 58873      | .089      | .018       |
| 55013  | .081      | 1.00       | 56807      | .047      | (a)        | 57997      | .053      | —          | 58903      | .019      | (a)        |
| 55014  | (a)       | (a)        | 56808      | .061      | (a)        | 57998      | .031      | .044       | 58904      | .015      | .089       |
| 55214  | .052      | .062       | 56900      | .059      | (a)        | 57999      | .04       | .055       | 58922      | .148      | .176       |
| 55371  | .22       | .082       | 56910      | .029      | (a)        | 58009      | .04       | (a)        | 59005      | .037      | .055       |
| 55410  | (a)       | (a)        | 56911      | .079      | (a)        | 58010      | .073      | (a)        | 59057      | .27       | (a)        |
| 55426  | .099      | (a)        | 56912      | .064      | .082       | 58020      | .125      | (a)        | 59058      | .176      | (a)        |
| 55597  | .013      | 1.22       | 56913      | .052      | (a)        | 58056      | .087      | (a)        | 59188      | .249      | .039       |
| 55647  | .026      | .07        | 56915      | .31       | (a)        | 58057      | .055      | (a)        | 59189      | .34       | .207       |
| 55648  | .012      | (a)        | 56916      | .28       | .26        | 58058      | .049      | (a)        | 59223      | .092      | .118       |
| 55649  | .014      | (a)        | 56917      | .08       | (a)        | 58095      | .069      | 1.05       | 59257      | .01       | .008       |

## DIVISION SIX

## PREM/OPS TERR. 502

## GENERAL LIABILITY

## PROD/COPS

## LOSS COST PAGES

| \$100,000/200,000 BASIC LIMIT OCCURRENCE<br>Premises/Operations (Prem/Ops) (Subline Code 334) Territory 502<br>Products/Completed Operations (Prod/Cops) (Subline Code 336) Entire State Territory 999 |           |            |            |           |            |            |           |            |            |           |            |
|--|-----------|------------|------------|-----------|------------|------------|-----------|------------|------------|-----------|------------|
| Class Code   | Prem/ Ops | Prod/ Cops | Class Code | Prem/ Ops | Prod/ Cops | Class Code | Prem/ Ops | Prod/ Cops | Class Code | Prem/ Ops | Prod/ Cops |
| 59306  | .062      | (a)        | 59923      | .007      | .004       | 62003      | 15.20     | —          | 91125      | 1.88      | 1.83       |
| 59378  | .06       | .103       | 59925      | .173      | 1.11       | 63010      | 34.70     | —          | 91127      | .87       | 1.15       |
| 59481  | .167      | .081       | 59926      | .147      | .57        | 63011      | 43.40     | —          | 91130      | .77       | —          |
| 59482  | .26       | (a)        | 59927      | .099      | .88        | 63012      | 61.70     | —          | 91135      | .215      | (a)        |
| 59537  | .065      | .207       | 59931      | .129      | .32        | 63013      | 58.40     | —          | 91150      | .82       | 5.10       |
| 59601  | .063      | 1.44       | 59932      | .138      | .57        | 63215      | 50.30     | —          | 91155      | 1.82      | 25.90      |
| 59647  | .116      | .118       | 59941      | .043      | (a)        | 63216      | 34.90     | —          | 91160      | .76       | —          |
| 59660  | .116      | .55        | 59947      | .041      | .214       | 63217      | 26.90     | —          | 91175      | .65       | —          |
| 59661  | .057      | (a)        | 59955      | .017      | .098       | 63218      | 9.05      | —          | 91177      | 2.85      | —          |
| 59693  | .009      | —          | 59963      | .123      | .26        | 63219      | (a)       | —          | 91179      | 2.86      | —          |
| 59695  | (a)       | (a)        | 59964      | .29       | .052       | 63220      | (a)       | —          | 91190      | 1.54      | (a)        |
| 59701  | .005      | .36        | 59970      | .055      | .121       | 64074      | 10.80     | —          | 91200      | .44       | —          |
| 59713  | .104      | .247       | 59973      | .079      | (a)        | 64075      | 7.61      | —          | 91210      | (a)       | —          |
| 59722  | .054      | .019       | 59975      | .077      | .099       | 64500      | (a)       | —          | 91235      | 1.00      | 2.25       |
| 59723  | .02       | .025       | 59977      | .044      | (a)        | 65007      | 30.60     | —          | 91250      | 1.51      | (a)        |
| 59724  | .031      | .016       | 59984      | .022      | .034       | 66122      | 13.20     | —          | 91265      | 9.44      | 3.27       |
| 59725  | .039      | .094       | 59985      | .085      | (a)        | 66123      | 7.25      | —          | 91266      | 4.99      | .87        |
| 59726  | .028      | .02        | 59986      | .065      | (a)        | 66309      | 21.20     | —          | 91280      | (a)       | 2.59       |
| 59738  | .09       | .043       | 59988      | .02       | .041       | 66561      | 49.00     | —          | 91302      | 7.61      | (a)        |
| 59750  | .048      | .106       | 59989      | .011      | .031       | 67017      | 45.50     | —          | 91315      | 2.31      | —          |
| 59751  | .017      | (a)        | 60010      | 19.30     | —          | 67508      | 29.80     | —          | 91324      | 5.14      | (a)        |
| 59773  | .015      | .019       | 60011      | 22.20     | —          | 67509      | 21.90     | —          | 91325      | (a)       | (a)        |
| 59774  | .012      | .105       | 60012      | 36.40     | —          | 67510      | 12.20     | —          | 91340      | 3.36      | 7.50       |
| 59775  | .016      | .133       | 60013      | 31.20     | —          | 67511      | 13.20     | —          | 91341      | 3.27      | 3.90       |
| 59781  | .042      | .049       | 60015      | 23.30     | —          | 67512      | 56.40     | —          | 91342      | 3.08      | 3.60       |
| 59782  | .062      | .63        | 60016      | 26.20     | —          | 67513      | 35.80     | —          | 91343      | .72       | 1.45       |
| 59783  | .061      | (a)        | 60035      | 34.50     | —          | 67634      | 39.40     | —          | 91405      | 3.91      | —          |
| 59784  | .047      | (a)        | 61000      | 19.10     | —          | 67635      | 27.90     | —          | 91436      | 3.70      | 2.10       |
| 59790  | .069      | (a)        | 61212      | 17.60     | —          | 68001      | 85.00     | —          | 91481      | 13.50     | —          |
| 59798  | .158      | .29        | 61216      | 19.60     | —          | 68439      | 109.00    | —          | 91507      | 1.99      | 3.00       |
| 59806  | .114      | (a)        | 61217      | 17.80     | —          | 68500      | 4.24      | —          | 91523      | 30.70     | —          |
| 59867  | .078      | (a)        | 61218      | 12.20     | —          | 68604      | 2.05      | —          | 91547      | .174      | —          |
| 59886  | .011      | .072       | 61223      | 86.50     | —          | 68606      | 7.99      | —          | 91551      | 1.08      | .69        |
| 59889  | .048      | .176       | 61224      | 27.60     | —          | 68607      | 6.31      | —          | 91555      | .60       | .97        |
| 59892  | .061      | (a)        | 61225      | 38.30     | —          | 68702      | 5.20      | —          | 91560      | 2.76      | 4.35       |
| 59904  | .041      | .11        | 61226      | 64.40     | —          | 68703      | 3.90      | —          | 91562      | 2.41      | —          |
| 59905  | .049      | .10        | 61227      | 58.90     | —          | 68706      | 16.70     | —          | 91577      | 8.62      | 3.15       |
| 59914  | .29       | .58        | 62000      | 13.40     | —          | 68707      | 16.50     | —          | 91580      | 3.64      | —          |
| 59915  | .136      | .51        | 62001      | 10.60     | —          | 90089      | 3.13      | —          | 91581      | (a)       | (a)        |
| 59917  | .025      | .195       | 62002      | 4.83      | —          | 91111      | 1.29      | 5.55       | 91582      | (a)       | (a)        |

| \$100,000/200,000 BASIC LIMIT OCCURRENCE<br>Premises/Operations (Prem/Ops) (Subline Code 334) Territory 502<br>Products/Completed Operations (Prod/Cops) (Subline Code 336) Entire State Territory 999 |           |            |            |           |            |            |           |            |            |           |            |
|--|-----------|------------|------------|-----------|------------|------------|-----------|------------|------------|-----------|------------|
| Class Code   | Prem/ Ops | Prod/ Cops | Class Code | Prem/ Ops | Prod/ Cops | Class Code | Prem/ Ops | Prod/ Cops | Class Code | Prem/ Ops | Prod/ Cops |
| 91583  | (a)       | (a)        | 94444      | (a)       | (a)        | 97223      | 1.00      | 2.75       | 98308      | .83       | 1.11       |
| 91584  | (a)       | (a)        | 94569      | 2.13      | 3.90       | 97308      | .39       | —          | 98309      | 3.31      | 2.45       |
| 91585  | (a)       | (a)        | 94590      | 9.18      | —          | 97447      | 1.27      | 5.10       | 98344      | .52       | .85        |
| 91586  | (a)       | (a)        | 94617      | 2.90      | —          | 97501      | (a)       | —          | 98405      | .86       | —          |
| 91587  | (a)       | (a)        | 94638      | (a)       | —          | 97502      | (a)       | —          | 98413      | 10.40     | (a)        |
|  |           |            |            |           |            |            |           |            |            |           |            |
| 91588  | (a)       | (a)        | 95124      | 1.07      | 1.47       | 97503      | (a)       | —          | 98414      | 9.56      | (a)        |
| 91589  | (a)       | (a)        | 95233      | 2.29      | —          | 97504      | (a)       | —          | 98415      | 1.26      | (a)        |
| 91590  | 2.50      | —          | 95305      | 2.49      | —          | 97650      | 2.65      | 3.60       | 98423      | 2.99      | (a)        |
| 91591  | (a)       | (a)        | 95306      | 3.03      | —          | 97651      | 3.75      | 4.35       | 98424      | 5.07      | (a)        |
| 91606  | 7.56      | —          | 95310      | 5.94      | 1.17       | 97652      | 3.26      | 4.65       | 98425      | 2.08      | (a)        |
|  |           |            |            |           |            |            |           |            |            |           |            |
| 91618  | (a)       | (a)        | 95357      | .77       | —          | 97653      | 2.27      | 3.00       | 98426      | 1.84      | (a)        |
| 91629  | 1.55      | (a)        | 95358      | (a)       | —          | 97654      | 3.95      | 2.85       | 98427      | 1.79      | —          |
| 91636  | 2.65      | —          | 95410      | 3.21      | 2.70       | 97655      | 2.90      | 4.20       | 98428      | (a)       | —          |
| 91641  | .72       | (a)        | 95455      | 3.20      | 1.65       | 98002      | .52       | .94        | 98429      | .69       | —          |
| 91666  | .67       | (a)        | 95487      | 1.72      | (a)        | 98003      | .71       | (a)        | 98430      | (a)       | —          |
|  |           |            |            |           |            |            |           |            |            |           |            |
| 91722  | 2.32      | (a)        | 95505      | 1.49      | 2.10       | 98090      | .095      | —          | 98449      | 2.57      | 28.50      |
| 91746  | 2.41      | 5.55       | 95620      | 1.40      | (a)        | 98091      | .104      | —          | 98482      | 2.76      | 6.15       |
| 91805  | .151      | —          | 95625      | 3.63      | 3.60       | 98092      | .31       | —          | 98483      | 4.07      | 15.00      |
| 92053  | .37       | .76        | 95630      | (a)       | (a)        | 98111      | .25       | —          | 98502      | 3.90      | 3.60       |
| 92054  | .128      | .29        | 95647      | 1.21      | 5.55       | 98150      | (a)       | —          | 98555      | 1.81      | —          |
|  |           |            |            |           |            |            |           |            |            |           |            |
| 92055  | 3.57      | .29        | 95648      | (a)       | (a)        | 98151      | (a)       | —          | 98597      | .41       | —          |
| 92101  | 5.58      | 3.00       | 96053      | .92       | 4.20       | 98152      | 1.77      | .50        | 98598      | .14       | —          |
| 92102  | 3.36      | 3.30       | 96317      | .80       | —          | 98153      | 1.99      | (a)        | 98601      | 4.66      | (a)        |
| 92215  | 1.44      | 3.00       | 96408      | 2.78      | 11.80      | 98154      | 2.35      | (a)        | 98622      | (a)       | —          |
| 92338  | 1.29      | 1.95       | 96409      | 2.57      | 8.36       | 98155      | 3.28      | (a)        | 98623      | (a)       | —          |
|  |           |            |            |           |            |            |           |            |            |           |            |
| 92445  | 1.52      | —          | 96410      | 2.26      | 8.25       | 98156      | (a)       | (a)        | 98624      | .73       | —          |
| 92446  | 4.25      | 1.80       | 96611      | .77       | 1.39       | 98157      | 2.10      | .33        | 98636      | 1.23      | 3.45       |
| 92447  | 3.71      | 1.48       | 96702      | 3.20      | (a)        | 98158      | (a)       | (a)        | 98640      | 80.40     | —          |
| 92451  | 1.00      | 2.25       | 96703      | (a)       | —          | 98159      | 1.41      | (a)        | 98658      | 3.39      | —          |
| 92453  | 2.35      | —          | 96816      | 3.00      | —          | 98160      | 2.98      | (a)        | 98659      | .61       | .38        |
|  |           |            |            |           |            |            |           |            |            |           |            |
| 92478  | 1.16      | 1.65       | 96872      | 2.84      | (a)        | 98161      | 3.34      | (a)        | 98677      | 12.70     | 9.90       |
| 92593  | 13.20     | —          | 96930      | (a)       | —          | 98162      | (a)       | (a)        | 98678      | 11.30     | 13.00      |
| 92663  | .36       | —          | 97002      | (a)       | (a)        | 98163      | 3.50      | .192       | 98698      | (a)       | (a)        |
| 94007  | 7.97      | 4.80       | 97003      | (a)       | (a)        | 98164      | .85       | .066       | 98699      | 3.66      | (a)        |
| 94099  | 1.81      | —          | 97047      | 2.34      | —          | 98257      | 1.07      | —          | 98705      | 4.80      | —          |
|  |           |            |            |           |            |            |           |            |            |           |            |
| 94225  | 6.39      | —          | 97050      | 1.82      | —          | 98303      | 6.59      | 6.68       | 98710      | 2.55      | —          |
| 94276  | 3.33      | 4.20       | 97111      | 3.84      | —          | 98304      | 3.97      | 4.01       | 98751      | 2.57      | —          |
| 94304  | 1.28      | (a)        | 97220      | .207      | (a)        | 98305      | 1.88      | 2.00       | 98805      | 3.33      | 1.54       |
| 94381  | 2.40      | 10.40      | 97221      | (a)       | 1.22       | 98306      | 4.84      | 1.09       | 98806      | 1.15      | 3.45       |
| 94404  | 3.15      | 4.04       | 97222      | .66       | 1.74       | 98307      | 1.26      | .60        | 98810      | 2.65      | —          |

| \$100,000/200,000 BASIC LIMIT OCCURRENCE<br>Premises/Operations (Prem/Ops) (Subline Code 334) Territory 502<br>Products/Completed Operations (Prod/Cops) (Subline Code 336) Entire State Territory 999 |          |           |            |          |           |            |          |           |            |          |           |
|--|----------|-----------|------------|----------|-----------|------------|----------|-----------|------------|----------|-----------|
| Class Code   | Prem/Ops | Prod/Cops | Class Code | Prem/Ops | Prod/Cops | Class Code | Prem/Ops | Prod/Cops | Class Code | Prem/Ops | Prod/Cops |
| 98813  | 2.56     | 2.23      | 99620      | .35      | —         |            |          |           |            |          |           |
| 98820  | 6.35     | 3.45      | 99650      | .54      | 1.00      |            |          |           |            |          |           |
| 98871  | (a)      | (a)       | 99709      | 1.34     | (a)       |            |          |           |            |          |           |
| 98884  | 1.65     | 2.10      | 99718      | 1.02     | —         |            |          |           |            |          |           |
| 98914  | .41      | .52       | 99746      | 1.73     | 3.15      |            |          |           |            |          |           |
| 98949  | .58      | .30       | 99760      | .198     | —         |            |          |           |            |          |           |
| 98967  | 2.59     | 11.40     | 99777      | 4.59     | —         |            |          |           |            |          |           |
| 98993  | 2.36     | 3.55      | 99793      | 2.20     | —         |            |          |           |            |          |           |
| 99003  | 1.23     | 1.36      | 99798      | (a)      | (a)       |            |          |           |            |          |           |
| 99004  | 2.13     | 1.50      | 99803      | (a)      | 8.29      |            |          |           |            |          |           |
| 99080  | .87      | 7.05      | 99826      | .52      | .78       |            |          |           |            |          |           |
| 99081  | (a)      | —         | 99827      | .31      | .69       |            |          |           |            |          |           |
| 99082  | (a)      | —         | 99851      | 1.28     | —         |            |          |           |            |          |           |
| 99083  | (a)      | —         | 99917      | 2.07     | —         |            |          |           |            |          |           |
| 99084  | (a)      | (a)       | 99938      | 2.33     | —         |            |          |           |            |          |           |
| 99085  | (a)      | (a)       | 99943      | 6.75     | —         |            |          |           |            |          |           |
| 99111  | 1.27     | —         | 99946      | 5.02     | 2.33      |            |          |           |            |          |           |
| 99160  | (a)      | —         | 99948      | 2.84     | 22.30     |            |          |           |            |          |           |
| 99163  | 3.02     | .38       | 99952      | 3.88     | 17.60     |            |          |           |            |          |           |
| 99165  | .66      | (a)       | 99953      | 4.19     | 10.70     |            |          |           |            |          |           |
| 99220  | .91      | (a)       | 99954      | 3.05     | 13.80     |            |          |           |            |          |           |
| 99221  | (a)      | (a)       | 99955      | 3.82     | 11.40     |            |          |           |            |          |           |
| 99222  | 1.71     | (a)       | 99963      | .50      | —         |            |          |           |            |          |           |
| 99223  | .186     | (a)       | 99969      | 1.66     | 2.47      |            |          |           |            |          |           |
| 99303  | 10.10    | —         | 99975      | 3.39     | —         |            |          |           |            |          |           |
| 99310  | 2.54     | (a)       | 99986      | (a)      | —         |            |          |           |            |          |           |
| 99315  | 7.46     | 1.95      | 99987      | (a)      | —         |            |          |           |            |          |           |
| 99321  | 7.23     | 2.25      | 99988      | 1.46     | —         |            |          |           |            |          |           |
| 99445  | (a)      | (a)       |            |          |           |            |          |           |            |          |           |
| 99471  | .41      | —         |            |          |           |            |          |           |            |          |           |
| 99505  | 1.99     | —         |            |          |           |            |          |           |            |          |           |
| 99506  | 2.45     | —         |            |          |           |            |          |           |            |          |           |
| 99507  | 2.14     | —         |            |          |           |            |          |           |            |          |           |
| 99570  | 1.15     | (a)       |            |          |           |            |          |           |            |          |           |
| 99571  | .28      | (a)       |            |          |           |            |          |           |            |          |           |
| 99572  | .54      | (a)       |            |          |           |            |          |           |            |          |           |
| 99573  | .52      | (a)       |            |          |           |            |          |           |            |          |           |
| 99600  | .92      | —         |            |          |           |            |          |           |            |          |           |
| 99613  | 6.41     | 2.25      |            |          |           |            |          |           |            |          |           |
| 99614  | 2.06     | —         |            |          |           |            |          |           |            |          |           |

| \$100,000/200,000 BASIC LIMIT OCCURRENCE<br>Premises/Operations (Prem/Ops) (Subline Code 334) Territory 503<br>Products/Completed Operations (Prod/Cops) (Subline Code 336) Entire State Territory 999 |           |            |            |           |            |            |           |            |            |           |            |
|--|-----------|------------|------------|-----------|------------|------------|-----------|------------|------------|-----------|------------|
| Class Code   | Prem/ Ops | Prod/ Cops | Class Code | Prem/ Ops | Prod/ Cops | Class Code | Prem/ Ops | Prod/ Cops | Class Code | Prem/ Ops | Prod/ Cops |
| 10010  | .068      | .137       | 10150      | .26       | (a)        | 11204      | .166      | 1.28       | 13111      | .50       | .067       |
| 10011  | .016      | (a)        | 10151      | 6.60      | —          | 11205      | (a)       | —          | 13112      | .04       | .038       |
| 10012  | .019      | (a)        | 10160      | 1.18      | —          | 11206      | .31       | —          | 13201      | .47       | .097       |
| 10015  | 5.37      | —          | 10204      | .119      | —          | 11207      | 3.87      | —          | 13204      | .53       | .68        |
| 10020  | (a)       | (a)        | 10205      | .132      | —          | 11208      | .66       | —          | 13205      | .204      | .27        |
| 10025  | .016      | (a)        | 10210      | .212      | (a)        | 11209      | 3.11      | —          | 13206      | (a)       | (a)        |
| 10026  | .34       | .018       | 10211      | .212      | (a)        | 11210      | 1.33      | —          | 13207      | (a)       | (a)        |
| 10027  | .016      | (a)        | 10220      | 2.49      | —          | 11211      | 6.89      | —          | 13208      | (a)       | (a)        |
| 10036  | .35       | (a)        | 10255      | .129      | .124       | 11212      | 1.04      | —          | 13314      | .063      | .009       |
| 10040  | .052      | .30        | 10256      | .47       | .154       | 11213      | .85       | —          | 13351      | .154      | .05        |
| 10042  | .196      | .31        | 10257      | .089      | .148       | 11214      | 2.09      | —          | 13352      | .157      | .035       |
| 10052  | 3.71      | —          | 10309      | .086      | .015       | 11222      | .035      | —          | 13410      | .74       | 1.55       |
| 10054  | 3.30      | —          | 10315      | .201      | (a)        | 11234      | .149      | .053       | 13411      | (a)       | (a)        |
| 10060  | .094      | .056       | 10331      | 7.28      | —          | 11248      | .025      | .01        | 13412      | .25       | 1.15       |
| 10065  | .141      | .051       | 10332      | 12.60     | —          | 11258      | .53       | .192       | 13453      | .29       | (a)        |
| 10066  | .143      | .064       | 10352      | .26       | .057       | 11259      | .57       | .16        | 13454      | .34       | (a)        |
| 10070  | .039      | .094       | 10367      | 1.77      | —          | 11273      | 7.38      | —          | 13455      | .34       | (a)        |
| 10071  | .168      | .096       | 10368      | 2.59      | —          | 11274      | 7.09      | —          | 13461      | (a)       | (a)        |
| 10072  | 2.01      | —          | 10375      | (a)       | —          | 11288      | .65       | .076       | 13506      | .49       | .061       |
| 10073  | .54       | .44        | 10378      | 7.37      | —          | 12014      | .053      | .036       | 13507      | .58       | .141       |
| 10075  | 4.03      | .154       | 10379      | 3.42      | —          | 12356      | .63       | .027       | 13590      | .26       | .59        |
| 10100  | .44       | .056       | 10380      | 5.85      | —          | 12361      | .048      | .063       | 13621      | .065      | .32        |
| 10101  | .127      | .136       | 10381      | 5.06      | —          | 12362      | .043      | (a)        | 13670      | .027      | .022       |
| 10105  | 1.37      | —          | 11007      | .75       | —          | 12373      | .016      | .024       | 13673      | .40       | .015       |
| 10107  | 1.66      | .222       | 11020      | .16       | .177       | 12374      | .33       | .063       | 13715      | .043      | .088       |
| 10110  | 18.30     | —          | 11039      | .47       | .068       | 12375      | .16       | .044       | 13716      | .24       | .094       |
| 10111  | .085      | .045       | 11052      | 2.66      | —          | 12391      | .032      | .055       | 13720      | .228      | .056       |
| 10113  | .19       | —          | 11101      | (a)       | (a)        | 12393      | .212      | (a)        | 13759      | .094      | .10        |
| 10115  | .38       | .071       | 11120      | (a)       | —          | 12467      | .088      | (a)        | 13930      | .091      | .103       |
| 10117  | 5.34      | —          | 11126      | .033      | .019       | 12509      | .032      | .02        | 14068      | .021      | .008       |
| 10119  | (a)       | —          | 11127      | .216      | .008       | 12510      | .41       | .022       | 14101      | .243      | .04        |
| 10120  | 12.00     | —          | 11128      | .29       | .064       | 12583      | .182      | (a)        | 14279      | .247      | .063       |
| 10130  | 1.87      | —          | 11138      | 1.82      | —          | 12651      | .53       | .33        | 14401      | .54       | .099       |
| 10132  | 1.61      | —          | 11155      | .113      | —          | 12683      | .243      | (a)        | 14405      | .44       | —          |
| 10133  | 2.56      | —          | 11160      | (a)       | (a)        | 12707      | .28       | .45        | 14527      | .173      | .139       |
| 10135  | (a)       | —          | 11167      | .61       | —          | 12797      | .059      | .153       | 14655      | .047      | —          |
| 10140  | .022      | .016       | 11168      | 3.18      | —          | 12805      | .171      | .148       | 14731      | 2.64      | —          |
| 10141  | .044      | .026       | 11201      | 6.61      | —          | 12841      | .28       | —          | 14732      | .195      | —          |
| 10145  | .211      | .01        | 11202      | 1.95      | —          | 12927      | .05       | —          | 14733      | .33       | —          |
| 10146  | .198      | .017       | 11203      | .50       | .29        | 13049      | .025      | .042       | 14734      | .141      | —          |



## DIVISION SIX

PREM/OPS TERR. 503

## GENERAL LIABILITY

PROD/COPS

## LOSS COST PAGES

| \$100,000/200,000 BASIC LIMIT OCCURRENCE<br>Premises/Operations (Prem/Ops) (Subline Code 334) Territory 503<br>Products/Completed Operations (Prod/Cops) (Subline Code 336) Entire State Territory 999 |           |            |            |           |            |            |           |            |            |           |            |
|--|-----------|------------|------------|-----------|------------|------------|-----------|------------|------------|-----------|------------|
| Class Code   | Prem/ Ops | Prod/ Cops | Class Code | Prem/ Ops | Prod/ Cops | Class Code | Prem/ Ops | Prod/ Cops | Class Code | Prem/ Ops | Prod/ Cops |
| 14855  | .114      | .083       | 16670      | 3.02      | —          | 18501      | .43       | .014       | 40072      | (a)       | —          |
| 14913  | .177      | .129       | 16676      | .157      | .013       | 18506      | .227      | .005       | 40075      | 21.80     | —          |
| 15060  | (a)       | (a)        | 16694      | .214      | (a)        | 18507      | .099      | .007       | 40101      | 35.40     | —          |
| 15061  | (a)       | (a)        | 16705      | .136      | .09        | 18570      | 1.04      | —          | 40102      | 31.30     | —          |
| 15062  | .102      | (a)        | 16722      | (a)       | —          | 18575      | (a)       | (a)        | 40111      | 5.94      | —          |
| 15063  | .119      | (a)        | 16723      | (a)       | —          | 18616      | .173      | .42        | 40115      | (a)       | —          |
| 15070  | .059      | —          | 16750      | .055      | .036       | 18707      | .006      | .005       | 40117      | (a)       | —          |
| 15119  | (a)       | —          | 16751      | .055      | —          | 18708      | .061      | .02        | 40140      | (a)       | —          |
| 15120  | (a)       | —          | 16819      | .62       | (a)        | 18833      | .076      | (a)        | 41001      | .20       | —          |
| 15123  | 2.55      | —          | 16820      | .48       | (a)        | 18834      | .157      | .102       | 41210      | (a)       | —          |
| 15124  | .89       | —          | 16881      | .86       | (a)        | 18911      | .50       | .016       | 41421      | .44       | —          |
| 15188  | .18       | (a)        | 16890      | .072      | (a)        | 18912      | .94       | .027       | 41422      | .237      | —          |
| 15223  | .031      | .032       | 16891      | .079      | (a)        | 18920      | .243      | .017       | 41510      | 25.00     | —          |
| 15224  | .241      | .065       | 16892      | .143      | (a)        | 18991      | (a)       | —          | 41603      | 21.00     | —          |
| 15300  | (a)       | —          | 16900      | 1.43      | .079       | 19007      | 1.00      | —          | 41604      | 11.50     | —          |
| 15314  | .113      | (a)        | 16901      | .92       | .107       | 19051      | 2.21      | —          | 41620      | .55       | —          |
| 15404  | .047      | (a)        | 16902      | .78       | .059       | 19061      | (a)       | —          | 41650      | 29.60     | —          |
| 15405  | .068      | (a)        | 16905      | 1.50      | .069       | 19795      | .163      | (a)        | 41664      | 25.30     | —          |
| 15406  | .174      | .065       | 16906      | .96       | .098       | 19796      | .19       | —          | 41665      | 2.97      | —          |
| 15488  | .44       | (a)        | 16910      | .86       | .05        | 40005      | (a)       | —          | 41666      | (a)       | —          |
| 15538  | .201      | .014       | 16911      | .78       | .049       | 40006      | (a)       | —          | 41667      | 69.30     | —          |
| 15600  | .51       | .084       | 16915      | .88       | .048       | 40010      | (a)       | —          | 41668      | 65.00     | —          |
| 15607  | .078      | —          | 16916      | .73       | .057       | 40015      | (a)       | —          | 41669      | .46       | —          |
| 15608  | .113      | .009       | 16920      | 1.95      | .111       | 40020      | (a)       | —          | 41670      | .76       | —          |
| 15656  | 3.34      | —          | 16921      | 1.78      | .044       | 40026      | (a)       | —          | 41672      | (a)       | —          |
| 15699  | .192      | —          | 16930      | 1.12      | .137       | 40031      | (a)       | —          | 41673      | (a)       | —          |
| 15733  | .114      | .025       | 16931      | 1.21      | .058       | 40032      | (a)       | —          | 41675      | (a)       | —          |
| 15839  | .152      | .024       | 16940      | 2.43      | .044       | 40040      | (a)       | —          | 41677      | .114      | —          |
| 15991  | .124      | .065       | 16941      | .97       | .078       | 40041      | (a)       | —          | 41678      | 64.80     | —          |
| 15993  | .105      | .041       | 18078      | .077      | .129       | 40042      | (a)       | —          | 41679      | (a)       | (a)        |
| 16005  | .023      | .024       | 18109      | .207      | .027       | 40045      | 167.00    | —          | 41680      | 15.40     | —          |
| 16009  | .14       | .091       | 18110      | .166      | .029       | 40046      | 33.10     | —          | 41696      | .36       | —          |
| 16402  | .75       | —          | 18200      | (a)       | —          | 40047      | 11.80     | —          | 41697      | .25       | —          |
| 16403  | .47       | .142       | 18205      | .119      | .39        | 40059      | 4.22      | —          | 41700      | (a)       | —          |
| 16404  | .60       | —          | 18206      | .27       | .099       | 40061      | 2.24      | —          | 41715      | 9.76      | —          |
| 16471  | .11       | —          | 18335      | .193      | .014       | 40063      | 75.00     | —          | 41716      | 6.21      | —          |
| 16501  | .048      | (a)        | 18435      | .47       | .062       | 40064      | 22.00     | —          | 43007      | (a)       | —          |
| 16527  | .073      | .222       | 18436      | .38       | .134       | 40066      | (a)       | —          | 43117      | (a)       | —          |
| 16588  | .065      | (a)        | 18437      | .28       | (a)        | 40067      | (a)       | —          | 43151      | 10.80     | —          |
| 16604  | .109      | .074       | 18438      | .53       | (a)        | 40069      | (a)       | —          | 43152      | 19.40     | —          |

| \$100,000/200,000 BASIC LIMIT OCCURRENCE<br>Premises/Operations (Prem/Ops) (Subline Code 334) Territory 503<br>Products/Completed Operations (Prod/Cops) (Subline Code 336) Entire State Territory 999 |           |            |            |           |            |            |           |            |            |           |            |
|--|-----------|------------|------------|-----------|------------|------------|-----------|------------|------------|-----------|------------|
| Class Code   | Prem/ Ops | Prod/ Cops | Class Code | Prem/ Ops | Prod/ Cops | Class Code | Prem/ Ops | Prod/ Cops | Class Code | Prem/ Ops | Prod/ Cops |
| 43200  | 41.20     | —          | 44112      | 1.58      | —          | 45771      | .203      | .114       | 47254      | (a)       | —          |
| 43215  | (a)       | —          | 44113      | (a)       | —          | 45819      | .066      | .061       | 47318      | 7.07      | —          |
| 43421  | 11.30     | —          | 44193      | (a)       | —          | 45900      | .058      | .046       | 47367      | .114      | —          |
| 43422  | 59.20     | —          | 44194      | (a)       | —          | 45901      | .05       | .03        | 47420      | 1.55      | —          |
| 43424  | (a)       | —          | 44222      | (a)       | —          | 45937      | .093      | —          | 47468      | (a)       | —          |
| 43470  | 2.10      | —          | 44276      | 55.30     | —          | 45993      | (a)       | (a)        | 47469      | 4.44      | —          |
| 43517  | (a)       | —          | 44277      | 35.80     | —          | 46004      | 28.10     | —          | 47471      | 3.85      | —          |
| 43518  | 10.90     | —          | 44280      | .114      | —          | 46005      | 22.50     | —          | 47473      | 5.03      | —          |
| 43550  | 40.30     | —          | 44311      | 5.61      | —          | 46112      | .139      | —          | 47474      | 5.62      | —          |
| 43551  | 22.30     | —          | 44315      | 3.77      | —          | 46202      | 2.80      | —          | 47475      | 4.44      | —          |
| 43626  | 8.69      | —          | 44427      | 128.00    | —          | 46362      | 226.00    | —          | 47476      | 4.44      | —          |
| 43628  | 113.00    | —          | 44428      | 129.00    | —          | 46426      | 33.00     | —          | 47477      | 5.92      | —          |
| 43629  | 95.70     | —          | 44429      | 1.93      | —          | 46427      | 44.10     | —          | 47478      | 6.21      | —          |
| 43754  | (a)       | —          | 44430      | 1.34      | —          | 46510      | (a)       | —          | 47600      | (a)       | —          |
| 43760  | 3.19      | —          | 44431      | 4.28      | —          | 46590      | (a)       | —          | 47610      | (a)       | —          |
| 43822  | 1.67      | —          | 44432      | 1.36      | —          | 46603      | 2.77      | —          | 48039      | 29.20     | —          |
| 43840  | .021      | —          | 44433      | 43.30     | —          | 46604      | 3.20      | —          | 48177      | (a)       | —          |
| 43860  | 1.32      | —          | 44434      | 82.80     | —          | 46606      | 8.52      | —          | 48178      | (a)       | —          |
| 43889  | .47       | —          | 44435      | 85.70     | —          | 46607      | 11.70     | —          | 48206      | 23.00     | —          |
| 43945  | (a)       | —          | 44436      | 100.00    | —          | 46622      | 4.89      | —          | 48252      | (a)       | —          |
| 43946  | (a)       | —          | 44437      | 82.90     | —          | 46671      | (a)       | —          | 48441      | .097      | —          |
| 43990  | (a)       | (a)        | 44438      | 65.60     | —          | 46700      | 82.90     | —          | 48557      | 9.65      | —          |
| 43991  | (a)       | —          | 44439      | 128.00    | —          | 46773      | (a)       | —          | 48558      | 8.39      | —          |
| 44009  | 3.11      | —          | 44440      | 106.00    | —          | 46822      | (a)       | —          | 48600      | 66.10     | —          |
| 44010  | (a)       | (a)        | 44500      | (a)       | —          | 46881      | (a)       | —          | 48610      | (a)       | —          |
| 44069  | 9.29      | —          | 44501      | (a)       | —          | 46882      | (a)       | —          | 48636      | .68       | (a)        |
| 44070  | 2.75      | —          | 45190      | 2.20      | —          | 46911      | 17.20     | —          | 48637      | 7.37      | —          |
| 44071  | 3.06      | —          | 45191      | 1.56      | —          | 46912      | 31.50     | —          | 48638      | 3.66      | —          |
| 44072  | 2.11      | —          | 45192      | 1.83      | —          | 46913      | (a)       | —          | 48727      | (a)       | —          |
| 44100  | 4.73      | —          | 45193      | 1.08      | —          | 46914      | (a)       | —          | 48808      | .86       | —          |
| 44101  | 4.93      | —          | 45210      | 1.36      | —          | 46915      | (a)       | —          | 48924      | (a)       | —          |
| 44102  | 3.84      | —          | 45224      | (a)       | —          | 46916      | (a)       | —          | 48925      | 176.00    | —          |
| 44103  | 3.40      | —          | 45225      | (a)       | —          | 47050      | .46       | —          | 49005      | .078      | —          |
| 44104  | 1.43      | —          | 45334      | 23.70     | —          | 47051      | (a)       | —          | 49111      | 1.31      | —          |
| 44105  | (a)       | —          | 45380      | .133      | (a)        | 47052      | (a)       | —          | 49181      | 9.54      | —          |
| 44106  | (a)       | —          | 45450      | 6.98      | —          | 47103      | (a)       | —          | 49183      | 11.60     | —          |
| 44108  | 1.68      | —          | 45523      | (a)       | —          | 47146      | (a)       | —          | 49184      | 24.60     | —          |
| 44109  | 4.24      | —          | 45524      | (a)       | —          | 47147      | (a)       | —          | 49185      | 22.30     | —          |
| 44110  | 4.34      | —          | 45539      | (a)       | —          | 47221      | 90.90     | —          | 49239      | .099      | .27        |
| 44111  | 2.66      | —          | 45678      | .124      | —          | 47253      | (a)       | —          | 49292      | .70       | —          |

## DIVISION SIX

PREM/OPS TERR. 503

## GENERAL LIABILITY

PROD/COPS

## LOSS COST PAGES

| \$100,000/200,000 BASIC LIMIT OCCURRENCE<br>Premises/Operations (Prem/Ops) (Subline Code 334) Territory 503<br>Products/Completed Operations (Prod/Cops) (Subline Code 336) Entire State Territory 999 |           |            |            |           |            |            |           |            |            |           |            |
|--|-----------|------------|------------|-----------|------------|------------|-----------|------------|------------|-----------|------------|
| Class Code   | Prem/ Ops | Prod/ Cops | Class Code | Prem/ Ops | Prod/ Cops | Class Code | Prem/ Ops | Prod/ Cops | Class Code | Prem/ Ops | Prod/ Cops |
| 49305  | (a)       | —          | 51240      | .116      | .193       | 51702      | .065      | (a)        | 51986      | .056      | .075       |
| 49333  | 5.12      | —          | 51241      | .34       | .197       | 51703      | .027      | (a)        | 51999      | .024      | .25        |
| 49451  | (a)       | —          | 51250      | .108      | (a)        | 51734      | .05       | .38        | 52002      | .021      | .086       |
| 49452  | (a)       | —          | 51251      | .01       | (a)        | 51741      | .06       | .246       | 52075      | .08       | .167       |
| 49617  | .21       | .146       | 51252      | .035      | .06        | 51752      | .051      | .137       | 52076      | .096      | (a)        |
| 49618  | .176      | .047       | 51253      | .03       | (a)        | 51767      | .01       | .005       | 52109      | .005      | (a)        |
| 49619  | .33       | .109       | 51254      | .009      | .019       | 51777      | .034      | .047       | 52134      | .07       | .44        |
| 49763  | 2.16      | —          | 51255      | .27       | (a)        | 51790      | .057      | (a)        | 52137      | .031      | (a)        |
| 49800  | (a)       | —          | 51300      | .048      | .109       | 51796      | .022      | (a)        | 52150      | .129      | (a)        |
| 49801  | 80.10     | —          | 51305      | .048      | .65        | 51808      | .078      | .43        | 52315      | .045      | .237       |
| 49802  | 7.10      | —          | 51315      | .065      | .059       | 51809      | .097      | .164       | 52341      | .02       | (a)        |
| 49803  | 12.60     | —          | 51330      | .042      | .97        | 51833      | .052      | .034       | 52342      | .057      | (a)        |
| 49840  | .47       | —          | 51333      | .014      | .28        | 51850      | .101      | (a)        | 52343      | .035      | (a)        |
| 49870  | 73.80     | —          | 51340      | .01       | (a)        | 51851      | .068      | (a)        | 52401      | .107      | (a)        |
| 49890  | (a)       | —          | 51350      | .08       | .095       | 51852      | .16       | (a)        | 52402      | .005      | (a)        |
| 49891  | (a)       | —          | 51351      | .072      | .039       | 51853      | .065      | (a)        | 52432      | .026      | (a)        |
| 49902  | (a)       | —          | 51352      | .098      | .077       | 51854      | .145      | (a)        | 52433      | .024      | .47        |
| 49903  | (a)       | —          | 51355      | .067      | .081       | 51855      | .152      | (a)        | 52435      | .03       | (a)        |
| 50010  | .056      | .35        | 51356      | .072      | .42        | 51856      | .083      | (a)        | 52438      | .022      | (a)        |
| 50011  | .038      | (a)        | 51357      | .092      | 1.18       | 51857      | .143      | (a)        | 52440      | .034      | (a)        |
| 50012  | .021      | (a)        | 51358      | .221      | .094       | 51869      | .026      | .102       | 52467      | .031      | (a)        |
| 50015  | .037      | (a)        | 51359      | .194      | .51        | 51877      | .146      | .128       | 52469      | .011      | .083       |
| 50017  | .028      | (a)        | 51370      | .113      | 2.16       | 51889      | .024      | .007       | 52505      | .055      | .159       |
| 50018  | .035      | (a)        | 51380      | .011      | .026       | 51896      | .011      | .013       | 52547      | .093      | .049       |
| 50019  | .015      | (a)        | 51400      | .098      | (a)        | 51900      | .039      | .085       | 52581      | .27       | 1.57       |
| 50045  | .064      | (a)        | 51401      | .144      | (a)        | 51909      | .091      | .04        | 52619      | .019      | (a)        |
| 50047  | .007      | (a)        | 51500      | .021      | .118       | 51919      | .024      | (a)        | 52660      | .041      | —          |
| 51001  | .023      | .31        | 51516      | .034      | —          | 51926      | .025      | .036       | 52744      | .198      | .039       |
| 51005  | .005      | (a)        | 51517      | .039      | —          | 51927      | .013      | .092       | 52767      | .085      | (a)        |
| 51116  | .059      | .52        | 51550      | .026      | .36        | 51934      | .027      | .066       | 52876      | (a)       | (a)        |
| 51201  | .01       | (a)        | 51551      | .009      | .70        | 51941      | .025      | .025       | 52911      | .015      | .35        |
| 51205  | .029      | .035       | 51552      | .016      | .113       | 51942      | .039      | —          | 52967      | .006      | .043       |
| 51206  | .005      | .40        | 51553      | .028      | (a)        | 51956      | .106      | .119       | 53001      | .055      | .213       |
| 51210  | .041      | (a)        | 51554      | .003      | (a)        | 51957      | .093      | .33        | 53077      | .026      | .172       |
| 51211  | (a)       | (a)        | 51575      | .021      | .02        | 51958      | .083      | .233       | 53095      | .018      | (a)        |
| 51220  | .141      | 1.14       | 51576      | .051      | .077       | 51959      | .085      | (a)        | 53096      | .025      | (a)        |
| 51221  | .078      | 1.12       | 51600      | .035      | .156       | 51960      | .011      | .248       | 53121      | .071      | .41        |
| 51222  | .095      | 3.29       | 51613      | .023      | .10        | 51970      | .049      | .131       | 53147      | .014      | (a)        |
| 51224  | .10       | .96        | 51625      | .022      | (a)        | 51982      | .014      | .056       | 53229      | .08       | (a)        |
| 51230  | .017      | .54        | 51666      | .034      | .059       | 51985      | .032      | —          | 53271      | .013      | (a)        |

| \$100,000/200,000 BASIC LIMIT OCCURRENCE                        |           |            |            |           |            |   |           |            |            |           |            |
|---|-----------|------------|------------|-----------|------------|---|-----------|------------|------------|-----------|------------|
| Premises/Operations (Prem/Ops) (Subline Code 334) Territory 503 |           |            |            |           |            |   |           |            |            |           |            |
| Products/Completed Operations (Prod/Cops)                       |           |            |            |           |            | (Subline Code 336) Entire State Territory 999 |           |            |            |           |            |
| Class Code  | Prem/ Ops | Prod/ Cops | Class Code | Prem/ Ops | Prod/ Cops | Class Code                                    | Prem/ Ops | Prod/ Cops | Class Code | Prem/ Ops | Prod/ Cops |
| 53333   | .079      | .215       | 55715      | .056      | .147       | 56918   | .032      | (a)        | 58096      | .05       | 1.08       |
| 53374   | .052      | .145       | 55716      | .081      | .33        | 56919   | .081      | (a)        | 58301      | .025      | .075       |
| 53375   | .028      | .205       | 55717      | .108      | (a)        | 56920   | .074      | (a)        | 58302      | .013      | .034       |
| 53376   | .044      | .128       | 55718      | .104      | (a)        | 56980   | .028      | (a)        | 58397      | .078      | .33        |
| 53377   | .045      | .132       | 55802      | .034      | .016       | 57001   | .01       | .024       | 58408      | .027      | —          |
| 53403   | .029      | (a)        | 55918      | .032      | 1.32       | 57002   | .006      | .061       | 58409      | .034      | —          |
| 53425   | .074      | (a)        | 55919      | .004      | 2.48       | 57090   | .119      | .72        | 58456      | .018      | —          |
| 53565   | .033      | .068       | 56040      | .003      | .019       | 57146   | .076      | .59        | 58457      | .027      | —          |
| 53631   | .008      | .016       | 56041      | .02       | (a)        | 57202   | .025      | (a)        | 58458      | .034      | —          |
| 53632   | .01       | .024       | 56042      | .025      | (a)        | 57257   | .031      | .046       | 58459      | .041      | —          |
| 53731   | .009      | (a)        | 56170      | .073      | (a)        | 57401   | .017      | .065       | 58503      | .021      | .054       |
| 53732   | .06       | .39        | 56171      | .036      | (a)        | 57403   | .071      | .025       | 58532      | .027      | (a)        |
| 53733   | .039      | .155       | 56202      | .02       | .053       | 57410   | .008      | .112       | 58559      | .005      | (a)        |
| 53734   | .206      | —          | 56390      | .035      | .59        | 57411   | .018      | (a)        | 58560      | .013      | (a)        |
| 53803   | .177      | (a)        | 56391      | .03       | .217       | 57572   | .005      | .084       | 58561      | (a)       | (a)        |
| 53901   | (a)       | (a)        | 56427      | .048      | .089       | 57600   | .015      | .025       | 58575      | .017      | .081       |
| 53902   | (a)       | (a)        | 56488      | .057      | .043       | 57611   | .039      | .036       | 58627      | .055      | .008       |
| 53903   | (a)       | (a)        | 56567      | .076      | (a)        | 57625   | .129      | (a)        | 58663      | .168      | .46        |
| 53904   | (a)       | (a)        | 56650      | .231      | (a)        | 57651   | .016      | .039       | 58682      | .049      | (a)        |
| 53905   | (a)       | (a)        | 56651      | .126      | (a)        | 57690   | .051      | .32        | 58713      | .022      | (a)        |
| 53907   | .026      | .072       | 56652      | .09       | (a)        | 57716   | .024      | .069       | 58737      | .035      | .36        |
| 53951   | (a)       | (a)        | 56653      | .087      | (a)        | 57725   | .053      | .07        | 58756      | .031      | (a)        |
| 53952   | (a)       | (a)        | 56654      | .044      | (a)        | 57726   | .041      | .022       | 58757      | .119      | (a)        |
| 53953   | (a)       | (a)        | 56690      | .03       | .26        | 57798   | .008      | (a)        | 58759      | .015      | (a)        |
| 54012   | .021      | —          | 56699      | .022      | .059       | 57800   | .03       | (a)        | 58802      | .017      | .32        |
| 54077   | .036      | .30        | 56758      | .019      | .11        | 57808   | .02       | (a)        | 58813      | .077      | (a)        |
| 54444   | (a)       | (a)        | 56759      | .019      | .069       | 57809   | .021      | (a)        | 58822      | .046      | (a)        |
| 55010   | .108      | .61        | 56760      | .028      | .077       | 57810   | .02       | .089       | 58837      | .154      | .128       |
| 55011   | .029      | 1.73       | 56805      | .036      | (a)        | 57871   | .024      | .073       | 58840      | .046      | .092       |
| 55012   | .035      | .86        | 56806      | .026      | (a)        | 57913   | .038      | .182       | 58873      | .074      | .018       |
| 55013   | .067      | 1.00       | 56807      | .026      | (a)        | 57997   | .046      | —          | 58903      | .011      | (a)        |
| 55014   | (a)       | (a)        | 56808      | .033      | (a)        | 57998   | .017      | .044       | 58904      | .008      | .089       |
| 55214   | .028      | .062       | 56900      | .032      | (a)        | 57999   | .033      | .055       | 58922      | .123      | .176       |
| 55371   | .133      | .082       | 56910      | .016      | (a)        | 58009   | .033      | (a)        | 59005      | .02       | .055       |
| 55410   | (a)       | (a)        | 56911      | .065      | (a)        | 58010   | .04       | (a)        | 59057      | .148      | (a)        |
| 55426   | .081      | (a)        | 56912      | .053      | .082       | 58020   | .076      | (a)        | 59058      | .096      | (a)        |
| 55597   | .007      | 1.22       | 56913      | .043      | (a)        | 58056   | .047      | (a)        | 59188      | .151      | .039       |
| 55647   | .014      | .07        | 56915      | .25       | (a)        | 58057   | .03       | (a)        | 59189      | .206      | .207       |
| 55648   | .006      | (a)        | 56916      | .23       | .26        | 58058   | .027      | (a)        | 59223      | .076      | .118       |
| 55649   | .008      | (a)        | 56917      | .066      | (a)        | 58095   | .038      | 1.05       | 59257      | .005      | .008       |

## DIVISION SIX

PREM/OPS TERR. 503

## GENERAL LIABILITY

PROD/COPS

## LOSS COST PAGES

| \$100,000/200,000 BASIC LIMIT OCCURRENCE<br>Premises/Operations (Prem/Ops) (Subline Code 334) Territory 503<br>Products/Completed Operations (Prod/Cops) (Subline Code 336) Entire State Territory 999 |           |            |            |           |            |            |           |            |            |           |            |
|--|-----------|------------|------------|-----------|------------|------------|-----------|------------|------------|-----------|------------|
| Class Code   | Prem/ Ops | Prod/ Cops | Class Code | Prem/ Ops | Prod/ Cops | Class Code | Prem/ Ops | Prod/ Cops | Class Code | Prem/ Ops | Prod/ Cops |
| 59306  | .034      | (a)        | 59923      | .004      | .004       | 62003      | 17.50     | —          | 91125      | 1.88      | 1.83       |
| 59378  | .05       | .103       | 59925      | .199      | 1.11       | 63010      | 54.10     | —          | 91127      | .87       | 1.15       |
| 59481  | .091      | .081       | 59926      | .169      | .57        | 63011      | 67.70     | —          | 91130      | .77       | —          |
| 59482  | .157      | (a)        | 59927      | .114      | .88        | 63012      | 96.30     | —          | 91135      | .215      | (a)        |
| 59537  | .053      | .207       | 59931      | .07       | .32        | 63013      | 91.20     | —          | 91150      | .82       | 5.10       |
| 59601  | .034      | 1.44       | 59932      | .075      | .57        | 63215      | 57.80     | —          | 91155      | 1.82      | 25.90      |
| 59647  | .07       | .118       | 59941      | .023      | (a)        | 63216      | 40.10     | —          | 91160      | .76       | —          |
| 59660  | .063      | .55        | 59947      | .034      | .214       | 63217      | 33.60     | —          | 91175      | .65       | —          |
| 59661  | .031      | (a)        | 59955      | .009      | .098       | 63218      | 11.30     | —          | 91177      | 2.85      | —          |
| 59693  | .005      | —          | 59963      | .067      | .26        | 63219      | (a)       | —          | 91179      | 2.86      | —          |
| 59695  | (a)       | (a)        | 59964      | .156      | .052       | 63220      | (a)       | —          | 91190      | 1.54      | (a)        |
| 59701  | .003      | .36        | 59970      | .046      | .121       | 64074      | 15.50     | —          | 91200      | .44       | —          |
| 59713  | .056      | .247       | 59973      | .043      | (a)        | 64075      | 10.90     | —          | 91210      | (a)       | —          |
| 59722  | .029      | .019       | 59975      | .064      | .099       | 64500      | (a)       | —          | 91235      | 1.00      | 2.25       |
| 59723  | .011      | .025       | 59977      | .037      | (a)        | 65007      | 35.20     | —          | 91250      | 1.51      | (a)        |
| 59724  | .017      | .016       | 59984      | .012      | .034       | 66122      | 15.10     | —          | 91265      | 9.44      | 3.27       |
| 59725  | .021      | .094       | 59985      | .046      | (a)        | 66123      | 8.32      | —          | 91266      | 4.99      | .87        |
| 59726  | .015      | .02        | 59986      | .035      | (a)        | 66309      | 24.30     | —          | 91280      | (a)       | 2.59       |
| 59738  | .049      | .043       | 59988      | .016      | .041       | 66561      | 56.30     | —          | 91302      | 7.61      | (a)        |
| 59750  | .04       | .106       | 59989      | .006      | .031       | 67017      | 52.20     | —          | 91315      | 2.31      | —          |
| 59751  | .014      | (a)        | 60010      | 30.10     | —          | 67508      | 35.50     | —          | 91324      | 5.14      | (a)        |
| 59773  | .009      | .019       | 60011      | 34.60     | —          | 67509      | 26.00     | —          | 91325      | (a)       | (a)        |
| 59774  | .007      | .105       | 60012      | 56.90     | —          | 67510      | 14.50     | —          | 91340      | 3.36      | 7.50       |
| 59775  | .009      | .133       | 60013      | 48.70     | —          | 67511      | 15.70     | —          | 91341      | 3.27      | 3.90       |
| 59781  | .035      | .049       | 60015      | 36.40     | —          | 67512      | 67.10     | —          | 91342      | 3.08      | 3.60       |
| 59782  | .051      | .63        | 60016      | 40.90     | —          | 67513      | 42.60     | —          | 91343      | .72       | 1.45       |
| 59783  | .05       | (a)        | 60035      | 39.60     | —          | 67634      | 45.20     | —          | 91405      | 3.91      | —          |
| 59784  | .038      | (a)        | 61000      | 29.80     | —          | 67635      | 32.00     | —          | 91436      | 3.70      | 2.10       |
| 59790  | .038      | (a)        | 61212      | 20.20     | —          | 68001      | 97.60     | —          | 91481      | 13.50     | —          |
| 59798  | .131      | .29        | 61216      | 22.50     | —          | 68439      | 126.00    | —          | 91507      | 1.99      | 3.00       |
| 59806  | .094      | (a)        | 61217      | 20.50     | —          | 68500      | 6.62      | —          | 91523      | 30.70     | —          |
| 59867  | .042      | (a)        | 61218      | 14.00     | —          | 68604      | 2.35      | —          | 91547      | .174      | —          |
| 59886  | .006      | .072       | 61223      | 99.30     | —          | 68606      | 9.17      | —          | 91551      | 1.08      | .69        |
| 59889  | .029      | .176       | 61224      | 31.60     | —          | 68607      | 7.25      | —          | 91555      | .60       | .97        |
| 59892  | .05       | (a)        | 61225      | 43.90     | —          | 68702      | 5.97      | —          | 91560      | 2.76      | 4.35       |
| 59904  | .034      | .11        | 61226      | 73.90     | —          | 68703      | 4.47      | —          | 91562      | 2.41      | —          |
| 59905  | .026      | .10        | 61227      | 67.60     | —          | 68706      | 19.20     | —          | 91577      | 8.62      | 3.15       |
| 59914  | .155      | .58        | 62000      | 15.40     | —          | 68707      | 19.00     | —          | 91580      | 3.64      | —          |
| 59915  | .113      | .51        | 62001      | 12.10     | —          | 90089      | 3.13      | —          | 91581      | (a)       | (a)        |
| 59917  | .021      | .195       | 62002      | 5.55      | —          | 91111      | 1.29      | 5.55       | 91582      | (a)       | (a)        |

| \$100,000/200,000 BASIC LIMIT OCCURRENCE<br>Premises/Operations (Prem/Ops) (Subline Code 334) Territory 503<br>Products/Completed Operations (Prod/Cops) (Subline Code 336) Entire State Territory 999 |           |            |            |           |            |            |           |            |            |           |            |
|--|-----------|------------|------------|-----------|------------|------------|-----------|------------|------------|-----------|------------|
| Class Code   | Prem/ Ops | Prod/ Cops | Class Code | Prem/ Ops | Prod/ Cops | Class Code | Prem/ Ops | Prod/ Cops | Class Code | Prem/ Ops | Prod/ Cops |
| 91583  | (a)       | (a)        | 94444      | (a)       | (a)        | 97223      | 1.00      | 2.75       | 98308      | .83       | 1.11       |
| 91584  | (a)       | (a)        | 94569      | 2.13      | 3.90       | 97308      | .39       | —          | 98309      | 3.31      | 2.45       |
| 91585  | (a)       | (a)        | 94590      | 9.18      | —          | 97447      | 1.27      | 5.10       | 98344      | .52       | .85        |
| 91586  | (a)       | (a)        | 94617      | 2.90      | —          | 97501      | (a)       | —          | 98405      | .86       | —          |
| 91587  | (a)       | (a)        | 94638      | (a)       | —          | 97502      | (a)       | —          | 98413      | 10.40     | (a)        |
| 91588  | (a)       | (a)        | 95124      | 1.07      | 1.47       | 97503      | (a)       | —          | 98414      | 9.56      | (a)        |
| 91589  | (a)       | (a)        | 95233      | 2.29      | —          | 97504      | (a)       | —          | 98415      | 1.26      | (a)        |
| 91590  | 2.50      | —          | 95305      | 2.49      | —          | 97650      | 2.65      | 3.60       | 98423      | 2.99      | (a)        |
| 91591  | (a)       | (a)        | 95306      | 3.03      | —          | 97651      | 3.75      | 4.35       | 98424      | 5.07      | (a)        |
| 91606  | 7.56      | —          | 95310      | 5.94      | 1.17       | 97652      | 3.26      | 4.65       | 98425      | 2.08      | (a)        |
| 91618  | (a)       | (a)        | 95357      | .77       | —          | 97653      | 2.27      | 3.00       | 98426      | 1.84      | (a)        |
| 91629  | 1.55      | (a)        | 95358      | (a)       | —          | 97654      | 3.95      | 2.85       | 98427      | 1.79      | —          |
| 91636  | 2.65      | —          | 95410      | 3.21      | 2.70       | 97655      | 2.90      | 4.20       | 98428      | (a)       | —          |
| 91641  | .72       | (a)        | 95455      | 3.20      | 1.65       | 98002      | .52       | .94        | 98429      | .69       | —          |
| 91666  | .67       | (a)        | 95487      | 1.72      | (a)        | 98003      | .71       | (a)        | 98430      | (a)       | —          |
| 91722  | 2.32      | (a)        | 95505      | 1.49      | 2.10       | 98090      | .095      | —          | 98449      | 2.57      | 28.50      |
| 91746  | 2.41      | 5.55       | 95620      | 1.40      | (a)        | 98091      | .104      | —          | 98482      | 2.76      | 6.15       |
| 91805  | .151      | —          | 95625      | 3.63      | 3.60       | 98092      | .31       | —          | 98483      | 4.07      | 15.00      |
| 92053  | .37       | .76        | 95630      | (a)       | (a)        | 98111      | .25       | —          | 98502      | 3.90      | 3.60       |
| 92054  | .128      | .29        | 95647      | 1.21      | 5.55       | 98150      | (a)       | —          | 98555      | 1.81      | —          |
| 92055  | 3.57      | .29        | 95648      | (a)       | (a)        | 98151      | (a)       | —          | 98597      | .41       | —          |
| 92101  | 5.58      | 3.00       | 96053      | .92       | 4.20       | 98152      | 1.77      | .50        | 98598      | .14       | —          |
| 92102  | 3.36      | 3.30       | 96317      | .80       | —          | 98153      | 1.99      | (a)        | 98601      | 4.66      | (a)        |
| 92215  | 1.44      | 3.00       | 96408      | 2.78      | 11.80      | 98154      | 2.35      | (a)        | 98622      | (a)       | —          |
| 92338  | 1.29      | 1.95       | 96409      | 2.57      | 8.36       | 98155      | 3.28      | (a)        | 98623      | (a)       | —          |
| 92445  | 1.52      | —          | 96410      | 2.26      | 8.25       | 98156      | (a)       | (a)        | 98624      | .73       | —          |
| 92446  | 4.25      | 1.80       | 96611      | .77       | 1.39       | 98157      | 2.10      | .33        | 98636      | 1.23      | 3.45       |
| 92447  | 3.71      | 1.48       | 96702      | 3.20      | (a)        | 98158      | (a)       | (a)        | 98640      | 80.40     | —          |
| 92451  | 1.00      | 2.25       | 96703      | (a)       | —          | 98159      | 1.41      | (a)        | 98658      | 3.39      | —          |
| 92453  | 2.35      | —          | 96816      | 3.00      | —          | 98160      | 2.98      | (a)        | 98659      | .61       | .38        |
| 92478  | 1.16      | 1.65       | 96872      | 2.84      | (a)        | 98161      | 3.34      | (a)        | 98677      | 12.70     | 9.90       |
| 92593  | 13.20     | —          | 96930      | (a)       | —          | 98162      | (a)       | (a)        | 98678      | 11.30     | 13.00      |
| 92663  | .36       | —          | 97002      | (a)       | (a)        | 98163      | 3.50      | .192       | 98698      | (a)       | (a)        |
| 94007  | 7.97      | 4.80       | 97003      | (a)       | (a)        | 98164      | .85       | .066       | 98699      | 3.66      | (a)        |
| 94099  | 1.81      | —          | 97047      | 2.34      | —          | 98257      | 1.07      | —          | 98705      | 4.80      | —          |
| 94225  | 6.39      | —          | 97050      | 1.82      | —          | 98303      | 6.59      | 6.68       | 98710      | 2.55      | —          |
| 94276  | 3.33      | 4.20       | 97111      | 3.84      | —          | 98304      | 3.97      | 4.01       | 98751      | 2.57      | —          |
| 94304  | 1.28      | (a)        | 97220      | .207      | (a)        | 98305      | 1.88      | 2.00       | 98805      | 3.33      | 1.54       |
| 94381  | 2.40      | 10.40      | 97221      | (a)       | 1.22       | 98306      | 4.84      | 1.09       | 98806      | 1.15      | 3.45       |
| 94404  | 3.15      | 4.04       | 97222      | .66       | 1.74       | 98307      | 1.26      | .60        | 98810      | 2.65      | —          |

| \$100,000/200,000 BASIC LIMIT OCCURRENCE<br>Premises/Operations (Prem/Ops) (Subline Code 334) Territory 503<br>Products/Completed Operations (Prod/Cops) (Subline Code 336) Entire State Territory 999 |          |           |            |          |           |            |          |           |            |          |           |
|--|----------|-----------|------------|----------|-----------|------------|----------|-----------|------------|----------|-----------|
| Class Code   | Prem/Ops | Prod/Cops | Class Code | Prem/Ops | Prod/Cops | Class Code | Prem/Ops | Prod/Cops | Class Code | Prem/Ops | Prod/Cops |
| 98813  | 2.56     | 2.23      | 99620      | .35      | —         |            |          |           |            |          |           |
| 98820  | 6.35     | 3.45      | 99650      | .54      | 1.00      |            |          |           |            |          |           |
| 98871  | (a)      | (a)       | 99709      | 1.34     | (a)       |            |          |           |            |          |           |
| 98884  | 1.65     | 2.10      | 99718      | 1.02     | —         |            |          |           |            |          |           |
| 98914  | .41      | .52       | 99746      | 1.73     | 3.15      |            |          |           |            |          |           |
| 98949  | .58      | .30       | 99760      | .198     | —         |            |          |           |            |          |           |
| 98967  | 2.59     | 11.40     | 99777      | 4.59     | —         |            |          |           |            |          |           |
| 98993  | 2.36     | 3.55      | 99793      | 2.20     | —         |            |          |           |            |          |           |
| 99003  | 1.23     | 1.36      | 99798      | (a)      | (a)       |            |          |           |            |          |           |
| 99004  | 2.13     | 1.50      | 99803      | (a)      | 8.29      |            |          |           |            |          |           |
| 99080  | .87      | 7.05      | 99826      | .52      | .78       |            |          |           |            |          |           |
| 99081  | (a)      | —         | 99827      | .31      | .69       |            |          |           |            |          |           |
| 99082  | (a)      | —         | 99851      | 1.28     | —         |            |          |           |            |          |           |
| 99083  | (a)      | —         | 99917      | 2.07     | —         |            |          |           |            |          |           |
| 99084  | (a)      | (a)       | 99938      | 2.33     | —         |            |          |           |            |          |           |
| 99085  | (a)      | (a)       | 99943      | 6.75     | —         |            |          |           |            |          |           |
| 99111  | 1.27     | —         | 99946      | 5.02     | 2.33      |            |          |           |            |          |           |
| 99160  | (a)      | —         | 99948      | 2.84     | 22.30     |            |          |           |            |          |           |
| 99163  | 3.02     | .38       | 99952      | 3.88     | 17.60     |            |          |           |            |          |           |
| 99165  | .66      | (a)       | 99953      | 4.19     | 10.70     |            |          |           |            |          |           |
| 99220  | .91      | (a)       | 99954      | 3.05     | 13.80     |            |          |           |            |          |           |
| 99221  | (a)      | (a)       | 99955      | 3.82     | 11.40     |            |          |           |            |          |           |
| 99222  | 1.71     | (a)       | 99963      | .50      | —         |            |          |           |            |          |           |
| 99223  | .186     | (a)       | 99969      | 1.66     | 2.47      |            |          |           |            |          |           |
| 99303  | 10.10    | —         | 99975      | 3.39     | —         |            |          |           |            |          |           |
| 99310  | 2.54     | (a)       | 99986      | (a)      | —         |            |          |           |            |          |           |
| 99315  | 7.46     | 1.95      | 99987      | (a)      | —         |            |          |           |            |          |           |
| 99321  | 7.23     | 2.25      | 99988      | 1.46     | —         |            |          |           |            |          |           |
| 99445  | (a)      | (a)       |            |          |           |            |          |           |            |          |           |
| 99471  | .41      | —         |            |          |           |            |          |           |            |          |           |
| 99505  | 1.99     | —         |            |          |           |            |          |           |            |          |           |
| 99506  | 2.45     | —         |            |          |           |            |          |           |            |          |           |
| 99507  | 2.14     | —         |            |          |           |            |          |           |            |          |           |
| 99570  | 1.15     | (a)       |            |          |           |            |          |           |            |          |           |
| 99571  | .28      | (a)       |            |          |           |            |          |           |            |          |           |
| 99572  | .54      | (a)       |            |          |           |            |          |           |            |          |           |
| 99573  | .52      | (a)       |            |          |           |            |          |           |            |          |           |
| 99600  | .92      | —         |            |          |           |            |          |           |            |          |           |
| 99613  | 6.41     | 2.25      |            |          |           |            |          |           |            |          |           |
| 99614  | 2.06     | —         |            |          |           |            |          |           |            |          |           |