

LOSS COSTS – IMPLEMENTATION

JULY 10, 2023

GENERAL LIABILITY

LI-GL-2023-153

ARIZONA GENERAL LIABILITY ADVISORY PROSPECTIVE LOSS COST REVISION TO BE IMPLEMENTED

KEY MESSAGE

Revised overall prospective loss costs for +0.6% to be implemented.

BACKGROUND

In circular [LI-GL-2023-108](#), we provided you with information about the General Liability loss cost level experience review.

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.

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.

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.

EFFECTIVE DATE

The ISO revision is subject to the following rule of application:

These changes are applicable to all policies written on or after January 1, 2024.

This effective date applies only to those insurers who have filed their Commercial General Liability loss cost adjustments to be automatically applicable to future ISO loss cost revisions.

IMPACT ON THE STATISTICAL REPORTING OF LOSS COST MULTIPLIER

For the purpose of reporting your company Loss Cost Multiplier under the CSP, as of January 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.

COMPANY ACTION

You must independently determine the final rates you will use. The action, if any, you must take in response to this filing is dependent upon how you filed to have your loss cost adjustments apply to subsequent revisions of ISO loss costs. Any submission you make with respect to this revision must comply with applicable regulatory filing requirements.

For guidance on submission requirements, consult the ISO State Filing Handbook.

WE WILL SUBMIT OUR REFERENCE FILING TO THE INSURANCE DEPARTMENT ON NOVEMBER 29, 2023. ANY SUBMISSION YOU MAY MAKE WITH THE INSURANCE DEPARTMENT WITH RESPECT TO THIS FILING SHOULD NOT BE SUBMITTED PRIOR TO THIS DATE.

In all correspondence with the Insurance Department on this revision, you should refer to ISO Filing Number GL-2023-BGL1 and SERFF Tracking Number ISOF-133728664, NOT this circular number.

CAUTION: This reference filing revises only certain advisory prospective loss costs for General Liability in this state. In determining whether or not to revise your rates, you should consider the application of your loss cost adjustments to any loss costs not included in this revision.

RATING SOFTWARE IMPACT

No new attributes are being introduced with this revision.

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.

REVISION DISTRIBUTION

We will issue a Notice to Manualholders with an edition date of 1-24 (or the earliest possible subsequent date), along with any new and/or revised manual pages.

REFERENCE(S)

- [LI-GL-2023-108](#) (05/10/2023) General Liability Basic Limit Experience For 2023 Group 2 Jurisdictions Reviewed By Staff
- [LI-CL-2023-005](#) (02/21/2023) Commercial Lines Revised Lead Time Requirements Listing

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.

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.

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

PURPOSE

This document:

- revises current advisory prospective loss costs for Premises/Operations and Products/Completed Operations classes. These loss costs represent a +0.6% 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.
-

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.

CONSIDERATION
OF COVID-19

In GL-2021-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.

LOSS COST
LEVEL CHANGES

The statewide advisory loss cost level changes are:

<u>SUBLINE</u>	<u>INDICATED</u>	<u>SELECTED</u>
M&C	-9.4%	-9.4%
OL&T	+12.1%	+12.1%
Premises/Operations	+2.5%	+2.5%
Products	-15.6%	-15.6%
Local Products/Completed Operations	-4.3%	-4.3%
Products/Completed Operations	-6.1%	-6.1%
GL Overall	+0.6%	+0.6%

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 .

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 3/31/2022 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 1/1/2024. 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.

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

ADJUSTMENTS
TO
REPORTED
EXPERIENCE
(CONT'D)

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. Liberty Mutual Insurance Co.	3. Cincinnati Insurance Co.
4. Zurich American Insurance Co.	4. Travelers Indemnity Co.
5. Cincinnati Insurance Co.	5. Continental Casualty Co.
6. XL Specialty Insurance Co.	6. Liberty Mutual Insurance Co.
7. Tokio Marine Cos	7. Zurich American Insurance Co.
8. Selective Insurance Group	8. United Fire & Casualty Co.
9. Admiral Insurance Co	9. Nationwide Mutual Insurance Co.
10. United Services Auto Association	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)	23.9%
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.

COMPANY
DECISION
(CONT'D)

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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ARIZONA
PRIOR REVISIONS

The latest implemented revisions in this state are:

Document: GL-2022-BGL1

<u>Coverage</u>	<u>Effective Date</u>	<u>Loss Cost Level Changes</u>		
		<u>Indicated</u>	<u>Selected</u>	<u>Implemented</u>
M&C		-8.8%	-8.8%	-8.8%
OL&T		+5.9%	+5.9%	+5.9%
Prem/Ops Combined		-0.5%	-0.5%	-0.5%
Products		-4.1%	-4.1%	-4.1%
Local Products/Completed Ops		-13.3%	-13.3%	-13.3%
Products/Completed Operations		-11.5%	-11.5%	-11.5%
General Liability Overall	1/1/2023	-3.2%	-3.2%	-3.2%

Document: GL-2021-BGL1

<u>Coverage</u>	<u>Effective Date</u>	<u>Loss Cost Level Changes</u>		
		<u>Indicated</u>	<u>Selected</u>	<u>Implemented</u>
M&C		+11.1%	+7.5%	+7.5%
OL&T		+16.6%	+15.5%	+15.5%
Prem/Ops Combined		+14.4%	+12.2%	+12.2%
Products		-3.4%	-3.4%	-3.4%
Local Products/Completed Ops		+0.7%	+0.7%	+0.7%
Products/Completed Operations		+0.1%	+0.1%	+0.1%
General Liability Overall	9/1/2021	+10.5%	+9.0%	+9.0%

Document: GL-2020-BGL1

<u>Coverage</u>	<u>Effective Date</u>	<u>Loss Cost Level Changes</u>		
		<u>Indicated</u>	<u>Selected</u>	<u>Implemented</u>
M&C		-2.6%	-2.6%	-2.6%
OL&T		+10.5%	+10.5%	+10.5%
Prem/Ops Combined		+5.0%	+5.0%	+5.0%
Products		0.0%	0.0%	0.0%
Local Products/Completed Ops		+2.0%	+2.0%	+2.0%
Products/Completed Operations		+1.7%	+1.7%	+1.7%
General Liability Overall	9/1/2020	+4.2%	+4.2%	+4.2%

**ARIZONA
GENERAL LIABILITY
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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.

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.

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.

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-2022-BGL1 filing 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 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.

METHODOLOGY OVERVIEW
OVERVIEW OF ISO ACTUARIAL PROCEDURES - GENERAL LIABILITY

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

EXPERIENCE 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 EXPERIENCE 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- WEIGHTED EXPERIENCE 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/ 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.
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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.

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.

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 March 31, 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^{th} type of policy;

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

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

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

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

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

j^{th} class group and k^{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^{th} type of policy;

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

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

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

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

and j^{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^{th} type of policy;

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

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

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

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

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

j^{th} class group and k^{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 versus the

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

policy and class group, and $Z = \sqrt{P/5,500}$ 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.

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.

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 June 30, 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 3/31/2022 and 3/31/2021 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 March 31, 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.

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.

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 June 30, 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 3/31/2022, 3/31/2021, 3/31/2020, and 3/31/2019 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.

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 March 31, 2022 evaluated as of June 30, 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/ COMPLETED 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 Year	171 to 183 Months	183 to 195 Months	195 to 207 Months	207 to 219 Months	219 to 231 Months	231 to 243 Months	243 Months To Ultimate 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.

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.

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 12/31/2008 - 12/31/2021. 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 (year ending 12/31/2020 and year ending 12/31/2021) when making selections given that this pandemic impacted period may not be a good indicator of future experience.

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
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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.

LOSS COST ADJUSTMENTS GENERAL LIABILITY

In GL-2021-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%

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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 Selected Loss Cost Level Changes	Manufacturers And Contractors	Owners, Landlords and Tenants	Overall Premises/ Operations	Products	Local Products/ Completed Operations	Products/ Completed Operations	Overall General Liability Other Than Professional
Statewide Indicated Monoline-Multiline Loss Cost Level Change (See Section B)	- 7.8%	+ 7.6%	+ 0.8%				
Statewide Indicated Monoline Loss Cost Level Change (See Section B)	- 9.4%	+ 12.1%	+ 2.5%	- 15.6%*	- 4.3%**	- 6.1%	+ 0.6%
Statewide Selected Monoline Loss Cost Level Change	- 9.4%	+ 12.1%	+ 2.5%	- 15.6%*	- 4.3%	- 6.1%	+ 0.6%

* 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.

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

<u>CODE</u>	<u>TERRITORY</u> <u>DESCRIPTION</u>	LATEST YEAR MONO/MULTI AGGREGATE LOSS COSTS AT CURRENT LEVEL (ALCCL)	INDICATED LOSS COST LEVEL CHANGE BEFORE CAPPING	LOSS COST LEVEL CHANGE AFTER CAPPING
502	Phoenix and Vicinity	\$10,291,208	+ 13.9%	+ 13.9%
503	Tucson	\$2,098,108	+ 12.1%	+ 12.1%
504	Remainder of State	\$8,265,037	+ 9.9%	+ 9.9%
	STATEWIDE TOTAL	\$20,654,353	+ 12.1%	+ 12.1%

ARIZONA
PREMISES/OPERATIONS
CLASS GROUP LOSS COST LEVEL CHANGES

MANUFACTURERS AND CONTRACTORS LIABILITY INSURANCE

CLASS GROUP	DESCRIPTION	LATEST YEAR MONO/MULTI ALCCL	INDICATED LOSS COST LEVEL CHANGE BEFORE CAPPING	LOSS COST LEVEL CHANGE AFTER CAPPING
30	SERVICE	\$ 1,535,245	- 9.1%	- 9.9%
31	LIGHT CONTRACTING	\$ 2,248,785	- 8.6%	- 9.5%
32	MEDIUM CONTRACTING	\$ 6,276,353	- 7.5%	- 8.4%
33	HEAVY CONTRACTING	\$ 1,943,922	- 9.3%	- 10.2%
34	DEALERS OR DISTRIBUTORS	\$ 1,517,309	- 8.7%	- 6.4%
35	LIGHT MANUFACTURERS	\$ 175,047	- 12.5%	- 10.3%
36	MEDIUM MANUFACTURERS	\$ 1,110,087	- 14.5%	- 12.0%
37	HEAVY MANUFACTURERS	\$ 834,956	- 18.6%	- 16.3%
38	MISCELLANEOUS OPERATIONS	\$ 889,751	- 11.2%	- 9.0%
	TOTAL	\$ 16,531,454	- 9.4%	- 9.4%

OWNERS, LANDLORDS AND TENANTS LIABILITY INSURANCE

CLASS GROUP	DESCRIPTION	LATEST YEAR MONO/MULTI ALCCL	INDICATED LOSS COST LEVEL CHANGE BEFORE CAPPING	LOSS COST LEVEL CHANGE AFTER CAPPING
01	FOOD AND BEVERAGE (RETAIL)	\$ 403,485	+ 11.3%	+ 10.9%
02	RESTAURANTS	\$ 2,846,595	+ 6.5%	+ 6.5%
03	STORES	\$ 1,392,506	+ 8.0%	+ 7.7%
04	VENDING AND RENTAL	\$ 69,718	+ 13.1%	+ 12.4%
05	FOOD AND BEVERAGE DISTRIBUTORS	\$ 251,637	+ 12.0%	+ 10.3%
06	NON-(FOOD AND BEVERAGE) DISTRIB.	\$ 527,820	+ 11.7%	+ 12.3%
07	CLUBS, AMUSEMENTS AND SPORTS	\$ 3,305,460	+ 22.5%	+ 21.6%
08	HEALTH CARE FACILITIES	\$ 473,435	+ 13.5%	+ 14.0%
09	HOTELS AND MOTELS	\$ 1,304,424	+ 18.0%	+ 17.8%
10	SCHOOLS AND CHURCHES	\$ 2,128,113	+ 9.7%	+ 9.6%
11	APARTMENTS	\$ 2,313,840	+ 9.8%	+ 9.8%
12	BUILDINGS AND OFFICES	\$ 5,427,672	+ 10.0%	+ 10.8%
13	MISCELLANEOUS PREMISES	\$ 207,300	+ 16.3%	+ 16.8%
16	GOVERNMENTAL SUBDIVISIONS	\$ 2,347	+ 9.6%	+ 6.6%
	TOTAL	\$ 20,654,353	+ 12.1%	+ 12.1%

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

CLASS GROUP	DESCRIPTION	LATEST YEAR MULTISTATE MONO/MULTI ALCCL AT MULTISTATE LEVEL	INDICATED MULTISTATE LOSS COST LEVEL CHANGE	LATEST YEAR STATEWIDE MONO/MULTI ALCCL AT CURRENT LEVEL	INDICATED STATEWIDE LOSS COST LEVEL CHANGE	SELECTED STATEWIDE LOSS COST LEVEL CHANGE
03	MANUFACTURERS, DEALERS OR DISTRIBUTORS- FOOD OR DRUG	\$ 28,571,513	- 16.9%	\$ 437,652	- 25.1%	- 25.1%
04	DEALERS OR DISTRIBUTORS-NOT FOOD OR DRUG	\$ 38,212,336	- 12.1%	\$ 551,051	- 11.3%	- 11.3%
05	MANUFACTURERS-NOT FOOD OR DRUG-LOW	\$ 4,439,588	- 13.4%	\$ 87,032	- 11.4%	- 11.4%
06	MANUFACTURERS-NOT FOOD OR DRUG-MEDIUM	\$ 34,541,014	- 14.6%	\$ 599,512	- 13.6%	- 13.6%
07	MANUFACTURERS-NOT FOOD OR DRUG-HIGH	\$ 8,255,091	- 15.8%	\$ 57,248	- 12.7%	- 12.7%
	PRODUCTS SUBTOTAL	\$ 114,019,542	- 14.4%	\$ 1,732,495	- 15.6%	- 15.6%
01	RETAIL STORES-FOOD OR DRUG			\$ 158,336	+ 12.9%	+ 12.9%
02	RETAIL STORES-NOT FOOD OR DRUG			\$ 527,053	- 2.8%	- 2.8%
11	COMPLETED OPERATIONS-LOW			\$ 681,213	- 0.1%	- 0.1%
12	COMPLETED OPERATIONS-MEDIUM			\$ 7,249,391	- 5.2%	- 5.2%
13	COMPLETED OPERATIONS-HIGH			\$ 453,799	- 4.7%	- 4.7%
	LOCAL PRODUCTS/COMPLETED OPERATIONS SUBTOTAL			\$ 9,069,793	- 4.3%	- 4.3%
	TOTAL			\$ 10,802,288	- 6.1%	- 6.1%

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 +37% 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 -24% 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: 0.990 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 Loss Cost	Present Loss Cost	Percent Change	Capping Flag	Class	Terr	Proposed Loss Cost	Present Loss Cost	Percent Change	Capping Flag	Class	Terr	Proposed Loss Cost	Present Loss Cost	Percent Change	Capping Flag
10010	502	0.214	0.187	+14.4		10054	504	9.080	7.620	+19.2		10107	503	2.050	2.190	-6.4	
10010	503	0.173	0.155	+11.6		10060	502	0.330	0.300	+10.0		10107	504	2.080	2.250	-7.6	
10010	504	0.245	0.225	+8.9		10060	503	0.105	0.098	+7.1		10110	502	52.300	41.800	+25.1	
10011	502	0.051	0.045	+13.3		10060	504	0.290	0.270	+7.4		10110	503	46.300	37.700	+22.8	
10011	503	0.041	0.037	+10.8		10065	502	0.490	0.440	+11.4		10110	504	50.400	42.300	+19.1	
10011	504	0.059	0.054	+9.3		10065	503	0.158	0.147	+7.5		10111	502	0.270	0.234	+15.4	
10012	502	0.059	0.052	+13.5		10065	504	0.430	0.410	+4.9		10111	503	0.217	0.194	+11.9	
10012	503	0.048	0.043	+11.6		10066	502	0.500	0.450	+11.1		10111	504	0.310	0.280	+10.7	
10012	504	0.068	0.062	+9.7		10066	503	0.161	0.150	+7.3		10113	502	0.660	0.600	+10.0	
10015	502	15.400	12.300	+25.2		10066	504	0.440	0.420	+4.8		10113	503	0.214	0.198	+8.1	
10015	503	13.600	11.100	+22.5		10070	502	0.122	0.107	+14.0		10113	504	0.580	0.560	+3.6	
10015	504	14.800	12.400	+19.4		10070	503	0.099	0.089	+11.2		10115	502	1.320	1.190	+10.9	
10025	502	0.051	0.045	+13.3		10070	504	0.140	0.129	+8.5		10115	503	0.420	0.390	+7.7	
10025	503	0.041	0.037	+10.8		10071	502	0.590	0.530	+11.3		10115	504	1.160	1.100	+5.5	
10025	504	0.059	0.054	+9.3		10071	503	0.189	0.175	+8.0		10117	502	15.300	12.200	+25.4	
10026	502	1.190	1.080	+10.2		10071	504	0.520	0.490	+6.1		10117	503	13.500	11.000	+22.7	
10026	503	0.380	0.360	+5.6		10072	502	2.750	3.000	-8.3		10117	504	14.700	12.300	+19.5	
10026	504	1.050	1.000	+5.0		10072	503	2.900	3.190	-9.1		10120	502	34.300	27.400	+25.2	
10027	502	0.051	0.045	+13.3		10072	504	3.200	3.550	-9.9		10120	503	30.300	24.700	+22.7	
10027	503	0.041	0.037	+10.8		10073	502	0.820	0.870	-5.7		10120	504	33.000	27.700	+19.1	
10027	504	0.059	0.054	+9.3		10073	503	0.670	0.720	-6.9		10130	502	6.520	5.900	+10.5	
10036	502	0.530	0.560	-5.4		10073	504	0.680	0.730	-6.8		10130	503	2.110	1.950	+8.2	
10036	503	0.430	0.460	-6.5		10075	502	6.080	6.440	-5.6		10130	504	5.750	5.480	+4.9	
10036	504	0.440	0.470	-6.4		10075	503	4.970	5.310	-6.4		10132	502	5.620	5.080	+10.6	
10040	502	0.163	0.142	+14.8		10075	504	5.050	5.450	-7.3		10132	503	1.810	1.680	+7.7	
10040	503	0.132	0.118	+11.9		10100	502	1.220	1.070	+14.0		10132	504	4.950	4.720	+4.9	
10040	504	0.187	0.171	+9.4		10100	503	0.830	0.750	+10.7		10133	502	6.800	5.890	+15.4	
10042	502	0.680	0.620	+9.7		10100	504	1.070	0.990	+8.1		10133	503	3.460	3.050	+13.4	
10042	503	0.220	0.204	+7.8		10101	502	0.440	0.400	+10.0		10133	504	5.500	4.990	+10.2	
10042	504	0.600	0.570	+5.3		10101	503	0.143	0.132	+8.3		10140	502	0.063	0.055	+14.5	
10052	502	10.600	8.500	+24.7		10101	504	0.390	0.370	+5.4		10140	503	0.028	0.025	+12.0	
10052	503	9.400	7.660	+22.7		10105	502	4.780	4.330	+10.4		10140	504	0.051	0.047	+8.5	
10052	504	10.200	8.590	+18.7		10105	503	1.540	1.430	+7.7		10141	502	0.126	0.110	+14.5	
10054	502	9.440	7.540	+25.2		10105	504	4.210	4.020	+4.7		10141	503	0.055	0.049	+12.2	
10054	503	8.340	6.800	+22.6		10107	502	2.500	2.650	-5.7		10141	504	0.101	0.093	+8.6	

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LOSS COST PERCENT CHANGE BY CLASS

Class	Terr	Proposed Loss	Present Cost	Percent Change	Capping Flag	Class	Terr	Proposed Loss	Present Cost	Percent Change	Capping Flag	Class	Terr	Proposed Loss	Present Cost	Percent Change	Capping Flag
10145	502	0.600	0.530	+13.2		10256	504	0.590	0.640	-7.8		10381	503	12.800	10.400	+23.1	
10145	503	0.270	0.238	+13.4		10257	502	0.135	0.143	-5.6		10381	504	14.000	11.700	+19.7	
10145	504	0.490	0.450	+8.9		10257	503	0.110	0.118	-6.8		11007	502	1.030	1.130	-8.8	
10146	502	0.540	0.480	+12.5		10257	504	0.112	0.121	-7.4		11007	503	1.090	1.200	-9.2	
10146	503	0.370	0.330	+12.1		10309	502	0.300	0.270	+11.1		11007	504	1.200	1.330	-9.8	
10146	504	0.480	0.440	+9.1		10309	503	0.096	0.089	+7.9		11020	502	0.560	0.500	+12.0	
10150	502	0.910	0.830	+9.6		10309	504	0.260	0.250	+4.0		11020	503	0.180	0.167	+7.8	
10150	503	0.290	0.270	+7.4		10315	502	0.700	0.630	+11.1		11020	504	0.490	0.470	+4.3	
10150	504	0.800	0.770	+3.9		10315	503	0.226	0.210	+7.6		11039	502	0.710	0.750	-5.3	
10151	502	23.000	20.800	+10.6		10315	504	0.620	0.590	+5.1		11039	503	0.580	0.620	-6.5	
10151	503	7.420	6.880	+7.8		10331	502	20.900	16.700	+25.1		11039	504	0.590	0.640	-7.8	
10151	504	20.200	19.300	+4.7		10331	503	18.400	15.000	+22.7		11052	502	7.070	6.120	+15.5	
10160	502	4.090	3.700	+10.5		10331	504	20.100	16.800	+19.6		11052	503	3.600	3.170	+13.6	
10160	503	1.320	1.230	+7.3		10332	502	36.000	28.700	+25.4		11052	504	5.720	5.190	+10.2	
10160	504	3.600	3.440	+4.7		10332	503	31.800	25.900	+22.8		11126	502	0.115	0.104	+10.6	
10204	502	0.410	0.370	+10.8		10332	504	34.600	29.100	+18.9		11126	503	0.037	0.035	+5.7	
10204	503	0.133	0.124	+7.3		10352	502	0.710	0.630	+12.7		11126	504	0.102	0.097	+5.2	
10204	504	0.360	0.350	+2.9		10352	503	0.480	0.430	+11.6		11127	502	0.680	0.600	+13.3	
10205	502	0.460	0.420	+9.5		10352	504	0.620	0.570	+8.8		11127	503	0.550	0.490	+12.2	
10205	503	0.149	0.138	+8.0		10367	502	2.430	2.650	-8.3		11127	504	0.780	0.720	+8.3	
10205	504	0.410	0.390	+5.1		10367	503	2.560	2.820	-9.2		11128	502	0.920	0.800	+15.0	
10210	502	0.740	0.670	+10.4		10367	504	2.830	3.140	-9.9		11128	503	0.740	0.670	+10.4	
10210	503	0.239	0.221	+8.1		10368	502	3.550	3.880	-8.5		11128	504	1.050	0.970	+8.2	
10210	504	0.650	0.620	+4.8		10368	503	3.750	4.120	-9.0		11138	502	5.210	4.160	+25.2	
10211	502	0.740	0.670	+10.4		10368	504	4.140	4.580	-9.6		11138	503	4.610	3.760	+22.6	
10211	503	0.239	0.221	+8.1		10378	502	21.100	16.900	+24.9		11138	504	5.020	4.210	+19.2	
10211	504	0.650	0.620	+4.8		10378	503	18.700	15.200	+23.0		11155	502	0.390	0.360	+8.3	
10220	502	8.680	7.850	+10.6		10378	504	20.300	17.100	+18.7		11155	503	0.127	0.118	+7.6	
10220	503	2.800	2.600	+7.7		10379	502	9.800	7.830	+25.2		11155	504	0.350	0.330	+6.1	
10220	504	7.650	7.290	+4.9		10379	503	8.660	7.060	+22.7		11167	502	1.630	1.410	+15.6	
10255	502	0.195	0.207	-5.8		10379	504	9.430	7.920	+19.1		11167	503	0.830	0.730	+13.7	
10255	503	0.159	0.170	-6.5		10380	502	16.700	13.400	+24.6		11167	504	1.320	1.200	+10.0	
10255	504	0.162	0.175	-7.4		10380	503	14.800	12.100	+22.3		11168	502	8.450	7.320	+15.4	
10256	502	0.710	0.760	-6.6		10380	504	16.100	13.500	+19.3		11168	503	4.310	3.790	+13.7	
10256	503	0.580	0.620	-6.5		10381	502	14.500	11.600	+25.0		11168	504	6.830	6.200	+10.2	

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LOSS COST PERCENT CHANGE BY CLASS

Class	Terr	Proposed Loss	Present Cost	Percent Change	Capping Flag	Class	Terr	Proposed Loss	Present Cost	Percent Change	Capping Flag	Class	Terr	Proposed Loss	Present Cost	Percent Change	Capping Flag
11201	502	9.050	9.870	-8.3		11213	504	1.360	1.500	-9.3		12361	503	0.060	0.054	+11.1	
11201	503	9.540	10.500	-9.1		11214	502	2.870	3.130	-8.3		12361	504	0.110	0.101	+8.9	
11201	504	10.500	11.700	-10.3		11214	503	3.030	3.330	-9.0		12362	502	0.134	0.118	+13.6	
11202	502	2.680	2.920	-8.2		11214	504	3.340	3.700	-9.7		12362	503	0.109	0.098	+11.2	
11202	503	2.820	3.100	-9.0		11222	502	0.048	0.053	-9.4		12362	504	0.154	0.142	+8.5	
11202	504	3.120	3.450	-9.6		11222	503	0.051	0.056	-8.9		12373	502	0.051	0.045	+13.3	
11203	502	1.590	1.390	+14.4		11222	504	0.056	0.062	-9.7		12373	503	0.041	0.037	+10.8	
11203	503	1.280	1.150	+11.3		11234	502	0.520	0.470	+10.6		12373	504	0.059	0.054	+9.3	
11203	504	1.820	1.670	+9.0		11234	503	0.168	0.155	+8.4		12374	502	1.130	1.030	+9.7	
11204	502	0.580	0.520	+11.5		11234	504	0.460	0.440	+4.5		12374	503	0.370	0.340	+8.8	
11204	503	0.186	0.173	+7.5		11248	502	0.037	0.039	-5.1		12374	504	1.000	0.950	+5.3	
11204	504	0.510	0.480	+6.3		11248	503	0.030	0.032	-6.3		12375	502	0.560	0.500	+12.0	
11206	502	0.420	0.460	-8.7		11248	504	0.031	0.033	-6.1		12375	503	0.180	0.167	+7.8	
11206	503	0.440	0.490	-10.2		11258	502	1.470	1.290	+14.0		12375	504	0.490	0.470	+4.3	
11206	504	0.490	0.540	-9.3		11258	503	1.000	0.900	+11.1		12391	502	0.101	0.088	+14.8	
11207	502	5.300	5.780	-8.3		11258	504	1.290	1.190	+8.4		12391	503	0.082	0.073	+12.3	
11207	503	5.590	6.150	-9.1		11259	502	1.570	1.390	+12.9		12391	504	0.116	0.106	+9.4	
11207	504	6.170	6.840	-9.8		11259	503	1.070	0.960	+11.5		12393	502	0.740	0.670	+10.4	
11208	502	0.910	0.990	-8.1		11259	504	1.380	1.270	+8.7		12393	503	0.239	0.221	+8.1	
11208	503	0.960	1.050	-8.6		11273	502	25.700	23.300	+10.3		12393	504	0.650	0.620	+4.8	
11208	504	1.060	1.170	-9.4		11273	503	8.300	7.700	+7.8		12467	502	0.310	0.280	+10.7	
11209	502	4.270	4.650	-8.2		11273	504	22.700	21.600	+5.1		12467	503	0.099	0.092	+7.6	
11209	503	4.500	4.950	-9.1		11274	502	24.700	22.300	+10.8		12467	504	0.270	0.260	+3.8	
11209	504	4.970	5.500	-9.6		11274	503	7.970	7.390	+7.8		12509	502	0.049	0.052	-5.8	
11210	502	1.820	1.980	-8.1		11274	504	21.700	20.700	+4.8		12509	503	0.040	0.043	-7.0	
11210	503	1.920	2.110	-9.0		11288	502	1.800	1.580	+13.9		12509	504	0.040	0.044	-9.1	
11210	504	2.120	2.340	-9.4		11288	503	1.230	1.100	+11.8		12510	502	0.620	0.660	-6.1	
11211	502	9.450	10.300	-8.3		11288	504	1.580	1.450	+9.0		12510	503	0.510	0.540	-5.6	
11211	503	9.950	11.000	-9.5		12014	502	0.080	0.085	-5.9		12510	504	0.510	0.550	-7.3	
11211	504	11.000	12.200	-9.8		12014	503	0.065	0.070	-7.1		12583	502	0.270	0.290	-6.9	
11212	502	1.430	1.560	-8.3		12014	504	0.066	0.072	-8.3		12583	503	0.225	0.240	-6.2	
11212	503	1.510	1.660	-9.0		12356	502	2.180	1.970	+10.7		12583	504	0.228	0.247	-7.7	
11212	504	1.660	1.840	-9.8		12356	503	0.700	0.650	+7.7		12651	502	0.800	0.850	-5.9	
11213	502	1.170	1.270	-7.9		12356	504	1.920	1.830	+4.9		12651	503	0.660	0.700	-5.7	
11213	503	1.230	1.350	-8.9		12361	502	0.136	0.119	+14.3		12651	504	0.670	0.720	-6.9	

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LOSS COST PERCENT CHANGE BY CLASS

Class	Terr	Proposed Loss Cost	Present Loss Cost	Percent Change	Capping Flag	Class	Terr	Proposed Loss Cost	Present Loss Cost	Percent Change	Capping Flag	Class	Terr	Proposed Loss Cost	Present Loss Cost	Percent Change	Capping Flag
12683	502	0.370	0.390	-5.1		13205	504	0.260	0.280	-7.1		13621	503	0.080	0.085	-5.9	
12683	503	0.300	0.320	-6.3		13314	502	0.221	0.200	+10.5		13621	504	0.081	0.087	-6.9	
12683	504	0.300	0.330	-9.1		13314	503	0.071	0.066	+7.6		13670	502	0.076	0.067	+13.4	
12707	502	0.880	0.770	+14.3		13314	504	0.195	0.186	+4.8		13670	503	0.034	0.030	+13.3	
12707	503	0.710	0.640	+10.9		13351	502	0.540	0.490	+10.2		13670	504	0.062	0.057	+8.8	
12707	504	1.010	0.930	+8.6		13351	503	0.174	0.161	+8.1		13673	502	1.110	0.980	+13.3	
12797	502	0.186	0.162	+14.8		13351	504	0.470	0.450	+4.4		13673	503	0.760	0.680	+11.8	
12797	503	0.150	0.135	+11.1		13352	502	0.550	0.500	+10.0		13673	504	0.970	0.900	+7.8	
12797	504	0.213	0.195	+9.2		13352	503	0.177	0.164	+7.9		13715	502	0.134	0.118	+13.6	
12805	502	0.600	0.540	+11.1		13352	504	0.480	0.460	+4.3		13715	503	0.109	0.098	+11.2	
12805	503	0.192	0.178	+7.9		13410	502	1.120	1.190	-5.9		13715	504	0.154	0.142	+8.5	
12805	504	0.520	0.500	+4.0		13410	503	0.920	0.980	-6.1		13716	502	0.840	0.760	+10.5	
12841	502	0.990	0.890	+11.2		13410	504	0.930	1.010	-7.9		13716	503	0.270	0.250	+8.0	
12841	503	0.320	0.300	+6.7		13412	502	0.380	0.400	-5.0		13716	504	0.740	0.700	+5.7	
12841	504	0.870	0.830	+4.8		13412	503	0.310	0.330	-6.1		13720	502	0.630	0.550	+14.5	
12927	502	0.173	0.156	+10.9		13412	504	0.310	0.340	-8.8		13720	503	0.430	0.380	+13.2	
12927	503	0.056	0.052	+7.7		13453	502	0.440	0.460	-4.3		13720	504	0.550	0.510	+7.8	
12927	504	0.152	0.145	+4.8		13453	503	0.360	0.380	-5.3		13759	502	0.330	0.300	+10.0	
13049	502	0.071	0.062	+14.5		13453	504	0.360	0.390	-7.7		13759	503	0.105	0.098	+7.1	
13049	503	0.031	0.028	+10.7		13454	502	0.510	0.540	-5.6		13759	504	0.290	0.270	+7.4	
13049	504	0.057	0.053	+7.5		13454	503	0.420	0.450	-6.7		13930	502	0.290	0.250	+16.0	
13111	502	1.360	1.200	+13.3		13454	504	0.420	0.460	-8.7		13930	503	0.232	0.208	+11.5	
13111	503	0.930	0.830	+12.0		13455	502	0.520	0.550	-5.5		13930	504	0.330	0.300	+10.0	
13111	504	1.190	1.100	+8.2		13455	503	0.420	0.450	-6.7		14068	502	0.072	0.065	+10.8	
13112	502	0.116	0.101	+14.9		13455	504	0.430	0.470	-8.5		14068	503	0.023	0.022	+4.5	
13112	503	0.051	0.046	+10.9		13506	502	1.690	1.530	+10.5		14068	504	0.063	0.060	+5.0	
13112	504	0.094	0.086	+9.3		13506	503	0.550	0.510	+7.8		14101	502	0.840	0.760	+10.5	
13201	502	0.710	0.750	-5.3		13506	504	1.490	1.420	+4.9		14101	503	0.270	0.250	+8.0	
13201	503	0.580	0.620	-6.5		13507	502	2.030	1.840	+10.3		14101	504	0.740	0.710	+4.2	
13201	504	0.590	0.630	-6.3		13507	503	0.660	0.610	+8.2		14279	502	0.370	0.390	-5.1	
13204	502	0.800	0.850	-5.9		13507	504	1.790	1.710	+4.7		14279	503	0.300	0.330	-9.1	
13204	503	0.660	0.700	-5.7		13590	502	0.390	0.410	-4.9		14279	504	0.310	0.330	-6.1	
13204	504	0.670	0.720	-6.9		13590	503	0.320	0.340	-5.9		14401	502	1.480	1.300	+13.8	
13205	502	0.310	0.330	-6.1		13590	504	0.320	0.350	-8.6		14401	503	1.010	0.910	+11.0	
13205	503	0.250	0.270	-7.4		13621	502	0.097	0.103	-5.8		14401	504	1.300	1.200	+8.3	

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LOSS COST PERCENT CHANGE BY CLASS

Class	Terr	Proposed Loss	Present Cost	Percent Change	Capping Flag	Class	Terr	Proposed Loss	Present Cost	Percent Change	Capping Flag	Class	Terr	Proposed Loss	Present Cost	Percent Change	Capping Flag
14405	502	0.610	0.660	-7.6		15070	504	0.095	0.105	-9.5		15600	503	0.570	0.530	+7.5	
14405	503	0.640	0.710	-9.9		15123	502	6.780	5.870	+15.5		15600	504	1.560	1.480	+5.4	
14405	504	0.710	0.780	-9.0		15123	503	3.460	3.040	+13.8		15607	502	0.107	0.116	-7.8	
14527	502	0.550	0.480	+14.6		15123	504	5.480	4.980	+10.0		15607	503	0.112	0.124	-9.7	
14527	503	0.440	0.400	+10.0		15124	502	2.370	2.050	+15.6		15607	504	0.124	0.137	-9.5	
14527	504	0.630	0.580	+8.6		15124	503	1.210	1.060	+14.2		15608	502	0.390	0.360	+8.3	
14655	502	0.163	0.148	+10.1		15124	504	1.920	1.740	+10.3		15608	503	0.127	0.118	+7.6	
14655	503	0.053	0.049	+8.2		15188	502	0.270	0.290	-6.9		15608	504	0.350	0.330	+6.1	
14655	504	0.144	0.137	+5.1		15188	503	0.222	0.237	-6.3		15656	502	11.600	10.500	+10.5	
14731	502	7.010	6.080	+15.3		15188	504	0.225	0.243	-7.4		15656	503	3.760	3.480	+8.0	
14731	503	3.570	3.150	+13.3		15223	502	0.090	0.079	+13.9		15656	504	10.200	9.770	+4.4	
14731	504	5.670	5.150	+10.1		15223	503	0.039	0.035	+11.4		15699	502	0.260	0.290	-10.3	
14732	502	0.520	0.450	+15.6		15223	504	0.073	0.067	+9.0		15699	503	0.280	0.310	-9.7	
14732	503	0.260	0.233	+11.6		15224	502	0.660	0.580	+13.8		15699	504	0.310	0.340	-8.8	
14732	504	0.420	0.380	+10.5		15224	503	0.450	0.410	+9.8		15733	502	0.172	0.182	-5.5	
14733	502	1.140	1.030	+10.7		15224	504	0.580	0.540	+7.4		15733	503	0.140	0.150	-6.7	
14733	503	0.370	0.340	+8.8		15314	502	0.390	0.360	+8.3		15733	504	0.143	0.154	-7.1	
14733	504	1.010	0.960	+5.2		15314	503	0.127	0.118	+7.6		15839	502	0.530	0.480	+10.4	
14734	502	0.490	0.440	+11.4		15314	504	0.350	0.330	+6.1		15839	503	0.171	0.158	+8.2	
14734	503	0.158	0.147	+7.5		15404	502	0.070	0.074	-5.4		15839	504	0.470	0.440	+6.8	
14734	504	0.430	0.410	+4.9		15404	503	0.057	0.061	-6.6		15991	502	0.430	0.390	+10.3	
14855	502	0.172	0.182	-5.5		15404	504	0.058	0.063	-7.9		15991	503	0.140	0.129	+8.5	
14855	503	0.140	0.150	-6.7		15405	502	0.103	0.110	-6.4		15991	504	0.380	0.360	+5.6	
14855	504	0.143	0.154	-7.1		15405	503	0.085	0.090	-5.6		15993	502	0.360	0.330	+9.1	
14913	502	0.610	0.560	+8.9		15405	504	0.086	0.093	-7.5		15993	503	0.118	0.109	+8.3	
14913	503	0.199	0.184	+8.2		15406	502	0.260	0.280	-7.1		15993	504	0.320	0.310	+3.2	
14913	504	0.540	0.520	+3.8		15406	503	0.215	0.230	-6.5		16005	502	0.071	0.062	+14.5	
15062	502	0.154	0.163	-5.5		15406	504	0.219	0.236	-7.2		16005	503	0.058	0.052	+11.5	
15062	503	0.126	0.135	-6.7		15488	502	0.660	0.700	-5.7		16005	504	0.082	0.075	+9.3	
15062	504	0.128	0.138	-7.2		15488	503	0.540	0.570	-5.3		16009	502	0.211	0.223	-5.4	
15063	502	0.179	0.190	-5.8		15488	504	0.550	0.590	-6.8		16009	503	0.172	0.184	-6.5	
15063	503	0.147	0.157	-6.4		15538	502	0.700	0.630	+11.1		16009	504	0.175	0.189	-7.4	
15063	504	0.149	0.161	-7.5		15538	503	0.226	0.210	+7.6		16402	502	2.610	2.360	+10.6	
15070	502	0.081	0.089	-9.0		15538	504	0.620	0.590	+5.1		16402	503	0.840	0.780	+7.7	
15070	503	0.086	0.094	-8.5		15600	502	1.770	1.600	+10.6		16402	504	2.300	2.190	+5.0	

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LOSS COST PERCENT CHANGE BY CLASS

Class	Terr	Proposed Loss	Present Cost	Percent Change	Capping Flag	Class	Terr	Proposed Loss	Present Cost	Percent Change	Capping Flag	Class	Terr	Proposed Loss	Present Cost	Percent Change	Capping Flag
16403	502	1.650	1.490	+10.7		16750	504	0.169	0.161	+5.0		16906	503	1.540	1.440	+6.9	
16403	503	0.530	0.490	+8.2		16751	502	0.192	0.174	+10.3		16906	504	2.270	2.190	+3.7	
16403	504	1.460	1.390	+5.0		16751	503	0.062	0.058	+6.9		16910	502	2.070	1.900	+8.9	
16404	502	2.080	1.890	+10.1		16751	504	0.169	0.161	+5.0		16910	503	1.380	1.290	+7.0	
16404	503	0.670	0.620	+8.1		16819	502	0.930	0.990	-6.1		16910	504	2.030	1.960	+3.6	
16404	504	1.840	1.750	+5.1		16819	503	0.760	0.810	-6.2		16911	502	1.870	1.720	+8.7	
16471	502	0.150	0.164	-8.5		16819	504	0.770	0.840	-8.3		16911	503	1.250	1.170	+6.8	
16471	503	0.159	0.174	-8.6		16820	502	0.720	0.760	-5.3		16911	504	1.840	1.770	+4.0	
16471	504	0.175	0.194	-9.8		16820	503	0.590	0.630	-6.3		16915	502	2.120	1.950	+8.7	
16501	502	0.151	0.132	+14.4		16820	504	0.600	0.650	-7.7		16915	503	1.410	1.320	+6.8	
16501	503	0.122	0.109	+11.9		16881	502	3.000	2.720	+10.3		16915	504	2.080	2.010	+3.5	
16501	504	0.173	0.159	+8.8		16881	503	0.970	0.900	+7.8		16916	502	1.770	1.620	+9.3	
16527	502	0.231	0.202	+14.4		16881	504	2.650	2.520	+5.2		16916	503	1.180	1.100	+7.3	
16527	503	0.187	0.168	+11.3		16890	502	0.109	0.116	-6.0		16916	504	1.730	1.670	+3.6	
16527	504	0.270	0.243	+11.1		16890	503	0.089	0.095	-6.3		16920	502	4.700	4.320	+8.8	
16588	502	0.097	0.103	-5.8		16890	504	0.091	0.098	-7.1		16920	503	3.130	2.930	+6.8	
16588	503	0.080	0.085	-5.9		16891	502	0.119	0.126	-5.6		16920	504	4.610	4.450	+3.6	
16588	504	0.081	0.087	-6.9		16891	503	0.097	0.104	-6.7		16921	502	4.290	3.940	+8.9	
16604	502	0.164	0.174	-5.7		16891	504	0.099	0.107	-7.5		16921	503	2.860	2.680	+6.7	
16604	503	0.134	0.143	-6.3		16892	502	0.216	0.229	-5.7		16921	504	4.220	4.070	+3.7	
16604	504	0.136	0.147	-7.5		16892	503	0.177	0.189	-6.3		16930	502	2.700	2.480	+8.9	
16670	502	8.650	6.910	+25.2		16892	504	0.180	0.194	-7.2		16930	503	1.800	1.690	+6.5	
16670	503	7.650	6.240	+22.6		16900	502	3.450	3.170	+8.8		16930	504	2.650	2.560	+3.5	
16670	504	8.330	6.990	+19.2		16900	503	2.290	2.150	+6.5		16931	502	2.920	2.680	+9.0	
16676	502	0.550	0.500	+10.0		16900	504	3.380	3.260	+3.7		16931	503	1.940	1.820	+6.6	
16676	503	0.177	0.164	+7.9		16901	502	2.210	2.030	+8.9		16931	504	2.860	2.760	+3.6	
16676	504	0.480	0.460	+4.3		16901	503	1.470	1.380	+6.5		16940	502	5.870	5.390	+8.9	
16694	502	0.320	0.340	-5.9		16901	504	2.170	2.090	+3.8		16940	503	3.900	3.660	+6.6	
16694	503	0.260	0.280	-7.1		16902	502	1.870	1.720	+8.7		16940	504	5.760	5.560	+3.6	
16694	504	0.270	0.290	-6.9		16902	503	1.250	1.170	+6.8		16941	502	2.350	2.160	+8.8	
16705	502	0.430	0.380	+13.2		16902	504	1.840	1.770	+4.0		16941	503	1.560	1.470	+6.1	
16705	503	0.350	0.310	+12.9		16905	502	3.620	3.330	+8.7		16941	504	2.310	2.230	+3.6	
16705	504	0.490	0.450	+8.9		16905	503	2.410	2.260	+6.6		18078	502	0.243	0.213	+14.1	
16750	502	0.192	0.174	+10.3		16905	504	3.560	3.430	+3.8		18078	503	0.197	0.177	+11.3	
16750	503	0.062	0.058	+6.9		16906	502	2.310	2.130	+8.5		18078	504	0.280	0.260	+7.7	

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LOSS COST PERCENT CHANGE BY CLASS

Class	Terr	Proposed Loss	Present Cost	Percent Change	Capping Flag	Class	Terr	Proposed Loss	Present Cost	Percent Change	Capping Flag	Class	Terr	Proposed Loss	Present Cost	Percent Change	Capping Flag
18109	502	0.720	0.650	+10.8		18507	504	0.300	0.290	+3.4		19795	503	0.183	0.170	+7.6	
18109	503	0.233	0.216	+7.9		18570	502	3.610	3.270	+10.4		19795	504	0.500	0.480	+4.2	
18109	504	0.630	0.600	+5.0		18570	503	1.170	1.080	+8.3		19796	502	0.660	0.600	+10.0	
18110	502	0.580	0.520	+11.5		18570	504	3.180	3.030	+5.0		19796	503	0.214	0.198	+8.1	
18110	503	0.186	0.173	+7.5		18616	502	0.260	0.280	-7.1		19796	504	0.580	0.560	+3.6	
18110	504	0.510	0.480	+6.3		18616	503	0.214	0.228	-6.1		40045	502	479.000	383.000	+25.1	
18205	502	0.380	0.330	+15.2		18616	504	0.217	0.234	-7.3		40045	503	424.000	345.000	+22.9	
18205	503	0.300	0.270	+11.1		18707	502	0.020	0.018	+11.1		40045	504	461.000	387.000	+19.1	
18205	504	0.430	0.390	+10.3		18707	503	0.016	0.015	+6.7		40046	502	94.700	75.700	+25.1	
18206	502	0.930	0.840	+10.7		18707	504	0.023	0.021	+9.5		40046	503	83.700	68.300	+22.5	
18206	503	0.300	0.280	+7.1		18708	502	0.211	0.191	+10.5		40046	504	91.200	76.500	+19.2	
18206	504	0.820	0.780	+5.1		18708	503	0.068	0.063	+7.9		40047	502	33.800	27.000	+25.2	
18335	502	0.670	0.610	+9.8		18708	504	0.186	0.177	+5.1		40047	503	29.900	24.300	+23.0	
18335	503	0.217	0.201	+8.0		18833	502	0.241	0.210	+14.8		40047	504	32.500	27.300	+19.0	
18335	504	0.590	0.560	+5.4		18833	503	0.195	0.175	+11.4		40059	502	12.100	9.660	+25.3	
18435	502	1.290	1.140	+13.2		18833	504	0.280	0.250	+12.0		40059	503	10.700	8.720	+22.7	
18435	503	0.880	0.790	+11.4		18834	502	0.550	0.500	+10.0		40059	504	11.600	9.770	+18.7	
18435	504	1.130	1.040	+8.7		18834	503	0.177	0.164	+7.9		40061	502	6.410	5.120	+25.2	
18436	502	1.040	0.920	+13.0		18834	504	0.480	0.460	+4.3		40061	503	5.670	4.620	+22.7	
18436	503	0.710	0.640	+10.9		18911	502	1.730	1.560	+10.9		40061	504	6.170	5.180	+19.1	
18436	504	0.910	0.840	+8.3		18911	503	0.560	0.520	+7.7		40063	502	215.000	171.000	+25.7	
18437	502	0.960	0.870	+10.3		18911	504	1.520	1.450	+4.8		40063	503	190.000	155.000	+22.6	
18437	503	0.310	0.290	+6.9		18912	502	3.250	2.940	+10.5		40063	504	207.000	173.000	+19.7	
18437	504	0.850	0.810	+4.9		18912	503	1.050	0.970	+8.2		40064	502	63.100	50.400	+25.2	
18438	502	1.840	1.670	+10.2		18912	504	2.870	2.730	+5.1		40064	503	55.800	45.500	+22.6	
18438	503	0.600	0.550	+9.1		18920	502	0.840	0.760	+10.5		40064	504	60.700	50.900	+19.3	
18438	504	1.620	1.550	+4.5		18920	503	0.270	0.250	+8.0		40075	502	111.000	93.800	+18.3	
18501	502	1.180	1.040	+13.5		18920	504	0.740	0.710	+4.2		40075	503	70.000	60.100	+16.5	
18501	503	0.810	0.720	+12.5		19007	502	2.650	2.300	+15.2		40075	504	43.100	38.100	+13.1	
18501	504	1.040	0.960	+8.3		19007	503	1.350	1.190	+13.4		40101	502	47.000	40.500	+16.0	
18506	502	0.340	0.360	-5.6		19007	504	2.140	1.950	+9.7		40101	503	26.300	23.200	+13.4	
18506	503	0.280	0.300	-6.7		19051	502	5.880	5.090	+15.5		40101	504	22.500	20.400	+10.3	
18506	504	0.290	0.310	-6.5		19051	503	2.990	2.630	+13.7		40102	502	41.500	35.800	+15.9	
18507	502	0.350	0.310	+12.9		19051	504	4.750	4.310	+10.2		40102	503	23.200	20.500	+13.2	
18507	503	0.112	0.104	+7.7		19795	502	0.570	0.510	+11.8		40102	504	19.900	18.000	+10.6	

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LOSS COST PERCENT CHANGE BY CLASS

Class	Terr	Proposed Loss Cost	Present Loss Cost	Percent Change	Capping Flag	Class	Terr	Proposed Loss Cost	Present Loss Cost	Percent Change	Capping Flag	Class	Terr	Proposed Loss Cost	Present Loss Cost	Percent Change	Capping Flag
40111	502	17.000	13.600	+25.0		41667	504	191.000	160.000	+19.4		43152	503	17.400	15.800	+10.1	
40111	503	15.000	12.200	+23.0		41668	502	186.000	149.000	+24.8		43152	504	13.800	12.900	+7.0	
40111	504	16.400	13.700	+19.7		41668	503	164.000	134.000	+22.4		43200	502	211.000	178.000	+18.5	
41001	502	0.570	0.460	+23.9		41668	504	179.000	150.000	+19.3		43200	503	133.000	114.000	+16.7	
41001	503	0.510	0.410	+24.4		41669	502	1.300	1.040	+25.0		43200	504	81.700	72.100	+13.3	
41001	504	0.550	0.460	+19.6		41669	503	1.150	0.940	+22.3		43421	502	57.800	48.700	+18.7	
41421	502	0.860	0.770	+11.7		41669	504	1.250	1.050	+19.0		43421	503	36.300	31.200	+16.3	
41421	503	0.700	0.640	+9.4		41670	502	2.190	1.750	+25.1		43421	504	22.400	19.800	+13.1	
41421	504	0.680	0.640	+6.3		41670	503	1.940	1.580	+22.8		43422	502	303.000	255.000	+18.8	
41422	502	0.460	0.410	+12.2		41670	504	2.110	1.770	+19.2		43422	503	191.000	164.000	+16.5	
41422	503	0.380	0.340	+11.8		41677	502	0.157	0.171	-8.2		43422	504	117.000	104.000	+12.5	
41422	504	0.360	0.340	+5.9		41677	503	0.165	0.182	-9.3		43470	502	2.880	3.140	-8.3	
41510	502	86.900	78.600	+10.6		41677	504	0.182	0.202	-9.9		43470	503	3.040	3.340	-9.0	
41510	503	28.100	26.000	+8.1		41678	502	74.300	66.100	+12.4		43470	504	3.360	3.720	-9.7	
41510	504	76.600	73.000	+4.9		41678	503	58.200	52.900	+10.0		43518	502	31.100	24.900	+24.9	
41603	502	40.700	36.300	+12.1		41678	504	46.200	43.200	+6.9		43518	503	27.500	22.400	+22.8	
41603	503	33.300	30.400	+9.5		41680	502	29.800	26.600	+12.0		43518	504	30.000	25.100	+19.5	
41603	504	32.200	30.200	+6.6		41680	503	24.400	22.300	+9.4		43550	502	206.000	174.000	+18.4	
41604	502	22.400	20.000	+12.0		41680	504	23.600	22.100	+6.8		43550	503	130.000	111.000	+17.1	
41604	503	18.300	16.700	+9.6		41696	502	0.500	0.540	-7.4		43550	504	79.800	70.500	+13.2	
41604	504	17.700	16.600	+6.6		41696	503	0.520	0.570	-8.8		43551	502	114.000	96.300	+18.4	
41620	502	0.760	0.830	-8.4		41696	504	0.580	0.640	-9.4		43551	503	71.900	61.700	+16.5	
41620	503	0.800	0.880	-9.1		41697	502	0.340	0.380	-10.5		43551	504	44.300	39.100	+13.3	
41620	504	0.880	0.980	-10.2		41697	503	0.360	0.400	-10.0		43626	502	24.900	19.900	+25.1	
41650	502	57.300	51.200	+11.9		41697	504	0.400	0.440	-9.1		43626	503	22.000	17.900	+22.9	
41650	503	47.000	42.800	+9.8		41715	502	18.900	16.900	+11.8		43626	504	23.900	20.100	+18.9	
41650	504	45.300	42.500	+6.6		41715	503	15.500	14.100	+9.9		43628	502	323.000	258.000	+25.2	
41664	502	72.600	58.000	+25.2		41715	504	15.000	14.000	+7.1		43628	503	286.000	233.000	+22.7	
41664	503	64.100	52.300	+22.6		41716	502	12.000	10.700	+12.1		43628	504	311.000	261.000	+19.2	
41664	504	69.900	58.600	+19.3		41716	503	9.860	8.990	+9.7		43629	502	274.000	219.000	+25.1	
41665	502	8.500	6.790	+25.2		41716	504	9.520	8.920	+6.7		43629	503	242.000	197.000	+22.8	
41665	503	7.510	6.120	+22.7		43151	502	55.400	46.700	+18.6		43629	504	264.000	221.000	+19.5	
41665	504	8.180	6.860	+19.2		43151	503	34.800	29.900	+16.4		43760	502	9.120	7.290	+25.1	
41667	502	198.000	158.000	+25.3		43151	504	21.500	19.000	+13.2		43760	503	8.060	6.570	+22.7	
41667	503	175.000	143.000	+22.4		43152	502	22.300	19.800	+12.6		43760	504	8.780	7.370	+19.1	

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LOSS COST PERCENT CHANGE BY CLASS

Class	Terr	Proposed Loss	Present Cost	Percent Change	Capping Flag	Class	Terr	Proposed Loss	Present Cost	Percent Change	Capping Flag	Class	Terr	Proposed Loss	Present Cost	Percent Change	Capping Flag
43822	502	2.290	2.500	-8.4		44102	504	6.010	5.640	+6.6		44315	503	9.540	7.780	+22.6	
43822	503	2.420	2.660	-9.0		44103	502	1.920	1.710	+12.3		44315	504	10.400	8.720	+19.3	
43822	504	2.670	2.960	-9.8		44103	503	1.570	1.430	+9.8		44427	502	170.000	146.000	+16.4	
43840	502	0.028	0.031	-9.7		44103	504	5.320	4.990	+6.6		44427	503	95.100	83.700	+13.6	
43840	503	0.030	0.033	-9.1		44104	502	0.810	0.720	+12.5		44427	504	81.400	73.600	+10.6	
43840	504	0.033	0.036	-8.3		44104	503	0.660	0.600	+10.0		44428	502	171.000	147.000	+16.3	
43860	502	1.810	1.970	-8.1		44104	504	2.240	2.100	+6.7		44428	503	95.600	84.200	+13.5	
43860	503	1.900	2.090	-9.1		44108	502	0.950	0.850	+11.8		44428	504	81.900	74.100	+10.5	
43860	504	2.100	2.330	-9.9		44108	503	0.780	0.710	+9.9		44429	502	2.560	2.210	+15.8	
43889	502	0.650	0.700	-7.1		44108	504	2.620	2.460	+6.5		44429	503	1.430	1.260	+13.5	
43889	503	0.680	0.750	-9.3		44109	502	2.400	2.140	+12.1		44429	504	1.230	1.110	+10.8	
43889	504	0.750	0.830	-9.6		44109	503	1.960	1.790	+9.5		44430	502	1.780	1.530	+16.3	
44009	502	8.260	7.160	+15.4		44109	504	6.630	6.220	+6.6		44430	503	1.000	0.880	+13.6	
44009	503	4.210	3.710	+13.5		44110	502	2.450	2.190	+11.9		44430	504	0.850	0.770	+10.4	
44009	504	6.680	6.070	+10.0		44110	503	2.010	1.830	+9.8		44431	502	5.690	4.900	+16.1	
44069	502	26.600	21.200	+25.5		44110	504	6.790	6.360	+6.8		44431	503	3.180	2.800	+13.6	
44069	503	23.500	19.200	+22.4		44111	502	1.510	1.340	+12.7		44431	504	2.720	2.470	+10.1	
44069	504	25.600	21.500	+19.1		44111	503	1.230	1.120	+9.8		44432	502	1.800	1.550	+16.1	
44070	502	7.870	6.290	+25.1		44111	504	4.160	3.900	+6.7		44432	503	1.010	0.890	+13.5	
44070	503	6.960	5.670	+22.8		44112	502	0.890	0.800	+11.3		44432	504	0.860	0.780	+10.3	
44070	504	7.580	6.360	+19.2		44112	503	0.730	0.660	+10.6		44433	502	57.400	49.500	+16.0	
44071	502	8.760	7.000	+25.1		44112	504	2.470	2.310	+6.9		44433	503	32.100	28.300	+13.4	
44071	503	7.740	6.310	+22.7		44276	502	283.000	238.000	+18.9		44433	504	27.500	24.900	+10.4	
44071	504	8.430	7.070	+19.2		44276	503	178.000	153.000	+16.3		44434	502	110.000	94.700	+16.2	
44072	502	6.050	4.830	+25.3		44276	504	110.000	96.800	+13.6		44434	503	61.500	54.100	+13.7	
44072	503	5.340	4.360	+22.5		44277	502	184.000	155.000	+18.7		44434	504	52.600	47.600	+10.5	
44072	504	5.820	4.880	+19.3		44277	503	115.000	99.100	+16.0		44435	502	114.000	98.000	+16.3	
44100	502	2.680	2.390	+12.1		44277	504	71.100	62.800	+13.2		44435	503	63.700	56.100	+13.5	
44100	503	2.190	1.990	+10.1		44280	502	0.157	0.171	-8.2		44435	504	54.500	49.300	+10.5	
44100	504	7.400	6.940	+6.6		44280	503	0.165	0.182	-9.3		44436	502	133.000	114.000	+16.7	
44101	502	2.790	2.490	+12.0		44280	504	0.182	0.202	-9.9		44436	503	74.300	65.500	+13.4	
44101	503	2.280	2.080	+9.6		44311	502	16.100	12.800	+25.8		44436	504	63.700	57.600	+10.6	
44101	504	7.710	7.230	+6.6		44311	503	14.200	11.600	+22.4		44437	502	110.000	94.900	+15.9	
44102	502	2.170	1.940	+11.9		44311	504	15.500	13.000	+19.2		44437	503	61.600	54.300	+13.4	
44102	503	1.780	1.620	+9.9		44315	502	10.800	8.620	+25.3		44437	504	52.800	47.700	+10.7	

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LOSS COST PERCENT CHANGE BY CLASS

Class	Terr	Proposed Loss Cost	Present Loss Cost	Percent Change	Capping Flag	Class	Terr	Proposed Loss Cost	Present Loss Cost	Percent Change	Capping Flag	Class	Terr	Proposed Loss Cost	Present Loss Cost	Percent Change	Capping Flag
44438	502	87.000	75.000	+16.0		45678	504	0.197	0.218	-9.6		46427	503	39.600	36.000	+10.0	
44438	503	48.700	42.900	+13.5		45771	502	0.310	0.320	-3.1		46427	504	31.500	29.400	+7.1	
44438	504	41.700	37.700	+10.6		45771	503	0.250	0.270	-7.4		46603	502	3.180	2.830	+12.4	
44439	502	169.000	146.000	+15.8		45771	504	0.250	0.270	-7.4		46603	503	2.490	2.260	+10.2	
44439	503	94.800	83.500	+13.5		45819	502	0.099	0.105	-5.7		46603	504	1.980	1.850	+7.0	
44439	504	81.200	73.400	+10.6		45819	503	0.081	0.087	-6.9		46604	502	3.670	3.260	+12.6	
44440	502	140.000	121.000	+15.7		45819	504	0.083	0.089	-6.7		46604	503	2.870	2.610	+10.0	
44440	503	78.400	69.100	+13.5		45900	502	0.202	0.182	+11.0		46604	504	2.280	2.130	+7.0	
44440	504	67.200	60.800	+10.5		45900	503	0.065	0.060	+8.3		46606	502	9.780	8.700	+12.4	
45190	502	3.310	2.750	+20.4		45900	504	0.178	0.169	+5.3		46606	503	7.660	6.960	+10.1	
45190	503	3.330	2.820	+18.1		45901	502	0.173	0.156	+10.9		46606	504	6.080	5.680	+7.0	
45190	504	2.860	2.490	+14.9		45901	503	0.056	0.052	+7.7		46607	502	13.500	12.000	+12.5	
45191	502	2.350	1.950	+20.5		45901	504	0.152	0.145	+4.8		46607	503	10.500	9.570	+9.7	
45191	503	2.360	2.000	+18.0		45937	502	0.480	0.400	+20.0		46607	504	8.360	7.810	+7.0	
45191	504	2.030	1.770	+14.7		45937	503	0.300	0.260	+15.4		46622	502	6.700	7.310	-8.3	
45192	502	2.750	2.280	+20.6		45937	504	0.185	0.163	+13.5		46622	503	7.060	7.770	-9.1	
45192	503	2.760	2.340	+17.9		46004	502	54.500	48.600	+12.1		46622	504	7.800	8.640	-9.7	
45192	504	2.380	2.070	+15.0		46004	503	44.600	40.700	+9.6		46700	502	424.000	357.000	+18.8	
45193	502	1.620	1.350	+20.0		46004	504	43.100	40.400	+6.7		46700	503	267.000	229.000	+16.6	
45193	503	1.630	1.380	+18.1		46005	502	43.600	38.900	+12.1		46700	504	164.000	145.000	+13.1	
45193	504	1.400	1.220	+14.8		46005	503	35.700	32.500	+9.8		46911	502	49.200	39.300	+25.2	
45210	502	2.050	1.700	+20.6		46005	504	34.500	32.300	+6.8		46911	503	43.500	35.500	+22.5	
45210	503	2.060	1.750	+17.7		46112	502	0.185	0.159	+16.4		46911	504	47.400	39.700	+19.4	
45210	504	1.770	1.540	+14.9		46112	503	0.103	0.091	+13.2		46912	502	90.100	72.000	+25.1	
45334	502	122.000	102.000	+19.6		46112	504	0.089	0.080	+11.2		46912	503	79.700	65.000	+22.6	
45334	503	76.400	65.600	+16.5		46202	502	4.210	3.490	+20.6		46912	504	86.800	72.800	+19.2	
45334	504	47.100	41.600	+13.2		46202	503	4.230	3.580	+18.2		47050	502	0.630	0.680	-7.4	
45380	502	0.201	0.213	-5.6		46202	504	3.630	3.160	+14.9		47050	503	0.660	0.730	-9.6	
45380	503	0.164	0.176	-6.8		46362	502	259.000	231.000	+12.1		47050	504	0.730	0.810	-9.9	
45380	504	0.167	0.180	-7.2		46362	503	203.000	185.000	+9.7		47221	502	466.000	392.000	+18.9	
45450	502	35.800	30.100	+18.9		46362	504	161.000	151.000	+6.6		47221	503	292.000	251.000	+16.3	
45450	503	22.500	19.300	+16.6		46426	502	37.900	33.700	+12.5		47221	504	180.000	159.000	+13.2	
45450	504	13.800	12.200	+13.1		46426	503	29.700	27.000	+10.0		47318	502	20.200	16.200	+24.7	
45678	502	0.169	0.185	-8.6		46426	504	23.600	22.000	+7.3		47318	503	17.900	14.600	+22.6	
45678	503	0.178	0.196	-9.2		46427	502	50.600	45.000	+12.4		47318	504	19.500	16.300	+19.6	

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LOSS COST PERCENT CHANGE BY CLASS

Class	Terr	Proposed Loss	Present Cost	Percent Change	Capping Flag	Class	Terr	Proposed Loss	Present Cost	Percent Change	Capping Flag	Class	Terr	Proposed Loss	Present Cost	Percent Change	Capping Flag
47367	502	0.157	0.171	-8.2		48206	504	63.300	53.100	+19.2		49181	503	30.700	26.400	+16.3	
47367	503	0.165	0.182	-9.3		48441	502	0.280	0.221	+26.7		49181	504	18.900	16.700	+13.2	
47367	504	0.182	0.202	-9.9		48441	503	0.244	0.199	+22.6		49183	502	59.600	50.200	+18.7	
47420	502	4.430	3.540	+25.1		48441	504	0.270	0.223	+21.1		49183	503	37.400	32.200	+16.1	
47420	503	3.920	3.190	+22.9		48557	502	27.600	22.100	+24.9		49183	504	23.100	20.400	+13.2	
47420	504	4.270	3.580	+19.3		48557	503	24.400	19.900	+22.6		49184	502	126.000	106.000	+18.9	
47469	502	8.600	7.670	+12.1		48557	504	26.600	22.300	+19.3		49184	503	79.000	67.900	+16.3	
47469	503	7.050	6.420	+9.8		48558	502	24.000	19.200	+25.0		49184	504	48.700	43.000	+13.3	
47469	504	6.800	6.370	+6.8		48558	503	21.200	17.300	+22.5		49185	502	114.000	96.300	+18.4	
47471	502	7.450	6.650	+12.0		48558	504	23.100	19.400	+19.1		49185	503	71.900	61.700	+16.5	
47471	503	6.110	5.570	+9.7		48600	502	75.800	67.400	+12.5		49185	504	44.300	39.100	+13.3	
47471	504	5.900	5.520	+6.9		48600	503	59.400	53.900	+10.2		49239	502	0.150	0.159	-5.7	
47473	502	9.750	8.700	+12.1		48600	504	47.100	44.000	+7.0		49239	503	0.123	0.131	-6.1	
47473	503	7.980	7.280	+9.6		48636	502	1.340	1.590	-15.7		49239	504	0.125	0.135	-7.4	
47473	504	7.710	7.220	+6.8		48636	503	1.490	1.790	-16.8		49292	502	3.580	3.010	+18.9	
47474	502	10.900	9.720	+12.1		48636	504	1.150	1.390	-17.3		49292	503	2.250	1.930	+16.6	
47474	503	8.920	8.140	+9.6		48637	502	21.100	16.900	+24.9		49292	504	1.380	1.220	+13.1	
47474	504	8.620	8.070	+6.8		48637	503	18.700	15.200	+23.0		49333	502	26.200	22.100	+18.6	
47475	502	8.600	7.670	+12.1		48637	504	20.300	17.100	+18.7		49333	503	16.500	14.200	+16.2	
47475	503	7.050	6.420	+9.8		48638	502	10.500	8.370	+25.4		49333	504	10.200	8.970	+13.7	
47475	504	6.800	6.370	+6.8		48638	503	9.260	7.550	+22.6		49617	502	0.560	0.480	+16.7	
47476	502	8.600	7.670	+12.1		48638	504	10.100	8.460	+19.4		49617	503	0.280	0.250	+12.0	
47476	503	7.050	6.420	+9.8		48808	502	2.980	2.690	+10.8		49617	504	0.450	0.410	+9.8	
47476	504	6.800	6.370	+6.8		48808	503	0.960	0.890	+7.9		49618	502	0.470	0.410	+14.6	
47477	502	11.500	10.200	+12.7		48808	504	2.620	2.500	+4.8		49618	503	0.239	0.210	+13.8	
47477	503	9.390	8.560	+9.7		48925	502	505.000	404.000	+25.0		49618	504	0.380	0.340	+11.8	
47477	504	9.070	8.500	+6.7		48925	503	447.000	364.000	+22.8		49619	502	0.880	0.760	+15.8	
47478	502	12.000	10.700	+12.1		48925	504	486.000	408.000	+19.1		49619	503	0.450	0.400	+12.5	
47478	503	9.860	8.990	+9.7		49005	502	0.107	0.116	-7.8		49619	504	0.710	0.650	+9.2	
47478	504	9.520	8.920	+6.7		49005	503	0.112	0.124	-9.7		49763	502	5.720	4.960	+15.3	
48039	502	150.000	126.000	+19.0		49005	504	0.124	0.137	-9.5		49763	503	2.920	2.570	+13.6	
48039	503	94.000	80.700	+16.5		49111	502	4.550	4.120	+10.4		49763	504	4.630	4.200	+10.2	
48039	504	57.900	51.200	+13.1		49111	503	1.470	1.360	+8.1		49801	502	410.000	345.000	+18.8	
48206	502	65.800	52.600	+25.1		49111	504	4.010	3.820	+5.0		49801	503	258.000	221.000	+16.7	
48206	503	58.100	47.400	+22.6		49181	502	48.900	41.100	+19.0		49801	504	159.000	140.000	+13.6	

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LOSS COST PERCENT CHANGE BY CLASS

Class	Terr	Proposed Loss Cost	Present Loss Cost	Percent Change	Capping Flag	Class	Terr	Proposed Loss Cost	Present Loss Cost	Percent Change	Capping Flag	Class	Terr	Proposed Loss Cost	Present Loss Cost	Percent Change	Capping Flag
49802	502	36.400	30.600	+19.0		50045	504	0.145	0.166	-12.7		51224	503	0.217	0.260	-16.5	
49802	503	22.800	19.600	+16.3		50047	502	0.031	0.035	-11.4		51224	504	0.168	0.203	-17.2	
49802	504	14.100	12.400	+13.7		50047	503	0.023	0.026	-11.5		51230	502	0.033	0.040	-17.5	
49803	502	64.400	54.200	+18.8		50047	504	0.016	0.019	-15.8		51230	503	0.037	0.044	-15.9	
49803	503	40.400	34.700	+16.4		51001	502	0.046	0.055	-16.4		51230	504	0.029	0.034	-14.7	
49803	504	24.900	22.000	+13.2		51001	503	0.051	0.061	-16.4		51240	502	0.500	0.570	-12.3	
49840	502	0.650	0.700	-7.1		51001	504	0.040	0.048	-16.7		51240	503	0.370	0.420	-11.9	
49840	503	0.680	0.750	-9.3		51005	502	0.009	0.011	-18.2		51240	504	0.260	0.300	-13.3	
49840	504	0.750	0.830	-9.6		51005	503	0.011	0.013	-15.4		51241	502	1.490	1.680	-11.3	
49870	502	211.000	169.000	+24.9		51005	504	0.008	0.010	-20.0		51241	503	1.100	1.260	-12.7	
49870	503	187.000	152.000	+23.0		51116	502	0.117	0.138	-15.2		51241	504	0.780	0.900	-13.3	
49870	504	203.000	171.000	+18.7		51116	503	0.129	0.155	-16.8		51250	502	0.213	0.250	-14.8	
50010	502	0.244	0.280	-12.9		51116	504	0.100	0.121	-17.4		51250	503	0.236	0.280	-15.7	
50010	503	0.181	0.206	-12.1		51201	502	0.042	0.047	-10.6		51250	504	0.182	0.220	-17.3	
50010	504	0.128	0.147	-12.9		51201	503	0.031	0.035	-11.4		51251	502	0.043	0.049	-12.2	
50011	502	0.074	0.088	-15.9		51201	504	0.022	0.025	-12.0		51251	503	0.032	0.037	-13.5	
50011	503	0.082	0.099	-17.2		51205	502	0.127	0.143	-11.2		51251	504	0.023	0.026	-11.5	
50011	504	0.064	0.077	-16.9		51205	503	0.094	0.107	-12.1		51252	502	0.151	0.171	-11.7	
50012	502	0.090	0.102	-11.8		51205	504	0.067	0.076	-11.8		51252	503	0.112	0.128	-12.5	
50012	503	0.067	0.076	-11.8		51206	502	0.020	0.022	-9.1		51252	504	0.079	0.091	-13.2	
50012	504	0.047	0.054	-13.0		51206	503	0.015	0.017	-11.8		51253	502	0.129	0.146	-11.6	
50015	502	0.158	0.179	-11.7		51206	504	0.010	0.012	-16.7		51253	503	0.095	0.109	-12.8	
50015	503	0.117	0.134	-12.7		51210	502	0.081	0.096	-15.6		51253	504	0.068	0.078	-12.8	
50015	504	0.083	0.095	-12.6		51210	503	0.089	0.107	-16.8		51254	502	0.040	0.045	-11.1	
50017	502	0.121	0.136	-11.0		51210	504	0.069	0.084	-17.9		51254	503	0.030	0.034	-11.8	
50017	503	0.089	0.102	-12.7		51220	502	0.280	0.330	-15.2		51254	504	0.021	0.024	-12.5	
50017	504	0.063	0.073	-13.7		51220	503	0.310	0.370	-16.2		51255	502	0.540	0.640	-15.6	
50018	502	0.068	0.081	-16.0		51220	504	0.237	0.290	-18.3		51255	503	0.600	0.720	-16.7	
50018	503	0.075	0.090	-16.7		51221	502	0.154	0.182	-15.4		51255	504	0.460	0.560	-17.9	
50018	504	0.058	0.070	-17.1		51221	503	0.170	0.205	-17.1		51300	502	0.113	0.125	-9.6	
50019	502	0.064	0.073	-12.3		51221	504	0.132	0.159	-17.0		51300	503	0.120	0.134	-10.4	
50019	503	0.048	0.055	-12.7		51222	502	0.187	0.222	-15.8		51300	504	0.113	0.128	-11.7	
50019	504	0.034	0.039	-12.8		51222	503	0.207	0.249	-16.9		51305	502	0.113	0.125	-9.6	
50045	502	0.280	0.310	-9.7		51222	504	0.160	0.194	-17.5		51305	503	0.120	0.134	-10.4	
50045	503	0.204	0.233	-12.4		51224	502	0.196	0.233	-15.9		51305	504	0.113	0.128	-11.7	

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LOSS COST PERCENT CHANGE BY CLASS

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51315	502	0.097	0.103	-5.8		51359	504	0.243	0.260	-6.5		51554	503	0.009	0.010	-10.0	
51315	503	0.080	0.085	-5.9		51370	502	0.490	0.550	-10.9		51554	504	0.006	0.007	-14.3	
51315	504	0.081	0.087	-6.9		51370	503	0.360	0.410	-12.2		51575	502	0.051	0.056	-8.9	
51330	502	0.082	0.097	-15.5		51370	504	0.260	0.290	-10.3		51575	503	0.054	0.060	-10.0	
51330	503	0.091	0.109	-16.5		51380	502	0.049	0.055	-10.9		51575	504	0.051	0.058	-12.1	
51330	504	0.070	0.085	-17.6		51380	503	0.036	0.041	-12.2		51576	502	0.220	0.249	-11.6	
51333	502	0.027	0.032	-15.6		51380	504	0.026	0.029	-10.3		51576	503	0.163	0.186	-12.4	
51333	503	0.030	0.036	-16.7		51400	502	0.192	0.228	-15.8		51576	504	0.116	0.132	-12.1	
51333	504	0.023	0.028	-17.9		51400	503	0.213	0.260	-18.1		51600	502	0.150	0.169	-11.2	
51340	502	0.041	0.047	-12.8		51400	504	0.165	0.199	-17.1		51600	503	0.111	0.127	-12.6	
51340	503	0.031	0.035	-11.4		51401	502	0.280	0.340	-17.6		51600	504	0.079	0.090	-12.2	
51340	504	0.022	0.025	-12.0		51401	503	0.310	0.380	-18.4		51613	502	0.099	0.112	-11.6	
51350	502	0.190	0.210	-9.5		51401	504	0.243	0.290	-16.2		51613	503	0.073	0.084	-13.1	
51350	503	0.201	0.225	-10.7		51500	502	0.093	0.105	-11.4		51613	504	0.052	0.059	-11.9	
51350	504	0.191	0.215	-11.2		51500	503	0.069	0.078	-11.5		51625	502	0.042	0.050	-16.0	
51351	502	0.170	0.188	-9.6		51500	504	0.049	0.056	-12.5		51625	503	0.047	0.056	-16.1	
51351	503	0.180	0.201	-10.4		51516	502	0.047	0.051	-7.8		51625	504	0.036	0.044	-18.2	
51351	504	0.171	0.192	-10.9		51516	503	0.050	0.055	-9.1		51666	502	0.081	0.089	-9.0	
51352	502	0.233	0.260	-10.4		51516	504	0.055	0.061	-9.8		51666	503	0.085	0.095	-10.5	
51352	503	0.247	0.280	-11.8		51517	502	0.053	0.058	-8.6		51666	504	0.081	0.091	-11.0	
51352	504	0.234	0.260	-10.0		51517	503	0.056	0.062	-9.7		51702	502	0.127	0.150	-15.3	
51355	502	0.159	0.176	-9.7		51517	504	0.062	0.069	-10.1		51702	503	0.141	0.169	-16.6	
51355	503	0.168	0.188	-10.6		51550	502	0.114	0.129	-11.6		51702	504	0.109	0.131	-16.8	
51355	504	0.159	0.180	-11.7		51550	503	0.085	0.097	-12.4		51703	502	0.053	0.062	-14.5	
51356	502	0.171	0.189	-9.5		51550	504	0.060	0.069	-13.0		51703	503	0.058	0.070	-17.1	
51356	503	0.181	0.203	-10.8		51551	502	0.040	0.045	-11.1		51703	504	0.045	0.054	-16.7	
51356	504	0.172	0.194	-11.3		51551	503	0.029	0.034	-14.7		51734	502	0.099	0.117	-15.4	
51357	502	0.138	0.147	-6.1		51551	504	0.021	0.024	-12.5		51734	503	0.109	0.131	-16.8	
51357	503	0.113	0.121	-6.6		51552	502	0.069	0.078	-11.5		51734	504	0.085	0.102	-16.7	
51357	504	0.115	0.124	-7.3		51552	503	0.051	0.058	-12.1		51741	502	0.260	0.290	-10.3	
51358	502	0.330	0.350	-5.7		51552	504	0.036	0.041	-12.2		51741	503	0.193	0.221	-12.7	
51358	503	0.270	0.290	-6.9		51553	502	0.123	0.139	-11.5		51741	504	0.137	0.157	-12.7	
51358	504	0.280	0.300	-6.7		51553	503	0.091	0.104	-12.5		51752	502	0.220	0.249	-11.6	
51359	502	0.290	0.310	-6.5		51553	504	0.064	0.074	-13.5		51752	503	0.163	0.186	-12.4	
51359	503	0.239	0.260	-8.1		51554	502	0.012	0.013	-7.7		51752	504	0.116	0.132	-12.1	

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51767	502	0.024	0.026	-7.7		51854	504	0.244	0.290	-15.9		51927	503	0.043	0.049	-12.2	
51767	503	0.025	0.028	-10.7		51855	502	0.300	0.350	-14.3		51927	504	0.030	0.035	-14.3	
51767	504	0.024	0.027	-11.1		51855	503	0.330	0.400	-17.5		51934	502	0.117	0.132	-11.4	
51777	502	0.082	0.091	-9.9		51855	504	0.260	0.310	-16.1		51934	503	0.087	0.099	-12.1	
51777	503	0.087	0.097	-10.3		51856	502	0.164	0.195	-15.9		51934	504	0.061	0.070	-12.9	
51777	504	0.082	0.093	-11.8		51856	503	0.182	0.218	-16.5		51941	502	0.106	0.120	-11.7	
51790	502	0.136	0.151	-9.9		51856	504	0.141	0.170	-17.1		51941	503	0.079	0.090	-12.2	
51790	503	0.145	0.161	-9.9		51857	502	0.280	0.330	-15.2		51941	504	0.056	0.064	-12.5	
51790	504	0.137	0.154	-11.0		51857	503	0.310	0.370	-16.2		51942	502	0.170	0.192	-11.5	
51796	502	0.095	0.107	-11.2		51857	504	0.241	0.290	-16.9		51942	503	0.126	0.144	-12.5	
51796	503	0.070	0.080	-12.5		51869	502	0.112	0.127	-11.8		51942	504	0.089	0.102	-12.7	
51796	504	0.050	0.057	-12.3		51869	503	0.083	0.095	-12.6		51956	502	0.460	0.520	-11.5	
51808	502	0.340	0.380	-10.5		51869	504	0.059	0.067	-11.9		51956	503	0.340	0.390	-12.8	
51808	503	0.250	0.290	-13.8		51877	502	0.630	0.710	-11.3		51956	504	0.241	0.280	-13.9	
51808	504	0.177	0.203	-12.8		51877	503	0.470	0.530	-11.3		51957	502	0.400	0.460	-13.0	
51809	502	0.420	0.470	-10.6		51877	504	0.330	0.380	-13.2		51957	503	0.300	0.340	-11.8	
51809	503	0.310	0.350	-11.4		51889	502	0.104	0.117	-11.1		51957	504	0.212	0.243	-12.8	
51809	504	0.220	0.250	-12.0		51889	503	0.077	0.088	-12.5		51958	502	0.360	0.410	-12.2	
51833	502	0.123	0.136	-9.6		51889	504	0.054	0.062	-12.9		51958	503	0.270	0.300	-10.0	
51833	503	0.130	0.145	-10.3		51896	502	0.048	0.055	-12.7		51958	504	0.188	0.216	-13.0	
51833	504	0.123	0.139	-11.5		51896	503	0.036	0.041	-12.2		51959	502	0.370	0.420	-11.9	
51850	502	0.199	0.236	-15.7		51896	504	0.025	0.029	-13.8		51959	503	0.270	0.310	-12.9	
51850	503	0.220	0.260	-15.4		51900	502	0.092	0.102	-9.8		51959	504	0.193	0.221	-12.7	
51850	504	0.170	0.205	-17.1		51900	503	0.097	0.109	-11.0		51960	502	0.048	0.055	-12.7	
51851	502	0.135	0.160	-15.6		51900	504	0.092	0.104	-11.5		51960	503	0.036	0.041	-12.2	
51851	503	0.149	0.179	-16.8		51909	502	0.179	0.213	-16.0		51960	504	0.025	0.029	-13.8	
51851	504	0.115	0.139	-17.3		51909	503	0.199	0.239	-16.7		51970	502	0.211	0.238	-11.3	
51852	502	0.320	0.370	-13.5		51909	504	0.154	0.186	-17.2		51970	503	0.156	0.178	-12.4	
51852	503	0.350	0.420	-16.7		51919	502	0.105	0.118	-11.0		51970	504	0.111	0.127	-12.6	
51852	504	0.270	0.330	-18.2		51919	503	0.078	0.089	-12.4		51982	502	0.062	0.070	-11.4	
51853	502	0.127	0.150	-15.3		51919	504	0.055	0.063	-12.7		51982	503	0.046	0.053	-13.2	
51853	503	0.141	0.169	-16.6		51926	502	0.107	0.120	-10.8		51982	504	0.033	0.037	-10.8	
51853	504	0.109	0.131	-16.8		51926	503	0.079	0.090	-12.2		51985	502	0.044	0.048	-8.3	
51854	502	0.280	0.340	-17.6		51926	504	0.056	0.064	-12.5		51985	503	0.046	0.051	-9.8	
51854	503	0.320	0.380	-15.8		51927	502	0.058	0.065	-10.8		51985	504	0.051	0.057	-10.5	

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51986	502	0.244	0.280	-12.9		52342	504	0.096	0.115	-16.5		52547	503	0.202	0.242	-16.5	
51986	503	0.181	0.206	-12.1		52343	502	0.068	0.081	-16.0		52547	504	0.156	0.188	-17.0	
51986	504	0.128	0.147	-12.9		52343	503	0.075	0.090	-16.7		52581	502	1.150	1.300	-11.5	
51999	502	0.103	0.116	-11.2		52343	504	0.058	0.070	-17.1		52581	503	0.850	0.980	-13.3	
51999	503	0.076	0.087	-12.6		52401	502	0.210	0.249	-15.7		52581	504	0.610	0.690	-11.6	
51999	504	0.054	0.062	-12.9		52401	503	0.233	0.280	-16.8		52619	502	0.081	0.091	-11.0	
52002	502	0.090	0.102	-11.8		52401	504	0.180	0.217	-17.1		52619	503	0.060	0.069	-13.0	
52002	503	0.067	0.076	-11.8		52402	502	0.023	0.026	-11.5		52619	504	0.043	0.049	-12.2	
52002	504	0.047	0.054	-13.0		52402	503	0.017	0.019	-10.5		52660	502	0.056	0.061	-8.2	
52075	502	0.156	0.185	-15.7		52402	504	0.012	0.014	-14.3		52660	503	0.059	0.065	-9.2	
52075	503	0.173	0.208	-16.8		52432	502	0.113	0.128	-11.7		52660	504	0.065	0.072	-9.7	
52075	504	0.134	0.162	-17.3		52432	503	0.084	0.096	-12.5		52744	502	0.470	0.520	-9.6	
52076	502	0.188	0.223	-15.7		52432	504	0.059	0.068	-13.2		52744	503	0.500	0.560	-10.7	
52076	503	0.209	0.250	-16.4		52433	502	0.103	0.117	-12.0		52744	504	0.470	0.530	-11.3	
52076	504	0.161	0.195	-17.4		52433	503	0.076	0.087	-12.6		52767	502	0.167	0.198	-15.7	
52109	502	0.023	0.026	-11.5		52433	504	0.054	0.062	-12.9		52767	503	0.185	0.222	-16.7	
52109	503	0.017	0.019	-10.5		52435	502	0.129	0.146	-11.6		52767	504	0.143	0.172	-16.9	
52109	504	0.012	0.014	-14.3		52435	503	0.096	0.110	-12.7		52911	502	0.064	0.073	-12.3	
52134	502	0.300	0.340	-11.8		52435	504	0.068	0.078	-12.8		52911	503	0.048	0.055	-12.7	
52134	503	0.224	0.260	-13.8		52438	502	0.093	0.106	-12.3		52911	504	0.034	0.039	-12.8	
52134	504	0.159	0.182	-12.6		52438	503	0.069	0.079	-12.7		52967	502	0.024	0.027	-11.1	
52137	502	0.062	0.073	-15.1		52438	504	0.049	0.056	-12.5		52967	503	0.018	0.021	-14.3	
52137	503	0.068	0.082	-17.1		52440	502	0.147	0.166	-11.4		52967	504	0.013	0.015	-13.3	
52137	504	0.053	0.064	-17.2		52440	503	0.109	0.124	-12.1		53001	502	0.237	0.270	-12.2	
52150	502	0.560	0.630	-11.1		52440	504	0.077	0.088	-12.5		53001	503	0.176	0.201	-12.4	
52150	503	0.410	0.470	-12.8		52467	502	0.136	0.153	-11.1		53001	504	0.124	0.142	-12.7	
52150	504	0.290	0.330	-12.1		52467	503	0.101	0.115	-12.2		53077	502	0.114	0.129	-11.6	
52315	502	0.107	0.118	-9.3		52467	504	0.071	0.082	-13.4		53077	503	0.084	0.096	-12.5	
52315	503	0.113	0.126	-10.3		52469	502	0.047	0.054	-13.0		53077	504	0.060	0.068	-11.8	
52315	504	0.107	0.121	-11.6		52469	503	0.035	0.040	-12.5		53095	502	0.078	0.088	-11.4	
52341	502	0.038	0.046	-17.4		52469	504	0.025	0.029	-13.8		53095	503	0.058	0.066	-12.1	
52341	503	0.043	0.051	-15.7		52505	502	0.236	0.270	-12.6		53095	504	0.041	0.047	-12.8	
52341	504	0.033	0.040	-17.5		52505	503	0.175	0.200	-12.5		53096	502	0.108	0.123	-12.2	
52342	502	0.112	0.132	-15.2		52505	504	0.124	0.142	-12.7		53096	503	0.080	0.092	-13.0	
52342	503	0.123	0.148	-16.9		52547	502	0.182	0.216	-15.7		53096	504	0.057	0.065	-12.3	

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LOSS COST PERCENT CHANGE BY CLASS

Class	Terr	Proposed Loss Cost	Present Loss Cost	Percent Change	Capping Flag	Class	Terr	Proposed Loss Cost	Present Loss Cost	Percent Change	Capping Flag	Class	Terr	Proposed Loss Cost	Present Loss Cost	Percent Change	Capping Flag
53121	502	0.310	0.350	-11.4		53565	504	0.080	0.090	-11.1		55011	503	0.094	0.107	-12.1	
53121	503	0.229	0.260	-11.9		53631	502	0.036	0.041	-12.2		55011	504	0.066	0.076	-13.2	
53121	504	0.162	0.186	-12.9		53631	503	0.027	0.030	-10.0		55012	502	0.151	0.170	-11.2	
53147	502	0.028	0.033	-15.2		53631	504	0.019	0.022	-13.6		55012	503	0.112	0.128	-12.5	
53147	503	0.031	0.038	-18.4		53632	502	0.041	0.047	-12.8		55012	504	0.079	0.091	-13.2	
53147	504	0.024	0.029	-17.2		53632	503	0.031	0.035	-11.4		55013	502	0.132	0.157	-15.9	
53229	502	0.158	0.187	-15.5		53632	504	0.022	0.025	-12.0		55013	503	0.146	0.176	-17.0	
53229	503	0.175	0.210	-16.7		53731	502	0.038	0.043	-11.6		55013	504	0.113	0.137	-17.5	
53229	504	0.135	0.163	-17.2		53731	503	0.028	0.032	-12.5		55214	502	0.122	0.138	-11.6	
53271	502	0.058	0.066	-12.1		53731	504	0.020	0.023	-13.0		55214	503	0.090	0.103	-12.6	
53271	503	0.043	0.049	-12.2		53732	502	0.260	0.290	-10.3		55214	504	0.064	0.073	-12.3	
53271	504	0.031	0.035	-11.4		53732	503	0.191	0.218	-12.4		55371	502	0.320	0.350	-8.6	
53333	502	0.155	0.184	-15.8		53732	504	0.135	0.155	-12.9		55371	503	0.340	0.370	-8.1	
53333	503	0.172	0.206	-16.5		53733	502	0.168	0.189	-11.1		55371	504	0.320	0.360	-11.1	
53333	504	0.133	0.160	-16.9		53733	503	0.124	0.142	-12.7		55426	502	0.160	0.190	-15.8	
53374	502	0.124	0.137	-9.5		53733	504	0.088	0.101	-12.9		55426	503	0.177	0.213	-16.9	
53374	503	0.132	0.147	-10.2		53734	502	0.280	0.310	-9.7		55426	504	0.137	0.166	-17.5	
53374	504	0.125	0.140	-10.7		53734	503	0.300	0.330	-9.1		55597	502	0.031	0.035	-11.4	
53375	502	0.066	0.073	-9.6		53734	504	0.330	0.360	-8.3		55597	503	0.023	0.026	-11.5	
53375	503	0.070	0.078	-10.3		53803	502	0.350	0.410	-14.6		55597	504	0.016	0.018	-11.1	
53375	504	0.066	0.074	-10.8		53803	503	0.390	0.460	-15.2		55647	502	0.061	0.069	-11.6	
53376	502	0.105	0.117	-10.3		53803	504	0.300	0.360	-16.7		55647	503	0.045	0.052	-13.5	
53376	503	0.112	0.125	-10.4		53907	502	0.113	0.128	-11.7		55647	504	0.032	0.037	-13.5	
53376	504	0.106	0.119	-10.9		53907	503	0.084	0.096	-12.5		55648	502	0.028	0.031	-9.7	
53377	502	0.108	0.119	-9.2		53907	504	0.060	0.068	-11.8		55648	503	0.020	0.023	-13.0	
53377	503	0.114	0.128	-10.9		54012	502	0.028	0.031	-9.7		55648	504	0.015	0.017	-11.8	
53377	504	0.108	0.122	-11.5		54012	503	0.030	0.033	-9.1		55649	502	0.033	0.037	-10.8	
53403	502	0.068	0.075	-9.3		54012	504	0.033	0.036	-8.3		55649	503	0.024	0.028	-14.3	
53403	503	0.072	0.081	-11.1		54077	502	0.155	0.175	-11.4		55649	504	0.017	0.020	-15.0	
53403	504	0.068	0.077	-11.7		54077	503	0.115	0.131	-12.2		55715	502	0.242	0.270	-10.4	
53425	502	0.146	0.173	-15.6		54077	504	0.081	0.093	-12.9		55715	503	0.180	0.205	-12.2	
53425	503	0.162	0.194	-16.5		55010	502	0.470	0.530	-11.3		55715	504	0.127	0.146	-13.0	
53425	504	0.125	0.151	-17.2		55010	503	0.350	0.400	-12.5		55716	502	0.350	0.400	-12.5	
53565	502	0.079	0.088	-10.2		55010	504	0.246	0.280	-12.1		55716	503	0.260	0.300	-13.3	
53565	503	0.084	0.094	-10.6		55011	502	0.126	0.143	-11.9		55716	504	0.184	0.211	-12.8	

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LOSS COST PERCENT CHANGE BY CLASS

Class	Terr	Proposed Loss	Present Cost	Percent Change	Capping Flag	Class	Terr	Proposed Loss	Present Cost	Percent Change	Capping Flag	Class	Terr	Proposed Loss	Present Cost	Percent Change	Capping Flag
55717	502	0.211	0.250	-15.6		56390	504	0.079	0.091	-13.2		56758	503	0.060	0.069	-13.0	
55717	503	0.234	0.280	-16.4		56391	502	0.129	0.146	-11.6		56758	504	0.043	0.049	-12.2	
55717	504	0.181	0.219	-17.4		56391	503	0.096	0.110	-12.7		56759	502	0.083	0.094	-11.7	
55718	502	0.205	0.243	-15.6		56391	504	0.068	0.078	-12.8		56759	503	0.062	0.071	-12.7	
55718	503	0.227	0.270	-15.9		56427	502	0.208	0.235	-11.5		56759	504	0.044	0.050	-12.0	
55718	504	0.176	0.212	-17.0		56427	503	0.154	0.176	-12.5		56760	502	0.120	0.135	-11.1	
55802	502	0.082	0.091	-9.9		56427	504	0.109	0.125	-12.8		56760	503	0.089	0.101	-11.9	
55802	503	0.087	0.097	-10.3		56488	502	0.136	0.151	-9.9		56760	504	0.063	0.072	-12.5	
55802	504	0.082	0.093	-11.8		56488	503	0.145	0.161	-9.9		56805	502	0.157	0.178	-11.8	
55918	502	0.139	0.157	-11.5		56488	504	0.137	0.154	-11.0		56805	503	0.117	0.133	-12.0	
55918	503	0.103	0.117	-12.0		56567	502	0.149	0.176	-15.3		56805	504	0.083	0.095	-12.6	
55918	504	0.073	0.083	-12.0		56567	503	0.165	0.198	-16.7		56806	502	0.111	0.126	-11.9	
55919	502	0.019	0.021	-9.5		56567	504	0.127	0.154	-17.5		56806	503	0.083	0.094	-11.7	
55919	503	0.014	0.016	-12.5		56650	502	0.450	0.540	-16.7		56806	504	0.059	0.067	-11.9	
55919	504	0.010	0.011	-9.1		56650	503	0.500	0.610	-18.0		56807	502	0.110	0.125	-12.0	
56040	502	0.013	0.015	-13.3		56650	504	0.390	0.470	-17.0		56807	503	0.082	0.094	-12.8	
56040	503	0.010	0.011	-9.1		56651	502	0.247	0.290	-14.8		56807	504	0.058	0.066	-12.1	
56040	504	0.007	0.008	-12.5		56651	503	0.270	0.330	-18.2		56808	502	0.144	0.163	-11.7	
56041	502	0.086	0.097	-11.3		56651	504	0.212	0.260	-18.5		56808	503	0.107	0.122	-12.3	
56041	503	0.064	0.073	-12.3		56652	502	0.177	0.210	-15.7		56808	504	0.076	0.087	-12.6	
56041	504	0.045	0.052	-13.5		56652	503	0.196	0.235	-16.6		56900	502	0.139	0.157	-11.5	
56042	502	0.108	0.123	-12.2		56652	504	0.152	0.183	-16.9		56900	503	0.103	0.117	-12.0	
56042	503	0.080	0.092	-13.0		56653	502	0.170	0.202	-15.8		56900	504	0.073	0.083	-12.0	
56042	504	0.057	0.065	-12.3		56653	503	0.189	0.227	-16.7		56910	502	0.069	0.078	-11.5	
56170	502	0.144	0.170	-15.3		56653	504	0.146	0.176	-17.0		56910	503	0.051	0.059	-13.6	
56170	503	0.159	0.191	-16.8		56654	502	0.087	0.103	-15.5		56910	504	0.036	0.042	-14.3	
56170	504	0.123	0.148	-16.9		56654	503	0.097	0.116	-16.4		56911	502	0.128	0.152	-15.8	
56171	502	0.070	0.084	-16.7		56654	504	0.075	0.090	-16.7		56911	503	0.142	0.171	-17.0	
56171	503	0.078	0.094	-17.0		56690	502	0.071	0.078	-9.0		56911	504	0.110	0.133	-17.3	
56171	504	0.060	0.073	-17.8		56690	503	0.075	0.084	-10.7		56912	502	0.104	0.123	-15.4	
56202	502	0.086	0.097	-11.3		56690	504	0.071	0.080	-11.3		56912	503	0.115	0.138	-16.7	
56202	503	0.064	0.073	-12.3		56699	502	0.096	0.108	-11.1		56912	504	0.089	0.107	-16.8	
56202	504	0.045	0.052	-13.5		56699	503	0.071	0.081	-12.3		56913	502	0.085	0.100	-15.0	
56390	502	0.151	0.170	-11.2		56699	504	0.050	0.058	-13.8		56913	503	0.094	0.113	-16.8	
56390	503	0.112	0.128	-12.5		56758	502	0.081	0.092	-12.0		56913	504	0.072	0.087	-17.2	

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LOSS COST PERCENT CHANGE BY CLASS

Class	Terr	Proposed Loss	Present Cost	Percent Change	Capping Flag	Class	Terr	Proposed Loss	Present Cost	Percent Change	Capping Flag	Class	Terr	Proposed Loss	Present Cost	Percent Change	Capping Flag
56915	502	0.500	0.590	-15.3		57202	504	0.056	0.064	-12.5		57716	503	0.053	0.063	-15.9	
56915	503	0.550	0.670	-17.9		57257	502	0.132	0.150	-12.0		57716	504	0.041	0.049	-16.3	
56915	504	0.430	0.520	-17.3		57257	503	0.098	0.112	-12.5		57725	502	0.104	0.123	-15.4	
56916	502	0.450	0.540	-16.7		57257	504	0.069	0.080	-13.7		57725	503	0.115	0.138	-16.7	
56916	503	0.500	0.600	-16.7		57401	502	0.075	0.085	-11.8		57725	504	0.089	0.107	-16.8	
56916	504	0.390	0.470	-17.0		57401	503	0.056	0.064	-12.5		57726	502	0.081	0.096	-15.6	
56917	502	0.131	0.155	-15.5		57401	504	0.039	0.045	-13.3		57726	503	0.089	0.107	-16.8	
56917	503	0.145	0.174	-16.7		57403	502	0.167	0.185	-9.7		57726	504	0.069	0.084	-17.9	
56917	504	0.112	0.135	-17.0		57403	503	0.178	0.198	-10.1		57798	502	0.034	0.039	-12.8	
56918	502	0.063	0.074	-14.9		57403	504	0.168	0.190	-11.6		57798	503	0.025	0.029	-13.8	
56918	503	0.070	0.084	-16.7		57410	502	0.036	0.041	-12.2		57798	504	0.018	0.021	-14.3	
56918	504	0.054	0.065	-16.9		57410	503	0.027	0.031	-12.9		57800	502	0.128	0.145	-11.7	
56919	502	0.160	0.190	-15.8		57410	504	0.019	0.022	-13.6		57800	503	0.095	0.109	-12.8	
56919	503	0.177	0.213	-16.9		57411	502	0.036	0.043	-16.3		57800	504	0.067	0.077	-13.0	
56919	504	0.137	0.166	-17.5		57411	503	0.040	0.048	-16.7		57808	502	0.040	0.047	-14.9	
56920	502	0.146	0.173	-15.6		57411	504	0.031	0.037	-16.2		57808	503	0.044	0.053	-17.0	
56920	503	0.162	0.194	-16.5		57572	502	0.021	0.024	-12.5		57808	504	0.034	0.041	-17.1	
56920	504	0.125	0.151	-17.2		57572	503	0.016	0.018	-11.1		57809	502	0.041	0.049	-16.3	
56980	502	0.120	0.136	-11.8		57572	504	0.011	0.013	-15.4		57809	503	0.045	0.055	-18.2	
56980	503	0.089	0.102	-12.7		57600	502	0.063	0.072	-12.5		57809	504	0.035	0.042	-16.7	
56980	504	0.063	0.072	-12.5		57600	503	0.047	0.054	-13.0		57810	502	0.040	0.047	-14.9	
57001	502	0.041	0.047	-12.8		57600	504	0.033	0.038	-13.2		57810	503	0.044	0.053	-17.0	
57001	503	0.031	0.035	-11.4		57611	502	0.077	0.091	-15.4		57810	504	0.034	0.041	-17.1	
57001	504	0.022	0.025	-12.0		57611	503	0.085	0.102	-16.7		57871	502	0.047	0.056	-16.1	
57002	502	0.027	0.030	-10.0		57611	504	0.066	0.080	-17.5		57871	503	0.053	0.063	-15.9	
57002	503	0.020	0.023	-13.0		57625	502	0.560	0.630	-11.1		57871	504	0.041	0.049	-16.3	
57002	504	0.014	0.016	-12.5		57625	503	0.410	0.470	-12.8		57913	502	0.166	0.188	-11.7	
57090	502	0.235	0.280	-16.1		57625	504	0.290	0.340	-14.7		57913	503	0.123	0.141	-12.8	
57090	503	0.260	0.310	-16.1		57651	502	0.068	0.077	-11.7		57913	504	0.087	0.100	-13.0	
57090	504	0.201	0.243	-17.3		57651	503	0.050	0.057	-12.3		57997	502	0.063	0.068	-7.4	
57146	502	0.149	0.176	-15.3		57651	504	0.036	0.041	-12.2		57997	503	0.066	0.073	-9.6	
57146	503	0.165	0.198	-16.7		57690	502	0.100	0.119	-16.0		57997	504	0.073	0.081	-9.9	
57146	504	0.127	0.154	-17.5		57690	503	0.111	0.133	-16.5		57998	502	0.074	0.083	-10.8	
57202	502	0.107	0.120	-10.8		57690	504	0.086	0.103	-16.5		57998	503	0.055	0.062	-11.3	
57202	503	0.079	0.090	-12.2		57716	502	0.047	0.056	-16.1		57998	504	0.039	0.044	-11.4	

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LOSS COST PERCENT CHANGE BY CLASS

Class	Terr	Proposed Loss Cost	Present Loss Cost	Percent Change	Capping Flag	Class	Terr	Proposed Loss Cost	Present Loss Cost	Percent Change	Capping Flag	Class	Terr	Proposed Loss Cost	Present Loss Cost	Percent Change	Capping Flag
57999	502	0.065	0.078	-16.7		58397	504	0.177	0.203	-12.8		58627	503	0.175	0.200	-12.5	
57999	503	0.072	0.087	-17.2		58408	502	0.037	0.040	-7.5		58627	504	0.124	0.142	-12.7	
57999	504	0.056	0.068	-17.6		58408	503	0.039	0.043	-9.3		58663	502	0.330	0.390	-15.4	
58009	502	0.065	0.078	-16.7		58408	504	0.043	0.048	-10.4		58663	503	0.360	0.440	-18.2	
58009	503	0.072	0.087	-17.2		58409	502	0.047	0.051	-7.8		58663	504	0.280	0.340	-17.6	
58009	504	0.056	0.068	-17.6		58409	503	0.050	0.055	-9.1		58682	502	0.210	0.238	-11.8	
58010	502	0.171	0.193	-11.4		58409	504	0.055	0.061	-9.8		58682	503	0.156	0.178	-12.4	
58010	503	0.127	0.145	-12.4		58456	502	0.025	0.027	-7.4		58682	504	0.110	0.126	-12.7	
58010	504	0.090	0.103	-12.6		58456	503	0.026	0.029	-10.3		58713	502	0.052	0.058	-10.3	
58020	502	0.180	0.199	-9.5		58456	504	0.029	0.032	-9.4		58713	503	0.055	0.062	-11.3	
58020	503	0.191	0.213	-10.3		58457	502	0.036	0.040	-10.0		58713	504	0.052	0.059	-11.9	
58020	504	0.181	0.204	-11.3		58457	503	0.038	0.042	-9.5		58737	502	0.153	0.173	-11.6	
58056	502	0.204	0.231	-11.7		58457	504	0.042	0.047	-10.6		58737	503	0.113	0.129	-12.4	
58056	503	0.151	0.173	-12.7		58458	502	0.047	0.051	-7.8		58737	504	0.080	0.092	-13.0	
58056	504	0.107	0.123	-13.0		58458	503	0.050	0.055	-9.1		58756	502	0.062	0.073	-15.1	
58057	502	0.128	0.145	-11.7		58458	504	0.055	0.061	-9.8		58756	503	0.068	0.082	-17.1	
58057	503	0.095	0.109	-12.8		58459	502	0.056	0.062	-9.7		58756	504	0.053	0.064	-17.2	
58057	504	0.067	0.077	-13.0		58459	503	0.059	0.065	-9.2		58757	502	0.510	0.580	-12.1	
58058	502	0.115	0.130	-11.5		58459	504	0.066	0.073	-9.6		58757	503	0.380	0.440	-13.6	
58058	503	0.085	0.098	-13.3		58503	502	0.090	0.102	-11.8		58757	504	0.270	0.310	-12.9	
58058	504	0.061	0.069	-11.6		58503	503	0.067	0.076	-11.8		58759	502	0.063	0.072	-12.5	
58095	502	0.162	0.183	-11.5		58503	504	0.047	0.054	-13.0		58759	503	0.047	0.054	-13.0	
58095	503	0.120	0.137	-12.4		58532	502	0.116	0.131	-11.5		58759	504	0.033	0.038	-13.2	
58095	504	0.085	0.098	-13.3		58532	503	0.086	0.098	-12.2		58802	502	0.072	0.082	-12.2	
58096	502	0.216	0.244	-11.5		58532	504	0.061	0.070	-12.9		58802	503	0.053	0.061	-13.1	
58096	503	0.160	0.183	-12.6		58559	502	0.024	0.027	-11.1		58802	504	0.038	0.043	-11.6	
58096	504	0.113	0.130	-13.1		58559	503	0.018	0.020	-10.0		58813	502	0.151	0.179	-15.6	
58301	502	0.050	0.059	-15.3		58559	504	0.012	0.014	-14.3		58813	503	0.167	0.201	-16.9	
58301	503	0.055	0.067	-17.9		58560	502	0.057	0.065	-12.3		58813	504	0.130	0.156	-16.7	
58301	504	0.043	0.052	-17.3		58560	503	0.042	0.048	-12.5		58822	502	0.199	0.225	-11.6	
58302	502	0.058	0.066	-12.1		58560	504	0.030	0.034	-11.8		58822	503	0.147	0.168	-12.5	
58302	503	0.043	0.049	-12.2		58575	502	0.074	0.083	-10.8		58822	504	0.104	0.119	-12.6	
58302	504	0.031	0.035	-11.4		58575	503	0.055	0.062	-11.3		58837	502	0.300	0.360	-16.7	
58397	502	0.340	0.380	-10.5		58575	504	0.039	0.044	-11.4		58837	503	0.340	0.400	-15.0	
58397	503	0.250	0.290	-13.8		58627	502	0.236	0.270	-12.6		58837	504	0.260	0.310	-16.1	

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LOSS COST PERCENT CHANGE BY CLASS

Class	Terr	Proposed Loss Cost	Present Loss Cost	Percent Change	Capping Flag	Class	Terr	Proposed Loss Cost	Present Loss Cost	Percent Change	Capping Flag	Class	Terr	Proposed Loss Cost	Present Loss Cost	Percent Change	Capping Flag
58840	502	0.091	0.108	-15.7		59257	504	0.012	0.014	-14.3		59713	503	0.180	0.206	-12.6	
58840	503	0.101	0.121	-16.5		59306	502	0.146	0.165	-11.5		59713	504	0.128	0.146	-12.3	
58840	504	0.078	0.094	-17.0		59306	503	0.108	0.123	-12.2		59722	502	0.126	0.142	-11.3	
58873	502	0.145	0.172	-15.7		59306	504	0.077	0.088	-12.5		59722	503	0.093	0.107	-13.1	
58873	503	0.160	0.193	-17.1		59378	502	0.097	0.116	-16.4		59722	504	0.066	0.076	-13.2	
58873	504	0.124	0.150	-17.3		59378	503	0.108	0.130	-16.9		59723	502	0.047	0.054	-13.0	
58903	502	0.046	0.051	-9.8		59378	504	0.083	0.101	-17.8		59723	503	0.035	0.040	-12.5	
58903	503	0.034	0.039	-12.8		59481	502	0.390	0.440	-11.4		59723	504	0.025	0.029	-13.8	
58903	504	0.024	0.027	-11.1		59481	503	0.290	0.330	-12.1		59724	502	0.073	0.082	-11.0	
58904	502	0.035	0.039	-10.3		59481	504	0.206	0.236	-12.7		59724	503	0.054	0.062	-12.9	
58904	503	0.026	0.030	-13.3		59482	502	0.370	0.410	-9.8		59724	504	0.038	0.044	-13.6	
58904	504	0.018	0.021	-14.3		59482	503	0.390	0.440	-11.4		59725	502	0.091	0.102	-10.8	
58922	502	0.241	0.290	-16.9		59482	504	0.370	0.420	-11.9		59725	503	0.067	0.077	-13.0	
58922	503	0.270	0.320	-15.6		59537	502	0.105	0.125	-16.0		59725	504	0.048	0.054	-11.1	
58922	504	0.206	0.249	-17.3		59537	503	0.116	0.140	-17.1		59726	502	0.066	0.074	-10.8	
59005	502	0.086	0.097	-11.3		59537	504	0.090	0.109	-17.4		59726	503	0.049	0.056	-12.5	
59005	503	0.064	0.073	-12.3		59601	502	0.148	0.167	-11.4		59726	504	0.035	0.040	-12.5	
59005	504	0.045	0.052	-13.5		59601	503	0.109	0.125	-12.8		59738	502	0.210	0.238	-11.8	
59057	502	0.640	0.720	-11.1		59601	504	0.078	0.089	-12.4		59738	503	0.156	0.178	-12.4	
59057	503	0.470	0.540	-13.0		59647	502	0.166	0.184	-9.8		59738	504	0.110	0.126	-12.7	
59057	504	0.340	0.380	-10.5		59647	503	0.176	0.197	-10.7		59750	502	0.078	0.093	-16.1	
59058	502	0.410	0.470	-12.8		59647	504	0.167	0.188	-11.2		59750	503	0.087	0.104	-16.3	
59058	503	0.310	0.350	-11.4		59660	502	0.270	0.310	-12.9		59750	504	0.067	0.081	-17.3	
59058	504	0.217	0.249	-12.9		59660	503	0.201	0.230	-12.6		59751	502	0.028	0.033	-15.2	
59188	502	0.360	0.400	-10.0		59660	504	0.143	0.163	-12.3		59751	503	0.031	0.038	-18.4	
59188	503	0.380	0.420	-9.5		59661	502	0.133	0.151	-11.9		59751	504	0.024	0.029	-17.2	
59188	504	0.360	0.400	-10.0		59661	503	0.099	0.113	-12.4		59773	502	0.021	0.023	-8.7	
59189	502	0.490	0.540	-9.3		59661	504	0.070	0.080	-12.5		59773	503	0.022	0.025	-12.0	
59189	503	0.520	0.580	-10.3		59693	502	0.022	0.025	-12.0		59773	504	0.021	0.024	-12.5	
59189	504	0.490	0.550	-10.9		59693	503	0.017	0.019	-10.5		59774	502	0.017	0.019	-10.5	
59223	502	0.150	0.178	-15.7		59693	504	0.012	0.013	-7.7		59774	503	0.018	0.021	-14.3	
59223	503	0.166	0.200	-17.0		59701	502	0.011	0.012	-8.3		59774	504	0.017	0.020	-15.0	
59223	504	0.129	0.155	-16.8		59701	503	0.008	0.009	-11.1		59775	502	0.022	0.025	-12.0	
59257	502	0.023	0.026	-11.5		59701	504	0.006	0.006	0.0		59775	503	0.024	0.026	-7.7	
59257	503	0.017	0.020	-15.0		59713	502	0.243	0.270	-10.0		59775	504	0.022	0.025	-12.0	

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59781	502	0.068	0.081	-16.0		59904	504	0.057	0.069	-17.4		59947	503	0.074	0.089	-16.9	
59781	503	0.075	0.090	-16.7		59905	502	0.114	0.129	-11.6		59947	504	0.057	0.069	-17.4	
59781	504	0.058	0.070	-17.1		59905	503	0.085	0.097	-12.4		59955	502	0.039	0.044	-11.4	
59782	502	0.101	0.120	-15.8		59905	504	0.060	0.069	-13.0		59955	503	0.029	0.033	-12.1	
59782	503	0.112	0.135	-17.0		59914	502	0.670	0.760	-11.8		59955	504	0.020	0.023	-13.0	
59782	504	0.087	0.105	-17.1		59914	503	0.500	0.570	-12.3		59963	502	0.290	0.330	-12.1	
59783	502	0.099	0.117	-15.4		59914	504	0.350	0.400	-12.5		59963	503	0.214	0.244	-12.3	
59783	503	0.109	0.131	-16.8		59915	502	0.222	0.260	-14.6		59963	504	0.151	0.173	-12.7	
59783	504	0.085	0.102	-16.7		59915	503	0.246	0.300	-18.0		59964	502	0.680	0.760	-10.5	
59784	502	0.076	0.090	-15.6		59915	504	0.190	0.229	-17.0		59964	503	0.500	0.570	-12.3	
59784	503	0.084	0.101	-16.8		59917	502	0.041	0.049	-16.3		59964	504	0.350	0.410	-14.6	
59784	504	0.065	0.078	-16.7		59917	503	0.045	0.055	-18.2		59970	502	0.090	0.106	-15.1	
59790	502	0.162	0.183	-11.5		59917	504	0.035	0.042	-16.7		59970	503	0.099	0.119	-16.8	
59790	503	0.120	0.137	-12.4		59923	502	0.016	0.019	-15.8		59970	504	0.077	0.093	-17.2	
59790	504	0.085	0.098	-13.3		59923	503	0.012	0.014	-14.3		59973	502	0.186	0.210	-11.4	
59798	502	0.260	0.310	-16.1		59923	504	0.009	0.010	-10.0		59973	503	0.138	0.158	-12.7	
59798	503	0.290	0.340	-14.7		59925	502	0.300	0.320	-6.3		59973	504	0.098	0.112	-12.5	
59798	504	0.221	0.270	-18.1		59925	503	0.246	0.260	-5.4		59975	502	0.126	0.149	-15.4	
59806	502	0.185	0.219	-15.5		59925	504	0.249	0.270	-7.8		59975	503	0.139	0.167	-16.8	
59806	503	0.204	0.246	-17.1		59926	502	0.260	0.270	-3.7		59975	504	0.108	0.130	-16.9	
59806	504	0.158	0.191	-17.3		59926	503	0.209	0.223	-6.3		59977	502	0.072	0.085	-15.3	
59867	502	0.183	0.206	-11.2		59926	504	0.212	0.229	-7.4		59977	503	0.079	0.096	-17.7	
59867	503	0.135	0.155	-12.9		59927	502	0.172	0.182	-5.5		59977	504	0.062	0.074	-16.2	
59867	504	0.096	0.110	-12.7		59927	503	0.140	0.150	-6.7		59984	502	0.051	0.058	-12.1	
59886	502	0.025	0.028	-10.7		59927	504	0.143	0.154	-7.1		59984	503	0.038	0.043	-11.6	
59886	503	0.018	0.021	-14.3		59931	502	0.300	0.340	-11.8		59984	504	0.027	0.031	-12.9	
59886	504	0.013	0.015	-13.3		59931	503	0.224	0.260	-13.8		59985	502	0.199	0.225	-11.6	
59889	502	0.069	0.077	-10.4		59931	504	0.159	0.182	-12.6		59985	503	0.148	0.169	-12.4	
59889	503	0.074	0.082	-9.8		59932	502	0.330	0.370	-10.8		59985	504	0.105	0.120	-12.5	
59889	504	0.070	0.079	-11.4		59932	503	0.241	0.280	-13.9		59986	502	0.152	0.172	-11.6	
59892	502	0.099	0.117	-15.4		59932	504	0.171	0.196	-12.8		59986	503	0.113	0.129	-12.4	
59892	503	0.109	0.131	-16.8		59941	502	0.101	0.114	-11.4		59986	504	0.080	0.091	-12.1	
59892	504	0.085	0.102	-16.7		59941	503	0.075	0.086	-12.8		59988	502	0.032	0.038	-15.8	
59904	502	0.067	0.079	-15.2		59941	504	0.053	0.061	-13.1		59988	503	0.035	0.043	-18.6	
59904	503	0.074	0.089	-16.9		59947	502	0.067	0.079	-15.2		59988	504	0.027	0.033	-18.2	

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59989	502	0.027	0.030	-10.0		61217	504	14.600	13.600	+7.4		63011	503	44.000	40.000	+10.0	
59989	503	0.020	0.023	-13.0		61218	502	16.000	14.300	+11.9		63011	504	43.100	40.400	+6.7	
59989	504	0.014	0.016	-12.5		61218	503	12.600	11.400	+10.5		63012	502	91.500	81.600	+12.1	
60010	502	28.600	25.500	+12.2		61218	504	9.960	9.310	+7.0		63012	503	62.600	56.900	+10.0	
60010	503	19.600	17.800	+10.1		61223	502	114.000	101.000	+12.9		63012	504	61.300	57.400	+6.8	
60010	504	19.200	17.900	+7.3		61223	503	89.200	81.000	+10.1		63013	502	86.700	77.300	+12.2	
60011	502	32.900	29.300	+12.3		61223	504	70.800	66.200	+6.9		63013	503	59.200	53.900	+9.8	
60011	503	22.500	20.500	+9.8		61224	502	36.300	32.300	+12.4		63013	504	58.100	54.400	+6.8	
60011	504	22.000	20.600	+6.8		61224	503	28.400	25.800	+10.1		63215	502	66.300	58.900	+12.6	
60012	502	54.100	48.200	+12.2		61224	504	22.600	21.100	+7.1		63215	503	51.900	47.100	+10.2	
60012	503	37.000	33.600	+10.1		61225	502	50.400	44.800	+12.5		63215	504	41.200	38.500	+7.0	
60012	504	36.200	33.900	+6.8		61225	503	39.500	35.800	+10.3		63216	502	46.000	40.900	+12.5	
60013	502	46.300	41.300	+12.1		61225	504	31.300	29.300	+6.8		63216	503	36.000	32.700	+10.1	
60013	503	31.700	28.800	+10.1		61226	502	84.800	75.400	+12.5		63216	504	28.600	26.700	+7.1	
60013	504	31.100	29.100	+6.9		61226	503	66.400	60.300	+10.1		63217	502	96.300	76.900	+25.2	
60015	502	34.600	30.900	+12.0		61226	504	52.700	49.200	+7.1		63217	503	85.100	69.400	+22.6	
60015	503	23.700	21.500	+10.2		61227	502	77.600	69.000	+12.5		63217	504	92.700	77.800	+19.2	
60015	504	23.200	21.700	+6.9		61227	503	60.800	55.200	+10.1		63218	502	32.400	25.900	+25.1	
60016	502	38.900	34.700	+12.1		61227	504	48.200	45.100	+6.9		63218	503	28.700	23.400	+22.6	
60016	503	26.600	24.200	+9.9		62000	502	17.700	15.700	+12.7		63218	504	31.200	26.200	+19.1	
60016	504	26.100	24.400	+7.0		62000	503	13.800	12.600	+9.5		64074	502	23.400	19.400	+20.6	
60035	502	45.500	40.400	+12.6		62000	504	11.000	10.300	+6.8		64074	503	23.500	19.900	+18.1	
60035	503	35.600	32.300	+10.2		62001	502	13.900	12.400	+12.1		64074	504	20.200	17.600	+14.8	
60035	504	28.300	26.400	+7.2		62001	503	10.900	9.910	+10.0		64075	502	16.500	13.700	+20.4	
61000	502	28.300	25.200	+12.3		62001	504	8.660	8.100	+6.9		64075	503	16.500	14.000	+17.9	
61000	503	19.400	17.600	+10.2		62002	502	6.370	5.660	+12.5		64075	504	14.200	12.400	+14.5	
61000	504	19.000	17.800	+6.7		62002	503	4.980	4.530	+9.9		65007	502	40.400	35.900	+12.5	
61212	502	23.200	20.700	+12.1		62002	504	3.960	3.700	+7.0		65007	503	31.600	28.700	+10.1	
61212	503	18.200	16.500	+10.3		62003	502	20.000	17.800	+12.4		65007	504	25.100	23.400	+7.3	
61212	504	14.400	13.500	+6.7		62003	503	15.700	14.300	+9.8		66122	502	17.400	15.400	+13.0	
61216	502	25.800	22.900	+12.7		62003	504	12.500	11.600	+7.8		66122	503	13.600	12.300	+10.6	
61216	503	20.200	18.300	+10.4		63010	502	51.500	45.900	+12.2		66122	504	10.800	10.100	+6.9	
61216	504	16.000	15.000	+6.7		63010	503	35.200	32.000	+10.0		66123	502	9.550	8.490	+12.5	
61217	502	23.500	20.900	+12.4		63010	504	34.500	32.300	+6.8		66123	503	7.480	6.790	+10.2	
61217	503	18.400	16.700	+10.2		63011	502	64.400	57.400	+12.2		66123	504	5.930	5.550	+6.8	

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66309	502	27.900	24.800	+12.5		68001	504	69.600	65.100	+6.9		91125	503	2.050	2.230	-8.1	
66309	503	21.800	19.800	+10.1		68439	502	144.000	128.000	+12.5		91125	504	2.050	2.230	-8.1	
66309	504	17.300	16.200	+6.8		68439	503	113.000	102.000	+10.8		91127	502	1.630	1.810	-9.9	
66561	502	64.600	57.400	+12.5		68439	504	89.500	83.700	+6.9		91127	503	1.630	1.810	-9.9	
66561	503	50.600	45.900	+10.2		68500	502	6.290	5.610	+12.1		91127	504	1.630	1.810	-9.9	
66561	504	40.100	37.500	+6.9		68500	503	4.300	3.910	+10.0		91130	502	0.990	1.100	-10.0	
67017	502	59.900	53.300	+12.4		68500	504	4.220	3.950	+6.8		91130	503	0.990	1.100	-10.0	
67017	503	46.900	42.600	+10.1		68604	502	2.690	2.400	+12.1		91130	504	0.990	1.100	-10.0	
67017	504	37.200	34.800	+6.9		68604	503	2.110	1.920	+9.9		91135	502	0.280	0.310	-9.7	
67508	502	68.800	61.400	+12.1		68604	504	1.670	1.570	+6.4		91135	503	0.280	0.310	-9.7	
67508	503	56.400	51.400	+9.7		68606	502	10.500	9.360	+12.2		91135	504	0.280	0.310	-9.7	
67508	504	54.400	51.000	+6.7		68606	503	8.240	7.480	+10.2		91150	502	1.540	1.710	-9.9	
67509	502	50.400	45.000	+12.0		68606	504	6.540	6.110	+7.0		91150	503	1.540	1.710	-9.9	
67509	503	41.300	37.700	+9.5		68607	502	8.320	7.390	+12.6		91150	504	1.540	1.710	-9.9	
67509	504	39.900	37.400	+6.7		68607	503	6.510	5.910	+10.2		91155	502	3.420	3.800	-10.0	
67510	502	28.100	25.100	+12.0		68607	504	5.170	4.830	+7.0		91155	503	3.420	3.800	-10.0	
67510	503	23.000	21.000	+9.5		68702	502	6.850	6.090	+12.5		91155	504	3.420	3.800	-10.0	
67510	504	22.200	20.800	+6.7		68702	503	5.370	4.870	+10.3		91160	502	0.820	0.900	-8.9	
67511	502	30.400	27.100	+12.2		68702	504	4.260	3.980	+7.0		91160	503	0.820	0.900	-8.9	
67511	503	24.900	22.700	+9.7		68703	502	5.130	4.560	+12.5		91160	504	0.820	0.900	-8.9	
67511	504	24.000	22.500	+6.7		68703	503	4.020	3.650	+10.1		91175	502	0.710	0.770	-7.8	
67512	502	130.000	116.000	+12.1		68703	504	3.190	2.980	+7.0		91175	503	0.710	0.770	-7.8	
67512	503	107.000	97.200	+10.1		68706	502	22.000	19.600	+12.2		91175	504	0.710	0.770	-7.8	
67512	504	103.000	96.500	+6.7		68706	503	17.200	15.600	+10.3		91177	502	3.100	3.380	-8.3	
67513	502	82.500	73.700	+11.9		68706	504	13.700	12.800	+7.0		91177	503	3.100	3.380	-8.3	
67513	503	67.600	61.700	+9.6		68707	502	21.800	19.400	+12.4		91177	504	3.100	3.380	-8.3	
67513	504	65.300	61.200	+6.7		68707	503	17.000	15.500	+9.7		91179	502	3.110	3.390	-8.3	
67634	502	51.900	46.100	+12.6		68707	504	13.500	12.600	+7.1		91179	503	3.110	3.390	-8.3	
67634	503	40.600	36.900	+10.0		90089	502	3.400	3.710	-8.4		91179	504	3.110	3.390	-8.3	
67634	504	32.200	30.100	+7.0		90089	503	3.400	3.710	-8.4		91190	502	1.670	1.820	-8.2	
67635	502	36.700	32.600	+12.6		90089	504	3.400	3.710	-8.4		91190	503	1.670	1.820	-8.2	
67635	503	28.700	26.100	+10.0		91111	502	2.430	2.690	-9.7		91190	504	1.670	1.820	-8.2	
67635	504	22.800	21.300	+7.0		91111	503	2.430	2.690	-9.7		91200	502	0.560	0.630	-11.1	
68001	502	112.000	99.600	+12.4		91111	504	2.430	2.690	-9.7		91200	503	0.560	0.630	-11.1	
68001	503	87.700	79.600	+10.2		91125	502	2.050	2.230	-8.1		91200	504	0.560	0.630	-11.1	

L - Lower Cap Applied
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LOSS COST PERCENT CHANGE BY CLASS

Class	Terr	Proposed Loss	Present Cost	Percent Change	Capping Flag	Class	Terr	Proposed Loss	Present Cost	Percent Change	Capping Flag	Class	Terr	Proposed Loss	Present Cost	Percent Change	Capping Flag
91235	502	1.880	2.090	-10.0		91405	504	4.130	4.560	-9.4		91590	503	2.720	2.970	-8.4	
91235	503	1.880	2.090	-10.0		91436	502	4.020	4.390	-8.4		91590	504	2.720	2.970	-8.4	
91235	504	1.880	2.090	-10.0		91436	503	4.020	4.390	-8.4		91606	502	9.670	10.800	-10.5	
91250	502	2.830	3.150	-10.2		91436	504	4.020	4.390	-8.4		91606	503	9.670	10.800	-10.5	
91250	503	2.830	3.150	-10.2		91481	502	14.700	16.000	-8.1		91606	504	9.670	10.800	-10.5	
91250	504	2.830	3.150	-10.2		91481	503	14.700	16.000	-8.1		91629	502	1.980	2.200	-10.0	
91265	502	12.100	13.400	-9.7		91481	504	14.700	16.000	-8.1		91629	503	1.980	2.200	-10.0	
91265	503	12.100	13.400	-9.7		91507	502	2.160	2.360	-8.5		91629	504	1.980	2.200	-10.0	
91265	504	12.100	13.400	-9.7		91507	503	2.160	2.360	-8.5		91636	502	3.390	3.770	-10.1	
91266	502	6.390	7.120	-10.3		91507	504	2.160	2.360	-8.5		91636	503	3.390	3.770	-10.1	
91266	503	6.390	7.120	-10.3		91523	502	33.300	36.400	-8.5		91636	504	3.390	3.770	-10.1	
91266	504	6.390	7.120	-10.3		91523	503	33.300	36.400	-8.5		91641	502	0.920	1.020	-9.8	
91302	502	8.030	8.870	-9.5		91523	504	33.300	36.400	-8.5		91641	503	0.920	1.020	-9.8	
91302	503	8.030	8.870	-9.5		91547	502	0.190	0.207	-8.2		91641	504	0.920	1.020	-9.8	
91302	504	8.030	8.870	-9.5		91547	503	0.190	0.207	-8.2		91666	502	0.730	0.800	-8.8	
91315	502	2.440	2.690	-9.3		91547	504	0.190	0.207	-8.2		91666	503	0.730	0.800	-8.8	
91315	503	2.440	2.690	-9.3		91551	502	1.180	1.280	-7.8		91666	504	0.730	0.800	-8.8	
91315	504	2.440	2.690	-9.3		91551	503	1.180	1.280	-7.8		91722	502	2.960	3.300	-10.3	
91324	502	5.430	6.000	-9.5		91551	504	1.180	1.280	-7.8		91722	503	2.960	3.300	-10.3	
91324	503	5.430	6.000	-9.5		91555	502	1.130	1.260	-10.3		91722	504	2.960	3.300	-10.3	
91324	504	5.430	6.000	-9.5		91555	503	1.130	1.260	-10.3		91746	502	2.620	2.860	-8.4	
91340	502	3.540	3.920	-9.7		91555	504	1.130	1.260	-10.3		91746	503	2.620	2.860	-8.4	
91340	503	3.540	3.920	-9.7		91560	502	3.530	3.930	-10.2		91746	504	2.620	2.860	-8.4	
91340	504	3.540	3.920	-9.7		91560	503	3.530	3.930	-10.2		91805	502	0.164	0.179	-8.4	
91341	502	3.550	3.880	-8.5		91560	504	3.530	3.930	-10.2		91805	503	0.164	0.179	-8.4	
91341	503	3.550	3.880	-8.5		91562	502	2.620	2.860	-8.4		91805	504	0.164	0.179	-8.4	
91341	504	3.550	3.880	-8.5		91562	503	2.620	2.860	-8.4		92053	502	0.400	0.440	-9.1	
91342	502	3.250	3.590	-9.5		91562	504	2.620	2.860	-8.4		92053	503	0.400	0.440	-9.1	
91342	503	3.250	3.590	-9.5		91577	502	9.370	10.200	-8.1		92053	504	0.400	0.440	-9.1	
91342	504	3.250	3.590	-9.5		91577	503	9.370	10.200	-8.1		92054	502	0.139	0.152	-8.6	
91343	502	0.780	0.860	-9.3		91577	504	9.370	10.200	-8.1		92054	503	0.139	0.152	-8.6	
91343	503	0.780	0.860	-9.3		91580	502	4.660	5.190	-10.2		92054	504	0.139	0.152	-8.6	
91343	504	0.780	0.860	-9.3		91580	503	4.660	5.190	-10.2		92055	502	3.880	4.240	-8.5	
91405	502	4.130	4.560	-9.4		91580	504	4.660	5.190	-10.2		92055	503	3.880	4.240	-8.5	
91405	503	4.130	4.560	-9.4		91590	502	2.720	2.970	-8.4		92055	504	3.880	4.240	-8.5	

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LOSS COST PERCENT CHANGE BY CLASS

Class	Terr	Proposed Loss	Present Cost	Percent Change	Capping Flag	Class	Terr	Proposed Loss	Present Cost	Percent Change	Capping Flag	Class	Terr	Proposed Loss	Present Cost	Percent Change	Capping Flag
92101	502	6.070	6.620	-8.3		92663	504	0.460	0.510	-9.8		95233	503	2.490	2.720	-8.5	
92101	503	6.070	6.620	-8.3		94007	502	8.660	9.450	-8.4		95233	504	2.490	2.720	-8.5	
92101	504	6.070	6.620	-8.3		94007	503	8.660	9.450	-8.4		95305	502	2.710	2.950	-8.1	
92102	502	3.650	3.990	-8.5		94007	504	8.660	9.450	-8.4		95305	503	2.710	2.950	-8.1	
92102	503	3.650	3.990	-8.5		94099	502	1.970	2.150	-8.4		95305	504	2.710	2.950	-8.1	
92102	504	3.650	3.990	-8.5		94099	503	1.970	2.150	-8.4		95306	502	3.880	4.320	-10.2	
92215	502	2.700	3.000	-10.0		94099	504	1.970	2.150	-8.4		95306	503	3.880	4.320	-10.2	
92215	503	2.700	3.000	-10.0		94225	502	6.940	7.570	-8.3		95306	504	3.880	4.320	-10.2	
92215	504	2.700	3.000	-10.0		94225	503	6.940	7.570	-8.3		95310	502	6.460	7.050	-8.4	
92338	502	1.400	1.530	-8.5		94225	504	6.940	7.570	-8.3		95310	503	6.460	7.050	-8.4	
92338	503	1.400	1.530	-8.5		94276	502	3.620	3.950	-8.4		95310	504	6.460	7.050	-8.4	
92338	504	1.400	1.530	-8.5		94276	503	3.620	3.950	-8.4		95357	502	0.990	1.100	-10.0	
92445	502	1.940	2.160	-10.2		94276	504	3.620	3.950	-8.4		95357	503	0.990	1.100	-10.0	
92445	503	1.940	2.160	-10.2		94304	502	2.400	2.670	-10.1		95357	504	0.990	1.100	-10.0	
92445	504	1.940	2.160	-10.2		94304	503	2.400	2.670	-10.1		95410	502	3.490	3.810	-8.4	
92446	502	4.610	5.040	-8.5		94304	504	2.400	2.670	-10.1		95410	503	3.490	3.810	-8.4	
92446	503	4.610	5.040	-8.5		94381	502	4.510	5.010	-10.0		95410	504	3.490	3.810	-8.4	
92446	504	4.610	5.040	-8.5		94381	503	4.510	5.010	-10.0		95455	502	4.090	4.560	-10.3	
92447	502	4.030	4.400	-8.4		94381	504	4.510	5.010	-10.0		95455	503	4.090	4.560	-10.3	
92447	503	4.030	4.400	-8.4		94404	502	3.430	3.740	-8.3		95455	504	4.090	4.560	-10.3	
92447	504	4.030	4.400	-8.4		94404	503	3.430	3.740	-8.3		95487	502	1.870	2.040	-8.3	
92451	502	1.880	2.090	-10.0		94404	504	3.430	3.740	-8.3		95487	503	1.870	2.040	-8.3	
92451	503	1.880	2.090	-10.0		94569	502	2.310	2.520	-8.3		95487	504	1.870	2.040	-8.3	
92451	504	1.880	2.090	-10.0		94569	503	2.310	2.520	-8.3		95505	502	1.910	2.120	-9.9	
92453	502	2.550	2.790	-8.6		94569	504	2.310	2.520	-8.3		95505	503	1.910	2.120	-9.9	
92453	503	2.550	2.790	-8.6		94590	502	9.970	10.900	-8.5		95505	504	1.910	2.120	-9.9	
92453	504	2.550	2.790	-8.6		94590	503	9.970	10.900	-8.5		95620	502	1.520	1.660	-8.4	
92478	502	1.260	1.380	-8.7		94590	504	9.970	10.900	-8.5		95620	503	1.520	1.660	-8.4	
92478	503	1.260	1.380	-8.7		94617	502	3.150	3.440	-8.4		95620	504	1.520	1.660	-8.4	
92478	504	1.260	1.380	-8.7		94617	503	3.150	3.440	-8.4		95625	502	3.840	4.240	-9.4	
92593	502	24.700	27.400	-9.9		94617	504	3.150	3.440	-8.4		95625	503	3.840	4.240	-9.4	
92593	503	24.700	27.400	-9.9		95124	502	1.160	1.270	-8.7		95625	504	3.840	4.240	-9.4	
92593	504	24.700	27.400	-9.9		95124	503	1.160	1.270	-8.7		95647	502	2.270	2.520	-9.9	
92663	502	0.460	0.510	-9.8		95124	504	1.160	1.270	-8.7		95647	503	2.270	2.520	-9.9	
92663	503	0.460	0.510	-9.8		95233	502	2.490	2.720	-8.5		95647	504	2.270	2.520	-9.9	

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LOSS COST PERCENT CHANGE BY CLASS

Class	Terr	Proposed Loss	Present Cost	Percent Change	Capping Flag	Class	Terr	Proposed Loss	Present Cost	Percent Change	Capping Flag	Class	Terr	Proposed Loss	Present Cost	Percent Change	Capping Flag
96053	502	1.720	1.910	-9.9		97111	504	4.170	4.550	-8.4		98002	503	0.670	0.750	-10.7	
96053	503	1.720	1.910	-9.9		97220	502	0.260	0.290	-10.3		98002	504	0.670	0.750	-10.7	
96053	504	1.720	1.910	-9.9		97220	503	0.260	0.290	-10.3		98003	502	0.770	0.840	-8.3	
96317	502	1.020	1.140	-10.5		97220	504	0.260	0.290	-10.3		98003	503	0.770	0.840	-8.3	
96317	503	1.020	1.140	-10.5		97222	502	1.250	1.380	-9.4		98003	504	0.770	0.840	-8.3	
96317	504	1.020	1.140	-10.5		97222	503	1.250	1.380	-9.4		98090	502	0.104	0.113	-8.0	
96408	502	3.020	3.300	-8.5		97222	504	1.250	1.380	-9.4		98090	503	0.104	0.113	-8.0	
96408	503	3.020	3.300	-8.5		97223	502	1.880	2.090	-10.0		98090	504	0.104	0.113	-8.0	
96408	504	3.020	3.300	-8.5		97223	503	1.880	2.090	-10.0		98091	502	0.113	0.123	-8.1	
96409	502	2.790	3.050	-8.5		97223	504	1.880	2.090	-10.0		98091	503	0.113	0.123	-8.1	
96409	503	2.790	3.050	-8.5		97308	502	0.490	0.550	-10.9		98091	504	0.113	0.123	-8.1	
96409	504	2.790	3.050	-8.5		97308	503	0.490	0.550	-10.9		98092	502	0.340	0.370	-8.1	
96410	502	2.450	2.680	-8.6		97308	504	0.490	0.550	-10.9		98092	503	0.340	0.370	-8.1	
96410	503	2.450	2.680	-8.6		97447	502	1.620	1.810	-10.5		98092	504	0.340	0.370	-8.1	
96410	504	2.450	2.680	-8.6		97447	503	1.620	1.810	-10.5		98111	502	0.480	0.530	-9.4	
96611	502	0.810	0.900	-10.0		97447	504	1.620	1.810	-10.5		98111	503	0.480	0.530	-9.4	
96611	503	0.810	0.900	-10.0		97650	502	2.880	3.150	-8.6		98111	504	0.480	0.530	-9.4	
96611	504	0.810	0.900	-10.0		97650	503	2.880	3.150	-8.6		98152	502	2.260	2.520	-10.3	
96702	502	3.480	3.790	-8.2		97650	504	2.880	3.150	-8.6		98152	503	2.260	2.520	-10.3	
96702	503	3.480	3.790	-8.2		97651	502	4.800	5.350	-10.3		98152	504	2.260	2.520	-10.3	
96702	504	3.480	3.790	-8.2		97651	503	4.800	5.350	-10.3		98153	502	2.540	2.830	-10.2	
96816	502	3.260	3.560	-8.4		97651	504	4.800	5.350	-10.3		98153	503	2.540	2.830	-10.2	
96816	503	3.260	3.560	-8.4		97652	502	4.160	4.640	-10.3		98153	504	2.540	2.830	-10.2	
96816	504	3.260	3.560	-8.4		97652	503	4.160	4.640	-10.3		98154	502	3.000	3.340	-10.2	
96872	502	3.630	4.050	-10.4		97652	504	4.160	4.640	-10.3		98154	503	3.000	3.340	-10.2	
96872	503	3.630	4.050	-10.4		97653	502	2.460	2.690	-8.6		98154	504	3.000	3.340	-10.2	
96872	504	3.630	4.050	-10.4		97653	503	2.460	2.690	-8.6		98155	502	4.200	4.680	-10.3	
97047	502	2.470	2.730	-9.5		97653	504	2.460	2.690	-8.6		98155	503	4.200	4.680	-10.3	
97047	503	2.470	2.730	-9.5		97654	502	4.300	4.690	-8.3		98155	504	4.200	4.680	-10.3	
97047	504	2.470	2.730	-9.5		97654	503	4.300	4.690	-8.3		98157	502	2.680	2.990	-10.4	
97050	502	1.920	2.120	-9.4		97654	504	4.300	4.690	-8.3		98157	503	2.680	2.990	-10.4	
97050	503	1.920	2.120	-9.4		97655	502	3.710	4.130	-10.2		98157	504	2.680	2.990	-10.4	
97050	504	1.920	2.120	-9.4		97655	503	3.710	4.130	-10.2		98159	502	1.800	2.010	-10.4	
97111	502	4.170	4.550	-8.4		97655	504	3.710	4.130	-10.2		98159	503	1.800	2.010	-10.4	
97111	503	4.170	4.550	-8.4		98002	502	0.670	0.750	-10.7		98159	504	1.800	2.010	-10.4	

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LOSS COST PERCENT CHANGE BY CLASS

Class	Terr	Proposed Loss	Present Cost	Percent Change	Capping Flag	Class	Terr	Proposed Loss	Present Cost	Percent Change	Capping Flag	Class	Terr	Proposed Loss	Present Cost	Percent Change	Capping Flag
98160	502	3.810	4.250	-10.4		98309	504	4.230	4.720	-10.4		98449	503	2.790	3.050	-8.5	
98160	503	3.810	4.250	-10.4		98344	502	0.550	0.610	-9.8		98449	504	2.790	3.050	-8.5	
98160	504	3.810	4.250	-10.4		98344	503	0.550	0.610	-9.8		98482	502	3.000	3.270	-8.3	
98161	502	4.270	4.760	-10.3		98344	504	0.550	0.610	-9.8		98482	503	3.000	3.270	-8.3	
98161	503	4.270	4.760	-10.3		98405	502	0.910	1.010	-9.9		98482	504	3.000	3.270	-8.3	
98161	504	4.270	4.760	-10.3		98405	503	0.910	1.010	-9.9		98483	502	4.420	4.830	-8.5	
98163	502	4.480	4.990	-10.2		98405	504	0.910	1.010	-9.9		98483	503	4.420	4.830	-8.5	
98163	503	4.480	4.990	-10.2		98413	502	11.400	12.400	-8.1		98483	504	4.420	4.830	-8.5	
98163	504	4.480	4.990	-10.2		98413	503	11.400	12.400	-8.1		98502	502	4.230	4.620	-8.4	
98164	502	1.590	1.760	-9.7		98413	504	11.400	12.400	-8.1		98502	503	4.230	4.620	-8.4	
98164	503	1.590	1.760	-9.7		98414	502	10.400	11.300	-8.0		98502	504	4.230	4.620	-8.4	
98164	504	1.590	1.760	-9.7		98414	503	10.400	11.300	-8.0		98555	502	1.970	2.150	-8.4	
98257	502	1.160	1.270	-8.7		98414	504	10.400	11.300	-8.0		98555	503	1.970	2.150	-8.4	
98257	503	1.160	1.270	-8.7		98415	502	1.370	1.490	-8.1		98555	504	1.970	2.150	-8.4	
98257	504	1.160	1.270	-8.7		98415	503	1.370	1.490	-8.1		98597	502	0.440	0.480	-8.3	
98303	502	8.430	9.400	-10.3		98415	504	1.370	1.490	-8.1		98597	503	0.440	0.480	-8.3	
98303	503	8.430	9.400	-10.3		98423	502	3.250	3.550	-8.5		98597	504	0.440	0.480	-8.3	
98303	504	8.430	9.400	-10.3		98423	503	3.250	3.550	-8.5		98598	502	0.152	0.166	-8.4	
98304	502	4.310	4.700	-8.3		98423	504	3.250	3.550	-8.5		98598	503	0.152	0.166	-8.4	
98304	503	4.310	4.700	-8.3		98424	502	5.510	6.010	-8.3		98598	504	0.152	0.166	-8.4	
98304	504	4.310	4.700	-8.3		98424	503	5.510	6.010	-8.3		98601	502	5.070	5.530	-8.3	
98305	502	1.980	2.190	-9.6		98424	504	5.510	6.010	-8.3		98601	503	5.070	5.530	-8.3	
98305	503	1.980	2.190	-9.6		98425	502	2.260	2.470	-8.5		98601	504	5.070	5.530	-8.3	
98305	504	1.980	2.190	-9.6		98425	503	2.260	2.470	-8.5		98624	502	0.800	0.870	-8.0	
98306	502	5.110	5.640	-9.4		98425	504	2.260	2.470	-8.5		98624	503	0.800	0.870	-8.0	
98306	503	5.110	5.640	-9.4		98426	502	2.000	2.180	-8.3		98624	504	0.800	0.870	-8.0	
98306	504	5.110	5.640	-9.4		98426	503	2.000	2.180	-8.3		98636	502	2.310	2.570	-10.1	
98307	502	1.370	1.490	-8.1		98426	504	2.000	2.180	-8.3		98636	503	2.310	2.570	-10.1	
98307	503	1.370	1.490	-8.1		98427	502	1.950	2.120	-8.0		98636	504	2.310	2.570	-10.1	
98307	504	1.370	1.490	-8.1		98427	503	1.950	2.120	-8.0		98640	502	87.400	95.400	-8.4	
98308	502	0.900	0.980	-8.2		98427	504	1.950	2.120	-8.0		98640	503	87.400	95.400	-8.4	
98308	503	0.900	0.980	-8.2		98429	502	0.880	0.980	-10.2		98640	504	87.400	95.400	-8.4	
98308	504	0.900	0.980	-8.2		98429	503	0.880	0.980	-10.2		98658	502	4.340	4.840	-10.3	
98309	502	4.230	4.720	-10.4		98429	504	0.880	0.980	-10.2		98658	503	4.340	4.840	-10.3	
98309	503	4.230	4.720	-10.4		98449	502	2.790	3.050	-8.5		98658	504	4.340	4.840	-10.3	

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LOSS COST PERCENT CHANGE BY CLASS

Class	Terr	Proposed Loss	Present Cost	Percent Change	Capping Flag	Class	Terr	Proposed Loss	Present Cost	Percent Change	Capping Flag	Class	Terr	Proposed Loss	Present Cost	Percent Change	Capping Flag
98659	502	0.780	0.860	-9.3		98820	504	6.900	7.530	-8.4		99220	503	1.160	1.300	-10.8	
98659	503	0.780	0.860	-9.3		98884	502	1.790	1.960	-8.7		99220	504	1.160	1.300	-10.8	
98659	504	0.780	0.860	-9.3		98884	503	1.790	1.960	-8.7		99222	502	2.190	2.440	-10.2	
98677	502	13.800	15.000	-8.0		98884	504	1.790	1.960	-8.7		99222	503	2.190	2.440	-10.2	
98677	503	13.800	15.000	-8.0		98914	502	0.530	0.590	-10.2		99222	504	2.190	2.440	-10.2	
98677	504	13.800	15.000	-8.0		98914	503	0.530	0.590	-10.2		99223	502	0.202	0.221	-8.6	
98678	502	12.200	13.400	-9.0		98914	504	0.530	0.590	-10.2		99223	503	0.202	0.221	-8.6	
98678	503	12.200	13.400	-9.0		98949	502	0.740	0.830	-10.8		99223	504	0.202	0.221	-8.6	
98678	504	12.200	13.400	-9.0		98949	503	0.740	0.830	-10.8		99303	502	11.000	12.000	-8.3	
98699	502	3.980	4.350	-8.5		98949	504	0.740	0.830	-10.8		99303	503	11.000	12.000	-8.3	
98699	503	3.980	4.350	-8.5		98967	502	2.820	3.080	-8.4		99303	504	11.000	12.000	-8.3	
98699	504	3.980	4.350	-8.5		98967	503	2.820	3.080	-8.4		99310	502	2.760	3.010	-8.3	
98705	502	6.140	6.840	-10.2		98967	504	2.820	3.080	-8.4		99310	503	2.760	3.010	-8.3	
98705	503	6.140	6.840	-10.2		98993	502	4.420	4.910	-10.0		99310	504	2.760	3.010	-8.3	
98705	504	6.140	6.840	-10.2		98993	503	4.420	4.910	-10.0		99315	502	8.100	8.840	-8.4	
98710	502	2.770	3.020	-8.3		98993	504	4.420	4.910	-10.0		99315	503	8.100	8.840	-8.4	
98710	503	2.770	3.020	-8.3		99003	502	1.340	1.460	-8.2		99315	504	8.100	8.840	-8.4	
98710	504	2.770	3.020	-8.3		99003	503	1.340	1.460	-8.2		99321	502	7.860	8.580	-8.4	
98751	502	3.280	3.660	-10.4		99003	504	1.340	1.460	-8.2		99321	503	7.860	8.580	-8.4	
98751	503	3.280	3.660	-10.4		99004	502	2.240	2.480	-9.7		99321	504	7.860	8.580	-8.4	
98751	504	3.280	3.660	-10.4		99004	503	2.240	2.480	-9.7		99471	502	0.530	0.590	-10.2	
98805	502	3.620	3.950	-8.4		99004	504	2.240	2.480	-9.7		99471	503	0.530	0.590	-10.2	
98805	503	3.620	3.950	-8.4		99080	502	0.950	1.030	-7.8		99471	504	0.530	0.590	-10.2	
98805	504	3.620	3.950	-8.4		99080	503	0.950	1.030	-7.8		99505	502	3.740	4.150	-9.9	
98806	502	2.150	2.390	-10.0		99080	504	0.950	1.030	-7.8		99505	503	3.740	4.150	-9.9	
98806	503	2.150	2.390	-10.0		99111	502	1.380	1.500	-8.0		99505	504	3.740	4.150	-9.9	
98806	504	2.150	2.390	-10.0		99111	503	1.380	1.500	-8.0		99506	502	4.600	5.110	-10.0	
98810	502	2.800	3.090	-9.4		99111	504	1.380	1.500	-8.0		99506	503	4.600	5.110	-10.0	
98810	503	2.800	3.090	-9.4		99163	502	3.290	3.590	-8.4		99506	504	4.600	5.110	-10.0	
98810	504	2.800	3.090	-9.4		99163	503	3.290	3.590	-8.4		99507	502	4.010	4.460	-10.1	
98813	502	2.700	2.980	-9.4		99163	504	3.290	3.590	-8.4		99507	503	4.010	4.460	-10.1	
98813	503	2.700	2.980	-9.4		99165	502	0.720	0.790	-8.9		99507	504	4.010	4.460	-10.1	
98813	504	2.700	2.980	-9.4		99165	503	0.720	0.790	-8.9		99570	502	2.150	2.390	-10.0	
98820	502	6.900	7.530	-8.4		99165	504	0.720	0.790	-8.9		99570	503	2.150	2.390	-10.0	
98820	503	6.900	7.530	-8.4		99220	502	1.160	1.300	-10.8		99570	504	2.150	2.390	-10.0	

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LOSS COST PERCENT CHANGE BY CLASS

Class	Terr	Proposed Loss Cost	Present Loss Cost	Percent Change	Capping Flag	Class	Terr	Proposed Loss Cost	Present Loss Cost	Percent Change	Capping Flag	Class	Terr	Proposed Loss Cost	Present Loss Cost	Percent Change	Capping Flag
99571	502	0.520	0.580	-10.3		99760	504	0.215	0.235	-8.5		99953	503	4.420	4.880	-9.4	
99571	503	0.520	0.580	-10.3		99777	502	4.850	5.350	-9.3		99953	504	4.420	4.880	-9.4	
99571	504	0.520	0.580	-10.3		99777	503	4.850	5.350	-9.3		99954	502	3.220	3.560	-9.6	
99572	502	1.020	1.130	-9.7		99777	504	4.850	5.350	-9.3		99954	503	3.220	3.560	-9.6	
99572	503	1.020	1.130	-9.7		99793	502	2.390	2.610	-8.4		99954	504	3.220	3.560	-9.6	
99572	504	1.020	1.130	-9.7		99793	503	2.390	2.610	-8.4		99955	502	4.030	4.450	-9.4	
99573	502	0.970	1.080	-10.2		99793	504	2.390	2.610	-8.4		99955	503	4.030	4.450	-9.4	
99573	503	0.970	1.080	-10.2		99826	502	0.550	0.610	-9.8		99955	504	4.030	4.450	-9.4	
99573	504	0.970	1.080	-10.2		99826	503	0.550	0.610	-9.8		99963	502	0.540	0.590	-8.5	
99600	502	0.980	1.080	-9.3		99826	504	0.550	0.610	-9.8		99963	503	0.540	0.590	-8.5	
99600	503	0.980	1.080	-9.3		99827	502	0.340	0.370	-8.1		99963	504	0.540	0.590	-8.5	
99600	504	0.980	1.080	-9.3		99827	503	0.340	0.370	-8.1		99969	502	2.120	2.360	-10.2	
99613	502	6.960	7.600	-8.4		99827	504	0.340	0.370	-8.1		99969	503	2.120	2.360	-10.2	
99613	503	6.960	7.600	-8.4		99851	502	1.390	1.520	-8.6		99969	504	2.120	2.360	-10.2	
99613	504	6.960	7.600	-8.4		99851	503	1.390	1.520	-8.6		99975	502	3.580	3.950	-9.4	
99614	502	2.180	2.410	-9.5		99851	504	1.390	1.520	-8.6		99975	503	3.580	3.950	-9.4	
99614	503	2.180	2.410	-9.5		99917	502	2.250	2.460	-8.5		99975	504	3.580	3.950	-9.4	
99614	504	2.180	2.410	-9.5		99917	503	2.250	2.460	-8.5		99988	502	1.870	2.080	-10.1	
99620	502	0.380	0.410	-7.3		99917	504	2.250	2.460	-8.5		99988	503	1.870	2.080	-10.1	
99620	503	0.380	0.410	-7.3		99938	502	2.530	2.760	-8.3		99988	504	1.870	2.080	-10.1	
99620	504	0.380	0.410	-7.3		99938	503	2.530	2.760	-8.3							
99650	502	1.020	1.130	-9.7		99938	504	2.530	2.760	-8.3							
99650	503	1.020	1.130	-9.7		99943	502	7.330	8.000	-8.4							
99650	504	1.020	1.130	-9.7		99943	503	7.330	8.000	-8.4							
99709	502	2.520	2.790	-9.7		99943	504	7.330	8.000	-8.4							
99709	503	2.520	2.790	-9.7		99946	502	5.460	5.960	-8.4							
99709	504	2.520	2.790	-9.7		99946	503	5.460	5.960	-8.4							
99718	502	1.110	1.210	-8.3		99946	504	5.460	5.960	-8.4							
99718	503	1.110	1.210	-8.3		99948	502	5.330	5.920	-10.0							
99718	504	1.110	1.210	-8.3		99948	503	5.330	5.920	-10.0							
99746	502	1.880	2.060	-8.7		99948	504	5.330	5.920	-10.0							
99746	503	1.880	2.060	-8.7		99952	502	4.100	4.530	-9.5							
99746	504	1.880	2.060	-8.7		99952	503	4.100	4.530	-9.5							
99760	502	0.215	0.235	-8.5		99952	504	4.100	4.530	-9.5							
99760	503	0.215	0.235	-8.5		99953	502	4.420	4.880	-9.4							

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LOSS COST PERCENT CHANGE BY CLASS

Class	Proposed Loss Cost	Present Loss Cost	Percent Change	Capping Flag	Class	Proposed Loss Cost	Present Loss Cost	Percent Change	Capping Flag	Class	Proposed Loss Cost	Present Loss Cost	Percent Change	Capping Flag
10010	0.137	0.167	-18.0		11259	0.175	0.140	+25.0	U	13759	0.098	0.102	-3.9	
10026	0.018	0.019	-5.3		11288	0.080	0.070	+14.3		13930	0.103	0.147	-29.9	
10040	0.300	0.320	-6.3		12014	0.036	0.037	-2.7		14068	0.008	0.010	-20.0	
10042	0.310	0.320	-3.1		12356	0.026	0.027	-3.7		14101	0.039	0.041	-4.9	
10060	0.055	0.057	-3.5		12361	0.063	0.066	-4.6		14279	0.062	0.064	-3.1	
10065	0.050	0.045	+11.1		12373	0.024	0.022	+9.1		14401	0.104	0.091	+14.3	
10066	0.063	0.063	0.0		12374	0.066	0.059	+11.9		14527	0.139	0.169	-17.8	
10070	0.094	0.134	-29.9		12375	0.046	0.041	+12.2		14855	0.083	0.110	-24.6	
10071	0.094	0.097	-3.1		12391	0.055	0.059	-6.8		14913	0.126	0.131	-3.8	
10073	0.430	0.440	-2.3		12509	0.020	0.026	-23.1		15223	0.032	0.039	-18.0	
10075	0.151	0.157	-3.8		12510	0.022	0.023	-4.3		15224	0.069	0.060	+15.0	
10100	0.059	0.052	+13.5		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	0.015	-6.7	
10107	0.217	0.225	-3.6		12797	0.153	0.177	-13.6		15600	0.082	0.085	-3.5	
10111	0.045	0.059	-23.7		12805	0.145	0.150	-3.3		15608	0.009	0.009	0.0	
10115	0.069	0.072	-4.2		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	0.023	0.024	-4.2	
10141	0.026	0.021	+23.8		13112	0.038	0.054	-29.6		15991	0.064	0.066	-3.0	
10145	0.010	0.008	+25.0	U	13201	0.097	0.123	-21.1		15993	0.040	0.042	-4.8	
10146	0.018	0.016	+12.5		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	0.139	0.144	-3.5	
10257	0.148	0.146	+1.4		13351	0.049	0.051	-3.9		16527	0.222	0.270	-17.8	
10309	0.015	0.016	-6.3		13352	0.035	0.036	-2.8		16604	0.074	0.100	-26.0	
10352	0.060	0.053	+13.2		13410	1.550	1.660	-6.6		16676	0.013	0.013	0.0	
11020	0.174	0.180	-3.3		13412	1.150	1.190	-3.4		16705	0.090	0.113	-20.4	
11039	0.071	0.062	+14.5		13506	0.060	0.062	-3.2		16750	0.036	0.035	+2.9	
11126	0.019	0.023	-17.4		13507	0.138	0.143	-3.5		16900	0.083	0.073	+13.7	
11127	0.008	0.008	0.0		13590	0.590	0.610	-3.3		16901	0.113	0.099	+14.1	
11128	0.063	0.065	-3.1		13621	0.320	0.340	-5.9		16902	0.062	0.055	+12.7	
11203	0.290	0.380	-23.7		13670	0.022	0.018	+22.2	U	16905	0.072	0.063	+14.3	
11204	1.250	1.300	-3.8		13673	0.016	0.014	+14.3		16906	0.102	0.090	+13.3	
11234	0.052	0.054	-3.7		13715	0.088	0.111	-20.7		16910	0.053	0.047	+12.8	
11248	0.010	0.013	-23.1		13716	0.092	0.096	-4.2		16911	0.052	0.046	+13.0	
11258	0.202	0.168	+20.2		13720	0.059	0.052	+13.5		16915	0.051	0.045	+13.3	

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LOSS COST PERCENT CHANGE BY CLASS

Class	Proposed Loss Cost	Present Loss Cost	Percent Change	Capping Flag	Class	Proposed Loss Cost	Present Loss Cost	Percent Change	Capping Flag	Class	Proposed Loss Cost	Present Loss Cost	Percent Change	Capping Flag
16916	0.060	0.053	+13.2		51116	0.520	0.640	-18.8		51666	0.059	0.085	-30.6	
16920	0.116	0.102	+13.7		51205	0.035	0.046	-23.9		51734	0.380	0.430	-11.6	
16921	0.046	0.041	+12.2		51206	0.400	0.370	+8.1		51741	0.246	0.260	-5.4	
16930	0.144	0.127	+13.4		51220	1.140	1.480	-23.0		51752	0.137	0.141	-2.8	
16931	0.061	0.054	+13.0		51221	1.120	1.470	-23.8		51767	0.005	0.007	-28.6	
16940	0.046	0.041	+12.2		51222	3.290	4.760	-30.9		51777	0.047	0.058	-19.0	
16941	0.082	0.072	+13.9		51224	0.960	1.170	-18.0		51808	0.430	0.530	-18.9	
18078	0.127	0.131	-3.1		51230	0.540	0.640	-15.6		51809	0.164	0.173	-5.2	
18109	0.026	0.027	-3.7		51240	0.193	0.215	-10.2		51833	0.034	0.051	-33.3	
18110	0.028	0.029	-3.4		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	0.097	0.100	-3.0		51254	0.019	0.025	-24.0		51889	0.007	0.010	-30.0	
18335	0.014	0.015	-6.7		51300	0.109	0.127	-14.2		51896	0.013	0.017	-23.5	
18435	0.065	0.058	+12.1		51305	0.650	0.760	-14.5		51900	0.085	0.098	-13.3	
18436	0.141	0.124	+13.7		51315	0.059	0.080	-26.3		51909	0.040	0.048	-16.7	
18501	0.015	0.013	+15.4		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	0.007	0.0		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	0.020	0.0		51355	0.081	0.082	-1.2		51957	0.330	0.370	-10.8	
18834	0.100	0.103	-2.9		51356	0.420	0.470	-10.6		51958	0.233	0.310	-24.8	
18911	0.016	0.017	-5.9		51357	1.180	0.950	+24.2	U	51960	0.248	0.300	-17.3	
18912	0.026	0.027	-3.7		51358	0.094	0.111	-15.3		51970	0.131	0.138	-5.1	
18920	0.017	0.017	0.0		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	0.060	0.062	-3.2		51380	0.026	0.039	-33.3		51999	0.250	0.320	-21.9	
45900	0.048	0.043	+11.6		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	0.153	0.149	+2.7		51552	0.113	0.137	-17.5		52315	0.237	0.270	-12.2	
49618	0.046	0.051	-9.8		51575	0.020	0.023	-13.0		52433	0.470	0.650	-27.7	
49619	0.107	0.111	-3.6		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	

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LOSS COST PERCENT CHANGE BY CLASS

Class	Proposed Loss Cost	Present Loss Cost	Percent Change	Capping Flag	Class	Proposed Loss Cost	Present Loss Cost	Percent Change	Capping Flag	Class	Proposed Loss Cost	Present Loss 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	0.025	0.022	+13.6		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	

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LOSS COST PERCENT CHANGE BY CLASS

Class	Proposed Loss Cost	Present Loss Cost	Percent Change	Capping Flag	Class	Proposed Loss Cost	Present Loss Cost	Percent Change	Capping Flag	Class	Proposed Loss Cost	Present Loss Cost	Percent Change	Capping Flag
59781	0.049	0.065	-24.6		91341	3.710	3.900	-4.9		96409	7.530	7.830	-3.8	
59782	0.630	0.620	+1.6		91342	3.420	3.600	-5.0		96410	7.840	8.240	-4.9	
59798	0.290	0.330	-12.1		91343	1.380	1.450	-4.8		96611	1.330	1.390	-4.3	
59886	0.072	0.087	-17.2		91436	2.000	2.100	-4.8		97221	1.100	1.140	-3.5	
59889	0.176	0.192	-8.3		91507	2.850	3.000	-5.0		97222	1.570	1.630	-3.7	
59904	0.110	0.088	+25.0	U	91551	0.660	0.690	-4.3		97223	2.480	2.580	-3.9	
59905	0.100	0.112	-10.7		91555	0.930	0.970	-4.1		97447	4.850	5.100	-4.9	
59914	0.580	0.650	-10.8		91560	4.130	4.350	-5.1		97650	3.420	3.600	-5.0	
59915	0.510	0.530	-3.8		91577	2.990	3.150	-5.1		97651	4.130	4.350	-5.1	
59917	0.195	0.222	-12.2		91746	5.270	5.550	-5.0		97652	4.420	4.650	-4.9	
59923	0.004	0.006	-33.3		92053	0.670	0.680	-1.5		97653	2.850	3.000	-5.0	
59925	1.110	1.150	-3.5		92054	0.260	0.220	+18.2		97654	2.710	2.850	-4.9	
59926	0.570	0.460	+23.9	U	92055	0.260	0.227	+14.5		97655	3.990	4.200	-5.0	
59927	0.880	1.100	-20.0		92101	2.850	3.000	-5.0		98002	0.900	0.940	-4.3	
59931	0.320	0.370	-13.5		92102	3.140	3.300	-4.8		98152	0.450	0.590	-23.7	
59932	0.570	0.690	-17.4		92215	2.850	3.000	-5.0		98157	0.300	0.310	-3.2	
59947	0.214	0.260	-17.7		92338	1.850	1.950	-5.1		98163	0.173	0.179	-3.4	
59955	0.098	0.114	-14.0		92446	1.710	1.800	-5.0		98164	0.060	0.062	-3.2	
59963	0.260	0.320	-18.8		92447	1.410	1.480	-4.7		98303	5.900	5.980	-1.3	
59964	0.052	0.059	-11.9		92451	2.140	2.250	-4.9		98304	3.540	3.590	-1.4	
59970	0.121	0.147	-17.7		92478	1.570	1.650	-4.8		98305	1.770	1.790	-1.1	
59975	0.099	0.130	-23.9		94007	4.560	4.800	-5.0		98306	0.960	0.980	-2.0	
59984	0.034	0.041	-17.1		94276	3.990	4.200	-5.0		98307	0.530	0.540	-1.9	
59988	0.041	0.050	-18.0		94381	9.350	11.700	-20.1		98308	0.980	1.000	-2.0	
59989	0.031	0.037	-16.2		94404	3.640	4.350	-16.3		98309	2.160	2.190	-1.4	
91111	5.270	5.550	-5.0		94569	3.710	3.900	-4.9		98344	0.750	0.760	-1.3	
91125	1.650	1.710	-3.5		95124	1.300	1.180	+10.2		98449	25.200	25.500	-1.2	
91127	1.040	1.080	-3.7		95310	1.050	1.090	-3.7		98482	5.840	6.150	-5.0	
91150	4.850	5.100	-4.9		95410	2.570	2.700	-4.8		98483	14.300	15.000	-4.7	
91155	24.700	31.900	-22.6		95455	1.570	1.650	-4.8		98502	3.420	3.600	-5.0	
91235	2.020	2.100	-3.8		95505	2.000	2.100	-4.8		98636	3.280	3.450	-4.9	
91265	2.950	3.070	-3.9		95625	3.420	3.600	-5.0		98659	0.350	0.360	-2.8	
91266	0.780	0.820	-4.9		95647	5.270	5.550	-5.0		98677	9.410	9.890	-4.9	
91280	2.340	2.750	-14.9		96053	3.990	4.200	-5.0		98678	12.400	13.000	-4.6	
91340	7.130	7.490	-4.8		96408	10.600	11.000	-3.6		98805	1.360	1.380	-1.4	

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LOSS COST PERCENT CHANGE BY CLASS

Class	Proposed Loss Cost	Present Loss Cost	Percent Change	Capping Flag	Class	Proposed Loss Cost	Present Loss Cost	Percent Change	Capping Flag	Class	Proposed Loss Cost	Present Loss Cost	Percent Change	Capping Flag
98806	3.280	3.450	-4.9											
98813	1.970	1.990	-1.0											
98820	3.280	3.450	-4.9											
98884	2.000	2.100	-4.8											
98914	0.470	0.490	-4.1											
98949	0.270	0.280	-3.6											
98967	10.000	10.200	-2.0											
98993	3.200	3.330	-3.9											
99003	1.200	1.220	-1.6											
99004	1.430	1.500	-4.7											
99080	6.700	7.040	-4.8											
99163	0.350	0.360	-2.8											
99315	1.850	1.950	-5.1											
99321	2.140	2.250	-4.9											
99613	2.140	2.250	-4.9											
99650	0.960	1.000	-4.0											
99746	2.990	3.150	-5.1											
99803	7.470	8.110	-7.9											
99826	0.690	0.700	-1.4											
99827	0.610	0.620	-1.6											
99946	2.100	2.190	-4.1											
99948	19.700	19.900	-1.0											
99952	15.500	15.700	-1.3											
99953	9.440	9.570	-1.4											
99954	12.200	11.100	+9.9											
99955	10.000	8.700	+14.9											
99969	2.230	2.700	-17.4											

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

(1) ACCIDENT YEAR ENDING	(2) AGGREGATE LOSS COSTS AT CURRENT LEVEL (A)	(3) \$100,000 BASIC LIMIT INCURRED LOSSES (B)	(4) YEAR WEIGHTS	(5) EXPERIENCE RATIO (3) / (2)	(6) NUMBER OF INCURRED OCCURRENCES
03/31/2019	\$14,726,682	\$15,126,712	0.25	1.027	347
03/31/2020	\$15,608,392	\$12,399,533	0.25	0.794	316
03/31/2021	\$15,760,918	\$10,546,195	0.25	0.669	297
03/31/2022	\$16,538,067	\$13,034,402	0.25	0.788	278
(7)	WEIGHTED EXPERIENCE RATIO				0.820
(8)	EXPECTED EXPERIENCE RATIO (SEE FOOTNOTE C)				1.003
(9)	CREDIBILITY BASED ON LATEST FOUR YEARS NUMBER OF INCURRED OCCURRENCES (SEE EXPLANATORY PAGE C-13 - CREDIBILITY STANDARDS)...				0.44
(10)	CREDIBILITY-WEIGHTED EXPERIENCE RATIO { (7) X (9) } + { (8) X {1.0 - (9)} }				0.922
(11)	INDICATED MONOLINE-MULTILINE LOSS COST LEVEL CHANGE { (10) - 1 } X 100%				- 7.8%
(12)	INDICATED STATEWIDE MONOLINE CHANGE (SEE SECTION B - BASIC LIMIT RELATIVE CHANGE ANALYSIS)				- 9.4%
(13)	SELECTED STATEWIDE MONOLINE CHANGE				- 9.4%
(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 01/01/2024. FOR DETAILS, SEE SECTION C, EXHIBIT C1, PAGES 2 AND 3 - CALCULATION OF INCURRED LOSSES.				
(C)	THE EXPECTED EXPERIENCE RATIO IS THE NET TREND (1.003). THE NET TREND IS THE ANNUAL NET TREND FACTOR (1.003) TO AN EXPONENT (1.000), THE PERIOD FROM ONE YEAR BEYOND THE LAST REVIEW OR EFFECTIVE DATE (01/01/2024) TO ONE YEAR BEYOND THE ASSUMED EFFECTIVE DATE (01/01/2025).				

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

(1) ACCIDENT YEAR ENDING	(2) AGGREGATE LOSS COSTS AT CURRENT LEVEL (A)	(3) \$100,000 BASIC LIMIT INCURRED LOSSES (B)	(4) YEAR WEIGHTS	(5) EXPERIENCE RATIO (3) / (2)	(6) NUMBER OF INCURRED OCCURRENCES
03/31/2019	\$22,320,718	\$24,324,992	0.25	1.090	649
03/31/2020	\$22,095,770	\$26,827,497	0.25	1.214	603
03/31/2021	\$20,920,658	\$20,412,689	0.25	0.976	403
03/31/2022	\$20,654,353	\$22,273,469	0.25	1.078	477

(7)	WEIGHTED EXPERIENCE RATIO	1.090
(8)	EXPECTED EXPERIENCE RATIO (SEE FOOTNOTE C)	1.055
(9)	CREDIBILITY BASED ON LATEST FOUR YEARS NUMBER OF INCURRED OCCURRENCES (SEE EXPLANATORY PAGE C-13 - CREDIBILITY STANDARDS)...	0.60
(10)	CREDIBILITY-WEIGHTED EXPERIENCE RATIO { (7) X (9) } + { (8) X { 1.0 - (9) } }	1.076
(11)	INDICATED MONOLINE-MULTILINE LOSS COST LEVEL CHANGE { (10) - 1 } X 100%	+ 7.6%
(12)	INDICATED STATEWIDE MONOLINE CHANGE (SEE SECTION B - BASIC LIMIT RELATIVE CHANGE ANALYSIS)	+ 12.1%
(13)	SELECTED STATEWIDE MONOLINE CHANGE	+ 12.1%

(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 01/01/2024. FOR DETAILS, SEE SECTION C, EXHIBIT C1, PAGES 5 AND 6 - CALCULATION OF INCURRED LOSSES.

(C) THE EXPECTED EXPERIENCE RATIO IS THE NET TREND (1.055). THE NET TREND IS THE ANNUAL NET TREND FACTOR (1.055) TO AN EXPONENT (1.000), THE PERIOD FROM ONE YEAR BEYOND THE LAST REVIEW OR EFFECTIVE DATE (01/01/2024) TO ONE YEAR BEYOND THE ASSUMED EFFECTIVE DATE (01/01/2025).

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

(1)	(2)	(3)	(4)	(5)	(6)
ACCIDENT	MULTISTATE	MULTISTATE		EXPERIENCE	
YEAR	AGGREGATE LOSS	\$100,000 BASIC	YEAR	RATIO	NUMBER OF
<u>ENDING</u>	<u>COSTS AT CURRENT</u>	<u>LIMIT INCURRED</u>	<u>WEIGHTS</u>	<u>(3) / (2)</u>	<u>INCURRED</u>
	<u>LEVEL (A)</u>	<u>LOSSES (B)</u>			<u>OCCURRENCES</u>
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 { (7) - 1 } X 100%.....				- 12.2%
(9)	INDICATED MULTISTATE MONOLINE CHANGE (SEE SECTION B - BASIC LIMIT RELATIVE CHANGE ANALYSIS).....				- 14.4%
(10)	INDICATED STATEWIDE MONOLINE CHANGE (C) (SEE SECTION B - BASIC LIMIT RELATIVE CHANGE ANALYSIS).....				- 15.6%
(11)	SELECTED STATEWIDE MONOLINE CHANGE.....				- 15.6%
(A)	THESE ARE CALCULATED BY SUMMING OVER THE CLASSES THE PRODUCTS OF MULTISTATE REPORTED EXPOSURES, EXPOSURE TREND AND DEVELOPMENT, AND MULTISTATE \$100,000 BASIC LIMIT LOSS COSTS AT CURRENT ISO LEVEL. FOR DETAILS, SEE SECTION C, EXHIBIT C9 - 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 10/01/2023.				
(C)	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.(SEE SECTION A - PRODUCTS CLASS GROUP LOSS COST LEVEL CHANGE).				

ARIZONA
 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).....				- 4.3%
(11)	SELECTED STATEWIDE MONOLINE CHANGE.....				- 4.3%
(A)	THESE ARE CALCULATED BY SUMMING OVER THE STATES THE PRODUCTS OF STATE- REPORTED EXPOSURES, EXPOSURE TREND AND DEVELOPMENT, AND STATE \$100,000 BASIC LIMIT LOSS COSTS AT CURRENT ISO LEVEL. FOR DETAILS, SEE SECTION C, EXHIBIT C16 - CALCULATION OF AGGREGATE LOSS COSTS AT CURRENT LEVEL.				
(B)	INCLUDING ALL LOSS ADJUSTMENT EXPENSE 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 10/01/2023.				
(C)	THE INDICATED STATEWIDE MONOLINE CHANGE IS CALCULATED BASED ON THE INDICATED MULTISTATE MONOLINE CHANGE.				

ARIZONA
MANUFACTURERS AND CONTRACTORS
BASIC LIMIT RELATIVE CHANGE ANALYSIS

	(1)	(2)	(3)	(4)	STATEWIDE COVERAGE INDICATION OF - 7.8%
TOP	BAILEY FORMULA RELATIV.	CREDIBILITY Z	Z-WTD RELATIV.	BALANCED RELATIV.	
10	0.888	0.172	0.980	0.983	
33	2.243	0.033	1.027	1.030	
34	0.618	0.055	0.974	0.977	
35	0.770	0.025	0.994	0.996	
36	0.834	0.105	0.981	0.984	
37	2.450	0.063	1.058	1.061	
38	1.008	0.196	1.002	1.004	
CLASS GROUP					(5) INDICATED MONOLINE CHANGE
30	1.113	0.102	1.011	1.004	- 9.1%
31	1.139	0.126	1.016	1.009	- 8.6%
32	1.164	0.188	1.029	1.022	- 7.5%
33	1.103	0.082	1.008	1.001	- 9.3%
34	1.159	0.099	1.015	1.007	- 8.7%
35	0.345	0.026	0.973	0.966	- 12.5%
36	0.355	0.048	0.951	0.944	- 14.5%
37	0.053	0.034	0.905	0.898	- 18.6%
38	0.844	0.075	0.987	0.980	- 11.2%
OVERALL MONOLINE CHANGE *					- 9.4%

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

ARIZONA
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. 3/31/2022 AGGREGATE LOSS COSTS AT CURRENT LEVEL	FISCAL A.Y.E. 2018 - 2022 AGGREGATE LOSS COSTS AT CURRENT LEVEL	FIVE YEAR EXPERIENCE RATIO	RELATIV.	NUMBER OF OCCURRENCES	BAL CELL RELATIV.
10 MONOLINE	30 SERVICE	\$350,826	\$2,213,504	1.180	1.418	68	0.987
	31 LIGHT CONTRACTING	\$1,261,793	\$4,270,749	0.634	0.762	90	0.992
	32 MEDIUM CONTRCTING	\$2,744,651	\$11,918,460	0.825	0.992	266	1.005
	33 HEAVY CONTRACTING	\$738,026	\$3,028,941	0.962	1.156	29	0.984
	34 DEALER OR DISTRIB	\$302,423	\$1,252,247	1.243	1.494	33	0.990
	35 LGT. MANUFACTURER	\$56,594	\$151,595	1.365	1.641	6	0.950
	36 MED. MANUFACTURER	\$204,284	\$1,560,575	0.177	0.213	14	0.928
	37 HVY. MANUFACTURER	\$114,652	\$486,457	0.153	0.184	4	0.883
	38 MISC. OPERATION	\$329,738	\$2,098,656	0.467	0.561	25	0.963
	TOTAL *	\$6,102,986	\$26,981,183	0.795		535	
33 MULT OFFICE	31 LIGHT CONTRACTING	\$2,662	\$20,145	0.000	0.000	0	1.039
	32 MEDIUM CONTRCTING	\$4,069	\$23,414	0.000	0.000	0	1.053
	33 HEAVY CONTRACTING	\$28,316	\$156,073	4.109	4.939	8	1.031
	38 MISC. OPERATION	\$72,969	\$337,263	0.980	1.178	12	1.009
	TOTAL *	\$108,017	\$536,895	1.739		20	
34 MULT MERCANTILE	30 SERVICE	\$62,090	\$354,943	0.253	0.304	4	0.981
	32 MEDIUM CONTRCTING	\$53,730	\$215,341	0.552	0.663	5	0.998
	34 DEALER OR DISTRIB	\$480,577	\$2,277,084	0.686	0.825	42	0.984
	38 MISC. OPERATION	\$50,163	\$189,552	0.027	0.032	3	0.957
	TOTAL *	\$646,561	\$3,036,920	0.582		54	
35 MULT INSTITUT.	31 LIGHT CONTRACTING	\$4,325	\$25,674	3.495	4.201	3	1.005
	32 MEDIUM CONTRCTING	\$50,376	\$353,927	0.508	0.611	8	1.018
	TOTAL *	\$54,700	\$379,601	0.744		11	
36 MULT SERVICES	30 SERVICE	\$62,958	\$381,244	1.186	1.425	11	0.988
	31 LIGHT CONTRACTING	\$68,824	\$413,644	1.397	1.679	25	0.993
	32 MEDIUM CONTRCTING	\$135,037	\$680,029	0.514	0.618	12	1.006
	33 HEAVY CONTRACTING	\$8,239	\$41,685	1.015	1.220	1	0.985
	34 DEALER OR DISTRIB	\$706,445	\$3,100,732	0.649	0.780	97	0.991
	36 MED. MANUFACTURER	\$11,986	\$63,814	0.000	0.000	0	0.929
	38 MISC. OPERATION	\$419,340	\$1,847,479	0.784	0.942	53	0.964
	TOTAL *	\$1,412,828	\$6,528,628	0.733		199	

ARIZONA
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. 3/31/2022 AGGREGATE LOSS COSTS AT CURRENT LEVEL	FISCAL A.Y.E. 2018 - 2022 AGGREGATE LOSS COSTS AT CURRENT LEVEL	FIVE YEAR EXPERIENCE RATIO	RELATIV.	NUMBER OF OCCURRENCES	BAL CELL RELATIV.
37 MULT INDUST/PROC.	31 LIGHT CONTRACTING	\$676	\$2,719	0.000	0.000	0	1.071
	32 MEDIUM CONTRCTING	\$134,131	\$620,005	1.714	2.060	7	1.084
	33 HEAVY CONTRACTING	\$21,186	\$117,724	10.480	12.596	2	1.062
	34 DEALER OR DISTRIB	\$27,863	\$289,710	0.579	0.696	4	1.068
	35 LGT. MANUFACTURER	\$118,453	\$658,141	0.173	0.208	6	1.025
	36 MED. MANUFACTURER	\$893,818	\$3,947,636	0.747	0.898	28	1.002
	37 HVY. MANUFACTURER	\$720,304	\$3,298,031	0.091	0.109	17	0.953
	38 MISC. OPERATION	\$9,011	\$64,498	4.042	4.858	7	1.040
	TOTAL *	\$1,925,442	\$8,998,463	0.653		71	
38 MULT CONTRACTORS	30 SERVICE	\$1,059,371	\$4,871,304	0.810	0.974	103	1.008
	31 LIGHT CONTRACTING	\$910,505	\$4,663,229	1.192	1.433	166	1.013
	32 MEDIUM CONTRCTING	\$3,154,359	\$14,810,721	1.055	1.268	340	1.026
	33 HEAVY CONTRACTING	\$1,148,155	\$5,402,983	0.627	0.754	80	1.005
	38 MISC. OPERATION	\$8,528	\$166,781	2.084	2.505	2	0.984
	TOTAL *	\$6,280,919	\$29,915,018	0.957		691	
TOTAL ALL	TOP 30 SERVICE	\$1,535,245	\$7,820,995	0.887		186	
	31 LIGHT CONTRACTING	\$2,248,785	\$9,396,160	0.888		284	
	32 MEDIUM CONTRCTING	\$6,276,353	\$28,621,898	0.947		638	
	33 HEAVY CONTRACTING	\$1,943,922	\$8,747,405	0.914		120	
	34 DEALER OR DISTRIB	\$1,517,309	\$6,919,772	0.778		176	
	35 LGT. MANUFACTURER	\$175,047	\$809,736	0.558		12	
	36 MED. MANUFACTURER	\$1,110,087	\$5,572,024	0.634		42	
	37 HVY. MANUFACTURER	\$834,956	\$3,784,488	0.100		21	
	38 MISC. OPERATION	\$889,751	\$4,704,230	0.685		102	
	TOTAL *	\$16,531,454	\$76,376,709	0.832		1,581	

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

ARIZONA
OWNERS, LANDLORDS AND TENANTS
BASIC LIMIT RELATIVE CHANGE ANALYSIS

	(1)	(2)	(3)	(4)	STATEWIDE COVERAGE INDICATION OF + 7.6%
TOP	BAILEY FORMULA RELATIV.	CREDIBILITY Z	Z-WTD RELATIV.	BALANCED RELATIV.	
10	1.204	0.250	1.048	1.045	
31	0.634	0.095	0.957	0.955	
32	1.988	0.110	1.079	1.076	
33	1.109	0.131	1.014	1.011	
34	0.844	0.172	0.971	0.968	
35	0.743	0.089	0.974	0.971	
36	0.571	0.112	0.939	0.936	
					(5)
CLASS GROUP					INDICATED MONOLINE CHANGE
01	0.785	0.043	0.990	0.993	+ 11.3%
02	0.683	0.146	0.946	0.949	+ 6.5%
03	0.705	0.117	0.960	0.963	+ 8.0%
04	1.324	0.024	1.007	1.010	+ 13.1%
05	1.278	0.039	1.010	1.013	+ 12.0%
06	0.702	0.048	0.983	0.987	+ 11.7%
07	1.814	0.153	1.095	1.099	+ 22.5%
08	1.025	0.039	1.001	1.004	+ 13.5%
09	1.444	0.126	1.047	1.051	+ 18.0%
10	0.764	0.102	0.973	0.976	+ 9.7%
11	0.809	0.125	0.974	0.977	+ 9.8%
12	0.851	0.202	0.968	0.971	+ 10.0%
13	1.788	0.047	1.027	1.031	+ 16.3%
16	0.000	0.000	1.000	1.003	+ 9.6%

OVERALL MONOLINE CHANGE * + 12.1%

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

ARIZONA
OWNERS, LANDLORDS AND TENANTS
BASIC LIMIT RELATIVE CHANGE ANALYSIS

	(1)	(2)	(3)	(4)	(5)
	BAILEY				INDICATED
	FORMULA	CREDIBILITY	Z-WTD	BALANCED	MONOLINE
TERRITORY	RELATIV.	Z	RELATIV.	RELATIV.	CHANGE
502	1.088	0.275	1.024	1.023	+ 13.9%
503	1.014	0.137	1.002	1.001	+ 12.1%
504	0.888	0.239	0.972	0.972	+ 9.9%

ARIZONA
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. 3/31/2022	FISCAL A.Y.E. 2018				
TYPE OF POLICY	CLASS GROUP	AGGREGATE LOSS COSTS AT CURRENT LEVEL	- 2022 AGGREGATE LOSS COSTS AT CURRENT LEVEL	FIVE YEAR EXPERIENCE RATIO	RELATIV.	NUMBER OF OCCURRENCES	BAL CELL RELATIV.
10 MONOLINE	01 FOOD&BEV. (RETAIL)	\$15,833	\$182,296	0.183		4	
	02 RESTAURANTS	\$479,204	\$3,384,783	1.012		119	
	03 STORES	\$222,745	\$2,339,826	1.012		131	
	04 VENDING & RENTAL	\$20,835	\$149,515	0.025		1	
	05 FOOD & BEV. DIST.	\$42,941	\$433,616	0.555		10	
	06 NON-FOOD&BEV.DIST	\$140,964	\$628,442	1.425		7	
	07 CLUBS,AMSMT&SPRTS	\$1,386,095	\$7,019,317	2.541		253	
	08 HEALTH CARE FACIL	\$213,019	\$938,070	1.524		16	
	09 HOTELS AND MOTELS	\$202,736	\$2,470,623	2.041		114	
	10 SCHLS & CHURCHES	\$1,184,045	\$5,173,449	0.943		81	
	11 APARTMENTS	\$1,202,572	\$7,343,391	1.077		110	
	12 BUILDINGS&OFFICES	\$2,116,901	\$11,367,854	1.162		271	
	13 MISC. PREMISES	\$72,856	\$556,068	0.902		12	
	16 GOVT SUBDIVISIONS	\$2,347	\$6,163	0.000		0	
	TOTAL *	\$7,303,092	\$41,993,412	1.388		1,129	
31 MULT MOTEL/HOTEL	09 HOTELS AND MOTELS	\$1,038,503	\$5,146,719	1.020		164	
	TOTAL *	\$1,038,503	\$5,146,719	1.020		164	
32 MULT APARTMENT	11 APARTMENTS	\$1,111,268	\$5,549,087	1.807		170	
	12 BUILDINGS&OFFICES	323,755	1,737,521	1.829		49	
	TOTAL *	\$1,435,023	\$7,286,608	1.812		219	
33 MULT OFFICE	12 BUILDINGS&OFFICES	\$2,171,318	\$10,713,719	1.121		308	
	13 MISC. PREMISES	28,457	145,475	0.000		0	
	TOTAL *	\$2,199,776	\$10,859,194	1.106		308	
34 MULT MERCANTILE	01 FOOD&BEV. (RETAIL)	\$387,652	\$1,769,421	0.768		30	
	02 RESTAURANTS	\$2,367,391	\$11,452,074	0.624		267	
	03 STORES	\$973,585	\$4,025,600	0.728		109	
	04 VENDING & RENTAL	\$9,964	\$59,294	7.073		4	
	05 FOOD & BEV. DIST.	\$208,696	\$1,144,873	1.350		17	
	06 NON-FOOD&BEV.DIST	\$386,856	\$1,886,988	0.516		34	
	12 BUILDINGS&OFFICES	\$583,667	\$2,702,332	0.699		74	
	TOTAL *	\$4,917,812	\$23,040,581	0.700		535	
35 MULT INSTITUT.	07 CLUBS,AMSMT&SPRTS	\$250,598	\$1,581,565	1.008		25	
	08 HEALTH CARE FACIL	\$260,010	\$1,127,855	0.779		11	
	10 SCHLS & CHURCHES	\$941,906	\$4,812,112	0.745		106	
	12 BUILDINGS&OFFICES	\$1,104	\$5,338	0.000		0	
	13 MISC. PREMISES	\$1,807	\$5,366	0.000		0	
	16 GOVT SUBDIVISIONS	\$0	\$21,826	0.000		0	
	TOTAL *	\$1,455,425	\$7,554,062	0.795		142	

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

TERRITORY	ALL	(1) FISCAL A.Y.E. 3/31/2022 AGGREGATE LOSS COSTS AT CURRENT LEVEL	(2) FISCAL A.Y.E. 2018 - 2022 AGGREGATE LOSS COSTS AT CURRENT LEVEL	(3) FIVE YEAR EXPERIENCE RATIO	(4) RELATIV.	(5) NUMBER OF OCCURRENCES	(6) BAL CELL RELATIV.
TYPE OF POLICY	CLASS GROUP						
36 MULT SERVICES	03 STORES	\$196,176	\$721,456	0.037		8	
	04 VENDING & RENTAL	\$38,919	\$237,365	0.231		5	
	07 CLUBS, AMSMT&SPRTS	\$1,668,768	\$8,266,584	1.033		144	
	08 HEALTH CARE FACIL	\$406	\$2,321	0.000		0	
	09 HOTELS AND MOTELS	\$63,186	\$325,212	0.770		9	
	10 SCHLS & CHURCHES	\$2,162	\$11,701	2.762		1	
	12 BUILDINGS&OFFICES	\$230,925	\$1,094,776	0.939		33	
	13 MISC. PREMISES	\$104,180	\$722,407	2.916		27	
	TOTAL *	\$2,304,722	\$11,381,822	1.005		227	
TOTAL ALL	TOP						
	01 FOOD&BEV. (RETAIL)	\$403,485	\$1,951,717	0.745		34	
	02 RESTAURANTS	\$2,846,595	\$14,836,856	0.689		386	
	03 STORES	\$1,392,506	\$7,086,883	0.676		248	
	04 VENDING & RENTAL	\$69,718	\$446,174	1.148		10	
	05 FOOD & BEV. DIST.	\$251,637	\$1,578,489	1.215		27	
	06 NON-FOOD&BEV.DIST	\$527,820	\$2,515,429	0.759		41	
	07 CLUBS, AMSMT&SPRTS	\$3,305,460	\$16,867,465	1.664		422	
	08 HEALTH CARE FACIL	\$473,435	\$2,068,246	1.114		27	
	09 HOTELS AND MOTELS	\$1,304,424	\$7,942,554	1.166		287	
	10 SCHLS & CHURCHES	\$2,128,113	\$9,997,262	0.857		188	
	11 APARTMENTS	\$2,313,840	\$12,892,478	1.428		280	
	12 BUILDINGS&OFFICES	\$5,427,672	\$27,621,541	1.126		735	
	13 MISC. PREMISES	\$207,300	\$1,429,315	1.783		39	
	16 GOVT SUBDIVISIONS	\$2,347	\$27,990	0.000		0	
	TOTAL *	\$20,654,353	\$107,262,399	1.121		2,724	

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

ARIZONA
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. 3/31/2022	FISCAL A.Y.E. 2018				
TYPE OF POLICY	CLASS GROUP	AGGREGATE LOSS COSTS AT CURRENT LEVEL	- 2022 AGGREGATE LOSS COSTS AT CURRENT LEVEL	FIVE YEAR EXPERIENCE RATIO	RELATIV.	NUMBER OF OCCURRENCES	BAL CELL RELATIV.
10 MONOLINE	01 FOOD&BEV. (RETAIL)	\$9,815	\$71,482	0.000	0.000	0	1.062
	02 RESTAURANTS	\$226,559	\$1,226,426	1.203	1.073	61	1.015
	03 STORES	\$92,728	\$1,149,591	1.173	1.047	65	1.030
	04 VENDING & RENTAL	\$2,704	\$56,927	0.000	0.000	0	1.080
	05 FOOD & BEV. DIST.	\$17,080	\$303,417	0.016	0.015	5	1.083
	06 NON-FOOD&BEV.DIST	\$86,508	\$355,011	2.236	1.995	5	1.055
	07 CLUBS,AMSMT&SPRTS	\$449,943	\$1,925,149	5.798	5.172	159	1.175
	08 HEALTH CARE FACIL	\$104,576	\$485,820	0.866	0.773	5	1.073
	09 HOTELS AND MOTELS	\$130,956	\$873,131	2.386	2.128	63	1.124
	10 SCHLS & CHURCHES	\$639,484	\$2,826,120	1.235	1.101	48	1.044
	11 APARTMENTS	\$604,992	\$3,812,142	0.982	0.876	66	1.045
	12 BUILDINGS&OFFICES	\$1,494,655	\$7,917,837	0.974	0.869	160	1.038
	13 MISC. PREMISES	\$49,587	\$342,431	1.008	0.899	8	1.102
	TOTAL *	\$3,909,587	\$21,345,484	1.656		645	
31 MULT MOTEL/HOTEL	09 HOTELS AND MOTELS	\$455,948	\$2,541,225	0.941	0.840	94	1.027
	TOTAL *	\$455,948	\$2,541,225	0.941		94	
32 MULT APARTMENT	11 APARTMENTS	\$533,314	\$2,677,796	2.331	2.079	73	1.076
	12 BUILDINGS&OFFICES	\$144,733	\$917,864	2.397	2.139	36	1.069
	TOTAL *	\$678,047	\$3,595,660	2.345		109	
33 MULT OFFICE	12 BUILDINGS&OFFICES	\$1,398,164	\$7,010,371	0.954	0.851	165	1.004
	13 MISC. PREMISES	\$20,839	\$108,071	0.000	0.000	0	1.066
	TOTAL *	\$1,419,003	\$7,118,441	0.940		165	
34 MULT MERCANTILE	01 FOOD&BEV. (RETAIL)	\$174,878	\$794,041	1.449	1.292	19	0.983
	02 RESTAURANTS	\$1,110,840	\$5,707,575	0.698	0.622	136	0.940
	03 STORES	\$531,367	\$2,272,880	0.233	0.208	40	0.954
	04 VENDING & RENTAL	\$4,363	\$31,672	0.000	0.000	0	1.000
	05 FOOD & BEV. DIST.	\$36,439	\$245,315	0.518	0.462	4	1.003
	06 NON-FOOD&BEV.DIST	\$261,407	\$1,261,233	0.716	0.639	29	0.978
	12 BUILDINGS&OFFICES	\$290,142	\$1,473,499	0.391	0.349	28	0.962
	TOTAL *	\$2,409,435	\$11,786,215	0.611		256	
35 MULT INSTITUT.	07 CLUBS,AMSMT&SPRTS	\$6,682	\$75,175	1.158	1.033	2	1.092
	08 HEALTH CARE FACIL	\$152,981	\$560,740	0.186	0.166	0	0.997
	10 SCHLS & CHURCHES	\$380,197	\$1,944,005	0.759	0.677	27	0.970
	12 BUILDINGS&OFFICES	\$410	\$2,049	0.000	0.000	0	0.965
	TOTAL *	\$540,270	\$2,581,969	0.601		29	

ARIZONA
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. 3/31/2022	FISCAL A.Y.E. 2018				
			AGGREGATE LOSS	- 2022 AGGREGATE	FIVE YEAR			
TYPE OF POLICY	CLASS GROUP		COSTS AT CURRENT	LOSS COSTS AT	EXPERIENCE	RELATIV.	NUMBER OF	BAL CELL
			LEVEL	CURRENT LEVEL	RATIO		OCCURRENCES	RELATIV.
36 MULT SERVICES	03 STORES		\$31,509	\$151,087	0.047	0.042	1	0.922
	04 VENDING & RENTAL		\$24,434	\$119,399	0.336	0.300	3	0.967
	07 CLUBS, AMSMT & SPRTS		\$663,094	\$2,971,256	0.727	0.648	36	1.052
	08 HEALTH CARE FACIL		\$402	\$2,292	0.000	0.000	0	0.961
	09 HOTELS AND MOTELS		\$9,304	\$83,850	0.492	0.439	1	1.007
	10 SCHLS & CHURCHES		\$1,402	\$6,534	0.000	0.000	0	0.935
	12 BUILDINGS & OFFICES		\$109,758	\$592,889	0.893	0.797	15	0.930
	13 MISC. PREMISES		\$39,015	\$379,130	1.067	0.952	7	0.987
	TOTAL *		\$878,917	\$4,306,436	0.723		63	
TOTAL ALL	TOP	01 FOOD & BEV. (RETAIL)	\$184,693	\$865,523	1.372		19	
		02 RESTAURANTS	\$1,337,399	\$6,934,001	0.783		197	
		03 STORES	\$655,603	\$3,573,558	0.357		106	
		04 VENDING & RENTAL	\$31,501	\$207,998	0.261		3	
		05 FOOD & BEV. DIST.	\$53,519	\$548,732	0.358		9	
		06 NON-FOOD & BEV. DIST	\$347,915	\$1,616,244	1.094		34	
		07 CLUBS, AMSMT & SPRTS	\$1,119,719	\$4,971,580	2.767		197	
		08 HEALTH CARE FACIL	\$257,959	\$1,048,853	0.462		5	
		09 HOTELS AND MOTELS	\$596,207	\$3,498,205	1.251		158	
		10 SCHLS & CHURCHES	\$1,021,083	\$4,776,658	1.056		75	
		11 APARTMENTS	\$1,138,306	\$6,489,939	1.614		139	
		12 BUILDINGS & OFFICES	\$3,437,861	\$17,914,508	0.974		404	
		13 MISC. PREMISES	\$109,441	\$829,631	0.837		15	
		TOTAL *	\$10,291,208	\$53,275,430	1.191		1,361	

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

ARIZONA
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. 3/31/2022	FISCAL A.Y.E. 2018				
TYPE OF POLICY	CLASS GROUP	AGGREGATE LOSS COSTS AT CURRENT LEVEL	- 2022 AGGREGATE LOSS COSTS AT CURRENT LEVEL	FIVE YEAR EXPERIENCE RATIO	RELATIV.	NUMBER OF OCCURRENCES	BAL CELL RELATIV.
10 MONOLINE	01 FOOD&BEV. (RETAIL)	\$25	\$23,515	0.000	0.000	0	1.039
	02 RESTAURANTS	\$30,660	\$214,316	4.143	3.696	16	0.993
	03 STORES	\$27,666	\$152,561	2.244	2.002	19	1.008
	04 VENDING & RENTAL	\$465	\$3,573	0.000	0.000	0	1.057
	05 FOOD & BEV. DIST.	\$9	\$8,207	0.000	0.000	0	1.060
	06 NON-FOOD&BEV.DIST	\$11,489	\$35,877	0.571	0.509	1	1.033
	07 CLUBS,AMSMT&SPRTS	\$81,428	\$856,803	1.460	1.302	15	1.150
	08 HEALTH CARE FACIL	\$52,885	\$231,148	1.493	1.332	5	1.051
	09 HOTELS AND MOTELS	\$25,959	\$886,895	0.953	0.850	24	1.100
	10 SCHLS & CHURCHES	\$149,615	\$555,564	0.072	0.064	7	1.021
	11 APARTMENTS	\$108,128	\$1,131,055	0.467	0.416	10	1.022
	12 BUILDINGS&OFFICES	\$226,195	\$1,211,902	1.423	1.270	43	1.016
	13 MISC. PREMISES	\$9,650	\$86,205	0.000	0.000	0	1.079
	TOTAL *	\$724,174	\$5,397,621	1.107		140	
31 MULT MOTEL/HOTEL	09 HOTELS AND MOTELS	\$143,424	\$553,667	1.425	1.271	21	1.005
	TOTAL *	\$143,424	\$553,667	1.425		21	
32 MULT APARTMENT	11 APARTMENTS	\$97,019	\$521,629	0.999	0.891	10	1.053
	12 BUILDINGS&OFFICES	\$36,459	\$185,383	0.125	0.112	2	1.046
	TOTAL *	\$133,478	\$707,012	0.760		12	
33 MULT OFFICE	12 BUILDINGS&OFFICES	\$243,347	\$1,208,711	1.586	1.415	38	0.983
	13 MISC. PREMISES	\$3,242	\$16,748	0.000	0.000	0	1.044
	TOTAL *	\$246,589	\$1,225,459	1.565		38	
34 MULT MERCANTILE	01 FOOD&BEV. (RETAIL)	\$23,945	\$114,238	1.201	1.072	2	0.963
	02 RESTAURANTS	\$266,741	\$1,251,722	0.957	0.854	48	0.920
	03 STORES	\$33,981	\$182,857	1.204	1.074	14	0.934
	04 VENDING & RENTAL	\$922	\$6,866	23.640	21.088	2	0.979
	05 FOOD & BEV. DIST.	\$7,237	\$47,867	0.381	0.340	2	0.982
	06 NON-FOOD&BEV.DIST	\$20,619	\$103,267	0.222	0.198	2	0.957
	12 BUILDINGS&OFFICES	\$99,589	\$388,945	0.737	0.657	15	0.941
	TOTAL *	\$453,033	\$2,095,762	0.944		85	
35 MULT INSTITUT.	07 CLUBS,AMSMT&SPRTS	\$5,630	\$28,506	8.908	7.946	1	1.069
	08 HEALTH CARE FACIL	\$36,654	\$193,911	0.191	0.171	2	0.976
	10 SCHLS & CHURCHES	\$94,248	\$606,215	0.496	0.443	7	0.949
	12 BUILDINGS&OFFICES	\$428	\$1,951	0.000	0.000	0	0.944
	16 GOVT SUBDIVISIONS	\$0	\$21,826	0.000	0.000	0	0.975
	TOTAL *	\$136,960	\$852,410	0.759		10	

ARIZONA
OWNERS, LANDLORDS AND TENANTS
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SUMMARY OF EXPERIENCE USED IN RELATIVE CHANGE ANALYSIS

TERRITORY	503		(1) FISCAL A.Y.E. 3/31/2022 AGGREGATE LOSS COSTS AT CURRENT LEVEL	(2) FISCAL A.Y.E. 2018 - 2022 AGGREGATE LOSS COSTS AT CURRENT LEVEL	(3) FIVE YEAR EXPERIENCE RATIO	(4) RELATIV.	(5) NUMBER OF OCCURRENCES	(6) BAL CELL RELATIV.
TYPE OF POLICY	CLASS GROUP							
36 MULT SERVICES	03 STORES		\$5,074	\$29,905	0.000	0.000	0	0.903
	04 VENDING & RENTAL		\$1,632	\$17,135	0.000	0.000	0	0.947
	07 CLUBS, AMSMT&SPRTS		\$198,458	\$1,101,749	0.831	0.742	21	1.030
	09 HOTELS AND MOTELS		\$2,073	\$61,221	0.013	0.011	0	0.985
	10 SCHLS & CHURCHES		\$729	\$3,553	0.000	0.000	0	0.915
	12 BUILDINGS&OFFICES		\$31,078	\$128,646	2.162	1.928	7	0.910
	13 MISC. PREMISES		\$21,405	\$101,851	3.198	2.853	2	0.966
	TOTAL *		\$260,449	\$1,444,062	1.154		30	
TOTAL ALL	TOP	01 FOOD&BEV. (RETAIL)	\$23,970	\$137,753	1.200		2	
		02 RESTAURANTS	\$297,400	\$1,466,038	1.286		64	
		03 STORES	\$66,720	\$365,323	1.544		33	
		04 VENDING & RENTAL	\$3,020	\$27,575	7.220		2	
		05 FOOD & BEV. DIST.	\$7,246	\$56,074	0.380		2	
		06 NON-FOOD&BEV.DIST	\$32,108	\$139,144	0.347		3	
		07 CLUBS, AMSMT&SPRTS	\$285,516	\$1,987,059	1.170		37	
		08 HEALTH CARE FACIL	\$89,539	\$425,059	0.960		7	
		09 HOTELS AND MOTELS	\$171,456	\$1,501,783	1.336		45	
		10 SCHLS & CHURCHES	\$244,592	\$1,165,333	0.235		14	
		11 APARTMENTS	\$205,147	\$1,652,684	0.718		20	
		12 BUILDINGS&OFFICES	\$637,096	\$3,125,539	1.339		105	
		13 MISC. PREMISES	\$34,297	\$204,803	1.996		2	
		16 GOVT SUBDIVISIONS	\$0	\$21,826	0.000		0	
		TOTAL *	\$2,098,108	\$12,275,994	1.108		336	

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

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

TERRITORY	504	(1)	(2)	(3)	(4)	(5)	(6)
		FISCAL A.Y.E. 3/31/2022	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)	\$5,993	\$87,299	0.484	0.432	4	1.008
	02 RESTAURANTS	\$221,985	\$1,944,041	0.385	0.343	42	0.964
	03 STORES	\$102,352	\$1,037,675	0.533	0.475	47	0.978
	04 VENDING & RENTAL	\$17,666	\$89,015	0.029	0.026	1	1.026
	05 FOOD & BEV. DIST.	\$25,852	\$121,992	0.911	0.813	5	1.029
	06 NON-FOOD&BEV.DIST	\$42,966	\$237,553	0.021	0.019	1	1.002
	07 CLUBS,AMSMT&SPRTS	\$854,723	\$4,237,364	0.930	0.829	79	1.116
	08 HEALTH CARE FACIL	\$55,557	\$221,101	2.791	2.489	6	1.019
	09 HOTELS AND MOTELS	\$45,821	\$710,597	1.670	1.490	27	1.067
	10 SCHLS & CHURCHES	\$394,946	\$1,791,765	0.799	0.713	26	0.991
	11 APARTMENTS	\$489,452	\$2,400,194	1.330	1.186	34	0.992
	12 BUILDINGS&OFFICES	\$396,051	\$2,238,115	1.725	1.539	68	0.986
	13 MISC. PREMISES	\$13,620	\$127,433	1.155	1.030	4	1.047
	16 GOVT SUBDIVISIONS	\$2,347	\$6,163	0.000	0.000	0	1.018
	TOTAL *	\$2,669,330	\$15,250,306	1.071		344	
31 MULT MOTEL/HOTEL	09 HOTELS AND MOTELS	\$439,131	\$2,051,827	0.969	0.864	49	0.975
	TOTAL *	\$439,131	\$2,051,827	0.969		49	
32 MULT APARTMENT	11 APARTMENTS	\$480,935	\$2,349,662	1.391	1.241	87	1.021
	12 BUILDINGS&OFFICES	\$142,564	\$634,275	1.688	1.506	11	1.015
	TOTAL *	\$623,498	\$2,983,937	1.459		98	
33 MULT OFFICE	12 BUILDINGS&OFFICES	\$529,808	\$2,494,637	1.348	1.202	105	0.954
	13 MISC. PREMISES	\$4,376	\$20,656	0.000	0.000	0	1.013
	TOTAL *	\$534,183	\$2,515,294	1.337		105	
34 MULT MERCANTILE	01 FOOD&BEV. (RETAIL)	\$188,829	\$861,142	0.083	0.074	9	0.934
	02 RESTAURANTS	\$989,811	\$4,492,777	0.450	0.402	83	0.893
	03 STORES	\$408,237	\$1,569,862	1.331	1.187	55	0.906
	04 VENDING & RENTAL	\$4,679	\$20,756	10.403	9.281	2	0.950
	05 FOOD & BEV. DIST.	\$165,020	\$851,691	1.576	1.406	11	0.953
	06 NON-FOOD&BEV.DIST	\$104,830	\$522,488	0.077	0.068	3	0.928
	12 BUILDINGS&OFFICES	\$193,937	\$839,887	1.140	1.017	31	0.913
	TOTAL *	\$2,055,344	\$9,158,604	0.751		194	
35 MULT INSTITUT.	07 CLUBS,AMSMT&SPRTS	\$238,286	\$1,477,884	0.818	0.729	22	1.037
	08 HEALTH CARE FACIL	\$70,375	\$373,204	2.374	2.118	9	0.947
	10 SCHLS & CHURCHES	\$467,461	\$2,261,892	0.784	0.700	72	0.921
	12 BUILDINGS&OFFICES	\$265	\$1,338	0.000	0.000	0	0.916
	13 MISC. PREMISES	\$1,807	\$5,366	0.000	0.000	0	0.973
	TOTAL *	\$778,195	\$4,119,683	0.936		103	

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

TERRITORY	504		(1) FISCAL A.Y.E. 3/31/2022 AGGREGATE LOSS COSTS AT CURRENT LEVEL	(2) FISCAL A.Y.E. 2018 - 2022 AGGREGATE LOSS COSTS AT CURRENT LEVEL	(3) FIVE YEAR EXPERIENCE RATIO	(4) RELATIV.	(5) NUMBER OF OCCURRENCES	(6) BAL CELL RELATIV.
TYPE OF POLICY	CLASS GROUP							
36 MULT SERVICES	03 STORES		\$159,593	\$540,464	0.037	0.033	7	0.876
	04 VENDING & RENTAL		\$12,853	\$100,831	0.061	0.055	2	0.919
	07 CLUBS, AMSMT&SPRTS		\$807,216	\$4,193,579	1.335	1.191	87	1.000
	08 HEALTH CARE FACIL		\$4	\$29	0.000	0.000	0	0.913
	09 HOTELS AND MOTELS		\$51,809	\$180,141	0.850	0.758	8	0.956
	10 SCHLS & CHURCHES		\$32	\$1,614	186.938	166.760	1	0.888
	12 BUILDINGS&OFFICES		\$90,089	\$373,241	0.573	0.511	11	0.883
	13 MISC. PREMISES		\$43,760	\$241,426	4.428	3.950	18	0.938
	TOTAL *		\$1,165,356	\$5,631,324	1.184		134	
TOTAL ALL	TOP	01 FOOD&BEV. (RETAIL)	\$194,822	\$948,441	0.096		13	
		02 RESTAURANTS	\$1,211,796	\$6,436,817	0.438		125	
		03 STORES	\$670,183	\$3,148,001	0.901		109	
		04 VENDING & RENTAL	\$35,198	\$210,601	1.420		5	
		05 FOOD & BEV. DIST.	\$190,872	\$973,683	1.486		16	
		06 NON-FOOD&BEV.DIST	\$147,796	\$760,041	0.060		4	
		07 CLUBS, AMSMT&SPRTS	\$1,900,225	\$9,908,826	1.088		188	
		08 HEALTH CARE FACIL	\$125,937	\$594,334	2.558		15	
		09 HOTELS AND MOTELS	\$536,761	\$2,942,565	1.017		84	
		10 SCHLS & CHURCHES	\$862,438	\$4,055,270	0.798		99	
		11 APARTMENTS	\$970,386	\$4,749,856	1.360		121	
		12 BUILDINGS&OFFICES	\$1,352,714	\$6,581,494	1.413		226	
		13 MISC. PREMISES	\$63,562	\$394,881	3.296		22	
		16 GOVT SUBDIVISIONS	\$2,347	\$6,163	0.000		0	
		TOTAL *	\$8,265,037	\$41,710,975	1.036		1,027	

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

ARIZONA
PRODUCTS
BASIC LIMIT RELATIVE CHANGE ANALYSIS

	(1)	(2)	(3)	(4)	MULTISTATE COVERAGE INDICATION OF - 12.2%		
TOP	BAILEY FORMULA RELATIV.	CREDIBILITY Z	Z-WTD RELATIV.	BALANCED 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 GROUP					(5) INDICATED MULTISTATE MONOLINE CHANGE	(6) INDICATED STATEWIDE MONOLINE CHANGE #	(7) SELECTED STATEWIDE MONOLINE CHANGE
3	0.930	0.423	0.970	0.970	- 16.9%	- 25.1%	- 25.1%
4	1.069	0.394	1.027	1.027	- 12.1%	- 11.3%	- 11.3%
5	1.116	0.105	1.012	1.012	- 13.4%	- 11.4%	- 11.4%
6	0.992	0.299	0.998	0.998	- 14.6%	- 13.6%	- 13.6%
7	0.865	0.118	0.983	0.983	- 15.8%	- 12.7%	- 12.7%
OVERALL MONOLINE CHANGE *					- 14.4%	- 15.6%	- 15.6%

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) CALENDAR A.Y.E. 12/31/2021 AGGREGATE LOSS COSTS AT CURRENT LEVEL	(2) CALENDAR A.Y.E. 2017 - 2021 AGGREGATE LOSS COSTS AT CURRENT LEVEL	(3) FIVE YEAR EXPERIENCE RATIO	(4) RELATIV.	(5) NUMBER OF OCCURRENCES	(6) BAL CELL 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.

ARIZONA
LOCAL PRODUCTS/COMPLETED OPERATIONS
BASIC LIMIT RELATIVE CHANGE ANALYSIS

	(1)	(2)	(3)	(4)	MULTISTATE COVERAGE INDICATION OF - 4.3%		
TOP	BAILEY FORMULA RELATIV.	CREDIBILITY Z	Z-WTD RELATIV.	BALANCED 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 GROUP					(5) INDICATED MULTISTATE MONOLINE CHANGE	(6) INDICATED STATEWIDE MONOLINE CHANGE #	(7) SELECTED STATEWIDE MONOLINE CHANGE
1	1.380	0.484	1.169	1.175	+ 12.9%	+ 12.9%	+ 12.9%
2	1.005	0.553	1.003	1.008	- 2.9%	- 2.8%	- 2.8%
11	1.100	0.365	1.036	1.041	+ 0.0%	- 0.1%	- 0.1%
12	0.983	1.000	0.983	0.988	- 4.9%	- 5.2%	- 5.2%
13	0.961	0.263	0.990	0.995	- 4.4%	- 4.7%	- 4.7%
OVERALL MONOLINE CHANGE *					- 4.1%	- 4.3%	- 4.3%

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) BAILEY FORMULA RELATIV.	(2) CREDIBILITY Z	(3) Z-WTD RELATIV.	(4) BALANCED RELATIV.	(5) INDICATED MONOLINE CHANGE**	(6) SELECTED MONOLINE 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		
ARIZONA	0.984	0.327	0.995	0.998	- 4.3%	- 4.3%
	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		
	0.825	0.328	0.939	0.942		
	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.

ARIZONA
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. 12/31/2021	CALENDAR A.Y.E. 2017 - 2021				
		AGGREGATE LOSS COSTS AT CURRENT LEVEL	AGGREGATE LOSS COSTS AT CURRENT LEVEL	FIVE YEAR EXPERIENCE RATIO	RELATIV.	NUMBER OF OCCURRENCES	BAL CELL RELATIV.
10 MONOLINE	1 RET.STRS-FOOD/DRG	\$15,259	\$76,732	1.852	1.922	10	1.180
	2 RET.STRS-NTFD/DRG	\$50,504	\$138,640	3.848	3.995	4	1.012
	11 COMP. OPS. (LOW)	\$142,337	\$704,894	1.796	1.864	8	1.045
	12 COMP. OPS. (MED)	\$2,527,662	\$10,272,722	1.320	1.370	127	0.992
	13 COMP. OPS. (HGH)	\$107,316	\$456,662	0.951	0.987	4	0.999
	TOTAL *	\$2,843,079	\$11,649,651	1.378		153	
34 MULT MERCANTILE	1 RET.STRS-FOOD/DRG	\$131,906	\$566,819	0.479	0.498	31	1.179
	2 RET.STRS-NTFD/DRG	\$127,390	\$544,675	1.043	1.083	14	1.012
	12 COMP. OPS. (MED)	\$53,678	\$343,473	2.377	2.467	4	0.992
	TOTAL *	\$312,973	\$1,454,967	1.034		49	
36 MULT SERVICES	1 RET.STRS-FOOD/DRG	\$11,049	\$63,376	0.860	0.893	6	1.166
	2 RET.STRS-NTFD/DRG	\$349,159	\$1,459,479	1.456	1.512	68	1.000
	11 COMP. OPS. (LOW)	\$128,226	\$578,725	1.420	1.474	15	1.033
	12 COMP. OPS. (MED)	\$102,778	\$891,404	0.712	0.739	17	0.980
	13 COMP. OPS. (HGH)	\$9,677	\$44,052	0.000	0.000	0	0.987
	TOTAL *	\$600,889	\$3,037,036	1.287		106	
37 MULT INDUST/PROC.	1 RET.STRS-FOOD/DRG	\$122	\$259	0.000	0.000	0	1.153
	11 COMP. OPS. (LOW)	\$1,145	\$4,892	0.000	0.000	0	1.022
	12 COMP. OPS. (MED)	\$100,914	\$444,527	0.581	0.603	4	0.970
	TOTAL *	\$102,180	\$449,678	0.574		4	
38 MULT CONTRACTORS	11 COMP. OPS. (LOW)	\$409,506	\$1,770,681	0.461	0.479	24	1.041
	12 COMP. OPS. (MED)	\$4,464,360	\$20,903,055	0.711	0.738	241	0.988
	13 COMP. OPS. (HGH)	\$336,806	\$1,411,282	0.475	0.493	10	0.995
	TOTAL *	\$5,210,672	\$24,085,017	0.676		275	
TOTAL ALL	TOP						
	1 RET.STRS-FOOD/DRG	\$158,336	\$707,186	0.638		47	
	2 RET.STRS-NTFD/DRG	\$527,053	\$2,142,795	1.586		86	
	11 COMP. OPS. (LOW)	\$681,213	\$3,059,192	0.920		47	
	12 COMP. OPS. (MED)	\$7,249,391	\$32,855,180	0.934		393	
	13 COMP. OPS. (HGH)	\$453,799	\$1,911,997	0.577		14	
	TOTAL *	\$9,069,793	\$40,676,349	0.948		587	

* 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. 12/31/2021	CALENDAR A.Y.E. 2017 - 2021				
		AGGREGATE LOSS COSTS AT CURRENT LEVEL	AGGREGATE LOSS COSTS AT CURRENT LEVEL	FIVE YEAR EXPERIENCE RATIO	RELATIV.	NUMBER OF OCCURRENCES	BAL CELL 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.

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

TYPE OF POLICY	ACCIDENT YEAR ENDING	\$100,000	X	EXPOSURE	X	EXPOSURE	X	AVERAGE	=	TRENDED \$100,000
		BASIC LIMIT		DEVELOPMENT		TREND #		BASIC LIMIT		
		AGGREGATE LOSS COSTS						AGGREGATE LOSS COSTS		
		AT CURRENT LEVEL		FACTOR +				IPMF *		AT CURRENT LEVEL
MONOLINE	03/31/2019	\$4,201,417		1.000		1.246				\$5,234,966
	03/31/2020	\$4,456,440		1.000		1.217				\$5,423,488
	03/31/2021	\$4,645,209		1.000		1.194				\$5,546,379
	03/31/2022	\$5,227,698		1.020		1.145				\$6,105,428
MULTILINE	03/31/2019	\$7,864,360		1.000		1.252		0.964		\$9,491,716
	03/31/2020	\$8,624,696		1.000		1.225		0.964		\$10,184,904
	03/31/2021	\$8,737,074		1.000		1.209		0.967		\$10,214,539
	03/31/2022	\$9,165,617		1.020		1.154		0.967		\$10,432,639
TOTAL	03/31/2019									\$14,726,682
	03/31/2020									\$15,608,392
	03/31/2021									\$15,760,918
	03/31/2022									\$16,538,067

+ 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 TRENDING FROM AN AVERAGE DATE OF COVERAGE TO ONE YEAR BEYOND AN ASSUMED EFFECTIVE DATE OF 01/01/2024 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.

ARIZONA
MANUFACTURERS AND CONTRACTORS
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		TREND		TREND	=	AND ALAE
BI	B/L INDEMNITY	03/31/2019	\$2,103,470		0.964	1.075		1.482		0.969		\$3,130,357
		03/31/2020	\$1,484,933		0.972	1.075		1.392		0.974		\$2,103,680
		03/31/2021	\$881,573		1.254	1.075		1.307		0.979		\$1,520,627
		03/31/2022	\$733,858		1.999	1.075		1.227		0.984		\$1,904,026
BI	ALAE	03/31/2019	\$1,502,539			1.075		1.482		0.969		\$2,319,564
		03/31/2020	\$1,616,274			1.075		1.392		0.974		\$2,355,709
		03/31/2021	\$699,007			1.075		1.307		0.979		\$961,498
		03/31/2022	\$1,104,336			1.075		1.227		0.984		\$1,433,341
PD	B/L INDEMNITY	03/31/2019	\$3,417,429		1.085	1.075		1.317		0.969		\$5,086,830
		03/31/2020	\$2,570,891		1.140	1.075		1.260		0.974		\$3,866,575
		03/31/2021	\$2,972,695		1.200	1.075		1.206		0.979		\$4,527,621
		03/31/2022	\$2,640,778		1.426	1.075		1.154		0.984		\$4,596,855
PD	ALAE	03/31/2019	\$932,476			1.075		1.317		0.969		\$1,279,251
		03/31/2020	\$1,205,343			1.075		1.260		0.974		\$1,590,188
		03/31/2021	\$1,198,850			1.075		1.206		0.979		\$1,521,610
		03/31/2022	\$1,390,844			1.075		1.154		0.984		\$1,697,805
MED PAY #	B/L INDEMNITY	03/31/2019	\$38,730			1.075		1.482		0.969		\$59,790
		03/31/2020	\$23,964			1.075		1.392		0.974		\$34,927
		03/31/2021	\$40,000			1.075		1.307		0.979		\$55,021
		03/31/2022	\$18,968			1.075		1.227		0.984		\$24,619
FRINGE	B/L INDEMNITY	03/31/2019	\$116,952		1.026	1.075		1.000		0.969		\$124,993
		03/31/2020	\$20,732		1.087	1.075		1.000		0.974		\$23,596
		03/31/2021	\$142,754		1.238	1.075		1.000		0.979		\$185,994
		03/31/2022	\$54,143		1.625	1.075		1.000		0.984		\$93,068
FRINGE	ALAE	03/31/2019	\$37,189			1.075		1.000		0.969		\$38,739
		03/31/2020	\$63,372			1.075		1.000		0.974		\$66,353
		03/31/2021	\$114,123			1.075		1.000		0.979		\$120,106
		03/31/2022	\$73,517			1.075		1.000		0.984		\$77,766
TOTAL												
FULL COVERAGE		03/31/2019										\$12,039,524
		03/31/2020										\$10,041,028
		03/31/2021										\$8,892,477
		03/31/2022										\$9,827,480

* 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.

ARIZONA
MANUFACTURERS AND CONTRACTORS
OCCURRENCE
DED COVERAGE
CALCULATION OF INCURRED LOSSES

REPORT TYPE	LOSS DESCRIPTION	ACCIDENT YEAR ENDING	\$100,000 BASIC LIMIT LOSSES AND ALAE *	X	\$100,000 BASIC LIMIT INDEMNITY DEVELOPMENT	X	UNALLOCATED LOSS ADJUSTMENT	X	SEVERITY TREND	X	FREQUENCY TREND	=	\$100,000 BASIC LIMIT DEVELOPED & TRENDED LOSSES AND ALAE
					FACTOR #		FACTOR		TREND		TREND		
BI	B/L INDEMNITY	03/31/2019	\$290,737		1.019		1.075		1.482		0.969		\$457,357
		03/31/2020	\$355,500		1.142		1.075		1.392		0.974		\$591,715
		03/31/2021	\$180,611		1.538		1.075		1.307		0.979		\$382,091
		03/31/2022	\$283,947		2.530		1.075		1.227		0.984		\$932,408
BI	ALAE	03/31/2019	\$421,359				1.075		1.482		0.969		\$650,478
		03/31/2020	\$395,078				1.075		1.392		0.974		\$575,823
		03/31/2021	\$208,714				1.075		1.307		0.979		\$287,090
		03/31/2022	\$947,175				1.075		1.227		0.984		\$1,229,358
PD	B/L INDEMNITY	03/31/2019	\$709,768		1.038		1.075		1.317		0.969		\$1,010,722
		03/31/2020	\$557,963		1.061		1.075		1.260		0.974		\$781,014
		03/31/2021	\$522,881		1.105		1.075		1.206		0.979		\$733,337
		03/31/2022	\$509,347		1.255		1.075		1.154		0.984		\$780,309
PD	ALAE	03/31/2019	\$698,967				1.075		1.317		0.969		\$958,903
		03/31/2020	\$308,624				1.075		1.260		0.974		\$407,163
		03/31/2021	\$192,497				1.075		1.206		0.979		\$244,322
		03/31/2022	\$194,738				1.075		1.154		0.984		\$237,716
MED PAY #	B/L INDEMNITY	03/31/2019	\$6,302				1.075		1.482		0.969		\$9,729
		03/31/2020	\$1,913				1.075		1.392		0.974		\$2,788
		03/31/2021	\$5,000				1.075		1.307		0.979		\$6,878
		03/31/2022	\$20,904				1.075		1.227		0.984		\$27,132
TOTAL DED COVERAGE		03/31/2019											\$3,087,189
		03/31/2020											\$2,358,503
		03/31/2021											\$1,653,718
		03/31/2022											\$3,206,923
TOTAL OCCURRENCE		03/31/2019											\$15,126,712
		03/31/2020											\$12,399,533
		03/31/2021											\$10,546,195
		03/31/2022											\$13,034,402

* 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.

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

TYPE OF POLICY	ACCIDENT YEAR ENDING	\$100,000	X	EXPOSURE	X	EXPOSURE	X	AVERAGE	=	TRENDED \$100,000
		BASIC LIMIT		DEVELOPMENT		TREND #		BASIC LIMIT		
		AGGREGATE LOSS COSTS		FACTOR +				AGGREGATE LOSS COSTS		
		AT CURRENT LEVEL						IPMF *		AT CURRENT LEVEL
MONOLINE	03/31/2019	\$8,912,382		1.000		1.062				\$9,464,950
	03/31/2020	\$8,204,594		1.000		1.040				\$8,532,778
	03/31/2021	\$7,326,186		1.000		1.033				\$7,567,950
	03/31/2022	\$7,145,736		1.001		1.021				\$7,303,092
MULTILINE	03/31/2019	\$14,124,082		1.000		1.081		0.842		\$12,855,768
	03/31/2020	\$15,168,655		1.000		1.067		0.838		\$13,562,992
	03/31/2021	\$15,107,061		1.000		1.056		0.837		\$13,352,708
	03/31/2022	\$15,155,146		1.001		1.044		0.843		\$13,351,261
TOTAL	03/31/2019									\$22,320,718
	03/31/2020									\$22,095,770
	03/31/2021									\$20,920,658
	03/31/2022									\$20,654,353

+ 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 TRENDING FROM AN AVERAGE DATE OF COVERAGE TO ONE YEAR BEYOND AN ASSUMED EFFECTIVE DATE OF 01/01/2024 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.

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

REPORT TYPE	LOSS DESCRIPTION	ACCIDENT YEAR ENDING	\$100,000 BASIC LIMIT LOSSES AND ALAE *	X	\$100,000	X	UNALLOCATED			SEVERITY	FREQUENCY	=	\$100,000
					BASIC LIMIT INDEMNITY DEVELOPMENT FACTOR #		LOSS ADJUSTMENT FACTOR	TREND	TREND				BASIC LIMIT DEVELOPED & TRENDED LOSSES AND ALAE
BI	B/L INDEMNITY	03/31/2019	\$7,390,878		1.001		1.075		1.526		0.969		\$11,760,259
		03/31/2020	\$8,578,651		1.042		1.075		1.426		0.974		\$13,346,693
		03/31/2021	\$4,893,092		1.248		1.075		1.333		0.979		\$8,566,813
		03/31/2022	\$4,365,796		1.720		1.075		1.246		0.984		\$9,897,226
BI	ALAE	03/31/2019	\$4,469,986				1.075		1.526		0.969		\$7,105,473
		03/31/2020	\$5,217,342				1.075		1.426		0.974		\$7,789,978
		03/31/2021	\$3,695,909				1.075		1.333		0.979		\$5,184,926
		03/31/2022	\$3,867,817				1.075		1.246		0.984		\$5,097,856
PD	B/L INDEMNITY	03/31/2019	\$1,018,074		1.038		1.075		1.571		0.969		\$1,729,359
		03/31/2020	\$1,110,201		1.046		1.075		1.462		0.974		\$1,777,658
		03/31/2021	\$869,385		1.076		1.075		1.360		0.979		\$1,338,920
		03/31/2022	\$1,560,576		1.220		1.075		1.265		0.984		\$2,547,645
PD	ALAE	03/31/2019	\$681,240				1.075		1.571		0.969		\$1,114,830
		03/31/2020	\$853,355				1.075		1.462		0.974		\$1,306,304
		03/31/2021	\$483,684				1.075		1.360		0.979		\$692,297
		03/31/2022	\$1,482,573				1.075		1.265		0.984		\$1,983,856
MED PAY #	B/L INDEMNITY	03/31/2019	\$492,270				1.075		1.526		0.969		\$782,510
		03/31/2020	\$450,516				1.075		1.426		0.974		\$672,662
		03/31/2021	\$259,043				1.075		1.333		0.979		\$363,407
		03/31/2022	\$370,653				1.075		1.246		0.984		\$488,528
FRINGE	B/L INDEMNITY	03/31/2019	\$91,793		1.095		1.075		1.098		0.969		\$114,963
		03/31/2020	\$27,378		1.172		1.075		1.081		0.974		\$36,318
		03/31/2021	\$179,619		1.420		1.075		1.065		0.979		\$285,878
		03/31/2022	\$28,459		1.839		1.075		1.050		0.984		\$58,129
FRINGE	ALAE	03/31/2019	\$57,160				1.075		1.098		0.969		\$65,377
		03/31/2020	\$38,390				1.075		1.081		0.974		\$43,452
		03/31/2021	\$1,553,167				1.075		1.065		0.979		\$1,740,840
		03/31/2022	\$73,705				1.075		1.050		0.984		\$81,864
TOTAL													
FULL COVERAGE		03/31/2019											\$22,672,771
		03/31/2020											\$24,973,065
		03/31/2021											\$18,173,081
		03/31/2022											\$20,155,104

* 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.

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

REPORT TYPE	LOSS DESCRIPTION	ACCIDENT YEAR ENDING	\$100,000 BASIC LIMIT LOSSES AND ALAE *	X	\$100,000	X	UNALLOCATED	X	SEVERITY	X	FREQUENCY	=	\$100,000
					BASIC LIMIT INDEMNITY DEVELOPMENT FACTOR #		LOSS ADJUSTMENT FACTOR						BASIC LIMIT DEVELOPED & TRENDED LOSSES AND ALAE
BI	B/L INDEMNITY	03/31/2019	\$389,387		1.018		1.075		1.526		0.969		\$630,109
		03/31/2020	\$567,896		1.074		1.075		1.426		0.974		\$910,668
		03/31/2021	\$661,650		1.273		1.075		1.333		0.979		\$1,181,621
		03/31/2022	\$529,265		1.833		1.075		1.246		0.984		\$1,278,666
BI	ALAE	03/31/2019	\$395,696				1.075		1.526		0.969		\$628,997
		03/31/2020	\$395,248				1.075		1.426		0.974		\$590,142
		03/31/2021	\$488,377				1.075		1.333		0.979		\$685,136
		03/31/2022	\$527,048				1.075		1.246		0.984		\$694,660
PD	B/L INDEMNITY	03/31/2019	\$80,500		1.045		1.075		1.571		0.969		\$137,664
		03/31/2020	\$115,969		1.091		1.075		1.462		0.974		\$193,679
		03/31/2021	\$103,456		1.196		1.075		1.360		0.979		\$177,099
		03/31/2022	\$34,970		1.416		1.075		1.265		0.984		\$66,260
PD	ALAE	03/31/2019	\$130,886				1.075		1.571		0.969		\$214,191
		03/31/2020	\$78,289				1.075		1.462		0.974		\$119,843
		03/31/2021	\$130,738				1.075		1.360		0.979		\$187,125
		03/31/2022	\$22,332				1.075		1.265		0.984		\$29,883
MED PAY #	B/L INDEMNITY	03/31/2019	\$25,956				1.075		1.526		0.969		\$41,260
		03/31/2020	\$26,857				1.075		1.426		0.974		\$40,100
		03/31/2021	\$6,150				1.075		1.333		0.979		\$8,628
		03/31/2022	\$37,099				1.075		1.246		0.984		\$48,897
	TOTAL												
	DED COVERAGE	03/31/2019											\$1,652,221
03/31/2020												\$1,854,432	
03/31/2021												\$2,239,609	
03/31/2022												\$2,118,366	
	TOTAL												
	OCCURRENCE	03/31/2019											\$24,324,992
03/31/2020												\$26,827,497	
03/31/2021												\$20,412,689	
03/31/2022												\$22,273,469	

* 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.

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

Implicit Package Modification Factors (A) by Type of Policy

<u>Type of Policy (B)</u>	<u>Description</u>	<u>Implicit Package Modification Factors</u>
31	Not Applicable	--
32	Not Applicable	--
33	Office Policy	0.600
34	Mercantile Policy	1.202
35	Institutional Policy	0.714
36	Service Policy	1.007
37	Industrial / Processing Policy	0.969
38	Contractors Policy	0.951

(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.

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

Implicit Package Modification Factors (A) by Type of Policy

<u>Type of Policy (B)</u>	<u>Description</u>	<u>Implicit Package Modification Factors</u>
31	Motel / Hotel Policy	0.960
32	Apartment House Policy	0.677
33	Office Policy	0.905
34	Mercantile Policy	0.885
35	Institutional Policy	0.826
36	Service Policy	0.798
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.

ARIZONA

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

CALCULATION OF EXPOSURE DEVELOPMENT FACTORS

(1) Evaluation Period	(2) Multistate Ratio (a)	(3) State Ratio (b)	(4) Credibility (c)	(5) Weighted Ratio (d)	(6) Credibility Constant (Ki)
15 to 27 Months	1.018	1.020	0.7940	1.020	20,000,000
27 to 39 Months	1.000	1.000	0.6198	1.000	45,000,000
Accident 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	1.020	1.000	1.000		1.020

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

ARIZONA

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

CALCULATION OF EXPOSURE DEVELOPMENT FACTORS

(1) Evaluation Period	(2) Multistate Ratio (a)	(3) State Ratio (b)	(4) Credibility (c)	(5) Weighted Ratio (d)	(6) Credibility Constant (Ki)
15 to 27 Months	1.000	1.001	0.5105	1.001	90,000,000
27 to 39 Months	1.000	1.000	0.4263	1.000	120,000,000
Accident 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

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

ARIZONA
MANUFACTURERS AND CONTRACTORS

COMBINED SINGLE LIMIT
TOTAL LIMITS PREMIUM DEVELOPMENT

SUBLINE 334
FULL & DEDUCTIBLE
ACCIDENT YEAR DATA

Accident Year Ending	15 Months	27 Months	39 Months	51 Months	63 Months	75 Months	87 Months	99 Months
12/31/2014	19,902,244	20,186,626	20,176,068	20,176,087	20,177,145	20,177,145	20,177,145	20,177,145
12/31/2015	20,281,505	20,624,044	20,617,443	20,614,933	20,615,169	20,615,169	20,615,169	
12/31/2016	21,422,098	21,885,464	21,883,622	21,885,852	21,886,719	21,886,719		
12/31/2017	22,361,653	22,809,897	22,790,908	22,792,236	22,792,236			
12/31/2018	24,018,049	24,384,566	24,385,153	24,382,931				
12/31/2019	25,540,825	26,177,553	26,177,694					
12/31/2020	27,548,436	28,044,818						
12/31/2021	30,089,851							

LINK RATIOS

Accident Year Ending	27:15	39:27	51:39	63:51	75:63	87:75	99:87
12/31/2014	1.014	0.999	1.000	1.000	1.000	1.000	1.000
12/31/2015	1.017	1.000	1.000	1.000	1.000	1.000	
12/31/2016	1.022	1.000	1.000	1.000	1.000		
12/31/2017	1.020	0.999	1.000	1.000			
12/31/2018	1.015	1.000	1.000				
12/31/2019	1.025	1.000					
12/31/2020	1.018						

Average Best 3 of 5
27:15 39:27
 1.020 1.000

ARIZONA
OWNERS LANDLORDS AND TENANTS

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

Accident Year Ending	15 Months	27 Months	39 Months	51 Months	63 Months	75 Months	87 Months	99 Months
12/31/2014	25,335,791	25,396,092	25,362,702	25,373,736	25,375,213	25,375,213	25,375,213	25,375,213
12/31/2015	26,712,123	26,781,284	26,791,866	26,791,818	26,791,750	26,791,750	26,791,750	
12/31/2016	27,546,322	27,614,349	27,610,653	27,610,340	27,608,394	27,608,394		
12/31/2017	27,854,934	27,900,078	27,863,910	27,864,051	27,864,051			
12/31/2018	29,144,515	29,158,167	29,162,829	29,161,274				
12/31/2019	32,104,738	32,098,499	32,058,556					
12/31/2020	32,625,781	32,557,893						
12/31/2021	34,161,162							

LINK RATIOS

Accident 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>
12/31/2014	1.002	0.999	1.000	1.000	1.000	1.000	1.000
12/31/2015	1.003	1.000	1.000	1.000	1.000	1.000	
12/31/2016	1.002	1.000	1.000	1.000	1.000		
12/31/2017	1.002	0.999	1.000	1.000			
12/31/2018	1.000	1.000	1.000				
12/31/2019	1.000	0.999					
12/31/2020	0.998						

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

MULTISTATE
MANUFACTURERS AND CONTRACTORS

COMBINED SINGLE LIMIT
TOTAL LIMITS PREMIUM DEVELOPMENT

SUBLINE 334
FULL & DEDUCTIBLE
ACCIDENT YEAR DATA

Accident Year Ending	15 Months	27 Months	39 Months	51 Months	63 Months	75 Months	87 Months	99 Months
12/31/2014	1,517,175,144	1,565,782,406	1,565,494,573	1,565,396,759	1,565,311,479	1,565,329,173	1,565,330,659	1,565,329,541
12/31/2015	1,565,027,562	1,601,297,296	1,600,864,971	1,600,673,775	1,600,693,879	1,600,684,853	1,600,673,070	
12/31/2016	1,578,972,838	1,616,804,195	1,616,454,720	1,616,341,196	1,616,366,978	1,616,378,164		
12/31/2017	1,645,823,048	1,678,542,744	1,677,800,041	1,677,608,180	1,677,620,290			
12/31/2018	1,728,546,093	1,759,833,845	1,758,924,054	1,759,131,962				
12/31/2019	1,815,553,550	1,842,496,605	1,841,036,787					
12/31/2020	1,861,260,194	1,891,800,934						
12/31/2021	1,991,570,875							

LINK RATIOS

Accident 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>
12/31/2014	1.032	1.000	1.000	1.000	1.000	1.000	1.000
12/31/2015	1.023	1.000	1.000	1.000	1.000	1.000	
12/31/2016	1.024	1.000	1.000	1.000	1.000		
12/31/2017	1.020	1.000	1.000	1.000			
12/31/2018	1.018	0.999	1.000				
12/31/2019	1.015	0.999					
12/31/2020	1.016						

Average Best 3 of 5
27:15 39:27
 1.018 1.000

MULTISTATE
OWNERS LANDLORDS AND TENANTS

COMBINED SINGLE LIMIT
TOTAL LIMITS PREMIUM DEVELOPMENT

SUBLINE 334
FULL & DEDUCTIBLE
ACCIDENT YEAR DATA

Accident Year Ending	15 Months	27 Months	39 Months	51 Months	63 Months	75 Months	87 Months	99 Months
12/31/2014	1,876,416,513	1,881,360,327	1,881,233,089	1,881,727,656	1,881,739,636	1,881,734,370	1,881,734,565	1,881,734,520
12/31/2015	1,990,251,501	1,993,681,258	1,993,817,441	1,993,790,413	1,993,779,670	1,993,787,166	1,993,785,598	
12/31/2016	2,039,802,983	2,043,490,708	2,042,788,278	2,042,685,421	2,042,685,235	2,042,684,684		
12/31/2017	2,070,850,517	2,075,295,924	2,074,070,779	2,073,903,629	2,073,894,560			
12/31/2018	2,154,416,403	2,157,965,831	2,157,252,906	2,157,196,828				
12/31/2019	2,217,819,050	2,210,595,294	2,208,419,559					
12/31/2020	2,167,331,314	2,160,556,116						
12/31/2021	2,238,824,751							

LINK RATIOS

Accident 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>
12/31/2014	1.003	1.000	1.000	1.000	1.000	1.000	1.000
12/31/2015	1.002	1.000	1.000	1.000	1.000	1.000	
12/31/2016	1.002	1.000	1.000	1.000	1.000		
12/31/2017	1.002	0.999	1.000	1.000			
12/31/2018	1.002	1.000	1.000				
12/31/2019	0.997	0.999					
12/31/2020	0.997						

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

ARIZONA

Premises/Operations

Manufacturers & Contractors

Bodily Injury

Full Coverage

Incurred Losses Excluding ALAE

Calculation of Loss Development Factors

(1)	(2)	(3)	(4)	(5)	
Evaluation Period	Multistate Ratio (A)	State Ratio (B)	Credibility (C)	Weighted Ratio (D)	Credibility Constant (Ki)
15 to 27 Months	1.599	1.592	0.6461	1.594	1,000,000
27 to 39 Months	1.308	1.285	0.7769	1.290	1,200,000
39 to 51 Months	1.093	0.981	0.7534	1.009	1,500,000
51 to 63 Months	1.022	0.979	0.6753	0.993	1,900,000
63 to 75 Months	0.999	0.959	0.5576	0.977	2,400,000
75 to 87 Months	0.995	0.981	0.5169	0.988	3,000,000
87 to 99 Months	1.000	0.998	0.5029	0.999	3,800,000
99 to 111 Months	1.000	1.004	0.4585	1.002	4,900,000
111 to 123 Months	0.999	1.001	0.4215	1.000	6,200,000
123 to 135 Months	1.001	1.011	0.3356	1.004	7,900,000
135 to 147 Months	1.000	1.000	0.2819	1.000	10,100,000
147 to 159 Months	1.001	1.000	0.2400	1.001	13,000,000
159 to 171 Months	1.000	1.000	0.1809	1.000	16,800,000
171 to 183 Months	1.000	1.000	0.1167	1.000	21,700,000
183 to 195 Months	1.000	1.000	0.0784	1.000	28,000,000
195 to 207 Months	1.000	1.000	0.0601	1.000	36,400,000
207 to 219 Months	1.000	1.000	0.0497	1.000	47,300,000
219 to 231 Months	1.000	1.000	0.0210	1.000	61,700,000
231 to 243 Months	1.000	1.000	0.0092	1.000	80,600,000
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			1.009	0.993	0.977	0.988	0.999	1.002	1.000	1.004	1.000
12/31/2020		1.290	1.009	0.993	0.977	0.988	0.999	1.002	1.000	1.004	1.000
12/31/2021	1.594	1.290	1.009	0.993	0.977	0.988	0.999	1.002	1.000	1.004	1.000
	159:147	171:159	183:171	195:183	207:195	219:207	231:219	243:231	ULT:243		Factor
12/31/2019	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000		0.972
12/31/2020	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000		1.254
12/31/2021	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000		1.999

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

ARIZONA

Premises/Operations

Manufacturers & Contractors
 Bodily Injury
 Full and Deductible Coverage
 ALAE

Calculation of Cumulative Incremental Factors

(1)	(2)	(3)	(4)	(5)	
Evaluation Period	Multistate Ratio (A)	State Ratio (B)	Credibility (C)	Weighted Ratio (D)	Credibility Constant (Ki)
15 to 27 Months	0.0621	0.0846	0.6461	0.0766	1,000,000
27 to 39 Months	0.0900	0.1033	0.7769	0.1003	1,200,000
39 to 51 Months	0.0835	0.1039	0.7534	0.0989	1,500,000
51 to 63 Months	0.0490	0.0286	0.6753	0.0352	1,900,000
63 to 75 Months	0.0266	0.0034	0.5576	0.0137	2,400,000
75 to 87 Months	0.0143	0.0157	0.5169	0.0150	3,000,000
87 to 99 Months	0.0058	0.0196	0.5029	0.0127	3,800,000
99 to 111 Months	0.0022	0.0001	0.4585	0.0012	4,900,000
111 to 123 Months	0.0025	-0.0001	0.4215	0.0014	6,200,000
123 to 135 Months	0.0012	0.0013	0.3356	0.0012	7,900,000
135 to 147 Months	0.0009	0.0000	0.2819	0.0006	10,100,000
147 to 159 Months	0.0007	0.0000	0.2400	0.0005	13,000,000
159 to 171 Months	0.0008	0.0000	0.1809	0.0007	16,800,000
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>
	0.358	0.281	0.181	0.082	0.047	0.033	0.018
<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	0.004	0.003	0.002	0.001	0.001	0.000

Full coverage

A.Y.E	Reported ALAE as of 6/30/2022	\$500,000 Ultimate Indemnity	ALAE Factor	Additional ALAE	Ultimate ALAE
3/31/2020	992,749	3,442,988	0.181	623,525	1,616,274
3/31/2021	109,243	2,095,822	0.281	589,764	699,007
3/31/2022	134,968	2,707,732	0.358	969,368	1,104,336

Deductible Coverage

A.Y.E	Reported ALAE as of 6/30/2022	\$500,000 Ultimate Indemnity	ALAE Factor	Additional ALAE	Ultimate ALAE
3/31/2020	180,368	1,185,586	0.181	214,710	395,078
3/31/2021	29,826	635,708	0.281	178,888	208,714
3/31/2022	4,001	2,634,564	0.358	943,174	947,175

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

ARIZONA

Premises/Operations

Manufacturers & Contractors

Property Damage

Full Coverage

Incurred Losses Excluding ALAE

Calculation of Loss Development Factors

(1)	(2)	(3)	(4)	(5)	
Evaluation Period	Multistate Ratio (A)	State Ratio (B)	Credibility (C)	Weighted Ratio (D)	Credibility Constant (Ki)
15 to 27 Months	1.125	1.220	0.6619	1.188	2,900,000
27 to 39 Months	1.053	1.053	0.6694	1.053	3,000,000
39 to 51 Months	1.018	1.068	0.6521	1.051	3,100,000
51 to 63 Months	1.013	1.049	0.6332	1.036	3,100,000
63 to 75 Months	1.013	1.035	0.6558	1.027	3,200,000
75 to 87 Months	1.009	0.994	0.6308	1.000	3,300,000
87 to 99 Months	1.004	1.002	0.6131	1.003	3,300,000
99 to 111 Months	1.004	0.997	0.5766	1.000	3,400,000
111 to 123 Months	1.002	0.998	0.5532	1.000	3,500,000
123 to 135 Months	1.002	0.998	0.5214	1.000	3,600,000
135 to 147 Months	1.002	1.008	0.4895	1.005	3,600,000
147 to 159 Months	1.002	1.011	0.4948	1.006	3,700,000
159 to 171 Months	1.000	1.000	0.4604	1.000	3,900,000
171 to 183 Months	1.001	1.000	0.4893	1.001	3,900,000
183 to 195 Months	1.000	1.000	0.4573	1.000	4,000,000
195 to 207 Months	1.001	1.000	0.4327	1.001	4,200,000
207 to 219 Months	1.001	1.000	0.3998	1.001	4,300,000
219 to 231 Months	1.001	1.000	0.3022	1.001	4,400,000
231 to 243 Months	1.001	1.000	0.2069	1.001	4,500,000
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			1.051	1.036	1.027	1.000	1.003	1.000	1.000	1.000	1.005
12/31/2020		1.053	1.051	1.036	1.027	1.000	1.003	1.000	1.000	1.000	1.005
12/31/2021	1.188	1.053	1.051	1.036	1.027	1.000	1.003	1.000	1.000	1.000	1.005
	159:147	171:159	183:171	195:183	207:195	219:207	231:219	243:231	ULT:243		Factor
12/31/2019	1.006	1.000	1.001	1.000	1.001	1.001	1.001	1.001	1.003		1.140
12/31/2020	1.006	1.000	1.001	1.000	1.001	1.001	1.001	1.001	1.003		1.200
12/31/2021	1.006	1.000	1.001	1.000	1.001	1.001	1.001	1.001	1.003		1.426

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

ARIZONA

Premises/Operations

Manufacturers & Contractors
Property Damage
Full and Deductible Coverage
ALAE

Calculation of Cumulative Incremental Factors

	(1)	(2)	(3)	(4)	(5)	
	Evaluation Period	Multistate Ratio (A)	State Ratio (B)	Credibility (C)	Weighted Ratio (D)	Credibility Constant (Ki)
	15 to 27 Months	0.0389	0.0466	0.6619	0.0440	2,900,000
	27 to 39 Months	0.0467	0.0333	0.6694	0.0377	3,000,000
	39 to 51 Months	0.0409	0.0343	0.6521	0.0366	3,100,000
	51 to 63 Months	0.0306	0.0515	0.6332	0.0438	3,100,000
	63 to 75 Months	0.0207	0.0431	0.6558	0.0354	3,200,000
	75 to 87 Months	0.0113	0.0145	0.6308	0.0133	3,300,000
	87 to 99 Months	0.0085	-0.0019	0.6131	0.0021	3,300,000
	99 to 111 Months	0.0046	0.0010	0.5766	0.0025	3,400,000
	111 to 123 Months	0.0059	0.0105	0.5532	0.0084	3,500,000
	123 to 135 Months	0.0020	0.0036	0.5214	0.0028	3,600,000
	135 to 147 Months	0.0044	0.0125	0.4895	0.0084	3,600,000
	147 to 159 Months	0.0040	0.0131	0.4948	0.0085	3,700,000
	159 to 171 Months	0.0017	0.0020	0.4604	0.0018	3,900,000
	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>
	0.245	0.201	0.164	0.127	0.083	0.048
						<u>87</u>
						0.035
<u>Months-to-Ultimate</u>	<u>99</u>	<u>111</u>	<u>123</u>	<u>135</u>	<u>147</u>	<u>159</u>
	0.032	0.030	0.022	0.019	0.010	0.002
						<u>171</u>
						0.000
<u>Full coverage</u>						
A.Y.E	Reported ALAE		\$500,000	ALAE	Additional	Ultimate
	as of 6/30/2022		Ultimate Indemnity	Factor	ALAE	ALAE
3/31/2020	591,221		3,753,800	0.164	614,122	1,205,343
3/31/2021	253,442		4,696,514	0.201	945,408	1,198,850
3/31/2022	113,687		5,206,509	0.245	1,277,157	1,390,844
<u>Deductible Coverage</u>						
A.Y.E	Reported ALAE		\$500,000	ALAE	Additional	Ultimate
	as of 6/30/2022		Ultimate Indemnity	Factor	ALAE	ALAE
3/31/2020	171,050		840,919	0.164	137,574	308,624
3/31/2021	44,894		733,249	0.201	147,603	192,497
3/31/2022	29,439		673,863	0.245	165,299	194,738

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

ARIZONA

Premises/Operations

Manufacturers & Contractors

Fringe

Full Coverage

ALAE

Calculation of Cumulative Incremental Factors

(1)	(2)
Evaluation Period	Multistate Ratio (A)
15 to 27 Months	0.1310
27 to 39 Months	0.1471
39 to 51 Months	0.1022
51 to 63 Months	0.0995
63 to 75 Months	0.0398
75 to 87 Months	0.0284
87 to 99 Months	0.0115
99 to 111 Months	0.0145
111 to 123 Months	0.0056
123 to 135 Months	0.0003
135 to 147 Months	0.0007
147 to 159 Months	0.0012
159 to 171 Months	0.0013
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>
	0.583	0.452	0.305	0.203	0.103	0.064	0.035
<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>
	0.024	0.009	0.004	0.003	0.003	0.001	0.000

Full coverage

<u>A.Y.E</u>	<u>Reported ALAE as of 6/30/2022</u>	<u>\$500,000 Ultimate Indemnity</u>	<u>ALAE Factor</u>	<u>Additional ALAE</u>	<u>Ultimate ALAE</u>
3/31/2020	55,240	26,661	0.305	8,132	63,372
3/31/2021	18,992	210,420	0.452	95,131	114,123
3/31/2022	6,460	115,000	0.583	67,057	73,517

(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
ARIZONA
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	380,601	386,103	772,854	817,355	837,854	738,376	739,491	804,791	804,791	804,791	804,791
12/31/2003	321,550	459,739	551,168	479,849	524,205	570,205	570,205	570,205	570,205	570,205	570,205
12/31/2004	458,046	780,963	1,083,869	1,015,797	1,170,767	1,120,767	1,150,767	1,150,767	1,150,767	1,150,767	1,150,767
12/31/2005	222,821	789,670	774,770	614,570	610,920	613,743	606,635	606,635	606,635	606,635	606,635
12/31/2006	833,886	1,097,030	948,309	762,238	702,780	623,080	623,080	623,080	623,080	623,080	623,080
12/31/2007	946,452	1,424,136	1,327,253	1,479,022	1,582,571	1,522,572	1,437,672	1,437,672	1,637,572	1,637,572	1,637,572
12/31/2008	832,884	1,253,251	1,346,522	1,477,025	1,513,132	1,450,143	1,457,643	1,450,143	1,450,143	1,450,143	1,450,143
12/31/2009	447,935	972,607	1,058,010	1,075,730	989,238	989,238	989,238	992,238	992,238	993,238	1,083,169
12/31/2010	607,946	931,959	1,176,999	1,306,980	1,294,186	1,281,394	1,289,894	1,283,237	1,297,394	1,387,394	1,432,394
12/31/2011	927,335	1,248,500	1,552,124	1,497,329	1,458,453	1,609,583	1,535,564	1,553,420	1,609,540	1,610,533	1,610,533
12/31/2012	904,103	1,362,219	1,507,962	1,677,110	1,672,960	1,638,357	1,618,770	1,614,908	1,609,888	1,609,888	
12/31/2013	777,955	1,017,040	1,060,274	1,148,297	1,090,287	986,237	1,013,134	981,237	981,237		
12/31/2014	566,575	1,184,392	1,355,218	1,327,285	1,222,571	1,212,571	1,212,571	1,212,571			
12/31/2015	647,634	864,671	819,169	875,943	905,943	1,010,943					
12/31/2016	550,810	574,537	924,105	896,680	896,680	806,369					
12/31/2017	1,203,507	1,639,803	2,192,442	2,179,773	2,156,273						
12/31/2018	609,251	1,015,726	1,466,513	1,343,213							
12/31/2019	869,532	1,522,284	1,636,943								
12/31/2020	346,737	605,002									
12/31/2021	550,720										

<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	750,555	750,555	750,555	750,555	750,555	750,555	750,555	750,555	750,555
12/31/2003	570,205	570,205	570,205	570,205	570,205	570,205	570,205	570,205	
12/31/2004	1,150,767	1,150,767	1,150,767	1,150,767	1,150,767	1,150,767	1,150,767		
12/31/2005	606,635	606,635	606,635	606,635	606,635	606,635			
12/31/2006	623,080	623,080	623,080	623,080	623,080				
12/31/2007	1,637,572	1,637,572	1,637,572	1,637,572					
12/31/2008	1,450,143	1,450,143	1,450,143						
12/31/2009	1,017,650	1,017,650							
12/31/2010	1,432,394								

Premises / Operations (Subline Code 334)
Manufacturers and Contractors
Full Coverage
ARIZONA
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	1.014	2.002	1.058	1.025	0.881	1.002	1.088	1.000	1.000	1.000	0.933
12/31/2003	1.430	1.199	0.871	1.092	1.088	1.000	1.000	1.000	1.000	1.000	1.000
12/31/2004	1.705	1.388	0.937	1.153	0.957	1.027	1.000	1.000	1.000	1.000	1.000
12/31/2005	3.544	0.981	0.793	0.994	1.005	0.988	1.000	1.000	1.000	1.000	1.000
12/31/2006	1.316	0.864	0.804	0.922	0.887	1.000	1.000	1.000	1.000	1.000	1.000
12/31/2007	1.505	0.932	1.114	1.070	0.962	0.944	1.000	1.139	1.000	1.000	1.000
12/31/2008	1.505	1.074	1.097	1.024	0.958	1.005	0.995	1.000	1.000	1.000	1.000
12/31/2009	2.171	1.088	1.017	0.920	1.000	1.000	1.003	1.000	1.001	1.091	0.940
12/31/2010	1.533	1.263	1.110	0.990	0.990	1.007	0.995	1.011	1.069	1.032	1.000
12/31/2011	1.346	1.243	0.965	0.974	1.104	0.954	1.012	1.036	1.001	1.000	
12/31/2012	1.507	1.107	1.112	0.998	0.979	0.988	0.998	0.997	1.000		
12/31/2013	1.307	1.043	1.083	0.949	0.905	1.027	0.969	1.000			
12/31/2014	2.090	1.144	0.979	0.921	0.992	1.000	1.000				
12/31/2015	1.335	0.947	1.069	1.034	1.116	0.896					
12/31/2016	1.043	1.608	0.970	1.000	0.899						
12/31/2017	1.363	1.337	0.994	0.989							
12/31/2018	1.667	1.444	0.916								
12/31/2019	1.751	1.075									
12/31/2020	1.745										
3 Yr Mean	1.721	1.285	0.960	1.008	1.002	0.974	0.989	1.011	1.023	1.041	0.980
Best 3/5	1.592	1.285	0.981	0.979	0.959	0.981	0.998	1.004	1.001	1.011	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	1.000	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	1.000	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					0.959	0.981	0.998	1.004	1.001	1.011	1.000
12/31/2018				0.979	0.959	0.981	0.998	1.004	1.001	1.011	1.000
12/31/2019			0.981	0.979	0.959	0.981	0.998	1.004	1.001	1.011	1.000
12/31/2020		1.285	0.981	0.979	0.959	0.981	0.998	1.004	1.001	1.011	1.000
12/31/2021	1.592	1.285	0.981	0.979	0.959	0.981	0.998	1.004	1.001	1.011	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	1.000	0.954
12/31/2018	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	0.934
12/31/2019	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	0.916
12/31/2020	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.177
12/31/2021	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.874

Bold - Calculated Using Modified Bondy Method

Italics - Three year mean Excludes Modified Bondy ratios

Premises / Operations (Subline Code 334)
 Manufacturers and Contractors
 Full Coverage
 ARIZONA
 Bodily Injury - 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>
12/31/2002	34,105	84,257	261,762	556,833	633,134	635,836	640,194	636,183	654,425	777,237	863,818
12/31/2003	84,033	116,366	320,486	638,694	721,430	994,972	993,772	993,772	993,772	993,772	993,772
12/31/2004	5,233	24,371	204,580	607,779	741,859	1,007,746	1,116,175	1,137,722	1,152,722	1,227,722	1,227,722
12/31/2005	22,299	130,662	251,283	301,046	333,970	428,238	437,607	479,945	481,158	481,158	481,158
12/31/2006	57,341	143,031	438,241	451,557	639,737	640,344	640,344	640,344	640,344	640,344	640,344
12/31/2007	101,068	233,364	469,606	680,789	829,572	939,449	938,968	938,968	979,994	979,994	979,994
12/31/2008	12,440	230,308	578,971	784,950	830,483	855,449	870,484	870,595	870,595	870,595	870,595
12/31/2009	169,833	330,244	537,505	560,737	599,155	613,927	613,927	613,927	613,927	644,191	678,854
12/31/2010	78,733	235,368	482,168	806,380	946,226	959,403	978,980	988,980	1,018,980	1,018,359	1,018,423
12/31/2011	54,329	345,996	693,301	1,102,359	1,324,670	1,321,631	1,598,366	1,876,315	1,877,042	1,839,751	1,850,538
12/31/2012	107,337	266,233	888,659	1,351,939	1,919,754	1,929,362	1,937,197	2,035,983	1,993,554	1,993,554	
12/31/2013	125,937	387,803	702,643	1,003,969	1,212,067	1,217,044	1,286,352	1,324,112	1,324,112		
12/31/2014	79,388	403,009	791,534	910,148	978,077	944,555	966,450	966,450			
12/31/2015	108,316	264,329	544,914	540,500	541,776	556,776	555,439				
12/31/2016	70,388	253,577	337,168	500,712	598,732	606,601					
12/31/2017	166,808	501,467	872,028	1,537,422	1,422,138						
12/31/2018	63,441	404,204	673,324	1,199,888							
12/31/2019	254,832	492,736	940,920								
12/31/2020	48,386	77,611									
12/31/2021	61,924										

<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	887,694	889,785	889,785	889,785	889,785	889,785	889,785	889,785	889,785
12/31/2003	993,772	993,772	993,772	993,772	993,772	993,772	993,772	993,772	
12/31/2004	1,228,710	1,228,710	1,228,710	1,228,710	1,228,710	1,228,710	1,228,710		
12/31/2005	481,158	481,158	481,158	481,158	481,158	481,158			
12/31/2006	640,344	640,344	640,344	640,344	640,344				
12/31/2007	979,994	979,994	979,994	979,994					
12/31/2008	870,595	870,595	870,595						
12/31/2009	642,131	642,131							
12/31/2010	1,018,423								

Premises / Operations (Subline Code 334)
Manufacturers and Contractors
Full Coverage
ARIZONA
Bodily 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	50,152	177,505	295,071	76,301	2,702	4,358	-4,011	18,242	122,812	86,581	23,876	2,091	0
12/31/2003	32,333	204,120	318,208	82,736	273,542	-1,200	0	0	0	0	0	0	0
12/31/2004	19,138	180,209	403,199	134,080	265,887	108,429	21,547	15,000	75,000	0	988	0	0
12/31/2005	108,363	120,621	49,763	32,924	94,268	9,369	42,338	1,213	0	0	0	0	0
12/31/2006	85,690	295,210	13,316	188,180	607	0	0	0	0	0	0	0	0
12/31/2007	132,296	236,242	211,183	148,783	109,877	-481	0	41,026	0	0	0	0	0
12/31/2008	217,868	348,663	205,979	45,533	24,966	15,035	111	0	0	0	0	0	0
12/31/2009	160,411	207,261	23,232	38,418	14,772	0	0	0	30,264	34,663	-36,723	0	0
12/31/2010	156,635	246,800	324,212	139,846	13,177	19,577	10,000	30,000	-621	64	0	0	0
12/31/2011	291,667	347,305	409,058	222,311	-3,039	276,735	277,949	727	-37,291	10,787	0	0	0
12/31/2012	158,896	622,426	463,280	567,815	9,608	7,835	98,786	-42,429	0	0	0	0	0
12/31/2013	261,866	314,840	301,326	208,098	4,977	69,308	37,760	0	0	0	0	0	0
12/31/2014	323,621	388,525	118,614	67,929	-33,522	21,895	0	0	0	0	0	0	0
12/31/2015	156,013	280,585	-4,414	1,276	15,000	-1,337	0	0	0	0	0	0	0
12/31/2016	183,189	83,591	163,544	98,020	7,869	0	0	0	0	0	0	0	0
12/31/2017	334,659	370,561	665,394	-115,284	0	0	0	0	0	0	0	0	0
12/31/2018	340,763	269,120	526,564	0	0	0	0	0	0	0	0	0	0
12/31/2019	237,904	448,184	0	0	0	0	0	0	0	0	0	0	0
12/31/2020	29,225	0	0	0	0	0	0	0	0	0	0	0	0

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	0.0399	0.1414	0.2350	0.0608	0.0022	0.0035	-0.0032	0.0145	0.0978	0.0690	0.0190	0.0017	0.0000
12/31/2003	0.0333	0.2104	0.3280	0.0853	0.2819	-0.0012	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12/31/2004	0.0070	0.0657	0.1470	0.0489	0.0970	0.0395	0.0079	0.0055	0.0274	0.0000	0.0004	0.0000	0.0000
12/31/2005	0.1076	0.1198	0.0494	0.0327	0.0936	0.0093	0.0421	0.0012	0.0000	0.0000	0.0000	0.0000	0.0000
12/31/2006	0.0706	0.2434	0.0110	0.1551	0.0005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12/31/2007	0.0485	0.0866	0.0774	0.0545	0.0403	-0.0002	0.0000	0.0150	0.0000	0.0000	0.0000	0.0000	0.0000
12/31/2008	0.1037	0.1660	0.0981	0.0217	0.0119	0.0072	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12/31/2009	0.1002	0.1294	0.0145	0.0240	0.0092	0.0000	0.0000	0.0000	0.0189	0.0216	-0.0229	0.0000	
12/31/2010	0.0921	0.1451	0.1906	0.0822	0.0077	0.0115	0.0059	0.0176	-0.0004	0.0000	0.0000		
12/31/2011	0.1027	0.1223	0.1440	0.0783	-0.0011	0.0974	0.0978	0.0003	-0.0131	0.0038			
12/31/2012	0.0549	0.2150	0.1600	0.1961	0.0033	0.0027	0.0341	-0.0147	0.0000				
12/31/2013	0.1307	0.1571	0.1504	0.1038	0.0025	0.0346	0.0188	0.0000					
12/31/2014	0.1444	0.1733	0.0529	0.0303	-0.0150	0.0098	0.0000						
12/31/2015	0.0963	0.1731	-0.0027	0.0008	0.0093	-0.0008							
12/31/2016	0.1024	0.0467	0.0915	0.0548	0.0044								
12/31/2017	0.0841	0.0931	0.1672	-0.0290									
12/31/2018	0.1143	0.0903	0.1767										
12/31/2019	0.0672	0.1266											
12/31/2020	0.0272												

Best 3/5	0.0846	0.1033	0.1039	0.0286	0.0034	0.0157	0.0196	0.0001	-0.0001	0.0013	0.0000	0.0000	0.0000
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Premises / Operations (Subline Code 334)
Manufacturers and Contractors
Full Coverage
ARIZONA
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	992,226	964,156	1,180,745	1,157,090	1,157,090	1,172,667	1,179,082	1,179,082	1,174,083	1,174,083	1,174,083
12/31/2003	709,352	893,666	793,616	621,371	741,224	741,226	772,022	756,956	755,457	766,977	766,976
12/31/2004	813,238	978,256	1,015,203	948,930	948,930	970,844	980,489	955,490	955,490	955,490	955,491
12/31/2005	1,073,185	1,162,674	1,278,090	1,320,061	1,316,062	1,366,812	1,391,555	1,539,055	1,539,055	1,551,305	1,517,055
12/31/2006	910,461	852,576	864,915	814,087	880,686	877,460	877,460	897,460	923,460	902,560	886,210
12/31/2007	1,243,337	1,359,805	1,307,614	1,228,458	1,271,908	1,271,908	1,312,013	1,312,010	1,311,918	1,311,914	1,311,908
12/31/2008	1,125,717	977,942	1,100,282	1,091,540	1,078,428	1,028,432	1,075,930	1,031,033	1,031,178	1,045,928	1,040,040
12/31/2009	1,167,628	1,270,412	1,189,812	1,182,222	1,229,631	1,258,556	1,247,263	1,324,724	1,255,353	1,247,599	1,247,597
12/31/2010	1,048,190	1,043,360	1,070,562	1,147,565	1,245,815	1,272,941	1,162,938	1,163,946	1,183,946	1,183,936	1,163,936
12/31/2011	1,457,204	1,323,883	1,459,386	1,458,426	1,513,682	1,487,198	1,501,229	1,507,173	1,490,163	1,490,160	1,498,158
12/31/2012	1,288,503	1,552,634	1,566,865	1,578,773	1,634,103	1,652,810	1,648,813	1,655,164	1,660,164	1,652,164	
12/31/2013	1,190,536	1,232,914	1,617,520	1,464,513	1,434,299	1,468,447	1,468,447	1,468,447	1,468,447		
12/31/2014	1,584,920	2,074,847	2,113,817	2,266,793	2,286,043	2,286,043	2,111,043	1,976,043			
12/31/2015	1,130,930	1,450,669	1,513,982	1,638,631	1,760,882	1,883,277	1,854,778				
12/31/2016	1,144,521	1,584,712	1,582,277	1,848,810	2,051,310	2,246,312					
12/31/2017	1,405,526	1,660,638	1,777,185	1,864,062	1,984,062						
12/31/2018	2,031,336	2,095,143	2,452,384	2,552,480							
12/31/2019	1,934,424	2,317,702	2,424,306								
12/31/2020	1,711,311	2,190,180									
12/31/2021	1,933,215										

<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	1,174,083	1,174,083	1,174,083	1,174,083	1,174,083	1,174,083	1,174,083	1,174,083	1,174,083
12/31/2003	766,976	766,958	731,696	731,696	731,696	731,696	731,696	730,819	
12/31/2004	955,492	955,490	955,490	955,490	958,517	958,517	958,517		
12/31/2005	1,513,805	1,513,805	1,513,805	1,513,805	1,513,805	1,513,805			
12/31/2006	886,210	911,210	911,210	901,210	886,960				
12/31/2007	1,311,908	1,326,908	1,311,908	1,311,908					
12/31/2008	1,065,040	1,090,040	1,118,740						
12/31/2009	1,247,597	1,247,597							
12/31/2010	1,213,936								

Premises / Operations (Subline Code 334)
Manufacturers and Contractors
Full Coverage
ARIZONA
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	0.972	1.225	0.980	1.000	1.013	1.005	1.000	0.996	1.000	1.000	1.000
12/31/2003	1.260	0.888	0.783	1.193	1.000	1.042	0.980	0.998	1.015	1.000	1.000
12/31/2004	1.203	1.038	0.935	1.000	1.023	1.010	0.975	1.000	1.000	1.000	1.000
12/31/2005	1.083	1.099	1.033	0.997	1.039	1.018	1.106	1.000	1.008	0.978	0.998
12/31/2006	0.936	1.014	0.941	1.082	0.996	1.000	1.023	1.029	0.977	0.982	1.000
12/31/2007	1.094	0.962	0.939	1.035	1.000	1.032	1.000	1.000	1.000	1.000	1.000
12/31/2008	0.869	1.125	0.992	0.988	0.954	1.046	0.958	1.000	1.014	0.994	1.024
12/31/2009	1.088	0.937	0.994	1.040	1.024	0.991	1.062	0.948	0.994	1.000	1.000
12/31/2010	0.995	1.026	1.072	1.086	1.022	0.914	1.001	1.017	1.000	0.983	1.043
12/31/2011	0.909	1.102	0.999	1.038	0.983	1.009	1.004	0.989	1.000	1.005	
12/31/2012	1.205	1.009	1.008	1.035	1.011	0.998	1.004	1.003	0.995		
12/31/2013	1.036	1.312	0.905	0.979	1.024	1.000	1.000	1.000			
12/31/2014	1.309	1.019	1.072	1.008	1.000	0.923	0.936				
12/31/2015	1.283	1.044	1.082	1.075	1.070	0.985					
12/31/2016	1.385	0.998	1.168	1.110	1.095						
12/31/2017	1.182	1.070	1.049	1.064							
12/31/2018	1.031	1.171	1.041								
12/31/2019	1.198	1.046									
12/31/2020	1.280										
3 Yr Mean	1.170	1.096	1.086	1.083	1.055	0.969	0.980	0.997	0.998	0.996	1.022
Best 3/5	1.220	1.053	1.068	1.049	1.035	0.994	1.002	0.997	0.998	0.998	1.008
	<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	1.000	1.000	1.000	1.000	1.000	1.000			
12/31/2003	1.000	0.954	1.000	1.000	1.000	1.000	0.999	1.000			
12/31/2004	1.000	1.000	1.000	1.003	1.000	1.000	1.000	1.000			
12/31/2005	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000			
12/31/2006	1.028	1.000	0.989	0.984	1.000	1.000	1.000	1.000			
12/31/2007	1.011	0.989	1.000								
12/31/2008	1.023	1.026									
12/31/2009	1.000										
3 Yr Mean	1.011	1.005	0.996	0.996	1.000	1.000	1.000	1.000			
Best 3/5	1.011	1.000	1.000	1.000	1.000	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					1.035	0.994	1.002	0.997	0.998	0.998	1.008
12/31/2018				1.049	1.035	0.994	1.002	0.997	0.998	0.998	1.008
12/31/2019			1.068	1.049	1.035	0.994	1.002	0.997	0.998	0.998	1.008
12/31/2020		1.053	1.068	1.049	1.035	0.994	1.002	0.997	0.998	0.998	1.008
12/31/2021	1.220	1.053	1.068	1.049	1.035	0.994	1.002	0.997	0.998	0.998	1.008
	<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	1.011	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.043
12/31/2018	1.011	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.094
12/31/2019	1.011	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.169
12/31/2020	1.011	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.231
12/31/2021	1.011	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.501

Bold - Calculated Using Modified Bondy Method

Italics - Three year mean Excludes Modified Bondy ratios

Premises / Operations (Subline Code 334)
 Manufacturers and Contractors
 Full Coverage
 ARIZONA
 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>
12/31/2002	55,249	55,774	106,979	115,224	143,199	141,990	141,227	141,227	141,227	141,227	141,227
12/31/2003	42,676	64,614	134,872	165,829	391,983	402,597	424,382	423,203	424,684	515,972	563,068
12/31/2004	7,379	25,531	89,413	135,992	136,741	153,141	168,384	168,869	168,869	168,869	168,869
12/31/2005	28,630	130,603	249,252	460,333	469,086	681,215	772,526	905,580	905,588	933,352	963,219
12/31/2006	58,095	51,555	64,478	86,644	94,399	78,352	78,352	98,352	123,353	126,354	117,376
12/31/2007	126,650	190,712	430,387	378,545	376,435	376,645	411,646	412,145	411,643	412,883	413,097
12/31/2008	19,812	54,082	190,166	227,031	205,444	209,584	384,407	503,057	489,141	514,704	523,129
12/31/2009	41,448	199,510	324,776	456,400	452,001	472,922	487,512	566,315	592,842	613,042	621,811
12/31/2010	32,311	242,602	314,650	292,147	340,166	910,976	943,044	948,044	951,987	981,505	999,191
12/31/2011	233,042	272,226	313,417	384,441	463,741	403,410	541,029	472,167	472,167	472,162	472,162
12/31/2012	467,814	938,621	659,679	732,775	734,651	861,522	842,427	922,747	918,706	921,841	
12/31/2013	355,130	415,311	524,306	460,010	581,139	648,649	578,758	578,758	578,758		
12/31/2014	241,382	430,462	680,544	979,158	1,000,183	957,842	888,993	849,731			
12/31/2015	68,552	89,717	121,672	641,117	890,318	1,523,515	2,111,981				
12/31/2016	54,535	169,451	270,428	314,415	537,849	652,969					
12/31/2017	75,397	207,417	338,435	382,601	436,035						
12/31/2018	142,996	257,592	357,007	410,749							
12/31/2019	170,032	384,936	724,840								
12/31/2020	103,149	392,038									
12/31/2021	235,153										

<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	141,227	141,227	141,227	141,227	141,227	141,227	141,227	141,227	141227
12/31/2003	779,456	1,079,673	1,079,673	1,079,673	1,079,673	1,079,673	1,079,673	1079673	
12/31/2004	174,672	174,672	174,672	174,672	174,672	174,672	174672		
12/31/2005	945,530	955,530	970,531	970,531	970,531	990532			
12/31/2006	117,376	173,476	173,474	147,373	139574				
12/31/2007	413,097	438,097	417,501	417603					
12/31/2008	573,129	598,133	687634						
12/31/2009	621,811	621811							
12/31/2010	1,049,192								

Premises / Operations (Subline Code 334)
Manufacturers and Contractors
Full Coverage
ARIZONA
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>
12/31/2002	525	51,205	8,245	27,975	-1,209	-763	0	0	0	0	0	0	0
12/31/2003	21,938	70,258	30,957	226,154	10,614	21,785	-1,179	1,481	91,288	47,096	216,388	300,217	0
12/31/2004	18,152	63,882	46,579	749	16,400	15,243	485	0	0	0	5,803	0	0
12/31/2005	101,973	118,649	211,081	8,753	212,129	91,311	133,054	8	27,764	29,867	-17,689	10,000	15,001
12/31/2006	-6,540	12,923	22,166	7,755	-16,047	0	20,000	25,001	3,001	-8,978	0	56,100	-2
12/31/2007	64,062	239,675	-51,842	-2,110	210	35,001	499	-502	1,240	214	0	25,000	-20,596
12/31/2008	34,270	136,084	36,865	-21,587	4,140	174,823	118,650	-13,916	25,563	8,425	50,000	25,004	89,501
12/31/2009	158,062	125,266	131,624	-4,399	20,921	14,590	78,803	26,527	20,200	8,769	0	0	
12/31/2010	210,291	72,048	-22,503	48,019	570,810	32,068	5,000	3,943	29,518	17,686	50,001		
12/31/2011	39,184	41,191	71,024	79,300	-60,331	137,619	-68,862	0	-5	0			
12/31/2012	470,807	-278,942	73,096	1,876	126,871	-19,095	80,320	-4,041	3,135				
12/31/2013	60,181	108,995	-64,296	121,129	67,510	-69,891	0	0					
12/31/2014	189,080	250,082	298,614	21,025	-42,341	-68,849	-39,262						
12/31/2015	21,165	31,955	519,445	249,201	633,197	588,466							
12/31/2016	114,916	100,977	43,987	223,434	115,120								
12/31/2017	132,020	131,018	44,166	53,434									
12/31/2018	114,596	99,415	53,742										
12/31/2019	214,904	339,904											
12/31/2020	288,889												

	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	0.0002	0.0203	0.0033	0.0111	-0.0005	-0.0003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12/31/2003	0.0171	0.0548	0.0241	0.1762	0.0083	0.0170	-0.0009	0.0012	0.0711	0.0367	0.1686	0.2340	0.0000
12/31/2004	0.0143	0.0503	0.0367	0.0006	0.0129	0.0120	0.0004	0.0000	0.0000	0.0000	0.0046	0.0000	0.0000
12/31/2005	0.0407	0.0473	0.0842	0.0035	0.0846	0.0364	0.0531	0.0000	0.0111	0.0119	-0.0071	0.0040	0.0060
12/31/2006	-0.0049	0.0097	0.0166	0.0058	-0.0120	0.0000	0.0150	0.0187	0.0022	-0.0067	0.0000	0.0420	0.0000
12/31/2007	0.0347	0.1296	-0.0280	-0.0011	0.0001	0.0189	0.0003	-0.0003	0.0007	0.0001	0.0000	0.0135	-0.0111
12/31/2008	0.0297	0.1180	0.0320	-0.0187	0.0036	0.1517	0.1029	-0.0121	0.0222	0.0073	0.0434	0.0217	0.0776
12/31/2009	0.0608	0.0482	0.0506	-0.0017	0.0080	0.0056	0.0303	0.0102	0.0078	0.0034	0.0000	0.0000	
12/31/2010	0.1578	0.0541	-0.0169	0.0360	0.4284	0.0241	0.0038	0.0030	0.0222	0.0133	0.0375		
12/31/2011	0.0195	0.0204	0.0353	0.0394	-0.0299	0.0683	-0.0342	0.0000	0.0000	0.0000			
12/31/2012	0.2051	-0.1215	0.0318	0.0008	0.0553	-0.0083	0.0350	-0.0018	0.0014				
12/31/2013	0.0390	0.0706	-0.0416	0.0784	0.0437	-0.0452	0.0000	0.0000					
12/31/2014	0.0456	0.0603	0.0720	0.0051	-0.0102	-0.0166	-0.0095						
12/31/2015	0.0076	0.0115	0.1871	0.0898	0.2281	0.2119							
12/31/2016	0.0302	0.0266	0.0116	0.0588	0.0303								
12/31/2017	0.0426	0.0423	0.0142	0.0172									
12/31/2018	0.0357	0.0310	0.0167										
12/31/2019	0.0614	0.0971											
12/31/2020	0.1007												

Best 3/5	0.0466	0.0333	0.0343	0.0515	0.0431	0.0145	-0.0019	0.0010	0.0105	0.0036	0.0125	0.0131	0.0020
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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>
12/31/2002	48,814,394	78,872,282	102,026,625	119,501,832	117,174,589	114,780,666	113,670,029	113,123,777	113,451,837	113,304,385	113,324,594
12/31/2003	48,974,873	76,440,762	108,936,188	118,706,735	115,090,454	113,221,773	112,233,131	110,542,662	110,354,023	109,923,996	109,875,528
12/31/2004	50,314,358	82,496,779	105,131,303	109,921,304	107,254,365	105,111,348	104,285,364	103,565,201	103,750,722	103,732,620	103,750,034
12/31/2005	53,117,835	82,175,638	105,706,260	112,560,886	110,284,304	107,372,896	106,702,311	105,849,516	105,850,365	105,552,375	105,496,242
12/31/2006	53,209,546	81,405,433	99,499,908	105,977,452	104,658,423	104,957,667	105,070,944	103,753,502	103,643,686	103,134,213	102,926,212
12/31/2007	57,521,939	84,732,319	110,411,758	117,949,269	117,122,930	116,669,206	116,141,705	116,342,454	115,814,407	115,385,402	115,495,569
12/31/2008	61,887,016	94,762,782	116,610,460	124,929,160	124,561,309	124,101,321	125,121,271	123,266,495	123,607,035	123,617,056	123,733,197
12/31/2009	62,449,007	93,137,548	116,035,756	124,737,333	125,113,688	124,126,475	122,432,660	122,831,040	122,655,140	123,230,787	123,180,996
12/31/2010	63,769,968	92,711,297	118,443,040	127,027,901	127,585,183	125,783,606	126,095,696	125,570,873	126,165,885	125,982,179	125,897,991
12/31/2011	69,419,098	102,235,005	128,672,686	139,377,190	137,095,993	136,873,102	135,157,611	135,197,996	135,099,710	134,968,471	135,073,858
12/31/2012	55,205,082	84,700,023	108,562,304	112,751,952	114,226,437	115,018,922	115,348,392	115,421,782	115,581,333	115,192,677	
12/31/2013	56,502,999	88,530,811	109,784,507	120,625,894	123,644,372	122,611,675	121,653,984	121,490,862	121,057,055		
12/31/2014	61,008,999	94,618,243	124,262,599	133,752,918	136,249,966	135,308,725	135,381,142	135,335,938			
12/31/2015	52,976,934	86,256,385	114,274,098	124,238,128	127,151,534	126,939,775	125,985,660				
12/31/2016	53,245,864	85,167,955	113,411,333	124,474,681	127,510,652	128,349,965					
12/31/2017	55,897,327	90,710,462	118,032,061	129,067,550	131,321,466						
12/31/2018	56,959,899	96,229,192	123,742,805	136,073,757							
12/31/2019	58,406,517	91,993,465	119,329,462								
12/31/2020	50,413,117	75,405,130									
12/31/2021	55,175,378										

<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	113,485,678	113,458,615	113,263,569	113,239,246	113,211,737	113,312,205	113,385,595	113,370,038	113,304,485
12/31/2003	109,730,680	109,912,222	109,732,130	109,740,236	109,746,735	109,880,194	109,877,663	109,857,496	
12/31/2004	103,866,893	104,012,692	103,937,791	103,974,391	104,058,917	104,041,147	104,028,480		
12/31/2005	105,454,931	105,530,668	105,634,664	105,675,498	105,764,498	105,744,331			
12/31/2006	102,774,438	103,046,055	103,184,991	103,155,815	103,189,284				
12/31/2007	115,601,829	115,698,915	115,793,372	115,726,735					
12/31/2008	123,764,890	123,928,760	123,741,714						
12/31/2009	123,447,295	123,492,939							
12/31/2010	125,711,685								

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											
<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	1.616	1.294	1.171	0.981	0.980	0.990	0.995	1.003	0.999	1.000	1.001
12/31/2003	1.561	1.425	1.090	0.970	0.984	0.991	0.985	0.998	0.996	1.000	0.999
12/31/2004	1.640	1.274	1.046	0.976	0.980	0.992	0.993	1.002	1.000	1.000	1.001
12/31/2005	1.547	1.286	1.065	0.980	0.974	0.994	0.992	1.000	0.997	0.999	1.000
12/31/2006	1.530	1.222	1.065	0.988	1.003	1.001	0.987	0.999	0.995	0.998	0.999
12/31/2007	1.473	1.303	1.068	0.993	0.996	0.995	1.002	0.995	0.996	1.001	1.001
12/31/2008	1.531	1.231	1.071	0.997	0.996	1.008	0.985	1.003	1.000	1.001	1.000
12/31/2009	1.491	1.246	1.075	1.003	0.992	0.986	1.003	0.999	1.005	1.000	1.002
12/31/2010	1.454	1.278	1.072	1.004	0.986	1.002	0.996	1.005	0.999	0.999	0.999
12/31/2011	1.473	1.259	1.083	0.984	0.998	0.987	1.000	0.999	0.999	1.001	
12/31/2012	1.534	1.282	1.039	1.013	1.007	1.003	1.001	1.001	0.997		
12/31/2013	1.567	1.240	1.099	1.025	0.992	0.992	0.999	0.996			
12/31/2014	1.551	1.313	1.076	1.019	0.993	1.001	1.000				
12/31/2015	1.628	1.325	1.087	1.023	0.998	0.992					
12/31/2016	1.600	1.332	1.098	1.024	1.007						
12/31/2017	1.623	1.301	1.093	1.017							
12/31/2018	1.689	1.286	1.100								
12/31/2019	1.575	1.297									
12/31/2020	1.496										
3 Yr Mean	1.587	1.295	1.097	1.021	0.999	0.995	1.000	0.999	0.998	1.000	1.000
Best 3/5	1.599	1.308	1.093	1.022	0.999	0.995	1.000	1.000	0.999	1.001	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	0.998	1.000	1.000	1.001	1.001	1.000	0.999			
12/31/2003	1.002	0.998	1.000	1.000	1.001	1.000	1.000	1.000			
12/31/2004	1.001	0.999	1.000	1.001	1.000	1.000	1.000	1.000			
12/31/2005	1.001	1.001	1.000	1.001	1.000	1.000	1.000	1.000			
12/31/2006	1.003	1.001	1.000	1.000	1.000	1.000	1.000	1.000			
12/31/2007	1.001	1.001	0.999								
12/31/2008	1.001	0.998									
12/31/2009	1.000										
3 Yr Mean	1.001	1.000	1.000	1.001	1.000	1.000	1.000	0.999			
Best 3/5	1.001	1.000	1.000	1.000	1.000	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					0.999	0.995	1.000	1.000	0.999	1.001	1.000
12/31/2018				1.022	0.999	0.995	1.000	1.000	0.999	1.001	1.000
12/31/2019			1.093	1.022	0.999	0.995	1.000	1.000	0.999	1.001	1.000
12/31/2020		1.308	1.093	1.022	0.999	0.995	1.000	1.000	0.999	1.001	1.000
12/31/2021	1.599	1.308	1.093	1.022	0.999	0.995	1.000	1.000	0.999	1.001	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	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	0.995	
12/31/2018	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.017	
12/31/2019	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.111	
12/31/2020	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.454	
12/31/2021	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	2.325	

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>
12/31/2002	5,104,067	9,782,544	12,868,805	14,388,895	15,167,875	14,809,519	14,525,472	14,504,369	14,136,964	14,172,110	14,142,986
12/31/2003	6,100,507	9,697,100	13,744,372	15,401,000	14,154,068	13,449,559	13,402,623	13,341,493	13,396,313	13,370,998	13,459,232
12/31/2004	5,944,082	10,613,471	16,382,646	15,550,556	15,759,548	15,358,743	14,893,273	14,625,972	14,298,415	13,983,253	13,946,407
12/31/2005	7,661,280	12,673,411	16,605,797	17,588,818	18,118,054	17,196,855	16,966,036	16,569,499	16,446,636	16,560,406	16,652,664
12/31/2006	9,101,402	13,649,221	16,219,632	17,523,212	18,109,422	17,703,030	17,890,860	17,721,806	17,712,573	17,525,237	17,713,746
12/31/2007	8,396,526	12,199,160	16,521,500	17,327,464	17,855,299	17,526,562	17,549,481	17,897,584	17,866,941	17,985,620	17,898,952
12/31/2008	9,699,223	12,608,981	15,985,156	17,390,808	17,720,034	18,060,416	17,703,707	17,621,996	17,478,980	17,570,413	17,611,557
12/31/2009	9,465,427	13,637,993	16,191,759	17,544,840	17,640,459	18,281,125	18,340,711	18,341,849	18,325,817	18,337,246	18,378,701
12/31/2010	10,326,085	13,207,725	17,648,247	19,312,677	19,616,683	19,085,943	18,600,712	18,530,255	18,427,589	18,326,839	18,314,389
12/31/2011	10,071,823	13,849,816	18,577,211	20,382,801	20,295,229	20,421,159	20,347,516	20,291,187	20,323,917	20,331,904	20,531,904
12/31/2012	5,991,227	14,336,088	18,360,968	18,559,750	19,024,291	19,199,354	19,036,914	19,239,495	19,051,242	19,170,343	
12/31/2013	9,368,606	15,584,844	18,420,384	22,029,542	22,868,942	22,617,252	22,710,819	22,677,553	22,677,352		
12/31/2014	10,319,030	14,847,681	21,582,167	25,015,434	26,178,720	25,949,055	25,944,518	25,751,986			
12/31/2015	10,390,942	17,295,104	23,273,463	26,455,924	26,785,931	26,532,027	25,908,101				
12/31/2016	9,748,734	15,826,994	22,097,472	24,344,538	25,799,046	24,556,791					
12/31/2017	11,370,211	20,248,797	27,383,751	29,552,797	30,361,172						
12/31/2018	9,579,770	17,887,290	24,028,171	26,912,739							
12/31/2019	10,613,347	15,977,696	20,837,972								
12/31/2020	8,456,181	12,943,904									
12/31/2021	7,491,510										

<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	14,331,640	14,278,776	14,270,674	14,270,674	14,339,674	14,339,674	14,339,674	14,339,674	14,339,674
12/31/2003	13,415,042	13,415,042	13,338,542	13,340,042	13,340,042	13,333,843	13,333,843	13,333,843	
12/31/2004	13,989,989	13,944,888	13,979,888	13,979,888	13,979,888	13,979,888	13,979,888		
12/31/2005	16,860,485	16,827,415	16,904,914	16,904,914	16,904,914	16,904,914			
12/31/2006	17,633,306	17,930,305	17,934,806	17,934,805	17,929,055				
12/31/2007	17,823,450	17,822,200	17,822,200	17,822,200					
12/31/2008	17,663,496	17,603,908	17,611,241						
12/31/2009	18,378,700	18,386,034							
12/31/2010	18,314,539								

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.	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	1.917	1.315	1.118	1.054	0.976	0.981	0.999	0.975	1.002	0.998	1.013
12/31/2003	1.590	1.417	1.121	0.919	0.950	0.997	0.995	1.004	0.998	1.007	0.997
12/31/2004	1.786	1.544	0.949	1.013	0.975	0.970	0.982	0.978	0.978	0.997	1.003
12/31/2005	1.654	1.310	1.059	1.030	0.949	0.987	0.977	0.993	1.007	1.006	1.012
12/31/2006	1.500	1.188	1.080	1.033	0.978	1.011	0.991	0.999	0.989	1.011	0.995
12/31/2007	1.453	1.354	1.049	1.030	0.982	1.001	1.020	0.998	1.007	0.995	0.996
12/31/2008	1.300	1.268	1.088	1.019	1.019	0.980	0.995	0.992	1.005	1.002	1.003
12/31/2009	1.441	1.187	1.084	1.005	1.036	1.003	1.000	0.999	1.001	1.002	1.000
12/31/2010	1.279	1.336	1.094	1.016	0.973	0.975	0.996	0.994	0.995	0.999	1.000
12/31/2011	1.375	1.341	1.097	0.996	1.006	0.996	0.997	1.002	1.000	1.010	
12/31/2012	2.393	1.281	1.011	1.025	1.009	0.992	1.011	0.990	1.006		
12/31/2013	1.664	1.182	1.196	1.038	0.989	1.004	0.999	1.000			
12/31/2014	1.439	1.454	1.159	1.047	0.991	1.000	0.993				
12/31/2015	1.664	1.346	1.137	1.012	0.991	0.976					
12/31/2016	1.623	1.396	1.102	1.060	0.952						
12/31/2017	1.781	1.352	1.079	1.027							
12/31/2018	1.867	1.343	1.120								
12/31/2019	1.505	1.304									
12/31/2020	1.531										
3 Yr Mean	1.634	1.333	1.100	1.033	0.978	0.993	1.001	0.997	1.000	1.004	1.001
Best 3/5	1.645	1.347	1.120	1.037	0.990	0.996	0.997	0.998	1.002	1.001	0.999
A.Y.E.	159:147	171:159	183:171	195:183	207:195	219:207	231:219	243:231			
12/31/2002	0.996	0.999	1.000	1.005	1.000	1.000	1.000	1.000			
12/31/2003	1.000	0.994	1.000	1.000	1.000	1.000	1.000	1.000			
12/31/2004	0.997	1.003	1.000	1.000	1.000	1.000	1.000	1.000			
12/31/2005	0.998	1.005	1.000	1.000	1.000	1.000	1.000	1.000			
12/31/2006	1.017	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	0.997	1.000									
12/31/2009	1.000										
3 Yr Mean	0.999	1.000	1.000	1.000	1.000	1.000	1.000	1.000			
Best 3/5	0.999	1.001	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					0.990	0.996	0.997	0.998	1.002	1.001	0.999
12/31/2018				1.037	0.990	0.996	0.997	0.998	1.002	1.001	0.999
12/31/2019			1.120	1.037	0.990	0.996	0.997	0.998	1.002	1.001	0.999
12/31/2020		1.347	1.120	1.037	0.990	0.996	0.997	0.998	1.002	1.001	0.999
12/31/2021	1.645	1.347	1.120	1.037	0.990	0.996	0.997	0.998	1.002	1.001	0.999
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	0.999	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	0.983
12/31/2018	0.999	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.019
12/31/2019	0.999	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.142
12/31/2020	0.999	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.538
12/31/2021	0.999	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	2.530

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

<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	7,959,547	21,289,827	36,739,665	55,304,757	63,957,024	70,976,624	73,951,905	73,927,323	75,011,299	75,888,957	75,782,428
12/31/2003	7,596,198	20,963,081	39,457,906	55,618,905	64,946,203	71,945,115	74,025,331	74,918,916	76,089,864	76,772,727	77,014,929
12/31/2004	5,923,546	17,035,136	34,211,365	47,645,873	57,555,835	63,142,930	64,992,905	65,630,720	67,066,047	67,648,079	67,591,094
12/31/2005	6,918,048	17,717,326	36,287,527	51,004,020	60,472,510	65,455,969	67,287,422	68,929,673	69,570,961	69,776,475	70,626,259
12/31/2006	6,734,572	19,086,964	37,608,328	51,429,041	60,599,827	64,586,282	67,704,234	69,070,776	69,562,353	69,653,253	69,731,286
12/31/2007	7,506,952	19,028,332	39,458,109	56,634,586	67,960,982	73,060,728	75,625,166	76,946,035	77,790,127	78,491,082	78,834,217
12/31/2008	7,533,342	22,354,156	41,812,516	62,380,865	75,090,688	81,666,161	85,688,287	86,506,020	87,387,824	87,664,151	87,672,126
12/31/2009	8,741,110	21,362,207	41,580,719	69,319,994	82,398,939	87,766,469	92,163,155	94,339,473	94,980,785	96,150,241	96,313,709
12/31/2010	7,270,156	23,763,040	49,126,310	66,735,828	80,705,902	85,808,065	89,832,010	91,252,881	91,199,243	91,402,947	91,743,139
12/31/2011	10,018,233	28,334,834	52,292,188	73,977,646	85,431,803	98,557,646	102,717,597	104,283,610	104,396,162	105,219,107	106,387,218
12/31/2012	8,002,801	23,342,813	46,089,010	64,302,826	78,117,562	83,641,384	87,633,634	88,851,133	89,716,550	90,473,938	
12/31/2013	8,832,109	26,854,247	49,686,236	69,812,144	81,564,119	87,940,534	90,395,881	91,483,633	92,361,797		
12/31/2014	11,729,786	29,397,812	57,970,954	81,701,081	92,189,529	96,944,931	100,121,403	101,933,646			
12/31/2015	8,411,628	25,129,473	47,113,290	67,108,161	80,647,062	88,072,643	91,858,094				
12/31/2016	10,699,611	27,972,188	49,991,814	72,358,744	84,457,524	94,096,399					
12/31/2017	9,314,630	29,491,080	53,069,375	73,905,625	91,190,706						
12/31/2018	9,828,025	26,643,569	52,277,599	77,765,814							
12/31/2019	10,840,378	28,437,097	57,390,463								
12/31/2020	10,206,358	22,928,631									
12/31/2021	9,551,400										
	<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	76,232,362	76,601,175	76,866,675	76,962,425	77,110,401	77,327,241	77,305,942	77,314,886	77,232,674		
12/31/2003	77,447,880	77,497,827	77,503,369	77,208,499	77,231,021	77,250,242	77,302,374	77,218,267			
12/31/2004	67,629,854	67,654,165	67,685,360	67,674,826	67,697,430	67,707,852	67,731,887				
12/31/2005	70,624,244	71,633,604	71,973,503	72,022,776	72,274,055	72,305,014					
12/31/2006	69,738,341	69,886,840	69,962,629	69,954,290	69,906,850						
12/31/2007	79,023,292	79,044,744	79,131,619	79,085,742							
12/31/2008	88,374,325	88,717,539	89,126,588								
12/31/2009	96,735,742	96,736,060									
12/31/2010	91,502,089										

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

A.Y.E.	27:15	39:27	51:39	63:51	75:63	Increments		87:75	99:87	111:99	123:111	135:123	147:135	159:147	171:159
12/31/2002	13,330,280	15,449,838	18,565,092	8,652,267	7,019,600	2,975,281	-24,582	1,083,976	877,658	-106,529	449,934	368,813	265,500		
12/31/2003	13,366,883	18,494,825	16,160,999	9,327,298	6,998,912	2,080,216	893,585	1,170,948	682,863	242,202	432,951	49,947	5,542		
12/31/2004	11,111,590	17,176,229	13,434,508	9,909,962	5,587,095	1,849,975	637,815	1,435,327	582,032	-56,985	38,760	24,311	31,195		
12/31/2005	10,799,278	18,570,201	14,716,493	9,468,490	4,983,459	1,831,453	1,642,251	641,288	205,514	849,784	-2,015	1,009,360	339,899		
12/31/2006	12,352,392	18,521,364	13,820,713	9,170,786	3,986,455	3,117,952	1,366,542	491,577	90,900	78,033	7,055	148,499	75,789		
12/31/2007	11,521,380	20,429,777	17,176,477	11,326,396	5,099,746	2,564,438	1,320,869	844,092	700,955	343,135	189,075	21,452	86,875		
12/31/2008	14,820,814	19,458,360	20,568,349	12,709,823	6,575,473	4,022,126	817,733	881,804	276,327	7,975	702,199	343,214	409,049		
12/31/2009	12,621,097	20,218,512	27,739,275	13,078,945	5,367,530	4,396,686	2,176,318	641,312	1,169,456	163,468	422,033	318			
12/31/2010	16,492,884	25,363,270	17,609,518	13,970,074	5,102,163	4,023,945	1,420,871	-53,638	203,704	340,192	-241,050				
12/31/2011	18,316,601	23,957,354	21,685,458	11,454,157	13,125,843	4,159,951	1,566,013	112,552	822,945	1,168,111					
12/31/2012	15,340,012	22,746,197	18,213,816	13,814,736	5,523,822	3,992,250	1,217,499	865,417	757,388						
12/31/2013	18,022,138	22,831,989	20,125,908	11,751,975	6,376,415	2,455,347	1,087,752	878,164							
12/31/2014	17,668,026	28,573,142	23,730,127	10,488,448	4,755,402	3,176,472	1,812,243								
12/31/2015	16,717,845	21,983,817	19,994,871	13,538,901	7,425,581	3,785,451									
12/31/2016	17,272,577	22,019,626	22,366,930	12,098,780	9,638,875										
12/31/2017	20,176,450	23,578,295	20,836,250	17,285,081											
12/31/2018	16,815,544	25,634,030	25,488,215												
12/31/2019	17,596,719	28,953,366													
12/31/2020	12,722,273														

A.Y.E.	27:15	39:27	51:39	63:51	75:63	Incremental Percentages		87:75	99:87	111:99	123:111	135:123	147:135	159:147	171:159
12/31/2002	0.0633	0.0734	0.0882	0.0411	0.0334	0.0141	-0.0001	0.0052	0.0042	-0.0005	0.0021	0.0018	0.0013		
12/31/2003	0.0678	0.0938	0.0820	0.0473	0.0355	0.0105	0.0045	0.0059	0.0035	0.0012	0.0022	0.0003	0.0000		
12/31/2004	0.0564	0.0872	0.0682	0.0503	0.0284	0.0094	0.0032	0.0073	0.0030	-0.0003	0.0002	0.0001	0.0002		
12/31/2005	0.0569	0.0978	0.0775	0.0499	0.0262	0.0096	0.0086	0.0034	0.0011	0.0045	0.0000	0.0053	0.0018		
12/31/2006	0.0597	0.0896	0.0668	0.0443	0.0193	0.0151	0.0066	0.0024	0.0004	0.0004	0.0000	0.0007	0.0004		
12/31/2007	0.0506	0.0898	0.0755	0.0498	0.0224	0.0113	0.0058	0.0037	0.0031	0.0015	0.0008	0.0001	0.0004		
12/31/2008	0.0623	0.0818	0.0865	0.0534	0.0276	0.0169	0.0034	0.0037	0.0012	0.0000	0.0030	0.0014	0.0017		
12/31/2009	0.0535	0.0857	0.1175	0.0554	0.0227	0.0186	0.0092	0.0027	0.0050	0.0007	0.0018	0.0000			
12/31/2010	0.0717	0.1103	0.0766	0.0607	0.0222	0.0175	0.0062	-0.0002	0.0009	0.0015	-0.0010				
12/31/2011	0.0695	0.0909	0.0823	0.0435	0.0498	0.0158	0.0059	0.0004	0.0031	0.0044					
12/31/2012	0.0662	0.0981	0.0786	0.0596	0.0238	0.0172	0.0053	0.0037	0.0033						
12/31/2013	0.0746	0.0945	0.0833	0.0486	0.0264	0.0102	0.0045	0.0036							
12/31/2014	0.0659	0.1066	0.0886	0.0391	0.0177	0.0119	0.0068								
12/31/2015	0.0668	0.0878	0.0798	0.0541	0.0297	0.0151									
12/31/2016	0.0634	0.0808	0.0821	0.0444	0.0354										
12/31/2017	0.0762	0.0890	0.0787	0.0653											
12/31/2018	0.0611	0.0931	0.0926												
12/31/2019	0.0618	0.1018													
12/31/2020	0.0518														

Best 3/5	0.0621	0.0900	0.0835	0.0490	0.0266	0.0143	0.0058	0.0022	0.0025	0.0012	0.0009	0.0007	0.0008		
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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>
12/31/2002	83,990,354	93,743,681	97,270,373	100,186,382	101,020,475	101,346,000	101,630,656	101,557,913	102,164,682	102,716,593	102,637,045
12/31/2003	77,344,415	85,264,267	90,456,974	92,568,787	93,713,774	94,754,169	94,877,893	94,799,135	94,820,367	95,068,122	95,385,339
12/31/2004	95,579,155	105,985,406	105,185,802	107,424,157	108,486,904	107,915,405	108,018,692	108,272,749	108,886,766	108,925,906	109,247,718
12/31/2005	93,459,617	100,962,311	103,098,512	104,849,002	106,059,035	106,530,428	106,274,033	106,826,660	106,821,532	108,111,763	108,110,823
12/31/2006	95,495,861	102,781,201	104,882,283	106,618,104	108,988,966	110,128,837	111,936,350	111,943,842	112,586,314	113,035,471	113,116,523
12/31/2007	102,952,676	111,834,748	115,177,957	117,005,755	118,098,617	120,031,678	119,579,306	120,695,996	121,238,555	121,217,914	121,609,261
12/31/2008	106,868,392	115,182,773	118,112,566	120,933,295	122,693,367	122,933,171	123,277,669	124,006,649	124,543,209	125,572,936	126,361,510
12/31/2009	96,483,489	104,555,694	107,855,753	110,054,024	110,549,245	111,329,893	112,141,683	113,065,396	113,661,039	113,998,322	114,063,774
12/31/2010	103,987,997	112,962,924	115,461,260	117,197,697	117,839,200	118,198,895	118,760,337	119,146,530	119,203,710	119,284,857	119,545,996
12/31/2011	111,535,799	119,561,668	123,439,115	123,915,620	124,845,371	125,492,641	126,589,474	127,183,331	127,534,065	127,740,722	127,701,486
12/31/2012	103,491,977	111,279,655	115,116,991	117,171,543	118,283,767	119,828,947	120,803,705	121,138,483	121,661,161	121,961,794	
12/31/2013	97,257,132	107,119,274	111,324,603	113,231,286	113,793,740	114,613,312	115,686,133	116,724,668	117,380,186		
12/31/2014	100,433,417	111,684,526	116,171,365	120,953,229	122,488,233	123,746,161	124,896,201	125,353,679			
12/31/2015	98,377,790	111,241,806	117,992,957	121,336,547	122,093,937	123,985,638	124,932,178				
12/31/2016	102,115,851	114,880,966	120,966,737	122,826,602	125,134,031	127,343,285					
12/31/2017	109,371,637	123,826,015	129,957,703	131,490,247	134,414,729						
12/31/2018	111,099,575	126,116,901	133,297,831	134,726,421							
12/31/2019	111,762,388	124,822,116	129,417,395								
12/31/2020	99,574,838	110,434,132									
12/31/2021	104,111,720										

<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	102,754,159	103,098,152	103,526,024	103,358,462	103,391,443	103,517,814	103,596,970	103,588,871	103,568,633
12/31/2003	95,756,895	95,657,009	95,853,513	96,270,632	96,540,462	96,593,946	96,700,123	96,798,244	
12/31/2004	109,252,282	109,241,884	109,404,990	109,363,193	109,313,756	109,379,553	109,397,343		
12/31/2005	107,631,389	108,196,427	108,207,087	108,187,251	108,146,955	108,123,590			
12/31/2006	113,785,095	114,103,545	114,099,974	114,193,733	114,346,071				
12/31/2007	121,727,938	121,791,528	121,838,483	121,949,396					
12/31/2008	126,719,841	126,621,177	126,793,921						
12/31/2009	114,316,096	114,418,059							
12/31/2010	119,803,094								

Premises / Operations (Subline Code 334)
Manufacturers and Contractors
Full Coverage
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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	1.116	1.038	1.030	1.008	1.003	1.003	0.999	1.006	1.005	0.999	1.001
12/31/2003	1.102	1.061	1.023	1.012	1.011	1.001	0.999	1.000	1.003	1.003	1.004
12/31/2004	1.109	0.992	1.021	1.010	0.995	1.001	1.002	1.006	1.000	1.003	1.000
12/31/2005	1.080	1.021	1.017	1.012	1.004	0.998	1.005	1.000	1.012	1.000	0.996
12/31/2006	1.076	1.020	1.017	1.022	1.010	1.016	1.000	1.006	1.004	1.001	1.006
12/31/2007	1.086	1.030	1.016	1.009	1.016	0.996	1.009	1.004	1.000	1.003	1.001
12/31/2008	1.078	1.025	1.024	1.015	1.002	1.003	1.006	1.004	1.008	1.006	1.003
12/31/2009	1.084	1.032	1.020	1.004	1.007	1.007	1.008	1.005	1.003	1.001	1.002
12/31/2010	1.086	1.022	1.015	1.005	1.003	1.005	1.003	1.000	1.001	1.002	1.002
12/31/2011	1.072	1.032	1.004	1.008	1.005	1.009	1.005	1.003	1.002	1.000	
12/31/2012	1.075	1.034	1.018	1.009	1.013	1.008	1.003	1.004	1.002		
12/31/2013	1.101	1.039	1.017	1.005	1.007	1.009	1.009	1.006			
12/31/2014	1.112	1.040	1.041	1.013	1.010	1.009	1.004				
12/31/2015	1.131	1.061	1.028	1.006	1.015	1.008					
12/31/2016	1.125	1.053	1.015	1.019	1.018						
12/31/2017	1.132	1.050	1.012	1.022							
12/31/2018	1.135	1.057	1.011								
12/31/2019	1.117	1.037									
12/31/2020	1.109										
3 Yr Mean	1.120	1.048	1.013	1.016	1.014	1.009	1.005	1.004	1.002	1.001	1.002
Best 3/5	1.125	1.053	1.018	1.013	1.013	1.009	1.004	1.004	1.002	1.002	1.002
<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	1.003	1.004	0.998	1.000	1.001	1.001	1.000	1.000			
12/31/2003	0.999	1.002	1.004	1.003	1.001	1.001	1.001	1.001			
12/31/2004	1.000	1.001	1.000	1.000	1.001	1.000	1.001	1.001			
12/31/2005	1.005	1.000	1.000	1.000	1.000	1.001	1.001	1.001			
12/31/2006	1.003	1.000	1.001	1.001	1.000	1.001	1.001	1.001			
12/31/2007	1.001	1.000	1.001								
12/31/2008	0.999	1.001									
12/31/2009	1.001										
3 Yr Mean	1.000	1.000	1.001	1.000	1.001	1.001	1.001	1.000			
Best 3/5	1.002	1.000	1.001	1.000	1.001	1.001	1.001	1.001			
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					1.013	1.009	1.004	1.004	1.002	1.002	1.002
12/31/2018				1.013	1.013	1.009	1.004	1.004	1.002	1.002	1.002
12/31/2019			1.018	1.013	1.013	1.009	1.004	1.004	1.002	1.002	1.002
12/31/2020		1.053	1.018	1.013	1.013	1.009	1.004	1.004	1.002	1.002	1.002
12/31/2021	1.125	1.053	1.018	1.013	1.013	1.009	1.004	1.004	1.002	1.002	1.002
<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	1.002	1.000	1.001	1.000	1.001	1.001	1.001	1.001	1.003	1.047	
12/31/2018	1.002	1.000	1.001	1.000	1.001	1.001	1.001	1.001	1.003	1.061	
12/31/2019	1.002	1.000	1.001	1.000	1.001	1.001	1.001	1.001	1.003	1.080	
12/31/2020	1.002	1.000	1.001	1.000	1.001	1.001	1.001	1.001	1.003	1.137	
12/31/2021	1.002	1.000	1.001	1.000	1.001	1.001	1.001	1.001	1.003	1.279	

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>
12/31/2002	17,244,233	20,186,752	19,694,175	20,398,546	20,917,713	21,484,857	21,597,887	22,024,569	22,067,179	22,203,062	22,204,756
12/31/2003	17,404,688	18,911,600	19,926,201	21,057,941	21,299,711	22,227,465	22,441,253	22,236,725	22,203,407	22,278,812	22,138,884
12/31/2004	18,066,296	21,689,500	23,128,944	23,294,820	23,385,611	23,092,130	22,926,254	23,023,735	22,975,497	22,784,785	22,863,357
12/31/2005	19,284,624	22,751,038	23,462,738	23,701,649	23,422,049	23,377,186	23,438,142	23,526,485	23,351,664	23,462,643	23,412,841
12/31/2006	23,939,555	25,407,439	25,301,698	25,823,503	25,332,800	25,348,243	25,475,092	25,666,929	25,788,834	25,974,405	25,892,559
12/31/2007	22,625,569	25,620,392	27,105,807	27,175,895	26,901,454	27,297,469	27,260,175	27,277,588	27,560,791	27,727,172	27,752,319
12/31/2008	25,153,897	27,163,434	28,273,346	27,864,452	28,059,556	27,901,387	27,738,601	27,824,186	28,007,889	28,116,338	28,167,162
12/31/2009	23,188,159	23,410,477	24,347,528	24,521,366	24,587,213	24,682,063	24,384,548	24,753,271	24,716,823	24,855,016	24,864,865
12/31/2010	21,744,117	22,804,970	24,010,605	24,313,860	24,246,807	24,512,638	24,541,216	24,763,584	24,830,828	24,805,714	24,911,537
12/31/2011	20,998,720	22,965,274	23,202,118	23,000,617	23,100,380	23,241,775	23,576,515	23,656,116	23,598,778	23,657,272	23,692,818
12/31/2012	20,595,202	22,292,611	23,615,670	23,718,118	23,939,300	24,024,998	24,123,077	24,247,649	24,367,345	24,355,980	
12/31/2013	20,043,758	21,133,675	22,044,041	21,914,167	21,990,804	21,751,635	21,885,711	22,039,049	22,111,685		
12/31/2014	24,489,728	27,233,408	27,628,134	28,250,693	28,667,965	28,819,288	28,777,196	28,854,267			
12/31/2015	24,790,394	27,932,209	28,619,815	29,222,667	29,271,815	29,668,329	29,787,149				
12/31/2016	23,560,524	26,720,457	28,309,520	28,213,800	29,109,688	29,332,142					
12/31/2017	24,124,025	28,209,310	29,341,993	30,474,660	30,896,140						
12/31/2018	25,875,664	28,658,417	32,560,411	33,399,001							
12/31/2019	23,002,919	26,120,369	26,779,191								
12/31/2020	17,218,903	19,592,719									
12/31/2021	18,093,709										

<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	22,277,981	22,307,915	22,161,428	22,131,929	22,116,358	21,960,424	21,947,736	21,947,736	21,848,310
12/31/2003	22,159,174	22,088,175	22,076,077	22,079,256	22,141,757	22,151,530	22,151,530	22,172,103	
12/31/2004	22,870,858	22,837,858	22,867,582	22,860,685	22,826,091	22,826,091	22,826,697		
12/31/2005	23,410,465	23,426,834	23,412,234	23,300,673	23,303,959	23,306,136			
12/31/2006	26,067,679	26,023,676	26,095,458	26,186,458	26,176,458				
12/31/2007	27,782,426	27,829,717	27,811,837	27,812,786					
12/31/2008	28,161,246	28,215,327	28,123,817						
12/31/2009	24,983,909	25,039,929							
12/31/2010	24,818,136								

Premises / Operations (Subline Code 334)
Manufacturers and Contractors
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	1.171	0.976	1.036	1.025	1.027	1.005	1.020	1.002	1.006	1.000	1.003
12/31/2003	1.087	1.054	1.057	1.011	1.044	1.010	0.991	0.999	1.003	0.994	1.001
12/31/2004	1.201	1.066	1.007	1.004	0.987	0.993	1.004	0.998	0.992	1.003	1.000
12/31/2005	1.180	1.031	1.010	0.988	0.998	1.003	1.004	0.993	1.005	0.998	1.000
12/31/2006	1.061	0.996	1.021	0.981	1.001	1.005	1.008	1.005	1.007	0.997	1.007
12/31/2007	1.132	1.058	1.003	0.990	1.015	0.999	1.001	1.010	1.006	1.001	1.001
12/31/2008	1.080	1.041	0.986	1.007	0.994	0.994	1.003	1.007	1.004	1.002	1.000
12/31/2009	1.010	1.040	1.007	1.003	1.004	0.988	1.015	0.999	1.006	1.000	1.005
12/31/2010	1.049	1.053	1.013	0.997	1.011	1.001	1.009	1.003	0.999	1.004	0.996
12/31/2011	1.094	1.010	0.991	1.004	1.006	1.014	1.003	0.998	1.002	1.002	
12/31/2012	1.082	1.059	1.004	1.009	1.004	1.004	1.005	1.005	1.000		
12/31/2013	1.054	1.043	0.994	1.003	0.989	1.006	1.007	1.003			
12/31/2014	1.112	1.014	1.023	1.015	1.005	0.999	1.003				
12/31/2015	1.127	1.025	1.021	1.002	1.014	1.004					
12/31/2016	1.134	1.059	0.997	1.032	1.008						
12/31/2017	1.169	1.040	1.039	1.014							
12/31/2018	1.108	1.136	1.026								
12/31/2019	1.136	1.025									
12/31/2020	1.138										
3 Yr Mean	1.127	1.067	1.021	1.016	1.009	1.003	1.005	1.002	1.000	1.002	1.000
Best 3/5	1.136	1.041	1.023	1.011	1.006	1.005	1.005	1.002	1.002	1.002	1.002
<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	1.001	0.993	0.999	0.999	0.993	0.999	1.000	0.995			
12/31/2003	0.997	0.999	1.000	1.003	1.000	1.000	1.001	1.000			
12/31/2004	0.999	1.001	1.000	0.998	1.000	1.000	1.000	1.000			
12/31/2005	1.001	0.999	0.995	1.000	1.000	1.000	1.000	1.000			
12/31/2006	0.998	1.003	1.003	1.000	1.000	1.000	1.000	1.000			
12/31/2007	1.002	0.999	1.000								
12/31/2008	1.002	0.997									
12/31/2009	1.002										
3 Yr Mean	1.002	1.000	0.999	0.999	1.000	1.000	1.001	0.995			
Best 3/5	1.002	1.000	1.000	1.000	1.000	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					1.006	1.005	1.005	1.002	1.002	1.002	1.002
12/31/2018				1.011	1.006	1.005	1.005	1.002	1.002	1.002	1.002
12/31/2019			1.023	1.011	1.006	1.005	1.005	1.002	1.002	1.002	1.002
12/31/2020		1.041	1.023	1.011	1.006	1.005	1.005	1.002	1.002	1.002	1.002
12/31/2021	1.136	1.041	1.023	1.011	1.006	1.005	1.005	1.002	1.002	1.002	1.002
<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	1.002	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.026	
12/31/2018	1.002	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.038	
12/31/2019	1.002	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.061	
12/31/2020	1.002	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.105	
12/31/2021	1.002	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.255	

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

<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	6,581,779	12,650,708	19,132,152	26,633,652	31,351,025	35,400,467	38,417,700	41,157,956	41,544,572	42,462,331	43,155,489
12/31/2003	7,005,475	11,414,665	18,948,404	25,827,631	28,600,275	31,271,168	31,621,268	32,698,509	33,680,486	34,614,437	35,771,498
12/31/2004	7,665,706	14,206,997	21,122,076	28,889,147	34,631,990	36,587,146	38,196,911	39,454,821	40,529,089	41,179,704	41,796,372
12/31/2005	6,789,692	13,002,085	20,346,631	26,216,377	31,142,171	34,929,393	37,558,679	39,676,336	40,587,290	41,836,951	42,939,278
12/31/2006	6,690,393	12,842,705	19,923,355	25,855,107	31,587,710	35,798,661	38,689,647	40,478,569	41,693,111	42,582,822	44,092,004
12/31/2007	7,345,268	13,050,193	22,038,448	28,312,820	32,698,185	35,978,217	38,324,667	40,600,138	42,989,966	44,915,555	44,759,578
12/31/2008	7,737,001	14,632,347	21,462,740	29,952,576	33,118,875	36,609,524	37,599,468	38,838,404	39,968,515	41,314,085	41,980,565
12/31/2009	7,996,861	13,836,297	20,629,046	30,218,981	33,690,906	35,372,805	36,828,642	39,274,166	39,354,001	40,438,878	40,800,390
12/31/2010	9,769,432	18,913,026	20,822,540	25,785,075	29,232,978	32,310,354	34,349,223	36,399,032	37,135,325	37,925,788	38,298,851
12/31/2011	8,783,686	14,894,512	22,552,561	28,227,290	29,558,806	31,754,544	33,480,909	34,731,069	35,861,258	36,767,923	37,002,138
12/31/2012	9,729,427	15,922,803	23,437,798	32,096,121	40,656,152	41,672,627	43,151,498	44,799,276	45,846,538	46,316,566	
12/31/2013	10,130,474	17,416,663	26,378,232	33,406,202	36,054,216	37,987,675	40,128,779	41,343,460	41,775,548		
12/31/2014	8,416,806	17,185,735	24,358,020	33,213,361	37,265,013	40,811,843	42,683,576	43,851,053			
12/31/2015	10,404,429	17,685,701	64,786,883	73,645,472	80,027,329	85,147,337	87,318,274				
12/31/2016	12,863,792	17,526,804	24,942,059	31,077,913	36,797,334	41,983,399					
12/31/2017	10,963,635	17,936,566	25,737,109	32,350,242	39,433,696						
12/31/2018	9,974,391	18,138,716	27,468,464	34,714,115							
12/31/2019	11,500,928	22,589,430	32,717,355								
12/31/2020	8,584,852	15,316,855									
12/31/2021	8,135,369										
	<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	43,616,082	43,675,657	44,772,376	44,721,860	44,781,164	44,953,897	45,203,744	45,617,231	45,684,969		
12/31/2003	36,817,175	37,486,985	37,726,454	38,613,380	38,867,452	39,237,609	39,331,059	39,385,117			
12/31/2004	42,214,579	42,407,163	44,137,053	44,515,353	44,905,754	45,339,929	45,215,866				
12/31/2005	42,802,659	44,263,725	44,351,704	44,428,098	44,631,123	44,108,014					
12/31/2006	45,003,965	45,758,352	46,248,252	46,714,985	47,003,301						
12/31/2007	45,447,676	45,973,345	45,880,623	45,754,017							
12/31/2008	42,414,516	42,685,979	42,885,217								
12/31/2009	41,755,694	42,282,281									
12/31/2010	38,648,890										

Premises / Operations (Subline Code 334)
Manufacturers and Contractors
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	6,068,929	6,481,444	7,501,500	4,717,373	4,049,442	3,017,233	2,740,256	386,616	917,759	693,158	460,593	59,575	1,096,719
12/31/2003	4,409,190	7,533,739	6,879,227	2,772,644	2,670,893	350,100	1,077,241	981,977	933,951	1,157,061	1,045,677	669,810	239,469
12/31/2004	6,541,291	6,915,079	7,767,071	5,742,843	1,955,156	1,609,765	1,257,910	1,074,268	650,615	616,668	418,207	192,584	1,729,890
12/31/2005	6,212,393	7,344,546	5,869,746	4,925,794	3,787,222	2,629,286	2,117,657	910,954	1,249,661	1,102,327	-136,619	1,461,066	87,979
12/31/2006	6,152,312	7,080,650	5,931,752	5,732,603	4,210,951	2,890,986	1,788,922	1,214,542	889,711	1,509,182	911,961	754,387	489,900
12/31/2007	5,704,925	8,988,255	6,274,372	4,385,365	3,280,032	2,346,450	2,275,471	2,389,828	1,925,589	-155,977	688,098	525,669	-92,722
12/31/2008	6,895,346	6,830,393	8,489,836	3,166,299	3,490,649	989,944	1,238,936	1,130,111	1,345,570	666,480	433,951	271,463	199,238
12/31/2009	5,839,436	6,792,749	9,589,935	3,471,925	1,681,899	1,455,837	2,445,524	79,835	1,084,877	361,512	955,304	526,587	
12/31/2010	9,143,594	1,909,514	4,962,535	3,447,903	3,077,376	2,038,869	2,049,809	736,293	790,463	373,063	350,039		
12/31/2011	6,110,826	7,658,049	5,674,729	1,331,516	2,195,738	1,726,365	1,250,160	1,130,189	906,665	234,215			
12/31/2012	6,193,376	7,514,995	8,658,323	8,560,031	1,016,475	1,478,871	1,647,778	1,047,262	470,028				
12/31/2013	7,286,189	8,961,569	7,027,970	2,648,014	1,933,459	2,141,104	1,214,681	432,088					
12/31/2014	8,768,929	7,172,285	8,855,341	4,051,652	3,546,830	1,871,733	1,167,477						
12/31/2015	7,281,272	47,101,182	8,858,589	6,381,857	5,120,008	2,170,937							
12/31/2016	4,663,012	7,415,255	6,135,854	5,719,421	5,186,065								
12/31/2017	6,972,931	7,800,543	6,613,133	7,083,454									
12/31/2018	8,164,325	9,329,748	7,245,651										
12/31/2019	11,088,502	10,127,925											
12/31/2020	6,732,003												

	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	0.0452	0.0482	0.0558	0.0351	0.0301	0.0225	0.0204	0.0029	0.0068	0.0052	0.0034	0.0004	0.0082
12/31/2003	0.0355	0.0606	0.0553	0.0223	0.0215	0.0028	0.0087	0.0079	0.0075	0.0093	0.0084	0.0054	0.0019
12/31/2004	0.0459	0.0485	0.0545	0.0403	0.0137	0.0113	0.0088	0.0075	0.0046	0.0043	0.0029	0.0014	0.0121
12/31/2005	0.0453	0.0536	0.0428	0.0360	0.0276	0.0192	0.0155	0.0066	0.0091	0.0080	-0.0010	0.0107	0.0006
12/31/2006	0.0421	0.0484	0.0406	0.0392	0.0288	0.0198	0.0122	0.0083	0.0061	0.0103	0.0062	0.0052	0.0034
12/31/2007	0.0364	0.0574	0.0400	0.0280	0.0209	0.0150	0.0145	0.0153	0.0123	-0.0010	0.0044	0.0034	-0.0006
12/31/2008	0.0421	0.0417	0.0518	0.0193	0.0213	0.0060	0.0076	0.0069	0.0082	0.0041	0.0026	0.0017	0.0012
12/31/2009	0.0393	0.0457	0.0645	0.0233	0.0113	0.0098	0.0164	0.0005	0.0073	0.0024	0.0064	0.0035	
12/31/2010	0.0570	0.0119	0.0310	0.0215	0.0192	0.0127	0.0128	0.0046	0.0049	0.0023	0.0022		
12/31/2011	0.0376	0.0471	0.0349	0.0082	0.0135	0.0106	0.0077	0.0069	0.0056	0.0014			
12/31/2012	0.0376	0.0456	0.0526	0.0520	0.0062	0.0090	0.0100	0.0064	0.0029				
12/31/2013	0.0463	0.0569	0.0446	0.0168	0.0123	0.0136	0.0077	0.0027					
12/31/2014	0.0507	0.0415	0.0512	0.0234	0.0205	0.0108	0.0068						
12/31/2015	0.0422	0.2729	0.0513	0.0370	0.0297	0.0126							
12/31/2016	0.0263	0.0419	0.0346	0.0323	0.0293								
12/31/2017	0.0354	0.0396	0.0336	0.0360									
12/31/2018	0.0415	0.0474	0.0368										
12/31/2019	0.0556	0.0508											
12/31/2020	0.0399												

Best 3/5	0.0389	0.0467	0.0409	0.0306	0.0207	0.0113	0.0085	0.0046	0.0059	0.0020	0.0044	0.0040	0.0017
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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>
12/31/2002	12,509,116	15,738,627	16,897,216	17,956,688	17,986,298	18,341,689	18,402,280	18,316,363	18,493,573	18,161,554	18,017,952
12/31/2003	11,125,664	12,599,768	15,726,452	17,603,536	18,701,978	17,314,329	16,700,325	16,817,923	16,598,700	16,749,205	16,926,161
12/31/2004	15,383,656	22,453,070	24,543,833	25,954,236	25,321,275	25,064,867	24,685,049	25,091,217	25,113,928	25,032,393	24,935,418
12/31/2005	17,691,029	22,831,028	26,010,853	25,888,630	24,761,788	24,935,540	25,443,402	25,538,378	25,427,260	25,199,992	25,215,702
12/31/2006	17,651,555	21,749,010	23,123,144	24,092,895	23,422,284	23,137,475	23,184,556	23,439,192	23,413,234	23,500,872	23,359,676
12/31/2007	16,914,827	21,386,102	21,863,875	22,044,755	21,629,819	21,634,529	21,678,046	21,378,810	21,385,771	21,400,944	21,430,803
12/31/2008	15,197,012	16,958,846	18,890,954	19,718,804	19,346,664	19,358,236	18,929,317	18,738,287	18,743,339	18,681,423	18,654,083
12/31/2009	13,960,311	16,332,566	17,463,809	17,455,410	17,699,577	17,095,652	17,133,930	16,979,456	17,054,449	17,048,388	17,300,443
12/31/2010	13,181,309	15,069,352	15,697,266	16,033,907	15,148,425	15,454,440	15,487,066	15,364,221	15,469,603	15,475,550	15,528,936
12/31/2011	8,946,624	10,562,291	10,896,447	10,628,884	11,349,022	11,260,072	11,368,395	11,388,932	11,318,792	11,313,574	11,344,217
12/31/2012	5,462,156	7,569,677	7,845,237	8,377,246	8,324,192	8,530,426	8,476,934	8,817,370	8,812,558	8,842,631	
12/31/2013	5,772,872	7,482,910	8,214,168	8,996,905	9,245,072	9,231,813	9,255,724	9,230,556	9,202,741		
12/31/2014	6,551,572	8,493,157	9,619,471	9,985,599	9,840,593	9,942,276	9,794,338	9,644,894			
12/31/2015	7,143,119	8,910,603	10,555,349	11,135,068	11,341,921	11,301,176	11,016,202				
12/31/2016	5,654,841	7,850,761	8,086,569	9,023,539	9,122,529	9,455,947					
12/31/2017	6,766,799	9,445,549	10,645,332	11,554,041	12,198,191						
12/31/2018	6,864,352	8,434,004	9,738,907	9,463,396							
12/31/2019	5,130,726	5,949,328	6,745,269								
12/31/2020	5,406,888	7,149,358									
12/31/2021	5,807,964										

<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	18,122,602	18,041,423	18,077,139	18,029,744	18,029,744	18,029,744	18,237,576	18,237,576	18,237,576
12/31/2003	16,661,886	16,753,854	16,770,086	16,769,354	16,879,354	17,153,216	17,157,874	17,181,662	
12/31/2004	25,039,218	24,934,218	24,934,218	24,934,218	24,933,893	24,933,518	24,931,838		
12/31/2005	25,017,465	24,971,055	24,973,546	25,073,371	25,068,871	25,068,871			
12/31/2006	23,240,423	23,241,131	23,511,984	23,531,984	23,531,768				
12/31/2007	21,550,103	21,599,103	21,649,794	21,599,769					
12/31/2008	18,748,254	18,800,678	18,800,678						
12/31/2009	17,372,939	17,400,332							
12/31/2010	15,410,603								

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											
<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	1.258	1.074	1.063	1.002	1.020	1.003	0.995	1.010	0.982	0.992	1.006
12/31/2003	1.132	1.248	1.119	1.062	0.926	0.965	1.007	0.987	1.009	1.011	0.984
12/31/2004	1.460	1.093	1.057	0.976	0.990	0.985	1.016	1.001	0.997	0.996	1.004
12/31/2005	1.291	1.139	0.995	0.956	1.007	1.020	1.004	0.996	0.991	1.001	0.992
12/31/2006	1.232	1.063	1.042	0.972	0.988	1.002	1.011	0.999	1.004	0.994	0.995
12/31/2007	1.264	1.022	1.008	0.981	1.000	1.002	0.986	1.000	1.001	1.001	1.006
12/31/2008	1.116	1.114	1.044	0.981	1.001	0.978	0.990	1.000	0.997	0.999	1.005
12/31/2009	1.170	1.069	1.000	1.014	0.966	1.002	0.991	1.004	1.000	1.015	1.004
12/31/2010	1.143	1.042	1.021	0.945	1.020	1.002	0.992	1.007	1.000	1.003	0.992
12/31/2011	1.181	1.032	0.975	1.068	0.992	1.010	1.002	0.994	1.000	1.003	
12/31/2012	1.386	1.036	1.068	0.994	1.025	0.994	1.040	0.999	1.003		
12/31/2013	1.296	1.098	1.095	1.028	0.999	1.003	0.997	0.997			
12/31/2014	1.296	1.133	1.038	0.985	1.010	0.985	0.985				
12/31/2015	1.247	1.185	1.055	1.019	0.996	0.975					
12/31/2016	1.388	1.030	1.116	1.011	1.037						
12/31/2017	1.396	1.127	1.085	1.056							
12/31/2018	1.229	1.155	0.972								
12/31/2019	1.160	1.134									
12/31/2020	1.322										
3 Yr Mean	1.237	1.139	1.058	1.029	1.014	0.988	1.007	0.997	1.001	1.007	1.000
Best 3/5	1.313	1.139	1.059	1.019	1.011	0.994	0.997	1.000	1.000	1.002	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>			
12/31/2002	0.996	1.002	0.997	1.000	1.000	1.012	1.000	1.000			
12/31/2003	1.006	1.001	1.000	1.007	1.016	1.000	1.001	1.000			
12/31/2004	0.996	1.000	1.000	1.000	1.000	1.000	1.000	1.000			
12/31/2005	0.998	1.000	1.004	1.000	1.000	1.000	1.000	1.000			
12/31/2006	1.000	1.012	1.001	1.000	1.000	1.000	1.000	1.000			
12/31/2007	1.002	1.002	0.998								
12/31/2008	1.003	1.000									
12/31/2009	1.002										
3 Yr Mean	1.002	1.005	1.001	1.000	1.005	1.004	1.001	1.000			
Best 3/5	1.001	1.001	1.000	1.000	1.000	1.000	1.000	1.000			
	<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					1.011	0.994	0.997	1.000	1.000	1.002	1.001
12/31/2018				1.019	1.011	0.994	0.997	1.000	1.000	1.002	1.001
12/31/2019			1.059	1.019	1.011	0.994	0.997	1.000	1.000	1.002	1.001
12/31/2020		1.139	1.059	1.019	1.011	0.994	0.997	1.000	1.000	1.002	1.001
12/31/2021	1.313	1.139	1.059	1.019	1.011	0.994	0.997	1.000	1.000	1.002	1.001
	<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	1.001	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000		1.007
12/31/2018	1.001	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000		1.026
12/31/2019	1.001	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000		1.087
12/31/2020	1.001	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000		1.238
12/31/2021	1.001	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000		1.625

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

<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	3,290,847	5,435,789	7,321,070	9,772,659	10,470,542	11,158,611	12,050,336	12,531,171	12,601,241	12,569,432	12,634,980
12/31/2003	3,177,192	3,839,151	6,621,379	9,092,640	11,472,624	14,150,885	14,145,456	14,653,892	15,537,757	15,934,229	16,149,839
12/31/2004	3,407,552	7,077,005	13,025,652	18,953,292	26,672,011	29,008,750	25,749,818	26,696,270	26,920,201	28,213,451	28,256,112
12/31/2005	3,782,072	7,312,055	11,958,827	15,153,230	18,946,327	20,202,177	20,124,723	20,642,072	22,307,251	22,667,059	22,786,994
12/31/2006	2,927,716	7,012,140	11,499,154	14,138,847	16,181,321	17,878,510	18,954,391	19,743,060	19,619,210	19,617,965	19,674,857
12/31/2007	4,371,660	7,287,845	12,231,337	14,466,014	15,414,305	16,471,260	16,719,409	16,791,581	16,950,135	16,927,895	16,578,855
12/31/2008	3,914,352	7,363,439	9,278,350	13,540,170	16,352,419	17,378,494	18,576,579	18,831,845	19,438,308	19,451,339	19,470,807
12/31/2009	6,987,523	7,023,805	12,231,573	14,904,040	16,733,861	17,489,614	17,932,896	18,649,815	19,521,320	19,903,580	20,139,572
12/31/2010	3,793,169	6,617,284	10,031,581	12,791,538	13,764,121	14,603,951	15,334,733	14,991,655	15,014,194	15,056,123	15,063,150
12/31/2011	1,412,737	4,050,806	11,016,827	13,591,813	16,036,894	17,342,433	18,858,930	19,343,887	19,510,111	19,426,795	19,427,320
12/31/2012	1,031,638	3,024,341	8,621,130	10,764,418	10,628,819	11,834,030	11,869,464	11,987,227	11,577,884	12,596,932	
12/31/2013	2,469,708	6,559,714	8,530,035	10,555,608	14,586,716	15,086,114	15,847,737	18,251,791	18,931,117		
12/31/2014	1,348,182	3,439,769	7,397,433	11,909,461	13,516,282	13,972,161	14,310,032	14,319,919			
12/31/2015	997,761	4,332,277	7,531,762	8,984,036	9,821,310	10,563,674	10,801,990				
12/31/2016	2,897,199	5,582,294	8,258,267	10,032,310	10,806,172	11,641,805					
12/31/2017	1,933,183	5,830,819	8,535,804	10,869,820	14,195,845						
12/31/2018	1,179,518	2,763,967	3,968,188	5,354,889							
12/31/2019	668,648	1,689,489	3,598,155								
12/31/2020	744,911	2,880,278									
12/31/2021	1,037,576										
	<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	12,723,571	12,847,684	12,918,321	12,932,118	12,930,412	12,930,412	12,930,412	12,930,412	12,930,412		
12/31/2003	16,467,694	16,475,077	16,493,073	16,503,521	16,710,697	16,715,080	16,715,080	16,715,080			
12/31/2004	28,074,088	28,680,492	28,681,195	28,681,195	28,682,548	28,682,548	28,674,716				
12/31/2005	22,801,910	22,773,254	22,794,058	22,842,748	22,833,715	22,520,019					
12/31/2006	19,678,467	19,681,981	19,963,804	20,004,272	20,004,488						
12/31/2007	16,618,380	16,712,917	16,824,640	16,760,908							
12/31/2008	19,544,926	19,561,422	19,561,422								
12/31/2009	20,159,467	20,245,890									
12/31/2010	15,062,373										

Premises / Operations (Subline Code 334)
Manufacturers and Contractors
Full Coverage
Multistate
Fringe Coverage - 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	2,144,942	1,885,281	2,451,589	697,883	688,069	891,725	480,835	70,070	-31,809	65,548	88,591	124,113	70,637
12/31/2003	661,959	2,782,228	2,471,261	2,379,984	2,678,261	-5,429	508,436	883,865	396,472	215,610	317,855	7,383	17,996
12/31/2004	3,669,453	5,948,647	5,927,640	7,718,719	2,336,739	-3,258,932	946,452	223,931	1,293,250	42,661	-182,024	606,404	703
12/31/2005	3,529,983	4,646,772	3,194,403	3,793,097	1,255,850	-77,454	517,349	1,665,179	359,808	119,935	14,916	-28,656	20,804
12/31/2006	4,084,424	4,487,014	2,639,693	2,042,474	1,697,189	1,075,881	788,669	-123,850	-1,245	56,892	3,610	3,514	281,823
12/31/2007	2,916,185	4,943,492	2,234,677	948,291	1,056,955	248,149	72,172	158,554	-22,240	-349,040	39,525	94,537	111,723
12/31/2008	3,449,087	1,914,911	4,261,820	2,812,249	1,026,075	1,198,085	255,266	606,463	13,031	19,468	74,119	16,496	0
12/31/2009	36,282	5,207,768	2,672,467	1,829,821	755,753	443,282	716,919	871,505	382,260	235,992	19,895	86,423	
12/31/2010	2,824,115	3,414,297	2,759,957	972,583	839,830	730,782	-343,078	22,539	41,929	7,027	-777		
12/31/2011	2,638,069	6,966,021	2,574,986	2,445,081	1,305,539	1,516,497	484,957	166,224	-83,316	525			
12/31/2012	1,992,703	5,596,789	2,143,288	-135,599	1,205,211	35,434	117,763	-409,343	1,019,048				
12/31/2013	4,090,006	1,970,321	2,025,573	4,031,108	499,398	761,623	2,404,054	679,326					
12/31/2014	2,091,587	3,957,664	4,512,028	1,606,821	455,879	337,871	9,887						
12/31/2015	3,334,516	3,199,485	1,452,274	837,274	742,364	238,316							
12/31/2016	2,685,095	2,675,973	1,774,043	773,862	835,633								
12/31/2017	3,897,636	2,704,985	2,334,016	3,326,025									
12/31/2018	1,584,449	1,204,221	1,386,701										
12/31/2019	1,020,841	1,908,666											
12/31/2020	2,135,367												

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	0.0675	0.0878	0.0250	0.0246	0.0319	0.0172	0.0025	-0.0011	0.0023	0.0032	0.0044	0.0025
12/31/2003	0.0246	0.1033	0.0917	0.0883	0.0994	-0.0002	0.0189	0.0328	0.0147	0.0080	0.0118	0.0003	0.0007
12/31/2004	0.0952	0.1544	0.1539	0.2003	0.0607	-0.0846	0.0246	0.0058	0.0336	0.0011	-0.0047	0.0157	0.0000
12/31/2005	0.0868	0.1142	0.0785	0.0932	0.0309	-0.0019	0.0127	0.0409	0.0088	0.0029	0.0004	-0.0007	0.0005
12/31/2006	0.1007	0.1106	0.0651	0.0503	0.0418	0.0265	0.0194	-0.0031	0.0000	0.0014	0.0001	0.0001	0.0069
12/31/2007	0.0907	0.1538	0.0695	0.0295	0.0329	0.0077	0.0022	0.0049	-0.0007	-0.0109	0.0012	0.0029	0.0035
12/31/2008	0.1095	0.0608	0.1353	0.0893	0.0326	0.0380	0.0081	0.0193	0.0004	0.0006	0.0024	0.0005	0.0000
12/31/2009	0.0014	0.2015	0.1034	0.0708	0.0292	0.0171	0.0277	0.0337	0.0148	0.0091	0.0008	0.0033	
12/31/2010	0.1174	0.1419	0.1147	0.0404	0.0349	0.0304	-0.0143	0.0009	0.0017	0.0003	0.0000		
12/31/2011	0.1399	0.3693	0.1365	0.1296	0.0692	0.0804	0.0257	0.0088	-0.0044	0.0000			
12/31/2012	0.1380	0.3877	0.1485	-0.0094	0.0835	0.0025	0.0082	-0.0284	0.0706				
12/31/2013	0.2900	0.1397	0.1436	0.2858	0.0354	0.0540	0.1705	0.0482					
12/31/2014	0.1204	0.2279	0.2598	0.0925	0.0263	0.0195	0.0006						
12/31/2015	0.1650	0.1583	0.0718	0.0414	0.0367	0.0118							
12/31/2016	0.1516	0.1511	0.1002	0.0437	0.0472								
12/31/2017	0.1903	0.1320	0.1139	0.1624									
12/31/2018	0.1056	0.0803	0.0925										
12/31/2019	0.0872	0.1630											
12/31/2020	0.1357												

Best 3/5	0.1310	0.1471	0.1022	0.0995	0.0398	0.0284	0.0115	0.0145	0.0056	0.0003	0.0007	0.0012	0.0013
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ARIZONA

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 Period	Multistate Ratio (A)	State Ratio (B)	Credibility (C)	Weighted Ratio (D)	Credibility Constant (Ki)
15 to 27 Months	1.426	1.370	0.8668	1.377	1,800,000
27 to 39 Months	1.197	1.198	0.8900	1.198	2,200,000
39 to 51 Months	1.059	1.038	0.8733	1.041	2,700,000
51 to 63 Months	1.009	0.994	0.8463	0.996	3,300,000
63 to 75 Months	0.998	0.990	0.7820	0.992	4,000,000
75 to 87 Months	0.996	1.000	0.7418	0.999	4,800,000
87 to 99 Months	0.999	1.010	0.6890	1.007	5,900,000
99 to 111 Months	0.998	1.000	0.6674	0.999	7,100,000
111 to 123 Months	0.999	1.000	0.5971	1.000	8,700,000
123 to 135 Months	1.000	1.000	0.5320	1.000	10,600,000
135 to 147 Months	1.000	1.000	0.4297	1.000	12,900,000
147 to 159 Months	1.001	1.000	0.3911	1.001	15,700,000
159 to 171 Months	1.000	1.000	0.3296	1.000	19,100,000
171 to 183 Months	1.000	1.000	0.2966	1.000	23,300,000
183 to 195 Months	1.001	1.000	0.2342	1.001	28,400,000
195 to 207 Months	1.001	1.000	0.1886	1.001	34,600,000
207 to 219 Months	1.001	1.000	0.1417	1.001	42,300,000
219 to 231 Months	1.001	1.000	0.0772	1.001	51,700,000
231 to 243 Months	1.001	1.000	0.0287	1.001	63,100,000
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			1.041	0.996	0.992	0.999	1.007	0.999	1.000	1.000	1.000
12/31/2020		1.198	1.041	0.996	0.992	0.999	1.007	0.999	1.000	1.000	1.000
12/31/2021	1.377	1.198	1.041	0.996	0.992	0.999	1.007	0.999	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
12/31/2019	1.001	1.000	1.000	1.001	1.001	1.001	1.001	1.001	1.004		1.042
12/31/2020	1.001	1.000	1.000	1.001	1.001	1.001	1.001	1.001	1.004		1.248
12/31/2021	1.001	1.000	1.000	1.001	1.001	1.001	1.001	1.001	1.004		1.720

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

ARIZONA

Premises/Operations

Owners, Landlords and Tenants

Bodily Injury

Full and Deductible Coverage

ALAE

Calculation of Cumulative Incremental Factors

	(1)	(2)	(3)	(4)	(5)	
	Evaluation Period	Multistate Ratio (A)	State Ratio (B)	Credibility (C)	Weighted Ratio (D)	Credibility Constant (Ki)
15 to 27 Months		0.0549	0.0792	0.8668	0.0760	1,800,000
27 to 39 Months		0.0712	0.1013	0.8900	0.0980	2,200,000
39 to 51 Months		0.0504	0.0647	0.8733	0.0629	2,700,000
51 to 63 Months		0.0279	0.0410	0.8463	0.0390	3,300,000
63 to 75 Months		0.0106	0.0059	0.7820	0.0069	4,000,000
75 to 87 Months		0.0073	0.0076	0.7418	0.0075	4,800,000
87 to 99 Months		0.0040	0.0047	0.6890	0.0045	5,900,000
99 to 111 Months		0.0019	0.0017	0.6674	0.0018	7,100,000
111 to 123 Months		0.0014	0.0012	0.5971	0.0013	8,700,000
123 to 135 Months		0.0018	0.0002	0.5320	0.0009	10,600,000
135 to 147 Months		0.0006	0.0000	0.4297	0.0003	12,900,000
147 to 159 Months		0.0008	0.0000	0.3911	0.0005	15,700,000
159 to 171 Months		0.0006	0.0000	0.3296	0.0004	19,100,000
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>
	0.300	0.224	0.126	0.063	0.024	0.017	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>
	0.005	0.003	0.002	0.001	0.001	0.000	0.000

Full coverage

	Reported ALAE as of 6/30/2022	\$500,000 Ultimate Indemnity	ALAE Factor	Additional ALAE	Ultimate ALAE
A.Y.E					
3/31/2020	3,274,838	15,416,697	0.126	1,942,504	5,217,342
3/31/2021	1,448,414	10,033,458	0.224	2,247,495	3,695,909
3/31/2022	533,999	11,112,727	0.300	3,333,818	3,867,817

Deductible Coverage

	Reported ALAE as of 6/30/2022	\$500,000 Ultimate Indemnity	ALAE Factor	Additional ALAE	Ultimate ALAE
A.Y.E					
3/31/2020	241,330	1,221,571	0.126	153,918	395,248
3/31/2021	96,424	1,749,792	0.224	391,953	488,377
3/31/2022	36,644	1,634,681	0.300	490,404	527,048

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

ARIZONA

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 Period	Multistate Ratio (A)	State Ratio (B)	Credibility (C)	Weighted Ratio (D)	Credibility Constant (Ki)
15 to 27 Months	1.168	1.115	0.6361	1.134	1,200,000
27 to 39 Months	1.076	1.001	0.6330	1.029	1,300,000
39 to 51 Months	1.037	0.986	0.5749	1.008	1,500,000
51 to 63 Months	1.011	1.002	0.5583	1.006	1,700,000
63 to 75 Months	1.009	1.007	0.5827	1.008	1,900,000
75 to 87 Months	1.007	1.000	0.5645	1.003	2,200,000
87 to 99 Months	1.007	1.000	0.5265	1.003	2,400,000
99 to 111 Months	1.006	1.000	0.4179	1.003	2,800,000
111 to 123 Months	1.003	1.000	0.4289	1.002	3,100,000
123 to 135 Months	1.002	1.000	0.3639	1.001	3,500,000
135 to 147 Months	1.004	1.000	0.3132	1.003	4,000,000
147 to 159 Months	1.002	1.000	0.2312	1.002	4,500,000
159 to 171 Months	1.000	1.000	0.1524	1.000	5,100,000
171 to 183 Months	1.001	1.000	0.1621	1.001	5,700,000
183 to 195 Months	1.003	1.000	0.1161	1.003	6,500,000
195 to 207 Months	1.002	1.000	0.1094	1.002	7,300,000
207 to 219 Months	1.000	1.000	0.0722	1.000	8,300,000
219 to 231 Months	1.000	1.000	0.0302	1.000	9,400,000
231 to 243 Months	1.000	1.000	0.0135	1.000	10,700,000
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
12/31/2019			1.008	1.006	1.008	1.003	1.003	1.003	1.002	1.001	1.003
12/31/2020		1.029	1.008	1.006	1.008	1.003	1.003	1.003	1.002	1.001	1.003
12/31/2021	1.134	1.029	1.008	1.006	1.008	1.003	1.003	1.003	1.002	1.001	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>	<u>ULT:243</u>		<u>Factor</u>
12/31/2019	1.002	1.000	1.001	1.003	1.002	1.000	1.000	1.000	1.001		1.046
12/31/2020	1.002	1.000	1.001	1.003	1.002	1.000	1.000	1.000	1.001		1.076
12/31/2021	1.002	1.000	1.001	1.003	1.002	1.000	1.000	1.000	1.001		1.220

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

ARIZONA

Premises/Operations

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

Calculation of Cumulative Incremental Factors

(1)	(2)	(3)	(4)	(5)	
Evaluation Period	Multistate Ratio (A)	State Ratio (B)	Credibility (C)	Weighted Ratio (D)	Credibility Constant (Ki)
15 to 27 Months	0.0799	0.1558	0.6361	0.1282	1,200,000
27 to 39 Months	0.0800	0.0493	0.6330	0.0606	1,300,000
39 to 51 Months	0.0657	0.0764	0.5749	0.0719	1,500,000
51 to 63 Months	0.0402	0.0202	0.5583	0.0290	1,700,000
63 to 75 Months	0.0251	0.0172	0.5827	0.0205	1,900,000
75 to 87 Months	0.0140	0.0018	0.5645	0.0071	2,200,000
87 to 99 Months	0.0169	0.0037	0.5265	0.0100	2,400,000
99 to 111 Months	0.0132	0.0102	0.4179	0.0119	2,800,000
111 to 123 Months	0.0107	0.0000	0.4289	0.0061	3,100,000
123 to 135 Months	0.0078	0.0018	0.3639	0.0056	3,500,000
135 to 147 Months	0.0090	0.0000	0.3132	0.0062	4,000,000
147 to 159 Months	-0.0012	0.0000	0.2312	-0.0009	4,500,000
159 to 171 Months	0.0028	0.0000	0.1524	0.0024	5,100,000
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>
	0.359	0.230	0.170	0.098	0.069	0.048	0.041
<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>
	0.031	0.019	0.013	0.008	0.002	0.002	0.000

Full coverage

A.Y.E	Reported ALAE as of 6/30/2022	\$500,000 Ultimate Indemnity	ALAE Factor	Additional ALAE	Ultimate ALAE
3/31/2020	650,922	1,192,182	0.170	202,433	853,355
3/31/2021	198,182	1,239,160	0.230	285,502	483,684
3/31/2022	572,502	2,537,844	0.359	910,071	1,482,573

Deductible Coverage

A.Y.E	Reported ALAE as of 6/30/2022	\$500,000 Ultimate Indemnity	ALAE Factor	Additional ALAE	Ultimate ALAE
3/31/2020	25,264	312,278	0.170	53,025	78,289
3/31/2021	100,037	133,251	0.230	30,701	130,738
3/31/2022	1,603	57,806	0.359	20,729	22,332

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

ARIZONA

Premises/Operations

Owners, Landlords and Tenants

Fringe

Full Coverage

ALAE

Calculation of Cumulative Incremental Factors

(1)	(2)
Evaluation Period	Multistate Ratio (A)
15 to 27 Months	0.1430
27 to 39 Months	0.1492
39 to 51 Months	0.1417
51 to 63 Months	0.1068
63 to 75 Months	0.0336
75 to 87 Months	0.0700
87 to 99 Months	0.0471
99 to 111 Months	0.0245
111 to 123 Months	0.0110
123 to 135 Months	0.0123
135 to 147 Months	0.0017
147 to 159 Months	0.0146
159 to 171 Months	0.0077
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>
	0.763	0.620	0.471	0.329	0.223	0.189	0.119
<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	0.047	0.036	0.024	0.022	0.008	0.000

Full coverage

<u>A.Y.E</u>	<u>Reported ALAE as of 6/30/2022</u>	<u>\$500,000 Ultimate Indemnity</u>	<u>ALAE Factor</u>	<u>Additional ALAE</u>	<u>Ultimate ALAE</u>
3/31/2020	20,040	38,960	0.471	18,350	38,390
3/31/2021	902,868	1,048,531	0.620	650,299	1,553,167
3/31/2022	15,300	76,527	0.763	58,405	73,705

(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
 ARIZONA
 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	1,374,838	1,657,168	1,803,048	1,957,844	1,844,573	1,865,473	1,865,473	1,865,473	1,865,473	1,865,473	1,865,473
12/31/2003	1,311,745	2,303,668	2,617,907	2,721,792	2,705,039	2,620,373	2,587,873	2,487,067	2,469,103	2,559,103	2,559,103
12/31/2004	2,295,144	2,644,343	2,872,105	2,890,114	2,646,876	2,672,237	2,651,075	2,646,075	2,646,075	2,635,450	2,635,450
12/31/2005	2,245,040	2,459,057	2,794,227	2,949,345	2,910,845	2,919,904	2,891,904	2,846,904	2,844,404	2,944,404	2,922,404
12/31/2006	2,086,575	2,836,438	3,266,463	3,158,352	3,102,096	3,030,187	3,037,437	3,042,517	3,042,517	3,042,517	3,042,517
12/31/2007	2,172,237	3,491,874	4,105,446	3,896,439	3,907,493	3,812,225	3,800,134	3,800,134	3,800,134	3,800,134	3,800,134
12/31/2008	2,065,592	2,817,513	2,720,327	2,613,506	2,529,304	2,508,304	2,523,304	2,548,304	2,548,554	2,548,554	2,548,554
12/31/2009	3,759,390	4,194,877	4,108,609	4,010,365	3,811,369	3,709,228	3,734,228	3,734,228	3,734,228	3,734,228	3,734,228
12/31/2010	3,469,969	4,228,572	4,298,458	3,774,448	3,582,703	3,528,938	3,467,438	3,446,312	3,416,312	3,436,312	3,436,312
12/31/2011	3,691,088	4,774,713	5,272,085	5,108,695	4,844,395	4,802,083	4,801,181	4,841,181	4,877,077	4,877,077	4,895,077
12/31/2012	3,659,898	4,271,432	4,966,894	4,859,617	4,682,925	4,398,847	4,600,698	4,600,574	4,600,574	4,600,574	
12/31/2013	3,648,997	4,466,965	4,464,839	4,495,693	4,619,583	4,739,917	4,704,917	4,804,917	4,804,917		
12/31/2014	2,777,758	2,976,627	3,814,162	3,792,629	3,725,828	3,759,076	3,768,432	3,868,438			
12/31/2015	2,812,210	3,552,028	4,946,066	5,364,462	5,386,415	5,287,948	5,284,948				
12/31/2016	2,842,477	4,215,980	5,232,433	5,304,766	5,239,709	5,132,105					
12/31/2017	3,593,365	5,910,779	6,900,277	7,500,268	7,422,057						
12/31/2018	4,169,278	5,455,760	6,474,155	6,576,631							
12/31/2019	4,871,845	6,427,860	7,198,087								
12/31/2020	2,673,389	3,437,013									
12/31/2021	2,912,242										

<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	1,865,473	1,865,473	1,865,473	1,865,473	1,865,473	1,865,473	1,865,473	1,865,474	1,965,473
12/31/2003	2,469,103	2,469,103	2,459,103	2,459,103	2,459,103	2,459,103	2,459,103	2,459,103	
12/31/2004	2,735,450	2,661,290	2,661,290	2,661,290	2,661,290	2,661,290	2,661,290		
12/31/2005	2,922,404	2,922,404	2,922,404	2,921,471	2,919,605	2,919,605			
12/31/2006	3,042,517	3,042,517	3,100,767	3,100,767	3,015,767				
12/31/2007	3,800,134	3,800,134	3,800,134	3,800,134					
12/31/2008	2,548,554	2,548,554	2,548,554						
12/31/2009	3,734,228	3,734,228							
12/31/2010	3,436,312								

Premises / Operations (Subline Code 334)
 Owners, Landlords and Tenants
 Full Coverage
 ARIZONA
 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	1.205	1.088	1.086	0.942	1.011	1.000	1.000	1.000	1.000	1.000	1.000
12/31/2003	1.756	1.136	1.040	0.994	0.969	0.988	0.961	0.993	1.036	1.000	0.965
12/31/2004	1.152	1.086	1.006	0.916	1.010	0.992	0.998	1.000	0.996	1.000	1.038
12/31/2005	1.095	1.136	1.056	0.987	1.003	0.990	0.984	0.999	1.035	0.993	1.000
12/31/2006	1.359	1.152	0.967	0.982	0.977	1.002	1.002	1.000	1.000	1.000	1.000
12/31/2007	1.608	1.176	0.949	1.003	0.976	0.997	1.000	1.000	1.000	1.000	1.000
12/31/2008	1.364	0.966	0.961	0.968	0.992	1.006	1.010	1.000	1.000	1.000	1.000
12/31/2009	1.116	0.979	0.976	0.950	0.973	1.007	1.000	1.000	1.000	1.000	1.000
12/31/2010	1.219	1.017	0.878	0.949	0.985	0.983	0.994	0.991	1.006	1.000	1.000
12/31/2011	1.294	1.104	0.969	0.948	0.991	1.000	1.008	1.007	1.000	1.004	
12/31/2012	1.167	1.163	0.978	0.964	0.939	1.046	1.000	1.000	1.000		
12/31/2013	1.224	1.000	1.007	1.028	1.026	0.993	1.021	1.000			
12/31/2014	1.072	1.281	0.994	0.982	1.009	1.002	1.027				
12/31/2015	1.263	1.392	1.085	1.004	0.982	0.999					
12/31/2016	1.483	1.241	1.014	0.988	0.979						
12/31/2017	1.645	1.167	1.087	0.990							
12/31/2018	1.309	1.187	1.016								
12/31/2019	1.319	1.120									
12/31/2020	1.286										
3 Yr Mean	1.305	1.158	1.039	0.994	0.990	0.998	1.016	1.002	1.002	1.001	1.000
Best 3/5	1.370	1.198	1.038	0.994	0.990	1.000	1.010	1.000	1.000	1.000	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	1.000	1.000	1.000	1.000	1.000	1.054			
12/31/2003	1.000	0.996	1.000	1.000	1.000	1.000	1.000	1.000			
12/31/2004	0.973	1.000	1.000	1.000	1.000	1.000	1.000	1.000			
12/31/2005	1.000	1.000	1.000	0.999	1.000	1.000	1.000	1.000			
12/31/2006	1.000	1.019	1.000	0.973	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	1.006	1.000	0.991	1.000	1.000	1.000	1.054			
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>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					0.990	1.000	1.010	1.000	1.000	1.000	1.000
12/31/2018				0.994	0.990	1.000	1.010	1.000	1.000	1.000	1.000
12/31/2019			1.038	0.994	0.990	1.000	1.010	1.000	1.000	1.000	1.000
12/31/2020		1.198	1.038	0.994	0.990	1.000	1.010	1.000	1.000	1.000	1.000
12/31/2021	1.370	1.198	1.038	0.994	0.990	1.000	1.010	1.000	1.000	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	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
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	1.032	
12/31/2020	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.236	
12/31/2021	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.693	

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
 ARIZONA
 Bodily Injury - 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>
12/31/2002	119,194	354,279	728,065	852,449	960,041	926,923	928,693	966,872	1,050,748	1,486,498	1,587,769
12/31/2003	332,584	1,394,477	3,179,120	4,921,413	6,119,335	6,649,899	6,673,678	6,669,611	6,622,715	6,568,318	6,423,009
12/31/2004	501,186	1,070,550	2,124,566	2,546,062	2,458,571	2,501,776	2,363,564	2,364,612	2,364,612	2,299,777	2,299,777
12/31/2005	302,791	665,109	835,378	897,364	984,421	1,035,972	1,035,972	991,943	1,052,277	1,089,651	1,116,207
12/31/2006	196,555	550,148	1,395,103	1,378,110	1,622,571	1,681,496	1,726,510	1,724,780	1,724,780	1,724,780	1,724,780
12/31/2007	317,582	1,124,115	3,051,157	3,734,004	4,106,463	4,174,969	4,176,554	4,176,554	4,176,554	4,179,905	4,179,905
12/31/2008	245,435	616,550	930,479	1,456,166	1,595,103	1,593,220	1,583,598	1,583,598	1,596,175	1,596,175	1,598,299
12/31/2009	593,449	933,310	1,464,180	1,924,367	1,949,113	2,040,686	2,102,739	2,102,662	2,098,496	2,094,430	2,094,654
12/31/2010	359,318	865,863	1,457,254	2,049,513	2,302,214	2,294,287	2,268,616	2,265,116	2,263,816	2,263,817	2,263,817
12/31/2011	537,832	940,358	1,908,098	2,337,143	2,650,877	2,695,303	2,771,233	2,826,907	3,000,266	3,143,363	3,156,195
12/31/2012	443,501	810,571	1,726,679	2,230,559	2,747,186	2,753,735	2,841,694	2,810,695	2,860,696	2,889,834	
12/31/2013	594,258	1,260,770	2,050,466	2,494,609	2,820,922	2,824,522	2,839,032	3,038,532	3,025,171		
12/31/2014	453,428	1,041,309	1,580,187	1,847,962	1,969,602	2,102,183	2,170,929	2,217,398			
12/31/2015	496,932	1,115,269	2,325,597	3,078,075	3,043,554	3,112,299	3,124,844				
12/31/2016	425,866	1,006,478	1,606,652	2,230,720	2,713,886	2,778,839					
12/31/2017	688,377	1,714,539	2,975,990	3,673,248	4,735,789						
12/31/2018	721,057	1,428,262	2,485,703	3,137,081							
12/31/2019	510,958	1,751,961	3,071,766								
12/31/2020	601,144	1,202,489									
12/31/2021	435,001										

<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	1,589,205	1,589,205	1,589,205	1,589,931	1,589,931	1,589,931	1,589,931	1,604,931	1,692,065
12/31/2003	6,416,003	6,416,003	6,416,003	6,416,003	6,416,003	6,416,003	6,416,003	6,416,003	
12/31/2004	2,344,642	2,311,683	2,311,683	2,311,683	2,311,683	2,311,683	2,311,683		
12/31/2005	1,116,207	1,116,207	1,116,207	1,116,207	1,116,207	1,116,207			
12/31/2006	1,724,780	1,724,780	1,737,106	1,737,106	1,290,218				
12/31/2007	4,179,905	4,179,905	4,179,905	4,179,905					
12/31/2008	1,598,299	1,598,299	1,598,299						
12/31/2009	2,094,474	2,093,589							
12/31/2010	2,263,817								

Premises / Operations (Subline Code 334)
 Owners, Landlords and Tenants
 Full Coverage
 ARIZONA
 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	235,085	373,786	124,384	107,592	-33,118	1,770	38,179	83,876	435,750	101,271	1,436	0	0
12/31/2003	1,061,893	1,784,643	1,742,293	1,197,922	530,564	23,779	-4,067	-46,896	-54,397	-145,309	-7,006	0	0
12/31/2004	569,364	1,054,016	421,496	-87,491	43,205	-138,212	1,048	0	-64,835	0	44,865	-32,959	0
12/31/2005	362,318	170,269	61,986	87,057	51,551	0	-44,029	60,334	37,374	26,556	0	0	0
12/31/2006	353,593	844,955	-16,993	244,461	58,925	45,014	-1,730	0	0	0	0	0	12,326
12/31/2007	806,533	1,927,042	682,847	372,459	68,506	1,585	0	0	3,351	0	0	0	0
12/31/2008	371,115	313,929	525,687	138,937	-1,883	-9,622	0	12,577	0	2,124	0	0	0
12/31/2009	339,861	530,870	460,187	24,746	91,573	62,053	-77	-4,166	-4,066	224	-180	-885	0
12/31/2010	506,545	591,391	592,259	252,701	-7,927	-25,671	-3,500	-1,300	1	0	0	0	0
12/31/2011	402,526	967,740	429,045	313,734	44,426	75,930	55,674	173,359	143,097	12,832	0	0	0
12/31/2012	367,070	916,108	503,880	516,627	6,549	87,959	-30,999	50,001	29,138	0	0	0	0
12/31/2013	666,512	789,696	444,143	326,313	3,600	14,510	199,500	-13,361	0	0	0	0	0
12/31/2014	587,881	538,878	267,775	121,640	132,581	68,746	46,469	0	0	0	0	0	0
12/31/2015	618,337	1,210,328	752,478	-34,521	68,745	12,545	0	0	0	0	0	0	0
12/31/2016	580,612	600,174	624,068	483,166	64,953	0	0	0	0	0	0	0	0
12/31/2017	1,026,162	1,261,451	697,258	1,062,541	0	0	0	0	0	0	0	0	0
12/31/2018	707,205	1,057,441	651,378	0	0	0	0	0	0	0	0	0	0
12/31/2019	1,241,003	1,319,805	0	0	0	0	0	0	0	0	0	0	0
12/31/2020	601,345	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
12/31/2002	0.0891	0.1417	0.0471	0.0408	-0.0126	0.0007	0.0145	0.0318	0.1652	0.0384	0.0005	0.0000	0.0000
12/31/2003	0.2330	0.3916	0.3823	0.2629	0.1164	0.0052	-0.0009	-0.0103	-0.0119	-0.0319	-0.0015	0.0000	0.0000
12/31/2004	0.1181	0.2186	0.0874	-0.0181	0.0090	-0.0287	0.0002	0.0000	-0.0134	0.0000	0.0093	-0.0068	0.0000
12/31/2005	0.0869	0.0408	0.0149	0.0209	0.0124	0.0000	-0.0106	0.0145	0.0090	0.0064	0.0000	0.0000	0.0000
12/31/2006	0.0798	0.1908	-0.0038	0.0552	0.0133	0.0102	-0.0004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0028
12/31/2007	0.1111	0.2654	0.0941	0.0513	0.0094	0.0002	0.0000	0.0000	0.0005	0.0000	0.0000	0.0000	0.0000
12/31/2008	0.0869	0.0735	0.1230	0.0325	-0.0004	-0.0023	0.0000	0.0029	0.0000	0.0005	0.0000	0.0000	0.0000
12/31/2009	0.0634	0.0990	0.0858	0.0046	0.0171	0.0116	0.0000	-0.0008	-0.0008	0.0000	0.0000	-0.0002	0.0000
12/31/2010	0.1012	0.1182	0.1184	0.0505	-0.0016	-0.0051	-0.0007	-0.0003	0.0000	0.0000	0.0000	0.0000	0.0000
12/31/2011	0.0560	0.1348	0.0597	0.0437	0.0062	0.0106	0.0078	0.0241	0.0199	0.0018			
12/31/2012	0.0450	0.1124	0.0618	0.0634	0.0008	0.0108	-0.0038	0.0061	0.0036				
12/31/2013	0.0890	0.1054	0.0593	0.0436	0.0005	0.0019	0.0266	-0.0018					
12/31/2014	0.0885	0.0811	0.0403	0.0183	0.0200	0.0104	0.0070						
12/31/2015	0.0771	0.1509	0.0938	-0.0043	0.0086	0.0016							
12/31/2016	0.0733	0.0758	0.0788	0.0610	0.0082								
12/31/2017	0.0871	0.1071	0.0592	0.0902									
12/31/2018	0.0609	0.0910	0.0560										
12/31/2019	0.0995	0.1058											
12/31/2020	0.0772												

Best 3/5	0.0792	0.1013	0.0647	0.0410	0.0059	0.0076	0.0047	0.0017	0.0012	0.0002	0.0000	0.0000	0.0000
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Premises / Operations (Subline Code 334)
 Owners, Landlords and Tenants
 Full Coverage
 ARIZONA
 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	145,200	208,395	150,895	196,895	196,895	146,895	146,895	146,895	146,895	146,895	146,895
12/31/2003	182,987	183,510	199,497	144,496	144,496	144,496	144,496	144,496	144,496	144,496	144,496
12/31/2004	141,235	332,353	357,411	353,252	354,862	353,252	353,252	353,252	353,252	353,252	353,252
12/31/2005	144,032	292,703	361,365	398,954	403,974	398,954	398,954	398,954	398,954	398,954	398,954
12/31/2006	136,857	106,230	101,670	101,670	101,670	101,670	101,670	101,670	101,670	101,670	101,670
12/31/2007	362,220	448,534	487,796	502,564	601,648	601,648	601,648	601,650	601,654	601,650	601,648
12/31/2008	274,948	360,674	305,158	236,324	223,447	226,524	253,274	213,524	248,804	213,774	213,774
12/31/2009	359,351	446,276	536,520	651,520	538,523	538,522	538,520	538,520	538,520	537,794	537,794
12/31/2010	1,042,768	1,129,133	1,020,045	1,055,747	1,055,747	1,071,852	1,071,252	1,071,252	1,071,252	1,072,758	1,072,769
12/31/2011	459,460	438,462	414,462	381,852	386,852	385,504	391,685	391,685	391,685	391,685	391,685
12/31/2012	629,175	766,225	832,375	879,324	863,622	868,403	865,393	865,167	865,167	865,167	
12/31/2013	790,187	807,420	890,742	772,836	774,637	775,666	752,959	752,959	777,459		
12/31/2014	1,177,470	981,344	1,081,047	1,046,049	1,050,347	1,065,247	1,050,247	1,050,247			
12/31/2015	908,941	942,447	943,599	969,202	1,010,452	1,010,452	1,060,452				
12/31/2016	423,008	485,720	512,011	667,010	592,010	653,260					
12/31/2017	689,671	540,437	540,251	512,497	512,497						
12/31/2018	629,624	974,052	976,456	938,955							
12/31/2019	756,459	728,051	704,010								
12/31/2020	711,703	879,481									
12/31/2021	1,436,789										

<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	146,895	146,895	146,895	146,895	146,895	146,895	146,895	146,895	146,895
12/31/2003	144,496	144,496	144,496	144,496	144,496	145,450	145,450	145,450	
12/31/2004	353,252	353,252	353,252	353,252	353,252	353,252	353,252		
12/31/2005	398,954	398,954	399,145	399,145	399,145	399,145			
12/31/2006	101,670	101,670	101,695	101,695	101,695				
12/31/2007	601,648	601,648	601,648	609,148					
12/31/2008	213,774	213,909	213,909						
12/31/2009	537,794	537,794							
12/31/2010	1,071,764								

Premises / Operations (Subline Code 334)
 Owners, Landlords and Tenants
 Full Coverage
 ARIZONA
 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	1.435	0.724	1.305	1.000	0.746	1.000	1.000	1.000	1.000	1.000	1.000
12/31/2003	1.003	1.087	0.724	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
12/31/2004	2.353	1.075	0.988	1.005	0.995	1.000	1.000	1.000	1.000	1.000	1.000
12/31/2005	2.032	1.235	1.104	1.013	0.988	1.000	1.000	1.000	1.000	1.000	1.000
12/31/2006	0.776	0.957	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
12/31/2007	1.238	1.088	1.030	1.197	1.000	1.000	1.000	1.000	1.000	1.000	1.000
12/31/2008	1.312	0.846	0.774	0.946	1.014	1.118	0.843	1.165	0.859	1.000	1.000
12/31/2009	1.242	1.202	1.214	0.827	1.000	1.000	1.000	1.000	0.999	1.000	1.000
12/31/2010	1.083	0.903	1.035	1.000	1.015	0.999	1.000	1.000	1.001	1.000	0.999
12/31/2011	0.954	0.945	0.921	1.013	0.997	1.016	1.000	1.000	1.000	1.000	
12/31/2012	1.218	1.086	1.056	0.982	1.006	0.997	1.000	1.000	1.000		
12/31/2013	1.022	1.103	0.868	1.002	1.001	0.971	1.000	1.033			
12/31/2014	0.833	1.102	0.968	1.004	1.014	0.986	1.000				
12/31/2015	1.037	1.001	1.027	1.043	1.000	1.049					
12/31/2016	1.148	1.054	1.303	0.888	1.103						
12/31/2017	0.784	1.000	0.949	1.000							
12/31/2018	1.547	1.002	0.962								
12/31/2019	0.962	0.967									
12/31/2020	1.236										
3 Yr Mean	1.248	0.990	1.071	0.977	1.039	1.002	1.000	1.011	1.000	1.000	1.000
Best 3/5	1.115	1.001	0.986	1.002	1.007	1.000	1.000	1.000	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>			
12/31/2002	1.000	1.000	1.000	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	1.000			
12/31/2004	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000			
12/31/2005	1.000	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	1.012								
12/31/2008	1.001	1.000									
12/31/2009	1.000										
3 Yr Mean	1.000	1.000	1.004	1.000	1.002	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										
<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					1.007	1.000	1.000	1.000	1.000	1.000	1.000
12/31/2018				1.002	1.007	1.000	1.000	1.000	1.000	1.000	1.000
12/31/2019			0.986	1.002	1.007	1.000	1.000	1.000	1.000	1.000	1.000
12/31/2020		1.001	0.986	1.002	1.007	1.000	1.000	1.000	1.000	1.000	1.000
12/31/2021	1.115	1.001	0.986	1.002	1.007	1.000	1.000	1.000	1.000	1.000	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/Ult</u>	<u>FACTORS</u>	
12/31/2017	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.007	
12/31/2018	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.009	
12/31/2019	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	0.995	
12/31/2020	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	0.996	
12/31/2021	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.110	

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
 ARIZONA
 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>
12/31/2002	9,365	37,679	52,284	55,727	92,997	129,548	129,884	129,884	129,884	129,884	129,884
12/31/2003	61,293	124,712	158,277	162,232	160,200	160,200	160,200	160,200	160,200	160,200	160,200
12/31/2004	17,867	98,135	300,762	412,570	417,471	414,331	465,526	467,026	473,480	473,480	473,480
12/31/2005	25,487	83,894	130,841	305,598	549,644	352,786	352,786	352,786	352,786	352,786	352,786
12/31/2006	13,738	62,757	60,053	60,053	60,053	60,053	69,688	69,688	69,688	69,688	69,688
12/31/2007	23,833	94,367	169,517	198,004	414,674	434,467	343,878	343,878	343,878	343,878	352,538
12/31/2008	44,102	258,031	372,124	387,328	412,650	406,036	399,443	399,443	399,443	399,443	399,443
12/31/2009	41,837	151,699	260,947	585,233	724,347	724,355	724,355	724,355	724,355	724,355	724,355
12/31/2010	41,424	161,679	216,171	324,661	320,135	1,092,343	2,542,629	2,712,219	2,975,396	3,049,211	3,056,648
12/31/2011	29,007	42,255	66,206	48,905	57,388	52,102	53,114	53,114	53,114	53,114	53,114
12/31/2012	32,270	103,074	233,773	251,764	262,109	299,109	267,109	262,109	262,109	262,109	
12/31/2013	94,860	80,142	152,013	156,432	158,612	158,612	170,112	172,807	202,012		
12/31/2014	128,271	87,367	120,242	146,836	197,143	213,068	211,712	222,041			
12/31/2015	87,027	123,168	153,044	196,407	224,418	236,345	245,621				
12/31/2016	131,349	198,789	282,350	1,388,690	1,633,709	2,171,089					
12/31/2017	167,896	243,615	272,660	334,413	340,189						
12/31/2018	150,005	463,220	517,505	637,968							
12/31/2019	146,677	188,284	227,566								
12/31/2020	229,977	614,785									
12/31/2021	499,827										

<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	129,884	129,884	129,884	129,884	129,884	129,884	129,884	129,884	129884
12/31/2003	160,200	160,200	160,200	160,200	160,200	160,558	160,558	160558	
12/31/2004	473,480	473,480	473,480	473,480	473,480	473,480	473480		
12/31/2005	352,786	352,786	352,786	352,786	352,786	352786			
12/31/2006	69,688	69,688	69,688	69,688	69688				
12/31/2007	352,538	352,538	361,026	362896					
12/31/2008	399,443	399,443	399443						
12/31/2009	724,355	724355							
12/31/2010	3,056,648								

Premises / Operations (Subline Code 334)
 Owners, Landlords and Tenants
 Full Coverage
 ARIZONA
 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	28,314	14,605	3,443	37,270	36,551	336	0	0	0	0	0	0	0
12/31/2003	63,419	33,565	3,955	-2,032	0	0	0	0	0	0	0	0	0
12/31/2004	80,268	202,627	111,808	4,901	-3,140	51,195	1,500	6,454	0	0	0	0	0
12/31/2005	58,407	46,947	174,757	244,046	-196,858	0	0	0	0	0	0	0	0
12/31/2006	49,019	-2,704	0	0	0	9,635	0	0	0	0	0	0	0
12/31/2007	70,534	75,150	28,487	216,670	19,793	-90,589	0	0	0	8,660	0	0	8,488
12/31/2008	213,929	114,093	15,204	25,322	-6,614	-6,593	0	0	0	0	0	0	0
12/31/2009	109,862	109,248	324,286	139,114	8	0	0	0	0	0	0	0	0
12/31/2010	120,255	54,492	108,490	-4,526	772,208	1,450,286	169,590	263,177	73,815	7,437	0	0	0
12/31/2011	13,248	23,951	-17,301	8,483	-5,286	1,012	0	0	0	0	0	0	0
12/31/2012	70,804	130,699	17,991	10,345	37,000	-32,000	-5,000	0	0	0	0	0	0
12/31/2013	-14,718	71,871	4,419	2,180	0	11,500	2,695	29,205	0	0	0	0	0
12/31/2014	-40,904	32,875	26,594	50,307	15,925	-1,356	10,329	0	0	0	0	0	0
12/31/2015	36,141	29,876	43,363	28,011	11,927	9,276	0	0	0	0	0	0	0
12/31/2016	67,440	83,561	1,106,340	245,019	537,380	0	0	0	0	0	0	0	0
12/31/2017	75,719	29,045	61,753	5,776	0	0	0	0	0	0	0	0	0
12/31/2018	313,215	54,285	120,463	0	0	0	0	0	0	0	0	0	0
12/31/2019	41,607	39,282	0	0	0	0	0	0	0	0	0	0	0
12/31/2020	384,808	0	0	0	0	0	0	0	0	0	0	0	0

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	0.1927	0.0994	0.0234	0.2537	0.2488	0.0023	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12/31/2003	0.4360	0.2308	0.0272	-0.0140	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12/31/2004	0.2151	0.5429	0.2996	0.0131	-0.0084	0.1372	0.0040	0.0173	0.0000	0.0000	0.0000	0.0000	0.0000
12/31/2005	0.0697	0.0560	0.2085	0.2911	-0.2348	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12/31/2006	0.4815	-0.0266	0.0000	0.0000	0.0000	0.0946	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12/31/2007	0.0894	0.0953	0.0361	0.2746	0.0251	-0.1148	0.0000	0.0000	0.0000	0.0110	0.0000	0.0000	0.0108
12/31/2008	0.9961	0.5312	0.0708	0.1179	-0.0308	-0.0307	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12/31/2009	0.1765	0.1756	0.5211	0.2236	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12/31/2010	0.0896	0.0406	0.0809	-0.0034	0.5757	1.0812	0.1264	0.1962	0.0550	0.0055	0.0000		
12/31/2011	0.0336	0.0607	-0.0439	0.0215	-0.0134	0.0026	0.0000	0.0000	0.0000	0.0000			
12/31/2012	0.0648	0.1195	0.0165	0.0095	0.0338	-0.0293	-0.0046	0.0000	0.0000				
12/31/2013	-0.0154	0.0750	0.0046	0.0023	0.0000	0.0120	0.0028	0.0305					
12/31/2014	-0.0323	0.0260	0.0210	0.0398	0.0126	-0.0011	0.0082						
12/31/2015	0.0155	0.0128	0.0186	0.0120	0.0051	0.0040							
12/31/2016	0.0624	0.0773	1.0238	0.2267	0.4973								
12/31/2017	0.1141	0.0438	0.0930	0.0087									
12/31/2018	0.2995	0.0519	0.1152										
12/31/2019	0.0552	0.0521											
12/31/2020	0.2909												

Best 3/5	0.1558	0.0493	0.0764	0.0202	0.0172	0.0018	0.0037	0.0102	0.0000	0.0018	0.0000	0.0000	0.0000
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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 :											
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	162,308,253	205,185,080	248,571,650	266,649,497	263,877,908	260,717,131	257,652,904	257,067,558	256,353,845	256,551,916	256,567,376
12/31/2003	173,790,953	241,660,129	283,751,649	283,258,979	277,678,137	273,561,254	269,575,498	268,002,061	267,599,630	267,807,355	267,902,863
12/31/2004	199,309,646	268,111,585	296,312,931	301,715,788	296,154,388	292,465,669	290,787,186	289,422,950	289,180,454	288,779,827	289,096,877
12/31/2005	216,745,364	271,601,717	307,049,442	311,789,393	305,553,093	301,989,751	298,319,133	297,174,634	296,670,537	296,586,973	296,388,843
12/31/2006	214,537,719	270,593,884	299,716,413	301,662,697	296,625,039	291,165,794	288,934,223	286,672,656	286,069,004	285,268,545	285,386,505
12/31/2007	250,681,028	312,468,199	344,772,034	350,841,527	340,974,788	336,129,376	333,140,842	332,736,025	331,820,658	331,579,433	331,487,923
12/31/2008	249,416,571	310,425,475	342,721,377	344,014,870	337,852,836	332,598,114	330,226,488	328,087,369	327,565,507	327,006,564	327,181,369
12/31/2009	263,268,319	336,777,537	370,013,647	373,660,615	366,254,242	363,117,760	359,579,684	357,722,994	356,789,911	356,780,577	356,791,408
12/31/2010	288,961,145	361,565,759	397,655,616	400,702,606	393,222,587	390,489,294	388,160,945	386,350,655	386,164,350	385,798,557	385,786,248
12/31/2011	293,894,582	375,826,726	414,275,742	416,642,786	408,303,354	404,180,853	400,299,571	400,365,523	399,974,129	399,501,561	400,132,205
12/31/2012	240,192,896	313,007,228	343,343,379	347,627,657	346,167,600	343,506,757	343,127,880	343,026,736	342,266,715	342,087,912	
12/31/2013	270,407,962	339,988,078	377,239,292	392,373,632	396,041,840	396,241,375	395,476,100	394,601,848	393,969,847		
12/31/2014	271,687,913	354,285,319	415,985,330	442,544,826	445,980,129	445,214,756	443,052,288	442,139,958			
12/31/2015	260,393,412	356,327,146	430,193,365	455,622,262	457,746,751	456,165,615	453,903,487				
12/31/2016	242,821,114	351,882,446	425,771,654	451,142,879	455,673,733	455,891,539					
12/31/2017	268,248,180	389,503,059	471,852,148	499,849,544	504,502,383						
12/31/2018	306,963,086	426,344,330	500,872,338	525,336,849							
12/31/2019	299,147,076	407,947,982	477,684,538								
12/31/2020	180,608,771	260,267,741									
12/31/2021	223,723,259										

A.Y.E	147 Months	159 Months	171 Months	183 Months	195 Months	207 Months	219 Months	231 Months	243 Months
12/31/2002	256,149,970	256,442,214	256,559,034	256,835,929	256,780,929	257,047,929	257,221,760	257,314,989	257,647,882
12/31/2003	267,670,542	267,350,533	267,260,913	267,153,684	267,372,448	267,713,445	268,058,357	268,466,185	
12/31/2004	289,277,386	289,265,125	289,367,568	289,073,896	289,591,972	289,735,965	289,943,426		
12/31/2005	296,548,440	296,549,922	296,327,009	296,569,727	296,537,794	296,778,123			
12/31/2006	284,905,045	284,725,077	285,907,551	286,135,102	286,516,886				
12/31/2007	331,564,375	331,978,853	332,152,791	332,187,861					
12/31/2008	327,526,638	328,153,951	328,274,858						
12/31/2009	357,033,301	357,354,779							
12/31/2010	385,297,616								

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.	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	1.264	1.211	1.073	0.990	0.988	0.988	0.998	0.997	1.001	1.000	0.998
12/31/2003	1.391	1.174	0.998	0.980	0.985	0.985	0.994	0.998	1.001	1.000	0.999
12/31/2004	1.345	1.105	1.018	0.982	0.988	0.994	0.995	0.999	0.999	1.001	1.001
12/31/2005	1.253	1.131	1.015	0.980	0.988	0.988	0.996	0.998	1.000	0.999	1.001
12/31/2006	1.261	1.108	1.006	0.983	0.982	0.992	0.992	0.998	0.997	1.000	0.998
12/31/2007	1.246	1.103	1.018	0.972	0.986	0.991	0.999	0.997	0.999	1.000	1.000
12/31/2008	1.245	1.104	1.004	0.982	0.984	0.993	0.994	0.998	0.998	1.001	1.001
12/31/2009	1.279	1.099	1.010	0.980	0.991	0.990	0.995	0.997	1.000	1.000	1.001
12/31/2010	1.251	1.100	1.008	0.981	0.993	0.994	0.995	1.000	0.999	1.000	0.999
12/31/2011	1.279	1.102	1.006	0.980	0.990	0.990	1.000	0.999	0.999	1.002	
12/31/2012	1.303	1.097	1.012	0.996	0.992	0.999	1.000	0.998	0.999		
12/31/2013	1.257	1.110	1.040	1.009	1.001	0.998	0.998	0.998			
12/31/2014	1.304	1.174	1.064	1.008	0.998	0.995	0.998				
12/31/2015	1.368	1.207	1.059	1.005	0.997	0.995					
12/31/2016	1.449	1.210	1.060	1.010	1.000						
12/31/2017	1.452	1.211	1.059	1.009							
12/31/2018	1.389	1.175	1.049								
12/31/2019	1.364	1.171									
12/31/2020	1.441										
3 Yr Mean	1.398	1.186	1.056	1.008	0.998	0.996	0.999	0.998	0.999	1.001	1.000
Best 3/5	1.426	1.197	1.059	1.009	0.998	0.996	0.999	0.998	0.999	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	1.001	1.000	1.001	1.000	1.001	1.001	1.000	1.001			
12/31/2003	0.999	1.000	1.000	1.001	1.001	1.001	1.002	1.001			
12/31/2004	1.000	1.000	0.999	1.002	1.000	1.001	1.001	1.001			
12/31/2005	1.000	0.999	1.001	1.000	1.001	1.001	1.001	1.001			
12/31/2006	0.999	1.004	1.001	1.001	1.001	1.001	1.001	1.001			
12/31/2007	1.001	1.001	1.000								
12/31/2008	1.002	1.000									
12/31/2009	1.001										
3 Yr Mean	1.001	1.002	1.001	1.001	1.001	1.001	1.001	1.001			
Best 3/5	1.001	1.000	1.000	1.001	1.001	1.001	1.001	1.001			
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					0.998	0.996	0.999	0.998	0.999	1.000	1.000
12/31/2018				1.009	0.998	0.996	0.999	0.998	0.999	1.000	1.000
12/31/2019			1.059	1.009	0.998	0.996	0.999	0.998	0.999	1.000	1.000
12/31/2020		1.197	1.059	1.009	0.998	0.996	0.999	0.998	0.999	1.000	1.000
12/31/2021	1.426	1.197	1.059	1.009	0.998	0.996	0.999	0.998	0.999	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	1.001	1.000	1.000	1.001	1.001	1.001	1.001	1.001	1.004		1.000
12/31/2018	1.001	1.000	1.000	1.001	1.001	1.001	1.001	1.001	1.004		1.009
12/31/2019	1.001	1.000	1.000	1.001	1.001	1.001	1.001	1.001	1.004		1.069
12/31/2020	1.001	1.000	1.000	1.001	1.001	1.001	1.001	1.001	1.004		1.279
12/31/2021	1.001	1.000	1.000	1.001	1.001	1.001	1.001	1.001	1.004		1.824

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>
12/31/2002	10,297,300	14,231,166	16,249,380	17,058,394	18,492,252	17,551,352	17,478,770	17,468,673	17,283,135	17,283,135	17,333,135
12/31/2003	10,951,315	18,946,310	17,167,018	20,058,660	19,553,552	18,758,775	18,256,870	18,115,381	18,083,558	18,072,681	18,189,530
12/31/2004	16,181,010	18,039,312	22,595,634	22,495,351	20,340,927	19,566,007	19,222,881	19,179,893	19,142,685	19,109,161	19,139,160
12/31/2005	13,466,390	17,730,401	18,739,137	17,500,077	16,728,223	16,434,221	16,313,419	16,290,956	16,122,906	16,234,730	16,239,730
12/31/2006	13,668,918	17,519,402	20,999,869	21,716,375	20,126,545	20,444,991	20,318,386	20,330,954	20,395,737	20,483,547	20,483,550
12/31/2007	14,842,037	18,448,220	21,053,029	21,033,245	20,906,612	20,425,808	20,302,225	20,445,221	20,424,694	20,304,946	20,256,390
12/31/2008	15,417,484	19,702,072	19,749,463	19,679,342	20,125,122	19,824,188	19,932,050	19,901,250	19,734,562	19,792,681	19,743,177
12/31/2009	12,860,453	14,872,904	17,619,196	18,168,633	18,041,986	18,162,224	18,055,220	18,014,481	18,037,606	18,064,825	18,127,574
12/31/2010	10,831,913	13,178,856	15,823,947	15,918,134	15,522,316	15,062,361	14,899,348	14,708,080	14,705,180	14,725,708	14,725,708
12/31/2011	11,216,566	14,252,184	16,350,253	17,300,588	17,162,377	17,057,826	17,171,737	17,116,273	17,105,260	17,004,926	17,054,926
12/31/2012	9,753,787	13,342,373	13,751,560	14,322,904	14,025,884	14,033,042	14,377,159	14,102,265	14,031,814	14,056,813	
12/31/2013	13,470,067	15,975,324	18,449,089	19,892,416	19,688,964	19,851,150	20,191,508	20,068,267	20,032,535		
12/31/2014	12,605,376	17,109,035	20,427,713	21,925,541	22,266,199	22,384,012	22,682,078	22,690,550			
12/31/2015	16,294,537	23,412,633	27,779,080	29,659,702	30,646,971	30,203,166	30,071,151				
12/31/2016	14,609,936	21,667,735	26,069,742	27,313,139	26,871,778	27,276,933					
12/31/2017	17,816,241	26,682,780	32,593,418	33,614,275	34,126,430						
12/31/2018	19,702,608	28,100,787	32,603,530	34,196,633							
12/31/2019	21,529,165	29,247,686	34,067,965								
12/31/2020	14,837,664	20,955,476									
12/31/2021	18,469,605										

<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	17,331,998	17,307,799	17,307,799	17,307,800	17,407,799	17,407,799	17,406,963	17,406,127	17,407,127
12/31/2003	18,193,530	18,216,030	18,266,030	18,266,030	18,282,030	18,263,280	18,263,280	18,265,780	
12/31/2004	19,139,160	19,139,160	19,139,160	19,139,160	19,143,660	19,143,660	19,158,660		
12/31/2005	16,239,730	16,234,730	16,234,730	16,287,261	16,287,847	16,277,847			
12/31/2006	20,333,680	20,333,680	20,335,037	20,385,037	20,335,037				
12/31/2007	20,216,890	20,221,990	20,211,890	20,211,890					
12/31/2008	19,742,295	19,738,418	19,738,418						
12/31/2009	18,152,572	18,062,575							
12/31/2010	14,724,101								

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										
<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	1.382	1.142	1.050	1.084	0.949	0.996	0.999	0.989	1.000	1.003	1.000
12/31/2003	1.730	0.906	1.168	0.975	0.959	0.973	0.992	0.998	0.999	1.006	1.000
12/31/2004	1.115	1.253	0.996	0.904	0.962	0.982	0.998	0.998	0.998	1.002	1.000
12/31/2005	1.317	1.057	0.934	0.956	0.982	0.993	0.999	0.990	1.007	1.000	1.000
12/31/2006	1.282	1.199	1.034	0.927	1.016	0.994	1.001	1.003	1.004	1.000	0.993
12/31/2007	1.243	1.141	0.999	0.994	0.977	0.994	1.007	0.999	0.994	0.998	0.998
12/31/2008	1.278	1.002	0.996	1.023	0.985	1.005	0.998	0.992	1.003	0.997	1.000
12/31/2009	1.156	1.185	1.031	0.993	1.007	0.994	0.998	1.001	1.002	1.003	1.001
12/31/2010	1.217	1.201	1.006	0.975	0.970	0.989	0.987	1.000	1.001	1.000	1.000
12/31/2011	1.271	1.147	1.058	0.992	0.994	1.007	0.997	0.999	0.994	1.003	
12/31/2012	1.368	1.031	1.042	0.979	1.001	1.025	0.981	0.995	1.002		
12/31/2013	1.186	1.155	1.078	0.990	1.008	1.017	0.994	0.998			
12/31/2014	1.357	1.194	1.073	1.016	1.005	1.013	1.000				
12/31/2015	1.437	1.186	1.068	1.033	0.986	0.996					
12/31/2016	1.483	1.203	1.048	0.984	1.015						
12/31/2017	1.498	1.222	1.031	1.015							
12/31/2018	1.426	1.160	1.049								
12/31/2019	1.359	1.165									
12/31/2020	1.412										
3 Yr Mean	1.399	1.182	1.043	1.011	1.002	1.009	0.992	0.997	0.999	1.002	1.000
Best 3/5	1.440	1.185	1.055	1.007	1.005	1.012	0.993	0.999	1.002	1.000	0.999
<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	0.999	1.000	1.000	1.006	1.000	1.000	1.000	1.000			
12/31/2003	1.001	1.003	1.000	1.001	0.999	1.000	1.000	1.000			
12/31/2004	1.000	1.000	1.000	1.000	1.000	1.001	1.000	1.000			
12/31/2005	1.000	1.000	1.003	1.000	0.999	1.000	1.000	1.000			
12/31/2006	1.000	1.000	1.002	0.998	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	0.995										
3 Yr Mean	0.998	1.000	1.002	0.999	0.999	1.000	1.000	1.000			
Best 3/5	1.000	1.000	1.001	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>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					1.005	1.012	0.993	0.999	1.002	1.000	0.999
12/31/2018				1.007	1.005	1.012	0.993	0.999	1.002	1.000	0.999
12/31/2019			1.055	1.007	1.005	1.012	0.993	0.999	1.002	1.000	0.999
12/31/2020		1.185	1.055	1.007	1.005	1.012	0.993	0.999	1.002	1.000	0.999
12/31/2021	1.440	1.185	1.055	1.007	1.005	1.012	0.993	0.999	1.002	1.000	0.999
<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	1.000	1.000	1.001	1.000	1.000	1.000	1.000	1.000	1.000		1.011
12/31/2018	1.000	1.000	1.001	1.000	1.000	1.000	1.000	1.000	1.000		1.018
12/31/2019	1.000	1.000	1.001	1.000	1.000	1.000	1.000	1.000	1.000		1.074
12/31/2020	1.000	1.000	1.001	1.000	1.000	1.000	1.000	1.000	1.000		1.273
12/31/2021	1.000	1.000	1.001	1.000	1.000	1.000	1.000	1.000	1.000		1.833

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

<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	21,986,107	42,085,358	70,548,766	94,805,240	108,868,420	113,938,119	116,963,480	118,713,188	118,502,859	119,921,358	120,192,210
12/31/2003	23,678,044	48,740,373	79,430,428	101,072,156	114,976,104	119,587,550	121,716,651	123,476,345	124,783,991	125,459,872	126,448,953
12/31/2004	24,160,272	53,012,899	82,033,215	104,581,887	117,729,337	122,435,469	125,289,172	126,940,955	128,622,265	128,776,761	129,638,792
12/31/2005	23,439,487	48,076,249	80,929,389	107,453,967	119,258,535	125,775,149	128,205,961	129,757,492	131,137,624	132,320,158	133,028,389
12/31/2006	24,208,939	52,926,903	89,032,868	109,690,759	123,291,317	129,590,538	132,802,444	131,899,740	133,089,197	134,209,353	134,726,209
12/31/2007	23,474,430	56,598,778	97,177,193	125,142,946	138,091,785	143,948,452	146,492,774	148,615,463	150,434,251	150,518,377	150,390,214
12/31/2008	22,013,599	57,554,687	97,144,951	128,733,808	145,310,192	150,525,849	154,690,394	156,180,949	156,913,921	157,425,402	157,906,911
12/31/2009	28,471,241	63,700,361	108,524,537	140,757,771	155,670,373	162,927,974	167,782,408	171,435,731	172,547,214	176,543,182	181,019,675
12/31/2010	30,682,763	73,388,422	124,034,480	154,584,403	170,212,068	177,393,664	181,352,006	183,788,231	184,774,581	185,660,209	187,569,121
12/31/2011	34,225,032	78,419,796	131,250,899	167,172,650	182,510,421	189,659,967	194,812,236	195,733,752	196,846,115	197,402,330	198,102,988
12/31/2012	27,902,412	69,774,525	117,119,768	150,406,802	167,566,721	173,209,839	176,574,437	179,925,714	181,382,592	182,356,994	
12/31/2013	35,641,160	83,757,679	134,307,142	182,205,518	201,426,680	208,211,525	213,837,558	216,743,796	217,876,168		
12/31/2014	37,832,044	87,698,502	145,266,431	185,595,098	207,533,357	215,700,394	220,242,208	222,765,131			
12/31/2015	38,301,014	87,725,150	145,919,081	185,632,317	203,479,789	209,948,662	215,366,218				
12/31/2016	34,118,684	79,620,405	141,224,769	180,451,131	198,108,981	209,490,958					
12/31/2017	35,722,920	86,536,836	146,413,457	187,691,923	217,003,039						
12/31/2018	42,166,453	90,496,194	151,940,610	195,889,465							
12/31/2019	34,258,277	80,040,607	134,178,279								
12/31/2020	24,350,272	56,339,482									
12/31/2021	29,043,750										
	<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	120,070,636	120,709,342	121,059,135	121,233,394	121,204,000	121,296,835	121,510,355	121,647,352	122,038,258		
12/31/2003	127,081,835	127,258,720	127,264,521	127,258,505	127,430,843	127,465,415	127,812,071	128,002,568			
12/31/2004	129,989,206	130,729,694	131,750,706	134,632,640	136,167,141	136,174,516	137,986,074				
12/31/2005	134,334,970	132,983,156	133,118,470	133,151,505	133,177,353	133,517,628					
12/31/2006	134,675,636	135,267,532	135,402,466	135,835,217	135,956,998						
12/31/2007	150,370,431	150,452,452	151,062,635	151,281,634							
12/31/2008	158,296,945	158,689,646	158,843,774								
12/31/2009	181,600,204	183,057,040									
12/31/2010	188,089,236										

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

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	20,099,251	28,463,408	24,256,474	14,063,180	5,069,699	3,025,361	1,749,708	-210,329	1,418,499	270,852	-121,574	638,706	349,793
12/31/2003	25,062,329	30,690,055	21,641,728	13,903,948	4,611,446	2,129,101	1,759,694	1,307,646	675,881	989,081	632,882	176,885	5,801
12/31/2004	28,852,627	29,020,316	22,548,672	13,147,450	4,706,132	2,853,703	1,651,783	1,681,310	154,496	862,031	350,414	740,488	1,021,012
12/31/2005	24,636,762	32,853,140	26,524,578	11,804,568	6,516,614	2,430,812	1,551,531	1,380,132	1,182,534	708,231	1,306,581	-1,351,814	135,314
12/31/2006	28,717,964	36,105,965	20,657,891	13,600,558	6,299,221	3,211,906	-902,704	1,189,457	1,120,156	516,856	-50,573	591,896	134,934
12/31/2007	33,124,348	40,578,415	27,965,753	12,948,839	5,856,667	2,544,322	2,122,689	1,818,788	84,126	-128,163	-19,783	82,021	610,183
12/31/2008	35,541,088	39,590,264	31,588,857	16,576,384	5,215,657	4,164,545	1,490,555	732,972	511,481	481,509	390,034	392,701	154,128
12/31/2009	35,229,120	44,824,176	32,233,234	14,912,602	7,257,601	4,854,434	3,653,323	1,111,483	3,995,968	4,476,493	580,529	1,456,836	
12/31/2010	42,705,659	50,646,058	30,549,923	15,627,665	7,181,596	3,958,342	2,436,225	986,350	885,628	1,908,912	520,115		
12/31/2011	44,194,764	52,831,103	35,921,751	15,337,771	7,149,546	5,152,269	921,516	1,112,363	556,215	700,658			
12/31/2012	41,872,113	47,345,243	33,287,034	17,159,919	5,643,118	3,364,598	3,351,277	1,456,878	974,402				
12/31/2013	48,116,519	50,549,463	47,898,376	19,221,162	6,784,845	5,626,033	2,906,238	1,132,372					
12/31/2014	49,866,458	57,567,929	40,328,667	21,938,259	8,167,037	4,541,814	2,522,923						
12/31/2015	49,424,136	58,193,931	39,713,236	17,847,472	6,468,873	5,417,556							
12/31/2016	45,501,721	61,604,364	39,226,362	17,657,850	11,381,977								
12/31/2017	50,813,916	59,876,621	41,278,466	29,311,116									
12/31/2018	48,329,741	61,444,416	43,948,855										
12/31/2019	45,782,330	54,137,672											
12/31/2020	31,989,210												

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	0.0530	0.0750	0.0639	0.0371	0.0134	0.0080	0.0046	-0.0006	0.0037	0.0007	-0.0003	0.0017	0.0009
12/31/2003	0.0640	0.0784	0.0553	0.0355	0.0118	0.0054	0.0045	0.0033	0.0017	0.0025	0.0016	0.0005	0.0000
12/31/2004	0.0682	0.0686	0.0533	0.0311	0.0111	0.0067	0.0039	0.0040	0.0004	0.0020	0.0008	0.0017	0.0024
12/31/2005	0.0562	0.0750	0.0605	0.0269	0.0149	0.0055	0.0035	0.0032	0.0027	0.0016	0.0030	-0.0031	0.0003
12/31/2006	0.0673	0.0846	0.0484	0.0319	0.0148	0.0075	-0.0021	0.0028	0.0026	0.0012	-0.0001	0.0014	0.0003
12/31/2007	0.0645	0.0790	0.0544	0.0252	0.0114	0.0050	0.0041	0.0035	0.0002	-0.0002	0.0000	0.0002	0.0012
12/31/2008	0.0723	0.0805	0.0643	0.0337	0.0106	0.0085	0.0030	0.0015	0.0010	0.0010	0.0008	0.0008	0.0003
12/31/2009	0.0650	0.0827	0.0595	0.0275	0.0134	0.0090	0.0067	0.0021	0.0074	0.0083	0.0011	0.0027	
12/31/2010	0.0722	0.0856	0.0516	0.0264	0.0121	0.0067	0.0041	0.0017	0.0015	0.0032	0.0009		
12/31/2011	0.0719	0.0860	0.0585	0.0250	0.0116	0.0084	0.0015	0.0018	0.0009	0.0011			
12/31/2012	0.0748	0.0845	0.0594	0.0306	0.0101	0.0060	0.0060	0.0026	0.0017				
12/31/2013	0.0739	0.0776	0.0735	0.0295	0.0104	0.0086	0.0045	0.0017					
12/31/2014	0.0692	0.0799	0.0560	0.0305	0.0113	0.0063	0.0035						
12/31/2015	0.0655	0.0772	0.0527	0.0237	0.0086	0.0072							
12/31/2016	0.0585	0.0792	0.0504	0.0227	0.0146								
12/31/2017	0.0586	0.0691	0.0476	0.0338									
12/31/2018	0.0529	0.0672	0.0481										
12/31/2019	0.0521	0.0616											
12/31/2020	0.0534												

Best 3/5	0.0549	0.0712	0.0504	0.0279	0.0106	0.0073	0.0040	0.0019	0.0014	0.0018	0.0006	0.0008	0.0006
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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>
12/31/2002	24,951,943	27,727,829	29,930,277	31,844,645	32,417,833	32,947,223	32,986,846	32,993,808	32,899,876	33,134,923	33,392,255
12/31/2003	25,618,723	28,721,370	30,856,427	32,659,496	34,806,455	34,564,650	34,738,630	34,366,237	34,544,952	34,511,547	34,613,637
12/31/2004	26,407,918	30,807,071	33,175,001	33,853,757	34,459,640	33,894,024	33,712,718	33,698,337	34,073,826	34,659,195	34,746,425
12/31/2005	24,939,572	29,401,175	30,935,308	31,171,701	31,342,776	31,362,080	31,192,078	31,586,322	31,688,290	31,903,275	31,409,059
12/31/2006	26,415,199	27,136,010	28,030,155	29,112,610	29,747,623	30,094,024	30,445,948	30,652,513	31,041,845	31,006,622	31,219,171
12/31/2007	27,996,612	30,346,524	31,666,342	33,322,508	32,658,299	32,483,923	33,267,411	33,821,243	33,954,125	33,922,383	33,885,666
12/31/2008	30,236,772	32,375,010	33,583,375	33,687,482	34,591,628	35,224,266	34,934,586	34,215,659	34,702,487	34,712,191	34,746,640
12/31/2009	29,974,587	33,462,363	35,479,358	36,109,538	36,237,766	36,569,137	36,614,378	36,816,735	37,037,342	37,321,394	37,476,763
12/31/2010	34,708,980	37,987,272	38,759,112	39,821,850	39,457,368	39,088,330	39,467,586	39,908,688	39,704,510	39,742,154	39,980,830
12/31/2011	40,430,277	43,357,501	44,627,643	44,832,694	45,197,786	45,163,142	45,479,793	46,075,640	46,312,802	46,551,426	46,589,430
12/31/2012	34,801,692	36,747,132	37,690,419	37,995,440	38,185,884	37,945,561	38,594,357	38,630,487	38,902,270	39,021,577	
12/31/2013	36,700,604	40,240,390	41,596,260	42,870,365	43,260,014	44,331,179	44,370,764	44,741,512	44,995,314		
12/31/2014	39,443,484	41,053,405	43,489,676	45,049,067	46,017,629	46,404,620	46,391,144	46,479,734			
12/31/2015	37,324,149	40,658,812	45,925,377	48,914,096	49,141,400	49,349,375	50,016,423				
12/31/2016	31,470,364	37,335,874	39,899,437	41,416,685	41,550,180	42,143,552					
12/31/2017	34,329,020	42,561,303	46,566,608	47,807,773	48,732,110						
12/31/2018	39,386,322	45,918,454	48,871,444	50,745,447							
12/31/2019	38,460,738	43,677,726	45,874,206								
12/31/2020	31,999,134	36,815,347									
12/31/2021	32,271,994										

<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	33,592,262	33,696,158	33,876,231	33,990,971	34,117,889	34,278,755	34,225,688	34,287,006	34,434,425
12/31/2003	34,690,811	34,707,066	34,691,968	34,709,550	34,772,652	34,830,272	34,922,489	34,967,845	
12/31/2004	34,758,693	34,758,279	34,784,959	34,797,893	34,927,402	34,948,849	34,742,171		
12/31/2005	31,561,048	31,497,572	31,416,103	31,474,802	31,541,398	31,585,950			
12/31/2006	31,257,462	31,281,582	31,331,198	31,444,502	31,493,587				
12/31/2007	33,741,128	33,784,102	33,817,045	33,739,803					
12/31/2008	35,021,200	35,159,406	35,096,638						
12/31/2009	38,057,605	38,236,955							
12/31/2010	40,056,201								

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											
<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	1.111	1.079	1.064	1.018	1.016	1.001	1.000	0.997	1.007	1.008	1.006
12/31/2003	1.121	1.074	1.058	1.066	0.993	1.005	0.989	1.005	0.999	1.003	1.002
12/31/2004	1.167	1.077	1.020	1.018	0.984	0.995	1.000	1.011	1.017	1.003	1.000
12/31/2005	1.179	1.052	1.008	1.005	1.001	0.995	1.013	1.003	1.007	0.985	1.005
12/31/2006	1.027	1.033	1.039	1.022	1.012	1.012	1.007	1.013	0.999	1.007	1.001
12/31/2007	1.084	1.043	1.052	0.980	0.995	1.024	1.017	1.004	0.999	0.999	0.996
12/31/2008	1.071	1.037	1.003	1.027	1.018	0.992	0.979	1.014	1.000	1.001	1.008
12/31/2009	1.116	1.060	1.018	1.004	1.009	1.001	1.006	1.006	1.008	1.004	1.015
12/31/2010	1.094	1.020	1.027	0.991	0.991	1.010	1.011	0.995	1.001	1.006	1.002
12/31/2011	1.072	1.029	1.005	1.008	0.999	1.007	1.013	1.005	1.005	1.001	
12/31/2012	1.056	1.026	1.008	1.005	0.994	1.017	1.001	1.007	1.003		
12/31/2013	1.096	1.034	1.031	1.009	1.025	1.001	1.008	1.006			
12/31/2014	1.041	1.059	1.036	1.022	1.008	1.000	1.002				
12/31/2015	1.089	1.130	1.065	1.005	1.004	1.014					
12/31/2016	1.186	1.069	1.038	1.003	1.014						
12/31/2017	1.240	1.094	1.027	1.019							
12/31/2018	1.166	1.064	1.038								
12/31/2019	1.136	1.050									
12/31/2020	1.151										
3 Yr Mean	1.151	1.069	1.034	1.009	1.009	1.005	1.004	1.006	1.003	1.004	1.008
Best 3/5	1.168	1.076	1.037	1.011	1.009	1.007	1.007	1.006	1.003	1.002	1.004
	<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	1.003	1.005	1.003	1.004	1.005	0.998	1.002	1.004			
12/31/2003	1.000	1.000	1.001	1.002	1.002	1.003	1.001	1.000			
12/31/2004	1.000	1.001	1.000	1.004	1.001	0.994	1.000	1.000			
12/31/2005	0.998	0.997	1.002	1.002	1.001	1.001	1.000	1.000			
12/31/2006	1.001	1.002	1.004	1.002	1.003	1.001	1.000	1.000			
12/31/2007	1.001	1.001	0.998								
12/31/2008	1.004	0.998									
12/31/2009	1.005										
3 Yr Mean	1.003	1.000	1.001	1.003	1.001	0.998	1.002	1.004			
Best 3/5	1.002	1.000	1.001	1.003	1.002	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					1.009	1.007	1.007	1.006	1.003	1.002	1.004
12/31/2018				1.011	1.009	1.007	1.007	1.006	1.003	1.002	1.004
12/31/2019			1.037	1.011	1.009	1.007	1.007	1.006	1.003	1.002	1.004
12/31/2020		1.076	1.037	1.011	1.009	1.007	1.007	1.006	1.003	1.002	1.004
12/31/2021	1.168	1.076	1.037	1.011	1.009	1.007	1.007	1.006	1.003	1.002	1.004
	<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	1.002	1.000	1.001	1.003	1.002	1.000	1.000	1.000	1.001		1.048
12/31/2018	1.002	1.000	1.001	1.003	1.002	1.000	1.000	1.000	1.001		1.060
12/31/2019	1.002	1.000	1.001	1.003	1.002	1.000	1.000	1.000	1.001		1.099
12/31/2020	1.002	1.000	1.001	1.003	1.002	1.000	1.000	1.000	1.001		1.182
12/31/2021	1.002	1.000	1.001	1.003	1.002	1.000	1.000	1.000	1.001		1.381

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>
12/31/2002	1,206,185	1,308,007	1,622,180	1,518,400	1,574,155	1,522,595	1,418,007	1,410,289	1,414,288	1,420,788	1,419,788
12/31/2003	1,360,022	1,652,418	1,656,816	2,126,474	2,088,857	2,059,260	2,134,267	2,151,434	2,149,934	2,100,434	2,064,434
12/31/2004	1,583,867	2,086,967	2,118,601	2,831,308	2,694,148	2,794,034	2,632,533	2,646,533	2,639,583	2,741,645	2,740,244
12/31/2005	1,662,658	1,890,515	2,382,172	2,266,225	2,198,593	2,144,219	2,188,668	2,380,167	2,303,246	2,315,391	2,315,268
12/31/2006	1,585,669	1,616,377	1,751,325	1,836,231	1,918,471	1,734,257	1,753,302	2,029,302	1,908,691	2,008,690	2,013,229
12/31/2007	1,392,342	1,519,889	1,514,666	1,624,077	1,711,456	1,727,368	1,638,793	1,635,868	1,635,868	1,635,868	1,635,869
12/31/2008	1,419,726	1,306,139	1,407,583	1,619,832	1,550,603	1,489,414	1,592,915	1,595,914	1,597,915	1,597,916	1,629,225
12/31/2009	1,542,137	1,608,102	1,564,477	1,627,464	1,614,650	1,573,285	1,590,407	1,542,985	1,542,985	1,543,985	1,556,299
12/31/2010	1,136,376	1,360,556	1,387,433	1,400,667	1,406,268	1,455,797	1,380,792	1,354,767	1,354,966	1,354,767	1,354,767
12/31/2011	1,150,317	1,401,852	1,408,385	1,533,299	1,696,365	1,641,476	1,601,575	1,600,575	1,589,060	1,576,441	1,576,441
12/31/2012	1,071,176	1,387,806	1,532,475	1,692,287	1,654,392	1,664,926	1,767,415	1,799,998	1,813,941	1,823,373	
12/31/2013	1,904,516	2,044,223	1,796,454	1,945,624	1,892,273	1,942,273	1,942,273	2,022,273	1,945,673		
12/31/2014	1,435,754	1,283,461	1,437,812	1,521,060	1,391,195	1,391,190	1,486,190	1,486,190			
12/31/2015	2,026,111	2,390,287	2,446,809	2,608,947	2,792,522	3,028,039	3,148,032				
12/31/2016	1,762,661	1,945,608	2,283,648	2,652,986	2,712,262	2,596,729					
12/31/2017	2,429,346	2,976,633	3,421,854	3,444,760	3,412,810						
12/31/2018	2,360,198	2,944,288	3,176,981	3,151,547							
12/31/2019	2,976,317	3,029,054	3,211,317								
12/31/2020	2,425,164	2,963,822									
12/31/2021	1,913,527										

<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	1,419,788	1,419,788	1,419,788	1,419,788	1,519,788	1,519,788	1,519,788	1,519,788	1,519,788
12/31/2003	2,064,434	2,064,434	2,064,434	2,264,434	2,266,043	2,266,043	2,266,043	2,266,043	
12/31/2004	2,839,745	2,841,620	2,841,520	2,841,620	2,841,520	2,841,520	2,846,520		
12/31/2005	2,314,162	2,313,352	2,312,774	2,312,506	2,310,096	2,309,890			
12/31/2006	2,108,690	2,108,690	2,118,562	2,108,562	2,108,562				
12/31/2007	1,630,868	1,637,250	1,632,250	1,632,250					
12/31/2008	1,609,870	1,609,870	1,607,290						
12/31/2009	1,556,299	1,556,299							
12/31/2010	1,354,767								

Premises / Operations (Subline Code 334)
 Owners, Landlords and Tenants
 Deductible
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 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	1.084	1.240	0.936	1.037	0.967	0.931	0.995	1.003	1.005	0.999	1.000
12/31/2003	1.215	1.003	1.283	0.982	0.986	1.036	1.008	0.999	0.977	0.983	1.000
12/31/2004	1.318	1.015	1.336	0.952	1.037	0.942	1.005	0.997	1.039	0.999	1.036
12/31/2005	1.137	1.260	0.951	0.970	0.975	1.021	1.087	0.968	1.005	1.000	1.000
12/31/2006	1.019	1.083	1.048	1.045	0.904	1.011	1.157	0.941	1.052	1.002	1.047
12/31/2007	1.092	0.997	1.072	1.054	1.009	0.949	0.998	1.000	1.000	1.000	0.997
12/31/2008	0.920	1.078	1.151	0.957	0.961	1.069	1.002	1.001	1.000	1.020	0.988
12/31/2009	1.043	0.973	1.040	0.992	0.974	1.011	0.970	1.000	1.001	1.008	1.000
12/31/2010	1.197	1.020	1.010	1.004	1.035	0.948	0.981	1.000	1.000	1.000	1.000
12/31/2011	1.219	1.005	1.089	1.106	0.968	0.976	0.999	0.993	0.992	1.000	
12/31/2012	1.296	1.104	1.104	0.978	1.006	1.062	1.018	1.008	1.005		
12/31/2013	1.073	0.879	1.083	0.973	1.026	1.000	1.041	0.962			
12/31/2014	0.894	1.120	1.058	0.915	1.000	1.068	1.000				
12/31/2015	1.180	1.024	1.066	1.070	1.084	1.040					
12/31/2016	1.104	1.174	1.162	1.022	0.957						
12/31/2017	1.225	1.150	1.007	0.991							
12/31/2018	1.247	1.079	0.992								
12/31/2019	1.018	1.060									
12/31/2020	1.222										
3 Yr Mean	1.162	1.096	1.054	1.028	1.014	1.036	1.020	0.988	0.999	1.003	0.996
Best 3/5	1.184	1.096	1.044	0.995	1.011	1.034	1.006	0.998	1.000	1.003	0.999
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	1.070	1.000	1.000	1.000	1.000			
12/31/2003	1.000	1.000	1.097	1.001	1.000	1.000	1.000	1.000			
12/31/2004	1.001	1.000	1.000	1.000	1.000	1.002	1.000	1.000			
12/31/2005	1.000	1.000	1.000	0.999	1.000	1.000	1.000	1.000			
12/31/2006	1.000	1.005	0.995	1.000	1.000	1.000	1.000	1.000			
12/31/2007	1.004	0.997	1.000								
12/31/2008	1.000	0.998									
12/31/2009	1.000										
3 Yr Mean	1.001	1.000	0.998	1.000	1.000	1.001	1.000	1.000			
Best 3/5	1.000	0.999	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					1.011	1.034	1.006	0.998	1.000	1.003	0.999
12/31/2018				0.995	1.011	1.034	1.006	0.998	1.000	1.003	0.999
12/31/2019			1.044	0.995	1.011	1.034	1.006	0.998	1.000	1.003	0.999
12/31/2020		1.096	1.044	0.995	1.011	1.034	1.006	0.998	1.000	1.003	0.999
12/31/2021	1.184	1.096	1.044	0.995	1.011	1.034	1.006	0.998	1.000	1.003	0.999
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	0.999	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.051	
12/31/2018	1.000	0.999	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.045	
12/31/2019	1.000	0.999	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.091	
12/31/2020	1.000	0.999	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.196	
12/31/2021	1.000	0.999	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.416	

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>
12/31/2002	2,466,414	5,732,379	8,981,595	13,701,995	19,774,297	23,063,737	24,570,063	25,021,209	25,485,693	25,819,946	25,924,438
12/31/2003	2,559,685	6,167,157	9,630,215	12,994,243	17,033,313	18,399,116	19,719,843	20,398,926	20,721,006	21,346,978	21,713,288
12/31/2004	3,820,356	7,491,926	11,897,757	14,892,374	17,839,321	19,726,205	20,289,870	20,767,974	21,080,500	21,421,136	21,853,461
12/31/2005	2,396,771	6,761,479	10,361,744	13,824,159	17,133,217	18,243,241	20,025,745	22,261,273	23,693,869	24,648,515	27,371,719
12/31/2006	3,362,440	6,868,909	9,983,936	12,956,286	15,632,406	17,173,722	18,350,587	18,445,350	19,943,999	19,759,830	20,220,429
12/31/2007	4,102,595	7,276,177	10,902,656	13,775,132	16,031,863	18,081,424	19,859,392	20,588,254	20,957,652	21,571,152	21,648,043
12/31/2008	3,895,609	8,507,786	12,630,565	17,435,364	21,230,260	23,275,880	24,337,463	25,588,030	27,808,710	28,183,708	28,607,191
12/31/2009	3,843,770	7,702,783	11,677,990	15,258,581	18,120,985	19,976,434	20,638,552	21,750,692	22,251,219	23,015,958	23,525,996
12/31/2010	4,492,700	9,175,839	13,834,583	18,212,231	20,602,512	22,818,660	25,338,076	26,233,664	26,441,181	26,863,069	27,245,364
12/31/2011	5,469,090	10,733,012	16,394,545	20,645,202	23,645,809	25,502,264	26,101,598	27,377,071	28,274,161	28,873,623	29,356,709
12/31/2012	5,165,894	8,344,553	12,683,020	16,709,145	20,371,108	21,905,323	22,936,298	23,728,582	25,003,848	25,764,475	
12/31/2013	4,951,302	9,568,879	14,479,705	17,813,520	19,426,811	24,292,928	24,536,557	26,077,983	27,069,943		
12/31/2014	4,608,991	8,441,846	13,150,624	16,344,105	19,925,028	21,298,042	22,563,904	23,021,980			
12/31/2015	6,440,608	10,842,441	17,310,603	22,433,780	25,222,523	25,650,245	26,634,454				
12/31/2016	4,560,594	9,264,583	15,547,905	21,802,790	23,586,433	25,010,537					
12/31/2017	5,894,097	11,797,312	16,998,732	22,164,614	25,851,189						
12/31/2018	5,425,851	9,987,205	15,380,990	19,196,554							
12/31/2019	4,959,980	11,761,891	16,682,243								
12/31/2020	4,645,631	9,073,209									
12/31/2021	5,219,043										

<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	25,923,148	25,955,889	25,898,367	26,119,279	26,182,738	26,538,699	26,720,318	26,961,017	27,216,733
12/31/2003	21,461,902	21,452,530	21,453,564	21,443,954	21,468,122	21,487,498	21,505,446	21,522,306	
12/31/2004	22,191,922	22,549,514	22,732,600	22,794,899	22,980,769	23,084,006	23,214,780		
12/31/2005	27,542,716	27,566,147	27,637,487	27,704,519	27,750,887	27,655,576			
12/31/2006	20,446,972	20,348,300	20,649,308	20,740,926	20,721,095				
12/31/2007	22,026,683	21,956,300	22,053,101	22,451,886					
12/31/2008	29,161,638	29,043,955	29,150,044						
12/31/2009	24,500,560	24,982,768							
12/31/2010	27,577,149								

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

A.Y.E.	27:15	39:27	51:39	63:51	75:63	Increments		87:75	99:87	111:99	123:111	135:123	147:135	159:147	171:159
12/31/2002	3,265,965	3,249,216	4,720,400	6,072,302	3,289,440	1,506,326	451,146	464,484	334,253	104,492	-1,290	32,741	-57,522		
12/31/2003	3,607,472	3,463,058	3,364,028	4,039,070	1,365,803	1,320,727	679,083	322,080	625,972	366,310	-251,386	-9,372	1,034		
12/31/2004	3,671,570	4,405,831	2,994,617	2,946,947	1,886,884	563,665	478,104	312,526	340,636	432,325	338,461	357,592	183,086		
12/31/2005	4,364,708	3,600,265	3,462,415	3,309,058	1,110,024	1,782,504	2,235,528	1,432,596	954,646	2,723,204	170,997	23,431	71,340		
12/31/2006	3,506,469	3,115,027	2,972,350	2,676,120	1,541,316	1,176,865	94,763	1,498,649	-184,169	460,599	226,543	-98,672	301,008		
12/31/2007	3,173,582	3,626,479	2,872,476	2,256,731	2,049,561	1,777,968	728,862	369,398	613,500	76,891	378,640	-70,383	96,801		
12/31/2008	4,612,177	4,122,779	4,804,799	3,794,896	2,045,620	1,061,583	1,250,567	2,220,680	374,998	423,483	554,447	-117,683	106,089		
12/31/2009	3,859,013	3,975,207	3,580,591	2,862,404	1,855,449	662,118	1,112,140	500,527	764,739	510,038	974,564	482,208			
12/31/2010	4,683,139	4,658,744	4,377,648	2,390,281	2,216,148	2,519,416	895,588	207,517	421,888	382,295	331,785				
12/31/2011	5,263,922	5,661,533	4,250,657	3,000,607	1,856,455	599,334	1,275,473	897,090	599,462	483,086					
12/31/2012	3,178,659	4,338,467	4,026,125	3,661,963	1,534,215	1,030,975	792,284	1,275,266	760,627						
12/31/2013	4,617,577	4,910,826	3,333,815	1,613,291	4,866,117	243,629	1,541,426	991,960							
12/31/2014	3,832,855	4,708,778	3,193,481	3,580,923	1,373,014	1,265,862	458,076								
12/31/2015	4,401,833	6,468,162	5,123,177	2,788,743	427,722	984,209									
12/31/2016	4,703,989	6,283,322	6,254,885	1,783,643	1,424,104										
12/31/2017	5,903,215	5,201,420	5,165,882	3,686,575											
12/31/2018	4,561,354	5,393,785	3,815,564												
12/31/2019	6,801,911	4,920,352													
12/31/2020	4,427,578														

A.Y.E.	27:15	39:27	51:39	63:51	75:63	Incremental Percentages		87:75	99:87	111:99	123:111	135:123	147:135	159:147	171:159
12/31/2002	0.0671	0.0668	0.0970	0.1248	0.0676	0.0309	0.0093	0.0095	0.0069	0.0021	0.0000	0.0007	-0.0012		
12/31/2003	0.0783	0.0751	0.0730	0.0876	0.0296	0.0287	0.0147	0.0070	0.0136	0.0079	-0.0055	-0.0002	0.0000		
12/31/2004	0.0786	0.0944	0.0641	0.0631	0.0404	0.0121	0.0102	0.0067	0.0073	0.0093	0.0072	0.0077	0.0039		
12/31/2005	0.1051	0.0867	0.0834	0.0797	0.0267	0.0429	0.0538	0.0345	0.0230	0.0656	0.0041	0.0006	0.0017		
12/31/2006	0.0863	0.0766	0.0731	0.0658	0.0379	0.0289	0.0023	0.0369	-0.0045	0.0113	0.0056	-0.0024	0.0074		
12/31/2007	0.0747	0.0854	0.0676	0.0531	0.0483	0.0419	0.0172	0.0087	0.0144	0.0018	0.0089	-0.0017	0.0023		
12/31/2008	0.0998	0.0892	0.1039	0.0821	0.0443	0.0230	0.0271	0.0480	0.0081	0.0092	0.0120	-0.0025	0.0023		
12/31/2009	0.0776	0.0799	0.0720	0.0575	0.0373	0.0133	0.0224	0.0101	0.0154	0.0103	0.0196	0.0097			
12/31/2010	0.0845	0.0841	0.0790	0.0431	0.0400	0.0455	0.0162	0.0037	0.0076	0.0069	0.0060				
12/31/2011	0.0782	0.0841	0.0631	0.0446	0.0276	0.0089	0.0189	0.0133	0.0089	0.0072					
12/31/2012	0.0627	0.0856	0.0794	0.0722	0.0303	0.0203	0.0156	0.0251	0.0150						
12/31/2013	0.0755	0.0803	0.0545	0.0264	0.0795	0.0040	0.0252	0.0162							
12/31/2014	0.0594	0.0729	0.0495	0.0555	0.0213	0.0196	0.0071								
12/31/2015	0.0602	0.0884	0.0700	0.0381	0.0058	0.0135									
12/31/2016	0.0785	0.1049	0.1044	0.0298	0.0238										
12/31/2017	0.0842	0.0742	0.0737	0.0526											
12/31/2018	0.0638	0.0754	0.0534												
12/31/2019	0.1055	0.0763													
12/31/2020	0.0771														

Best 3/5	0.0799	0.0800	0.0657	0.0402	0.0251	0.0140	0.0169	0.0132	0.0107	0.0078	0.0090	-0.0012	0.0028
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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>
12/31/2002	7,052,742	9,336,949	9,697,555	11,593,434	10,722,135	11,254,016	10,497,368	10,392,857	10,705,479	10,619,779	10,643,342
12/31/2003	7,037,960	8,102,130	10,254,050	10,206,088	10,526,198	10,120,267	9,744,757	9,752,207	9,716,481	9,677,433	9,552,064
12/31/2004	14,245,523	15,453,254	16,693,712	16,447,626	15,971,104	16,312,261	16,625,412	16,500,983	16,444,043	16,729,932	16,501,861
12/31/2005	16,609,028	21,169,939	22,305,936	21,916,293	21,305,520	20,741,815	20,680,374	20,875,834	20,613,264	20,717,875	20,674,265
12/31/2006	19,771,913	22,948,192	23,988,507	23,005,933	22,659,438	22,129,800	22,015,744	22,197,720	22,134,482	22,184,817	22,459,813
12/31/2007	18,125,747	21,104,168	20,911,714	21,137,635	20,259,276	20,063,020	20,157,903	20,335,523	20,267,215	20,297,034	20,237,382
12/31/2008	14,694,448	16,556,404	16,522,926	16,052,039	16,227,354	16,417,692	16,704,159	16,575,431	16,601,284	16,634,928	16,566,937
12/31/2009	11,948,835	13,528,673	14,315,724	15,244,428	15,846,119	15,860,163	15,847,341	15,716,955	15,861,324	15,969,454	15,989,454
12/31/2010	10,180,858	11,388,553	12,046,108	12,583,892	12,199,105	12,251,521	12,225,404	12,377,327	12,575,154	12,732,210	12,684,882
12/31/2011	10,276,987	10,789,199	11,886,464	11,947,036	12,358,374	12,150,483	12,028,498	12,224,122	12,366,592	12,464,834	12,418,192
12/31/2012	7,477,070	9,608,259	9,678,730	9,808,226	9,853,954	9,576,568	9,629,585	9,751,332	9,664,320	9,718,932	
12/31/2013	8,087,641	9,049,525	10,546,231	11,201,929	11,610,772	11,951,037	12,154,271	12,503,260	12,642,842		
12/31/2014	8,357,497	10,902,614	13,300,612	14,128,586	14,854,757	15,220,774	15,085,103	15,250,779			
12/31/2015	9,508,107	12,647,807	16,208,060	17,870,323	18,503,047	18,614,214	19,727,126				
12/31/2016	10,579,280	13,342,758	15,644,390	15,595,867	15,777,052	15,959,951					
12/31/2017	9,971,762	13,134,526	14,846,330	15,550,860	16,616,737						
12/31/2018	9,782,266	11,613,349	13,978,065	15,395,810							
12/31/2019	7,271,339	11,156,188	14,058,778								
12/31/2020	8,365,944	10,934,387									
12/31/2021	10,088,419										

<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	10,641,785	10,727,748	10,736,649	10,715,946	10,715,944	10,715,944	10,715,969	10,781,117	10,784,694
12/31/2003	9,542,928	9,544,925	9,534,925	9,534,925	9,459,925	9,459,925	9,459,960	9,459,961	
12/31/2004	16,557,965	16,463,664	16,497,138	16,613,123	16,613,126	16,613,123	16,856,124		
12/31/2005	20,614,417	20,714,417	20,619,916	20,620,416	20,619,416	20,584,416			
12/31/2006	22,431,892	22,431,892	22,638,139	22,533,411	22,533,445				
12/31/2007	20,237,031	20,252,802	20,265,431	20,486,933					
12/31/2008	16,587,037	16,574,219	16,624,217						
12/31/2009	15,850,679	15,858,179							
12/31/2010	12,833,089								

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.	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	1.324	1.039	1.196	0.925	1.050	0.933	0.990	1.030	0.992	1.002	1.000
12/31/2003	1.151	1.266	0.995	1.031	0.961	0.963	1.001	0.996	0.996	0.987	0.999
12/31/2004	1.085	1.080	0.985	0.971	1.021	1.019	0.993	0.997	1.017	0.986	1.003
12/31/2005	1.275	1.054	0.983	0.972	0.974	0.997	1.009	0.987	1.005	0.998	0.997
12/31/2006	1.161	1.045	0.959	0.985	0.977	0.995	1.008	0.997	1.002	1.012	0.999
12/31/2007	1.164	0.991	1.011	0.958	0.990	1.005	1.009	0.997	1.001	0.997	1.000
12/31/2008	1.127	0.998	0.972	1.011	1.012	1.017	0.992	1.002	1.002	0.996	1.001
12/31/2009	1.132	1.058	1.065	1.039	1.001	0.999	0.992	1.009	1.007	1.001	0.991
12/31/2010	1.119	1.058	1.045	0.969	1.004	0.998	1.012	1.016	1.012	0.996	1.012
12/31/2011	1.050	1.102	1.005	1.034	0.983	0.990	1.016	1.012	1.008	0.996	
12/31/2012	1.285	1.007	1.013	1.005	0.972	1.006	1.013	0.991	1.006		
12/31/2013	1.119	1.165	1.062	1.036	1.029	1.017	1.029	1.011			
12/31/2014	1.305	1.220	1.062	1.051	1.025	0.991	1.011				
12/31/2015	1.330	1.281	1.103	1.035	1.006	1.060					
12/31/2016	1.261	1.173	0.997	1.012	1.012						
12/31/2017	1.317	1.130	1.047	1.069							
12/31/2018	1.187	1.204	1.101								
12/31/2019	1.534	1.260									
12/31/2020	1.307										
3 Yr Mean	1.343	1.198	1.048	1.039	1.014	1.023	1.018	1.005	1.009	0.998	1.001
Best 3/5	1.295	1.212	1.070	1.041	1.014	1.005	1.014	1.011	1.007	0.996	1.000
A.Y.E.	159:147	171:159	183:171	195:183	207:195	219:207	231:219	243:231			
12/31/2002	1.008	1.001	0.998	1.000	1.000	1.000	1.006	1.000			
12/31/2003	1.000	0.999	1.000	0.992	1.000	1.000	1.000	1.000			
12/31/2004	0.994	1.002	1.007	1.000	1.000	1.015	1.000	1.000			
12/31/2005	1.005	0.995	1.000	1.000	0.998	1.000	1.000	1.000			
12/31/2006	1.000	1.009	0.995	1.000	1.000	1.000	1.000	1.000			
12/31/2007	1.001	1.001	1.011								
12/31/2008	0.999	1.003									
12/31/2009	1.000										
3 Yr Mean	1.000	1.004	1.002	1.000	0.999	1.005	1.003	1.000			
Best 3/5	1.000	1.002	1.002	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					1.014	1.005	1.014	1.011	1.007	0.996	1.000
12/31/2018				1.041	1.014	1.005	1.014	1.011	1.007	0.996	1.000
12/31/2019			1.070	1.041	1.014	1.005	1.014	1.011	1.007	0.996	1.000
12/31/2020		1.212	1.070	1.041	1.014	1.005	1.014	1.011	1.007	0.996	1.000
12/31/2021	1.295	1.212	1.070	1.041	1.014	1.005	1.014	1.011	1.007	0.996	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	1.002	1.002	1.000	1.000	1.000	1.000	1.000	1.000	1.052	
12/31/2018	1.000	1.002	1.002	1.000	1.000	1.000	1.000	1.000	1.000	1.095	
12/31/2019	1.000	1.002	1.002	1.000	1.000	1.000	1.000	1.000	1.000	1.172	
12/31/2020	1.000	1.002	1.002	1.000	1.000	1.000	1.000	1.000	1.000	1.420	
12/31/2021	1.000	1.002	1.002	1.000	1.000	1.000	1.000	1.000	1.000	1.839	

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>
12/31/2002	2,880,178	5,306,499	7,484,633	9,673,172	10,518,010	12,500,239	12,514,369	12,698,657	12,898,457	13,552,372	13,649,712
12/31/2003	1,433,122	5,132,193	8,851,382	10,654,618	14,362,946	15,153,825	22,636,465	24,499,697	25,992,033	26,616,443	26,746,337
12/31/2004	1,799,246	4,490,797	9,862,264	12,702,305	15,147,576	16,371,153	16,866,898	17,203,355	17,623,782	18,214,768	18,189,111
12/31/2005	1,885,152	6,524,760	11,021,238	14,550,454	15,836,067	16,218,288	16,783,115	17,106,375	18,046,560	21,013,078	21,882,031
12/31/2006	2,156,261	5,845,597	10,661,806	18,246,141	20,813,850	21,567,454	23,358,205	22,466,585	22,511,079	22,637,685	22,829,950
12/31/2007	1,943,076	5,788,166	11,518,767	14,175,441	15,315,639	14,751,589	15,114,982	15,475,148	15,458,766	15,379,605	15,455,669
12/31/2008	2,255,980	6,801,185	10,062,807	12,437,312	14,123,166	14,586,396	15,340,085	16,070,634	16,514,064	16,743,378	16,685,429
12/31/2009	2,955,385	6,687,454	15,364,948	20,326,042	23,163,876	26,219,041	27,750,152	29,470,754	29,769,934	29,951,565	25,992,000
12/31/2010	2,593,118	9,009,483	12,743,332	15,228,386	16,648,074	17,817,125	18,837,055	19,558,958	20,334,158	20,689,738	26,730,656
12/31/2011	4,702,411	13,915,354	18,468,171	22,724,495	24,096,862	28,084,935	28,570,363	29,611,804	30,477,741	31,209,303	32,009,338
12/31/2012	2,419,084	5,533,419	9,502,432	12,265,298	18,889,696	19,069,838	20,987,525	21,883,456	22,236,558	22,350,726	
12/31/2013	2,940,864	7,284,888	12,354,456	16,657,203	21,388,287	22,500,941	26,834,530	29,652,886	29,980,404		
12/31/2014	4,121,362	9,139,334	14,151,972	18,415,503	21,518,213	25,575,757	26,522,425	26,690,475			
12/31/2015	3,519,177	9,714,944	15,971,285	20,955,760	25,597,052	25,674,479	27,085,380				
12/31/2016	5,192,328	8,759,638	11,655,381	13,726,032	14,891,429	15,911,692					
12/31/2017	4,974,931	12,333,882	18,394,829	23,572,980	25,474,627						
12/31/2018	3,336,806	8,262,270	11,970,169	15,232,302							
12/31/2019	1,977,974	5,390,083	9,462,647								
12/31/2020	2,841,910	6,269,584									
12/31/2021	3,878,711										

<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	13,693,902	13,765,108	13,870,908	13,854,560	13,857,100	14,009,514	14,009,514	14,031,915	14,072,095
12/31/2003	26,912,088	26,896,146	26,535,471	26,535,714	26,490,433	26,490,433	26,493,754	26,520,306	
12/31/2004	18,603,688	18,411,821	18,454,377	18,592,260	18,685,125	18,812,398	18,924,477		
12/31/2005	21,930,063	23,523,858	23,994,015	24,526,380	24,547,104	24,555,472			
12/31/2006	22,980,915	23,158,242	23,364,171	23,105,272	23,120,811				
12/31/2007	15,457,502	15,463,958	17,081,222	17,372,729					
12/31/2008	16,692,897	16,881,394	16,892,175						
12/31/2009	26,000,622	26,838,288							
12/31/2010	26,899,885								

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>
12/31/2002	2,426,321	2,178,134	2,188,539	844,838	1,982,229	14,130	184,288	199,800	653,915	97,340	44,190	71,206	105,800
12/31/2003	3,699,071	3,719,189	1,803,236	3,708,328	790,879	7,482,640	1,863,232	1,492,336	624,410	129,894	165,751	-15,942	-360,675
12/31/2004	2,691,551	5,371,467	2,840,041	2,445,271	1,223,577	495,745	336,457	420,427	590,986	-25,657	414,577	-191,867	42,556
12/31/2005	4,639,608	4,496,478	3,529,216	1,285,613	382,221	564,827	323,260	940,185	2,966,518	868,953	48,032	1,593,795	470,157
12/31/2006	3,689,336	4,816,209	7,584,335	2,567,709	753,604	1,790,751	-891,620	44,494	126,606	192,265	150,965	177,327	205,929
12/31/2007	3,845,090	5,730,601	2,656,674	1,140,198	-564,050	363,393	360,166	-16,382	-79,161	76,064	1,833	6,456	1,617,264
12/31/2008	4,545,205	3,261,622	2,374,505	1,685,854	463,230	753,689	730,549	443,430	229,314	-57,949	7,468	188,497	10,781
12/31/2009	3,732,069	8,677,494	4,961,094	2,837,834	3,055,165	1,531,111	1,720,602	299,180	181,631	-3,959,565	8,622	837,666	
12/31/2010	6,416,365	3,733,849	2,485,054	1,419,688	1,169,051	1,019,930	721,903	775,200	355,580	6,040,918	169,229		
12/31/2011	9,212,943	4,552,817	4,256,324	1,372,367	3,988,073	485,428	1,041,441	865,937	731,562	800,035			
12/31/2012	3,114,335	3,969,013	2,762,866	6,624,398	180,142	1,917,687	895,931	353,102	114,168				
12/31/2013	4,344,024	5,069,568	4,302,747	4,731,084	1,112,654	4,333,589	2,818,356	327,518					
12/31/2014	5,017,972	5,012,638	4,263,531	3,102,710	4,057,544	946,668	168,050						
12/31/2015	6,195,767	6,256,341	4,984,475	4,641,292	77,427	1,410,901							
12/31/2016	3,567,310	2,895,743	2,070,651	1,165,397	1,020,263								
12/31/2017	7,358,951	6,060,947	5,178,151	1,901,647									
12/31/2018	4,925,464	3,707,899	3,262,133										
12/31/2019	3,412,109	4,072,564											
12/31/2020	3,427,674												

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	0.1478	0.1327	0.1333	0.0515	0.1208	0.0009	0.0112	0.0122	0.0398	0.0059	0.0027	0.0043	0.0064
12/31/2003	0.2451	0.2465	0.1195	0.2457	0.0524	0.4959	0.1235	0.0989	0.0414	0.0086	0.0110	-0.0011	-0.0239
12/31/2004	0.1006	0.2007	0.1061	0.0914	0.0457	0.0185	0.0126	0.0157	0.0221	-0.0010	0.0155	-0.0072	0.0016
12/31/2005	0.1512	0.1465	0.1150	0.0419	0.0125	0.0184	0.0105	0.0306	0.0967	0.0283	0.0016	0.0519	0.0153
12/31/2006	0.1123	0.1466	0.2308	0.0781	0.0229	0.0545	-0.0271	0.0014	0.0039	0.0059	0.0046	0.0054	0.0063
12/31/2007	0.1316	0.1962	0.0909	0.0390	-0.0193	0.0124	0.0123	-0.0006	-0.0027	0.0026	0.0001	0.0002	0.0554
12/31/2008	0.1865	0.1338	0.0974	0.0692	0.0190	0.0309	0.0300	0.0182	0.0094	-0.0024	0.0003	0.0077	0.0004
12/31/2009	0.1374	0.3196	0.1827	0.1045	0.1125	0.0564	0.0634	0.0110	0.0067	-0.1458	0.0003	0.0308	
12/31/2010	0.2854	0.1661	0.1105	0.0631	0.0520	0.0454	0.0321	0.0345	0.0158	0.2687	0.0075		
12/31/2011	0.4237	0.2094	0.1957	0.0631	0.1834	0.0223	0.0479	0.0398	0.0336	0.0368			
12/31/2012	0.2128	0.2712	0.1888	0.4526	0.0123	0.1310	0.0612	0.0241	0.0078				
12/31/2013	0.1995	0.2329	0.1976	0.2173	0.0511	0.1991	0.1295	0.0150					
12/31/2014	0.1968	0.1966	0.1672	0.1217	0.1591	0.0371	0.0066						
12/31/2015	0.1839	0.1857	0.1479	0.1378	0.0023	0.0419							
12/31/2016	0.1304	0.1058	0.0757	0.0426	0.0373								
12/31/2017	0.2353	0.1938	0.1656	0.0608									
12/31/2018	0.1686	0.1269	0.1117										
12/31/2019	0.1130	0.1349											
12/31/2020	0.1301												

Best 3/5	0.1430	0.1492	0.1417	0.1068	0.0336	0.0700	0.0471	0.0245	0.0110	0.0123	0.0017	0.0146	0.0077
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* 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&T CLASS GROUPS 1-13 *</u>	<u>OL&T CLASS GROUP 16</u>	<u>PREMISES/ OPERATIONS</u>
	a) 7/1/2019 to 7/1/2024 AYE 12/31/2019	+ 4.2%	+ 3.9%	+ 2.6%	+ 4.6%	+ 2.1%
	b) 7/1/2020 to 7/1/2024 AYE 12/31/2020	+ 5.5%	+ 4.2%	+ 2.6%	+ 5.4%	+ 2.3%
	c) 7/1/2021 to 7/1/2024 AYE 12/31/2021	+ 5.3%	+ 4.2%	+ 2.6%	+ 5.5%	+ 2.3%

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)	+ 6.6%	+ 4.5%	- 2.3%	+ 6.5%	+ 6.7%	+ 1.4%
	Eight Year (16 Points)	+ 7.6%	+ 3.5%	- 2.2%	+ 7.4%	+ 7.7%	+ 4.6%
	Six Year (12 Points)	+ 9.7%	+ 4.2%	- 1.4%	+ 9.2%	+ 8.5%	+ 9.6%
	b) Selected	+ 6.5%	+ 4.5%	0.0%	+ 7.0%	+ 7.5%	+ 1.5%

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

(4)	<u>TOTAL ANNUAL NET TREND</u>	+ 0.3%	+ 5.5%
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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 12/31/2019, 12/31/2020 & 12/31/2021

(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	
		INDICES		INDICES				INDICES		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						MANUFACTURERS		CONTRACTORS			
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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PREMISES / OPERATIONS
OWNERS, LANDLORDS AND TENANTS
AVERAGE ANNUAL EXPOSURE TRENDS ¹

<u>TYPE OF CLASS</u>	<u>VOLUME</u> ²	<u>INFLATION TREND</u> ³
FURNITURE	10.8%	+ 3.2%
OTHER DURABLES	7.1%	- 0.1%
CLOTHING	10.5%	+ 0.4%
FOOD	41.0%	+ 3.8%
OTHER NON-DURABLES	27.5%	+ 2.2%
RECREATION SERVICES	3.1%	+ 3.3%
TOTAL	100.0%	+ 2.6% ⁴

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 12/31/2021. Inflation adjusted GDP is measured in terms of 2012 prices.

3 Inflation trends are based on average annual growth rates in consumption components starting 2018 to 2024.

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 ENDING QUARTER		FURNITURE	OTHER DURABLE GOODS	CLOTHING AND SHOES	FOOD AND BEVERAGES	OTHER NONDURABLE GOODS	RECREATION SERVICES	YEAR ENDING QUARTER		FURNITURE	OTHER DURABLE GOODS	CLOTHING AND SHOES	FOOD AND BEVERAGES	OTHER NONDURABLE GOODS	RECREATION SERVICES
2011	1	1.006	0.987	0.947	0.948	0.973	0.960	2018	1	0.868	0.885	0.991	1.078	1.052	1.114
	2	1.001	0.994	0.949	0.955	0.977	0.964		2	0.866	0.882	0.994	1.082	1.054	1.120
	3	1.000	1.002	0.955	0.965	0.981	0.968		3	0.864	0.879	0.993	1.086	1.055	1.126
	4	1.000	1.008	0.965	0.975	0.985	0.973		4	0.865	0.871	0.993	1.090	1.056	1.131
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	1.137
	2	1.001	1.009	0.988	0.991	0.993	0.986		2	0.869	0.857	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	0.843	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	0.942	1.123	1.071	1.171
	4	0.981	0.979	1.010	1.015	1.002	1.017		4	0.878	0.828	0.929	1.129	1.071	1.178
2014	1	0.972	0.970	1.010	1.018	1.004	1.022	2021	1	0.885	0.825	0.922	1.136	1.071	1.185
	2	0.962	0.959	1.012	1.024	1.006	1.028		2	0.896	0.828	0.930	1.145	1.072	1.194
	3	0.954	0.950	1.013	1.030	1.009	1.032		3	0.908	0.832	0.938	1.158	1.073	1.206
	4	0.947	0.940	1.013	1.038	1.013	1.036		4	0.924	0.838	0.948	1.176	1.077	1.219
2015	1	0.940	0.931	1.011	1.045	1.017	1.038	2022	1	0.950	0.844	0.961	1.198	1.086	1.236
	2	0.936	0.923	1.007	1.050	1.021	1.042		2	0.975	0.847	0.973	1.226	1.098	1.250
	3	0.930	0.914	1.004	1.054	1.023	1.047		3P	0.996	0.849	0.986	1.253	1.112	1.266
	4	0.924	0.906	1.001	1.058	1.025	1.052		4P	1.014	0.852	0.997	1.277	1.126	1.283
2016	1	0.920	0.902	0.999	1.061	1.028	1.058	2023	1P	1.023	0.854	1.001	1.297	1.138	1.298
	2	0.914	0.901	0.998	1.063	1.030	1.064		2P	1.029	0.856	1.005	1.310	1.147	1.312
	3	0.907	0.899	0.997	1.064	1.034	1.071		3P	1.035	0.858	1.007	1.319	1.156	1.324
	4	0.900	0.899	0.998	1.065	1.038	1.078		4P	1.040	0.860	1.009	1.327	1.164	1.334
2017	1	0.895	0.898	0.998	1.066	1.042	1.086	2024	1P	1.044	0.862	1.011	1.335	1.173	1.344
	2	0.888	0.894	0.997	1.068	1.046	1.092		2P	1.047	0.863	1.013	1.344	1.182	1.353
	3	0.882	0.890	0.995	1.071	1.048	1.100		3P	1.048	0.864	1.015	1.352	1.191	1.361
	4	0.875	0.887	0.992	1.075	1.050	1.108		4P	1.048	0.864	1.017	1.360	1.200	1.370

Change In Exposures *

Average Annual Trend Factor

7/1/2018 to 7/1/2024

(2024:4/2018:4)

1.211

0.992

1.024

1.248

1.136

1.212

7/1/2018 to 7/1/2024

(6.0 YEARS)

+ 3.2%

- 0.1%

+ 0.4%

+ 3.8%

+ 2.2%

+ 3.3%

*Assumes a loss cost revision date of July 1, 2023, and a prospective average date of coverage one year later (July 1, 2024).

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PREMISES/OPERATIONS
GOVERNMENTAL SUBDIVISIONS
OWNERS, LANDLORDS AND TENANTS
AVERAGE ANNUAL EXPOSURE TRENDS
FOR ACCIDENT YEARS ENDING 12/31/2019, 12/31/2020 & 12/31/2021

(1) YEAR ENDING QUARTER *		(2) YEARLY VALUES BASED ON MOODY'S ANALYTICS EXPOSURE HISTORY AND FORECASTS @	(1) YEAR ENDING QUARTER *		(2) YEARLY VALUES BASED ON MOODY'S ANALYTICS EXPOSURE HISTORY AND FORECASTS @
2011	1	0.954	2018	1	1.095
	2	0.962		2	1.107
	3	0.971		3	1.119
	4	0.977		4	1.130
2012	1	0.984	2019	1	1.136
	2	0.988		2	1.142
	3	0.992		3	1.146
	4	1.000		4	1.149
2013	1	1.007	2020	1	1.155
	2	1.016		2	1.158
	3	1.026		3	1.162
	4	1.033		4	1.167
2014	1	1.040	2021	1	1.174
	2	1.047		2	1.188
	3	1.053		3	1.205
	4	1.057		4	1.227
2015	1	1.057	2022	1	1.252
	2	1.058		2	1.284
	3	1.058		3P	1.316
	4	1.057		4P	1.346
2016	1	1.056	2023	1P	1.370
	2	1.055		2P	1.386
	3	1.055		3P	1.399
	4	1.057		4P	1.410
2017	1	1.064	2024	1P	1.419
	2	1.069		2P	1.427
	3	1.076		3P	1.434
	4	1.085		4P	1.442
CHANGE IN EXPOSURES			AVERAGE ANNUAL TREND FACTOR		
7/1/2019 to 7/1/2024	(2024:4/2019:4)	1.255	7/1/2019 to 7/1/2024	(5.0 YEARS)	1.046
7/1/2020 to 7/1/2024	(2024:4/2020:4)	1.235	7/1/2020 to 7/1/2024	(4.0 YEARS)	1.054
7/1/2021 to 7/1/2024	(2024:4/2021:4)	1.175	7/1/2021 to 7/1/2024	(3.0 YEARS)	1.055

* 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) Accident Year Ending	(2) Basic Limit Paid Losses *	(3) Occurrences at Ultimate	(4) (2) / (3) Actual Severity	(5) Exponential Curve of Best Fit to Col (4)		
				10 Year	8 Year	6 Year
6/30/2012	\$214,011,014	3,722	\$57,496	\$53,219		
12/31/2012	\$203,342,980	3,497	\$58,150	\$54,936		
6/30/2013	\$205,374,404	3,535	\$58,105	\$56,708		
12/31/2013	\$210,879,368	3,606	\$58,476	\$58,537		
6/30/2014	\$239,854,581	3,870	\$61,975	\$60,426	\$57,621	
12/31/2014	\$235,035,611	3,659	\$64,240	\$62,375	\$59,779	
6/30/2015	\$215,689,110	3,445	\$62,609	\$64,387	\$62,019	
12/31/2015	\$213,952,883	3,336	\$64,126	\$66,464	\$64,342	
6/30/2016	\$213,856,692	3,057	\$69,946	\$68,608	\$66,752	\$62,576
12/31/2016	\$217,567,795	3,094	\$70,322	\$70,822	\$69,253	\$65,537
6/30/2017	\$215,863,759	3,094	\$69,777	\$73,106	\$71,847	\$68,638
12/31/2017	\$218,191,072	3,056	\$71,405	\$75,465	\$74,538	\$71,886
6/30/2018	\$223,643,615	3,123	\$71,612	\$77,899	\$77,330	\$75,288
12/31/2018	\$223,146,144	3,043	\$73,328	\$80,412	\$80,227	\$78,851
6/30/2019	\$220,105,803	2,934	\$75,019	\$83,006	\$83,232	\$82,582
12/31/2019	\$216,896,571	2,879	\$75,347	\$85,684	\$86,350	\$86,490
6/30/2020	\$204,282,025	2,506	\$81,522	\$88,448	\$89,585	\$90,583
12/31/2020	\$210,410,982	2,236	\$94,114	\$91,302	\$92,941	\$94,869
6/30/2021	\$272,308,113	2,416	\$112,727	\$94,247	\$96,422	\$99,359
12/31/2021	\$286,104,572	2,361	\$121,171	\$97,287	\$100,034	\$104,060
Goodness of Fit Statistic, R-Squared:				0.773	0.754	0.751
Average Annual Severity Trend (10 yr)				+ 6.6%		
Average Annual Severity Trend (8 yr)				+ 7.6%		
Average Annual Severity Trend (6 yr)				+ 9.7%		
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) Accident Year Ending	(2) Basic Limit Paid Losses *	(3) Occurrences at Ultimate	(4) (2) / (3) Actual Severity	(5) Exponential Curve of Best Fit to Col (4)		
				10 Year	8 Year	6 Year
6/30/2012	\$161,476,199	15,137	\$10,667	\$11,973		
12/31/2012	\$169,477,958	14,261	\$11,884	\$12,238		
6/30/2013	\$172,337,748	13,596	\$12,676	\$12,509		
12/31/2013	\$161,437,986	12,760	\$12,652	\$12,786		
6/30/2014	\$171,809,953	12,470	\$13,778	\$13,070	\$13,660	
12/31/2014	\$172,731,343	12,362	\$13,972	\$13,359	\$13,897	
6/30/2015	\$174,933,663	12,053	\$14,513	\$13,655	\$14,138	
12/31/2015	\$176,827,817	12,029	\$14,700	\$13,957	\$14,383	
6/30/2016	\$176,029,100	12,110	\$14,536	\$14,267	\$14,633	\$14,300
12/31/2016	\$176,200,993	12,259	\$14,373	\$14,583	\$14,887	\$14,595
6/30/2017	\$177,285,074	12,261	\$14,460	\$14,906	\$15,145	\$14,897
12/31/2017	\$185,706,340	12,000	\$15,475	\$15,236	\$15,408	\$15,205
6/30/2018	\$188,846,963	11,960	\$15,790	\$15,573	\$15,675	\$15,519
12/31/2018	\$190,296,185	11,958	\$15,914	\$15,918	\$15,947	\$15,839
6/30/2019	\$187,601,410	11,810	\$15,886	\$16,271	\$16,224	\$16,167
12/31/2019	\$194,547,360	11,754	\$16,551	\$16,631	\$16,506	\$16,501
6/30/2020	\$186,296,641	10,814	\$17,227	\$17,000	\$16,792	\$16,842
12/31/2020	\$172,458,653	10,201	\$16,907	\$17,376	\$17,083	\$17,190
6/30/2021	\$179,848,844	10,340	\$17,393	\$17,761	\$17,380	\$17,545
12/31/2021	\$178,903,985	9,928	\$18,020	\$18,155	\$17,681	\$17,908

Goodness of Fit Statistic, R-Squared: 0.915 0.941 0.949

Average Annual Severity Trend (10 yr) + 4.5%

Average Annual Severity Trend (8 yr) + 3.5%

Average Annual Severity Trend (6 yr) + 4.2%

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) Accident Year Ending	(2) Basic Limit Paid Losses *	(3) Occurrences at Ultimate	(4) (2) / (3) Actual Severity	(5) Exponential Curve of Best Fit to Col (4)		
				10 Year	8 Year	6 Year
6/30/2012	\$17,501,339	468	\$37,376	\$42,378		
12/31/2012	\$15,926,716	446	\$35,738	\$41,892		
6/30/2013	\$18,474,236	416	\$44,377	\$41,411		
12/31/2013	\$25,598,597	460	\$55,692	\$40,935		
6/30/2014	\$23,145,565	501	\$46,157	\$40,466	\$40,089	
12/31/2014	\$18,520,864	492	\$37,614	\$40,001	\$39,648	
6/30/2015	\$20,262,049	508	\$39,885	\$39,542	\$39,212	
12/31/2015	\$18,861,424	523	\$36,083	\$39,088	\$38,780	
6/30/2016	\$21,610,869	510	\$42,378	\$38,640	\$38,353	\$37,446
12/31/2016	\$19,876,701	475	\$41,861	\$38,196	\$37,931	\$37,176
6/30/2017	\$18,793,472	513	\$36,663	\$37,758	\$37,513	\$36,909
12/31/2017	\$21,522,715	562	\$38,312	\$37,324	\$37,100	\$36,643
6/30/2018	\$20,247,259	567	\$35,705	\$36,896	\$36,692	\$36,380
12/31/2018	\$17,041,316	518	\$32,914	\$36,473	\$36,288	\$36,118
6/30/2019	\$13,078,163	450	\$29,079	\$36,054	\$35,889	\$35,858
12/31/2019	\$11,141,968	455	\$24,502	\$35,640	\$35,494	\$35,600
6/30/2020	\$16,686,031	472	\$35,376	\$35,231	\$35,103	\$35,344
12/31/2020	\$18,592,537	465	\$39,962	\$34,827	\$34,716	\$35,090
6/30/2021	\$21,320,447	541	\$39,440	\$34,427	\$34,334	\$34,838
12/31/2021	\$21,079,718	520	\$40,570	\$34,032	\$33,956	\$34,587
Goodness of Fit Statistic, R-Squared:				0.167	0.132	0.024
Average Annual Severity Trend (10 yr)				- 2.3%		
Average Annual Severity Trend (8 yr)				- 2.2%		
Average Annual Severity Trend (6 yr)				- 1.4%		
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) Accident Year Ending	(2) Basic Limit Paid Losses *	(3) Occurrences at Ultimate	(4) (2) / (3) Actual Severity	(5) Exponential Curve of Best Fit to Col (4)		
				10 Year	8 Year	6 Year
6/30/2012	\$520,005,260	15,006	\$34,653	\$32,382		
12/31/2012	\$496,209,090	14,348	\$34,584	\$33,417		
6/30/2013	\$530,592,060	15,118	\$35,096	\$34,485		
12/31/2013	\$583,249,864	16,144	\$36,127	\$35,587		
6/30/2014	\$650,357,808	17,459	\$37,252	\$36,724	\$35,282	
12/31/2014	\$635,281,828	16,684	\$38,078	\$37,898	\$36,564	
6/30/2015	\$630,363,121	16,168	\$38,987	\$39,109	\$37,892	
12/31/2015	\$643,906,673	16,077	\$40,051	\$40,359	\$39,268	
6/30/2016	\$619,814,838	14,847	\$41,747	\$41,648	\$40,694	\$38,393
12/31/2016	\$631,262,864	14,945	\$42,238	\$42,979	\$42,172	\$40,124
6/30/2017	\$658,493,136	15,623	\$42,150	\$44,353	\$43,704	\$41,932
12/31/2017	\$688,109,090	16,145	\$42,620	\$45,770	\$45,291	\$43,822
6/30/2018	\$732,548,065	16,669	\$43,948	\$47,233	\$46,936	\$45,797
12/31/2018	\$720,250,844	15,879	\$45,358	\$48,742	\$48,640	\$47,862
6/30/2019	\$699,856,427	14,995	\$46,673	\$50,300	\$50,407	\$50,019
12/31/2019	\$691,397,749	14,198	\$48,697	\$51,907	\$52,238	\$52,274
6/30/2020	\$564,765,843	10,631	\$53,123	\$53,566	\$54,135	\$54,630
12/31/2020	\$422,779,139	7,431	\$56,891	\$55,278	\$56,101	\$57,092
6/30/2021	\$494,563,855	7,708	\$64,163	\$57,044	\$58,138	\$59,666
12/31/2021	\$542,389,304	8,018	\$67,645	\$58,867	\$60,250	\$62,355

Goodness of Fit Statistic, R-Squared: 0.882 0.874 0.885

Average Annual Severity Trend (10 yr) + 6.5%

Average Annual Severity Trend (8 yr) + 7.4%

Average Annual Severity Trend (6 yr) + 9.2%

Selected Annual Severity Trend + 7.0%

* 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) Accident Year Ending	(2) Basic Limit Paid Losses *	(3) Occurrences at Ultimate	(4) (2) / (3) Actual Severity	(5) Exponential Curve of Best Fit to Col (4)		
				10 Year	8 Year	6 Year
6/30/2012	\$62,327,175	7,169	\$8,694	\$7,978		
12/31/2012	\$56,525,030	6,749	\$8,375	\$8,242		
6/30/2013	\$58,821,419	6,858	\$8,578	\$8,515		
12/31/2013	\$62,894,557	6,930	\$9,076	\$8,797		
6/30/2014	\$61,219,477	7,145	\$8,568	\$9,088	\$8,717	
12/31/2014	\$60,070,167	7,057	\$8,512	\$9,389	\$9,045	
6/30/2015	\$69,759,571	6,709	\$10,398	\$9,700	\$9,386	
12/31/2015	\$70,400,846	6,702	\$10,504	\$10,021	\$9,739	
6/30/2016	\$66,863,300	6,616	\$10,106	\$10,353	\$10,106	\$9,801
12/31/2016	\$71,108,643	6,727	\$10,570	\$10,695	\$10,486	\$10,211
6/30/2017	\$73,577,552	7,193	\$10,229	\$11,049	\$10,881	\$10,639
12/31/2017	\$79,717,972	7,256	\$10,986	\$11,415	\$11,291	\$11,084
6/30/2018	\$83,504,443	7,090	\$11,778	\$11,793	\$11,716	\$11,548
12/31/2018	\$78,473,354	6,839	\$11,474	\$12,183	\$12,157	\$12,031
6/30/2019	\$78,313,759	6,555	\$11,948	\$12,587	\$12,614	\$12,535
12/31/2019	\$80,926,825	6,296	\$12,854	\$13,003	\$13,089	\$13,060
6/30/2020	\$73,185,364	5,173	\$14,148	\$13,434	\$13,582	\$13,606
12/31/2020	\$67,253,851	4,569	\$14,719	\$13,879	\$14,093	\$14,176
6/30/2021	\$68,917,052	4,670	\$14,757	\$14,338	\$14,624	\$14,769
12/31/2021	\$65,871,007	4,286	\$15,367	\$14,813	\$15,174	\$15,388
Goodness of Fit Statistic, R-Squared:				0.939	0.939	0.956
Average Annual Severity Trend (10 yr)				+ 6.7%		
Average Annual Severity Trend (8 yr)				+ 7.7%		
Average Annual Severity Trend (6 yr)				+ 8.5%		
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
OWNERS, LANDLORDS AND TENANTS
Calculation of Annual Trend Factor
Based on Average Occurrence Severity
Full Coverage Occurrence Data
Monoline and Multiline Combined
Fringe

(1) Accident Year Ending	(2) Basic Limit Paid Losses *	(3) Occurrences at Ultimate	(4) (2) / (3) Actual Severity	(5) Exponential Curve of Best Fit to Col (4)		
				10 Year	8 Year	6 Year
6/30/2012	\$28,253,814	331	\$85,456	\$64,780		
12/31/2012	\$22,105,206	314	\$70,444	\$65,246		
6/30/2013	\$23,480,351	355	\$66,233	\$65,714		
12/31/2013	\$28,441,553	377	\$75,347	\$66,187		
6/30/2014	\$34,228,302	446	\$76,817	\$66,662	\$57,683	
12/31/2014	\$32,553,269	508	\$64,024	\$67,141	\$58,987	
6/30/2015	\$35,636,857	587	\$60,689	\$67,624	\$60,321	
12/31/2015	\$40,393,522	667	\$60,520	\$68,110	\$61,685	
6/30/2016	\$36,707,516	672	\$54,647	\$68,599	\$63,079	\$53,857
12/31/2016	\$31,974,717	635	\$50,369	\$69,092	\$64,506	\$56,376
6/30/2017	\$32,070,957	561	\$57,194	\$69,589	\$65,964	\$59,013
12/31/2017	\$40,507,699	529	\$76,591	\$70,089	\$67,455	\$61,773
6/30/2018	\$40,858,570	537	\$76,030	\$70,592	\$68,980	\$64,662
12/31/2018	\$32,976,712	520	\$63,424	\$71,100	\$70,540	\$67,686
6/30/2019	\$27,115,548	417	\$64,977	\$71,610	\$72,135	\$70,852
12/31/2019	\$25,860,860	420	\$61,535	\$72,125	\$73,766	\$74,166
6/30/2020	\$30,503,405	429	\$71,163	\$72,643	\$75,433	\$77,635
12/31/2020	\$29,504,966	343	\$86,145	\$73,165	\$77,139	\$81,266
6/30/2021	\$29,431,399	310	\$94,853	\$73,691	\$78,883	\$85,067
12/31/2021	\$25,176,836	280	\$89,994	\$74,221	\$80,666	\$89,045

Goodness of Fit Statistic, R-Squared: 0.075 0.382 0.665

Average Annual Severity Trend (10 yr) + 1.4%

Average Annual Severity Trend (8 yr) + 4.6%

Average Annual Severity Trend (6 yr) + 9.6%

Selected Annual Severity Trend + 1.5%

* 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 OCCURRENCES¹
MULTISTATE

Manual Classes (Full and Deductible Coverage)
Monoline and Multiline Combined
CGL Policies Only

Bodily Injury and Property Damage Combined

(1) Accident Year Ending	(2) Aggregate Loss Costs at Current Level	(3) Occurrences at Ultimate ¹	(4) Occurrence Frequency <u>(3) / (2) ²</u>
12/31/2008	\$ 896,328,641	28,968	32.32
12/31/2009	\$ 819,612,500	27,164	33.14
12/31/2010	\$ 814,734,865	29,183	35.82
12/31/2011	\$ 833,803,419	27,680	33.20
12/31/2012	\$ 825,370,933	26,427	32.02
12/31/2013	\$ 862,799,484	26,095	30.24
12/31/2014	\$ 901,609,309	27,568	30.58
12/31/2015	\$ 929,078,728	27,315	29.40
12/31/2016	\$ 943,132,781	27,613	29.28
12/31/2017	\$ 967,249,140	27,984	28.93
12/31/2018	\$ 982,988,170	28,371	28.86
12/31/2019	\$ 999,336,266	26,402	26.42
12/31/2020	\$ 990,790,362	22,057	22.26
12/31/2021	\$ 972,174,772	22,470	23.11

Selected Annual Frequency Trend: - 0.5%

¹ Occurrences are based on reported paid amounts developed to ultimate using paid development factors.

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

PREMISES/OPERATIONS
OWNERS, LANDLORDS AND TENANTS

FREQUENCY TREND INCLUDING FRINGE OCCURRENCES¹
MULTISTATE

Manual Classes (Full and Deductible Coverage)
Monoline and Multiline Combined
CGL Policies Only

Bodily Injury and Property Damage Combined

(1) Accident Year <u>Ending</u>	(2) Aggregate Loss Costs at <u>Current Level</u>	(3) Occurrences at Ultimate ¹	(4) Occurrence Frequency <u>(3) / (2)²</u>
12/31/2008	\$ 1,260,887,407	31,925	25.32
12/31/2009	\$ 1,334,518,842	30,730	23.03
12/31/2010	\$ 1,397,382,448	31,622	22.63
12/31/2011	\$ 1,400,083,390	29,643	21.17
12/31/2012	\$ 1,407,206,982	25,868	18.38
12/31/2013	\$ 1,401,238,870	27,827	19.86
12/31/2014	\$ 1,455,468,396	28,634	19.67
12/31/2015	\$ 1,551,012,254	29,093	18.76
12/31/2016	\$ 1,567,311,092	27,928	17.82
12/31/2017	\$ 1,592,306,768	30,238	18.99
12/31/2018	\$ 1,573,376,981	29,784	18.93
12/31/2019	\$ 1,522,830,992	27,334	17.95
12/31/2020	\$ 1,399,748,785	17,151	12.25
12/31/2021	\$ 1,356,776,311	17,757	13.09

Selected Annual Frequency Trend: - 0.5%

¹ Occurrences are based on reported paid amounts developed to ultimate using paid development factors.

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

PREMISES/OPERATIONS (SUBLINE CODE 334)

CLASS GROUPS AND DIFFERENTIALS

*Base Class

<u>CLASS GROUP 01</u>		<u>CLASS GROUP 03</u>					
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
<u>CLASS GROUP 02</u>		10204	0.43	14734	0.51	48808	3.10
16900	1.95	10205	0.48	14913	0.64	49111	4.74
16901	1.25	10210	0.77	15314	0.41		
16902	1.06	10211	0.77	15538	0.73	<u>CLASS GROUP 04</u>	
16905	2.05	10220	9.04	15600	1.84	10133	12.18
16906	1.31	10309	0.31	15608	0.41	11052	12.67
16910	1.17	10315	0.73	15656	12.11	11167	2.92
16911	1.06	11020	0.58	15839	0.55	11168	15.14
16915	1.20	11126	0.12	15991	0.45	14731	12.57
16916	1.00 *	11155	0.41	15993	0.38	14732	0.93
16920	2.66	11204	0.60	16402	2.72	15123	12.15
16921	2.43	11234	0.54	16403	1.72	15124	4.25
16930	1.53	11273	26.77	16404	2.17	19007	4.75
16931	1.65	11274	25.69	16676	0.57	19051	10.53
16940	3.32	12356	2.27	16750	0.20	44009	14.81
16941	1.33	12374	1.18	16751	0.20	49617	1.00 *
		12375	0.58	16881	3.13	49618	0.84
		12393	0.77	18109	0.75	49619	1.58
				18110	0.60	49763	10.26
				18206	0.97		

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>		10110	10.04	44071	1.68	44439	916.25
10010	1.59	10117	2.93	44072	1.16	44440	758.14
10011	0.38	10120	6.57	44311	3.08	46112	1.00 *
10012	0.44	10331	4.00	44315	2.07	<u>CLASS GROUP 09</u>	
10025	0.38	10332	6.90	46911	9.44	45190	1.00 *
10027	0.38	10378	4.05	46912	17.29	45191	0.71
10040	1.21	10379	1.88	47318	3.88	45192	0.83
10070	0.91	10380	3.21	47420	0.85	45193	0.49
10111	1.99	10381	2.78	48206	12.62	45210	0.62
11127	5.07	11138	1.00 *	48441	0.053	46202	1.27
11128	6.84	16670	1.66	48557	5.30	64074	7.06
11203	11.79	40045	91.94	48558	4.61	64075	4.97
12362	1.00 *	40046	18.17	48637	4.05		
12373	0.38	40047	6.48	48638	2.01		
12391	0.75	40059	2.32	48925	96.91		
12707	6.56	40061	1.23	49870	40.51		
12797	1.38	40063	41.16	63217	18.47		
13715	1.00	40064	12.10	63218	6.22		
13930	2.13	40111	3.26	<u>CLASS GROUP 08</u>			
14527	4.07	41001	0.11	40101	254.14		
16005	0.53	41664	13.92	40102	224.55		
16501	1.12	41665	1.63	44427	918.85		
16527	1.72	41667	38.05	44428	924.07		
		41668	35.67	44429	13.85		

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

@ 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						CLASS GROUP 16		
10020	(a)	40140	(a)	46882	(a)	44100	0.96	
10119	(a)	41210	(a)	46913	(a)	44101	1.00	*
10135	(a)	41666	(a)	46914	(a)	44102	0.78	
10375	(a)	41672	(a)	46915	(a)	44103	0.69	
11101	(a)	41673	(a)	46916	(a)	44104	0.29	
11120	(a)	41700	(a)	47051	(a)	44108	0.34	
11160	(a)	43007	(a)	47052	(a)	44109	0.86	
13208	(a)	43117	(a)	47103	(a)	44110	0.88	
13461	(a)	43215	(a)	47146	(a)	44111	0.54	
15119	(a)	43424	(a)	47147	(a)	44112	0.32	
15120	(a)	43517	(a)	47253	(a)			
15300	(a)	43754	(a)	47254	(a)			
16722	(a)	43945	(a)	47468	(a)			
16723	(a)	43946	(a)	47600	(a)			
18200	(a)	43990	(a)	47610	(a)			
18991	(a)	43991	(a)	48177	(a)			
19061	(a)	44105	(a)	48178	(a)			
40005	(a)	44106	(a)	48252	(a)			
40006	(a)	44113	(a)	48610	(a)			
40010	(a)	44193	(a)	48727	(a)			
40015	(a)	44194	(a)	48924	(a)			
40020	(a)	44222	(a)	49305	(a)			
40026	(a)	44500	(a)	49451	(a)			
40031	(a)	44501	(a)	49452	(a)			
40032	(a)	45224	(a)	49800	(a)			
40040	(a)	45225	(a)	49890	(a)			
40041	(a)	45523	(a)	49891	(a)			
40042	(a)	45524	(a)	49902	(a)			
40066	(a)	45539	(a)	49903	(a)			
40067	(a)	45993	(a)	63219	(a)			
40069	(a)	46510	(a)	63220	(a)			
40072	(a)	46590	(a)	64500	(a)			
40115	(a)	46671	(a)	97501	(a)			
40117	(a)	46773	(a)	97502	(a)			
		46822	(a)	97503	(a)			
		46881	(a)	97504	(a)			

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						CLASS GROUP 34	
(cont'd)							
98423	2.57	99321	6.22	96317	0.29		
98424	4.36	99613	5.51	96872	1.03		
98425	1.79	99620	0.30	97220	0.075	10036	2.70
98426	1.58	99718	0.88	97308	0.14	10073	4.20
98427	1.54	99746	1.49	97447	0.46	10075	31.17
98449	2.21	99760	0.17	97651	1.36	10107	12.84
98482	2.37	99793	1.89	97652	1.18	10255	1.00
98483	3.50	99827	0.27	97655	1.05	10256	3.66
98502	3.35	99851	1.10	98002	0.19	10257	0.69
98555	1.56	99917	1.78	98152	0.64	11039	3.65
98597	0.35	99938	2.00	98153	0.72	11248	0.19
98598	0.12	99943	5.80	98154	0.85	12014	0.41
98601	4.01	99946	4.32	98155	1.19	12509	0.25
98624	0.63	99963	0.43	98157	0.76	12510	3.17
98640	69.14	CLASS GROUP 33		98159	0.51	12583	1.41
98677	10.90	91130	0.28	98160	1.08	12651	4.11
98678	9.68	91135	0.08	98161	1.21	12683	1.88
98699	3.15	91200	0.16	98163	1.27	13201	3.63
98710	2.19	91265	3.42	98303	2.39	13204	4.11
98805	2.86	91266	1.81	98309	1.20	13205	1.58
98820	5.46	91560	1.00	98429	0.25	13410	5.75
98884	1.42	91580	1.32	98658	1.23	13412	1.94
98967	2.23	91606	2.74	98659	0.22	13453	2.24
99003	1.06	91629	0.56	98705	1.74	13454	2.62
99080	0.75	91636	0.96	98751	0.93	13455	2.66
99111	1.09	91641	0.26	98914	0.15	13590	1.98
99163	2.60	91722	0.84	98949	0.21	13621	0.50
99165	0.57	92445	0.55	99220	0.33	14279	1.91
99223	0.16	92663	0.13	99222	0.62	14855	0.88
99303	8.72	95306	1.10	99471	0.15	15062	0.79
99310	2.18	95357	0.28	99969	0.60	15063	0.92
99315	6.41	95455	1.16	99988	0.53	15188	1.39
		95505	0.54			15404	0.36
						15405	0.53

PREMISES/OPERATIONS (SUBLINE CODE 334)

CLASS GROUPS AND DIFFERENTIALS

*Base Class

CLASS GROUP 34
(cont'd)

15406	1.35
15488	3.37
15733	0.88
16009	1.08
16588	0.50
16604	0.84
16694	1.66
16819	4.78
16820	3.70
16890	0.56
16891	0.61
16892	1.11
18506	1.76
18616	1.34
45380	1.03
45771	1.57
45819	0.51
49239	0.77
51315	0.50
51357	0.71
51358	1.71
51359	1.50
59925	1.54
59926	1.31
59927	0.88

CLASS GROUP 35

51300	0.91
51305	0.91
51350	1.53
51351	1.37
51352	1.88
51355	1.28
51356	1.38
51575	0.41
51666	0.65
51767	0.19
51777	0.66
51790	1.10
51833	0.99
51900	0.74
52315	0.86
52744	3.79
53374	1.00 *
53375	0.53
53376	0.85
53377	0.87
53403	0.55
53565	0.64
55371	2.55
55802	0.66
56488	1.10
56690	0.57
57403	1.35
58020	1.45
58713	0.42
59188	2.88
59189	3.95
59482	3.00
59647	1.34

59773	0.17
59774	0.14
59775	0.18
59889	0.56

CLASS GROUP 36

50010	5.03
50012	1.86
50015	3.27
50017	2.49
50019	1.33
50045	5.69
50047	0.64
51201	0.86
51205	2.62
51206	0.41
51240	10.34
51241	30.72
51251	0.89
51252	3.12
51253	2.66
51254	0.83
51340	0.85
51370	10.10
51380	1.01
51500	1.91
51550	2.36
51551	0.82
51552	1.42
51553	2.53
51554	0.24
51576	4.54
51600	3.09
51613	2.04

51741	5.38
51752	4.54
51796	1.96
51808	6.97
51809	8.65
51869	2.31
51877	13.01
51889	2.14
51896	1.00 *
51919	2.16
51926	2.20
51927	1.19
51934	2.41
51941	2.19
51942	3.50
51956	9.45
51957	8.33
51958	7.40
51959	7.58
51960	1.00
51970	4.35
51982	1.28
51986	5.03
51999	2.12
52002	1.86
52109	0.47
52134	6.23
52150	11.47
52402	0.47
52432	2.33
52433	2.13
52435	2.67
52438	1.93
52440	3.03
52467	2.80

PREMISES/OPERATIONS (SUBLINE CODE 334)

CLASS GROUPS AND DIFFERENTIALS

*Base Class

<u>CLASS GROUP 36</u>	56041	1.78	58058	2.38	59725	1.87
(cont'd)	56042	2.24	58095	3.35	59726	1.36
52469 0.98	56202	1.78	58096	4.45	59738	4.34
52505 4.88	56390	3.11	58302	1.20	59790	3.35
52581 23.79	56391	2.67	58397	6.97	59867	3.77
52619 1.67	56427	4.30	58503	1.86	59886	0.51
52911 1.33	56699	1.98	58532	2.40	59905	2.36
52967 0.50	56758	1.68	58559	0.49	59914	13.86
53001 4.89	56759	1.72	58560	1.18	59923	0.34
53077 2.35	56760	2.47	58575	1.52	59931	6.23
53095 1.61	56805	3.25	58627	4.88	59932	6.71
53096 2.24	56806	2.30	58682	4.34	59941	2.09
53121 6.37	56807	2.28	58737	3.15	59955	0.80
53271 1.20	56808	2.98	58757	10.62	59963	5.95
53631 0.74	56900	2.86	58759	1.31	59964	13.94
53632 0.85	56910	1.43	58802	1.49	59973	3.84
53731 0.78	56980	2.48	58822	4.10	59984	1.05
53732 5.32	57001	0.85	58903	0.94	59985	4.11
53733 3.46	57002	0.55	58904	0.72	59986	3.14
53907 2.34	57202	2.20	59005	1.78	59989	0.55
54077 3.20	57257	2.73	59057	13.18		
55010 9.66	57401	1.55	59058	8.53		
55011 2.61	57410	0.75	59257	0.48		
55012 3.11	57572	0.44	59306	3.01		
55214 2.52	57600	1.31	59481	8.09		
55597 0.63	57625	11.52	59601	3.05		
55647 1.26	57651	1.40	59660	5.61		
55648 0.57	57798	0.71	59661	2.75		
55649 0.68	57800	2.65	59693	0.46		
55715 5.00	57913	3.43	59701	0.22		
55716 7.23	57998	1.52	59713	5.02		
55918 2.86	58010	3.53	59722	2.60		
55919 0.39	58056	4.21	59723	0.98		
56040 0.27	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	(a)	98162	(a)
10367	3.88	47367	0.25	(a)	98428	(a)
10368	5.67	49005	0.17	(a)	98430	(a)
11007	1.65	49840	1.03	(a)	98622	(a)
11201	14.44	51516	0.075	(a)	98623	(a)
11202	4.27	51517	0.085	(a)	98698	(a)
11206	0.67	51985	0.070	(a)	98871	(a)
11207	8.46	52660	0.089	(a)	99081	(a)
11208	1.45	53734	0.45	(a)	99082	(a)
11209	6.81	54012	0.045	(a)	99083	(a)
11210	2.90	57997	0.10	(a)	99084	(a)
11211	15.07	58408	0.059	(a)	99085	(a)
11212	2.28	58409	0.075	(a)	99160	(a)
11213	1.86	58456	0.040	(a)	99221	(a)
11214	4.58	58457	0.058	(a)	99445	(a)
11222	0.077	58458	0.075	(a)	99798	(a)
14405	0.97	58459	0.09	(a)	99803	(a)
15070	0.13	<u>CLASS GROUP 39</u>	91587	(a)	99986	(a)
15607	0.17	11205	(a)	91588	99987	(a)
15699	0.42	13206	(a)	91589		
16471	0.24	13207	(a)	91591		
41620	1.21	13411	(a)	91618		
41677	0.25	15060	(a)	94444		
41696	0.79	15061	(a)	94638		
41697	0.55	18575	(a)	95358		
43470	4.60	41675	(a)	95630		
43822	3.66	41679	(a)	95648		
43840	0.045	44010	(a)	96703		
43860	2.88	51211	(a)	96930		
43889	1.03	52876	(a)	97002		
44280	0.25	53901	(a)	97003		
45678	0.27	53902	(a)	97221		
		53903	(a)	98150		
		53904	(a)	98151		
				98156		

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

		\$100,000						TRENDED \$100,000
TYPE OF	ACCIDENT	BASIC LIMIT		EXPOSURE				BASIC LIMIT
<u>POLICY</u>	<u>YEAR</u>	AGGREGATE LOSS COSTS		DEVELOPMENT		EXPOSURE	AVERAGE	AGGREGATE LOSS COSTS
	<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>				<u>TREND #</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

REPORT TYPE	LOSS DESCRIPTION	ACCIDENT YEAR ENDING	\$100,000 BASIC LIMIT LOSSES AND ALAE *	X	\$100,000	X	UNALLOCATED			SEVERITY	FREQUENCY	=	\$100,000
					BASIC LIMIT		LOSS		BASIC LIMIT				
					INDEMNITY DEVELOPMENT FACTOR		ADJUSTMENT FACTOR	TREND	DEVELOPED & TRENDED LOSSES 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	X	\$100,000	X	UNALLOCATED LOSS ADJUSTMENT	X	SEVERITY TREND	X	FREQUENCY TREND	=	\$100,000
			BASIC LIMIT LOSSES AND ALAE *		BASIC LIMIT INDEMNITY DEVELOPMENT FACTOR								BASIC LIMIT DEVELOPED & TRENDED LOSSES 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 Policy (B)</u>	<u>Description</u>	<u>Implicit Package 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 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 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 Year Ending	Exposure Development From			Factor
	27:15	39:27	ULT:39	
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 :											
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	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										

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	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	1.000			
12/31/2004	0.992	1.013	1.004	0.992	0.998	1.001	1.000	1.000			
12/31/2005	1.001	1.000	0.996	1.003	1.002	1.000	1.000	1.000			
12/31/2006	1.013	0.993	1.000	1.001	1.005	1.000	1.000	1.000			
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	1.000	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					1.003	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/Ult</u>	FACTORS	
12/31/2017	1.005	1.005	1.002	1.005	1.000	1.000	1.000	1.000	1.001	1.042	
12/31/2018	1.005	1.005	1.002	1.005	1.000	1.000	1.000	1.000	1.001	1.044	
12/31/2019	1.005	1.005	1.002	1.005	1.000	1.000	1.000	1.000	1.001	1.141	
12/31/2020	1.005	1.005	1.002	1.005	1.000	1.000	1.000	1.000	1.001	1.517	
12/31/2021	1.005	1.005	1.002	1.005	1.000	1.000	1.000	1.000	1.001	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											
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	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
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	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	1.000			
12/31/2004	1.002	1.000	1.000	1.001	1.002	0.999	1.000	1.000			
12/31/2005	1.000	1.000	1.000	1.000	1.000	1.001	1.000	1.000			
12/31/2006	1.000	1.000	1.000	1.000	1.000	1.001	1.000	1.000			
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	1.001	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					0.997	1.012	0.962	1.023	0.998	1.000	1.001
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
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	1.000	1.000	1.000	1.000	1.001	1.000	1.000	1.000	1.000		0.993
12/31/2018	1.000	1.000	1.000	1.000	1.001	1.000	1.000	1.000	1.000		0.999
12/31/2019	1.000	1.000	1.000	1.000	1.001	1.000	1.000	1.000	1.000		1.115
12/31/2020	1.000	1.000	1.000	1.000	1.001	1.000	1.000	1.000	1.000		1.381
12/31/2021	1.000	1.000	1.000	1.000	1.001	1.000	1.000	1.000	1.000		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:												
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	1,250,331	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											

A.Y.E.	147 Months	159 Months	171 Months	183 Months	195 Months	207 Months	219 Months	231 Months	243 Months
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

Multistate

Bodily Injury - Occurrence

Incurred Accident Year Incremental ALAE Development

A.Y.E.	Increments												
	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												

A.Y.E.	Incremental Percentages												
	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
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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	1.001
12/31/2003	1.007	1.001	1.003	1.002	1.000	1.001	1.001
12/31/2004	1.015	0.994	1.009	1.002	1.003	1.001	1.001
12/31/2005	1.005	1.005	1.003	1.005	1.003	1.001	1.001
12/31/2006	1.005	1.004	1.001	1.005	1.003	1.001	1.001
12/31/2007	0.996						
Best 3/5	1.006	1.002	1.005	1.004	1.002	1.001	1.001
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 ALAE as of <u>3/31/2022</u>	\$500,000 <u>Ultimate Indemnity</u>	ALAE <u>Factor</u>	Additional <u>ALAE</u>	ALAE at <u>171 Months</u>	171-Ultimate <u>Factor</u>	Ultimate <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 :											
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	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										

A.Y.E	147 Months	159 Months	171 Months	183 Months	195 Months	207 Months	219 Months	231 Months	243 Months
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.	<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	1.578	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.	<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	1.002	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	1.001			
12/31/2004	0.994	1.010	0.985	0.997	1.000	0.999	1.001	1.001			
12/31/2005	0.994	1.018	0.988	1.001	1.004	0.999	1.001	1.001			
12/31/2006	1.019	0.998	0.998	1.003	1.000	1.001	1.001	1.001			
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	<i>1.002</i>	<i>1.000</i>	<i>1.002</i>	<i>1.003</i>			
Best 3/5	1.001	1.003	0.995	1.000	1.001	1.001	1.001	1.001			
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					1.012	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	<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	1.001	1.003	0.995	1.000	1.001	1.001	1.001	1.001	1.003	1.076	
12/31/2018	1.001	1.003	0.995	1.000	1.001	1.001	1.001	1.001	1.003	1.097	
12/31/2019	1.001	1.003	0.995	1.000	1.001	1.001	1.001	1.001	1.003	1.152	
12/31/2020	1.001	1.003	0.995	1.000	1.001	1.001	1.001	1.001	1.003	1.220	
12/31/2021	1.001	1.003	0.995	1.000	1.001	1.001	1.001	1.001	1.003	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.	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	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.	147 Months	159 Months	171 Months	183 Months	195 Months	207 Months	219 Months	231 Months	243 Months		
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										
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	1.665	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	0.965	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
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	0.988	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	1.000			
12/31/2004	1.046	0.996	1.000	1.007	1.006	0.999	1.000	1.000			
12/31/2005	1.016	1.006	0.984	1.000	1.000	1.000	1.000	1.000			
12/31/2006	0.996	0.976	1.000	1.000	1.000	1.000	1.000	1.000			
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	1.000	1.000	1.000	1.000			
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					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
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>		<u>FACTORS</u>
12/31/2017	1.000	0.999	1.000	1.000	1.000	1.000	1.000	1.000	1.000		1.044
12/31/2018	1.000	0.999	1.000	1.000	1.000	1.000	1.000	1.000	1.000		1.086
12/31/2019	1.000	0.999	1.000	1.000	1.000	1.000	1.000	1.000	1.000		1.138
12/31/2020	1.000	0.999	1.000	1.000	1.000	1.000	1.000	1.000	1.000		1.266
12/31/2021	1.000	0.999	1.000	1.000	1.000	1.000	1.000	1.000	1.000		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:												
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	1,027,253	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											

A.Y.E.	147 Months	159 Months	171 Months	183 Months	195 Months	207 Months	219 Months	231 Months	243 Months
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

Multistate

Property Damage - Occurrence

Incurred Accident Year Incremental ALAE Development

A.Y.E.	Increments												
	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												

A.Y.E.	Incremental Percentages												
	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
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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	1.000
12/31/2003	1.002	0.996	1.001	1.001	1.001	1.000	1.000
12/31/2004	1.006	1.002	1.000	1.000	1.000	1.000	1.000
12/31/2005	0.993	1.000	1.001	1.000	1.000	1.000	1.000
12/31/2006	1.006	1.004	1.000	1.000	1.000	1.000	1.000
12/31/2007	1.010						
Best 3/5	1.005	1.001	1.000	1.000	1.000	1.000	1.000
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

<u>A.Y.E.</u>	<u>Reported ALAE as of 3/31/2022</u>	<u>\$500,000 Ultimate Indemnity</u>	<u>ALAE Factor</u>	<u>Additional ALAE</u>	<u>ALAE at 171 Months</u>	<u>171-Ultimate Factor</u>	<u>Ultimate 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

* 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) Accident Year Ending	(2) Basic Limit Paid Losses *	(3) Paid Occurrences	(4) (2)/(3) Actual Severity	(5) Exponential Curve of 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) Accident Year Ending	(2) Basic Limit Paid Losses *	(3) Paid Occurrences	(4) (2)/(3) Actual Severity	(5) Exponential Curve of 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) Accident Year Ending	(2) Aggregate Loss Costs at Current Level	(3) Occurrences at Ultimate ¹	(4) Occurrence Frequency <u>(3) / (2)</u> ²
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%

¹ Occurrences are based on reported paid amounts developed to ultimate using paid development factors.

² 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	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)
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
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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	5 YEAR						PRESENT	PROPOSED	STATE-	PRESENT STATEWIDE OCCUR (11)	PROPOSED STATEWIDE OCCUR (12)	
	AYE 2021 MONO/MULTI	5 YEAR MONO/MULTI	MONO/MULTI EXPERIENCE	CRED. (4)	FORMULA ER (5)	INDEX (6)	CHANGE FACTOR (7)	MULTI- STATE OCCUR (8)	MULTI- STATE OCCUR (9)			WIDE % CHANGE (10)
	ALCCL (1)	ALCCL (2)	RATIO (3)		ER (5)	INDEX (6)	CHANGE FACTOR (7)	MULTI- STATE OCCUR (8)	MULTI- STATE OCCUR (9)			WIDE % CHANGE (10)
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

X-TILDE: 0.803 X-TILDE (MONOLINE): 0.810 PI-TILDE 0.0039008
 TAU SQUARE: 0.07055 SIGMA SQUARED: 323455.712

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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	5 YEAR						PRESENT	PROPOSED	STATE-	PRESENT	PROPOSED			
	AYE 2021	5 YEAR	MONO/MULTI	CRED.	FORMULA	INDEX	CHANGE	MULTI- STATE	MULTI- STATE			WIDE %	STATEWIDE	STATEWIDE
	MONO/MULTI	MONO/MULTI	EXPERIENCE											
	ALCCL	ALCCL	RATIO		ER		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
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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	RATIO					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

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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 MONO/MULTI EXPERIENCE	CRED. (4)	FORMULA (5)	INDEX (6)	CHANGE FACTOR (7)	PRESENT	PROPOSED	STATE-	PRESENT STATEWIDE OCCUR (11)	PROPOSED STATEWIDE OCCUR (12)
	AYE 2021	5 YEAR						MULTI-	MULTI-	WIDE		
	MONO/MULTI ALCCL (1)	MONO/MULTI ALCCL (2)						STATE OCCUR (8)	STATE OCCUR (9)	% CHANGE (10)		
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
TAU SQUARE: 0.03000

X-TILDE (MONOLINE): 0.863
SIGMA SQUARED: 241544.847

PI-TILDE 0.0071632

L - CAPPED DOWN
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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.	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)
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	5 YEAR		MONO/MULTI EXPERIENCE	CRED. (4)	ER (5)	INDEX (6)	CHANGE FACTOR (7)	PRESENT	PROPOSED	STATE-	PRESENT STATEWIDE	PROPOSED STATEWIDE
	AYE 2021	5 YEAR						MULTI-	MULTI-	WIDE		
	MONO/MULTI ALCCL (1)	MONO/MULTI ALCCL (2)						STATE OCCUR (8)	STATE OCCUR (9)	% CHANGE (10)		
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

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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.	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)
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

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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 X-TILDE (MONOLINE): 0.864 PI-TILDE 0.0016779
 TAU SQUARE: 0.03000 SIGMA SQUARED: 326430.920

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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		CRED.	ER	INDEX	CHANGE FACTOR	PRESENT	PROPOSED	STATE-	PRESENT	PROPOSED
	MONO/MULTI	ALCCL	MONO/MULTI	EXPERIENCE					MULTI-STATE	MULTI-STATE	WIDE %	STATEWIDE	STATEWIDE
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
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
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MULTISTATE
LOCAL PRODUCTS/COMPLETED OPERATIONS
CALCULATION OF AGGREGATE LOSS COSTS
AT CURRENT LEVEL
COMBINED SINGLE LIMIT

		\$100,000						TRENDED \$100,000
TYPE OF	ACCIDENT	BASIC LIMIT		EXPOSURE				BASIC LIMIT
<u>POLICY</u>	<u>YEAR</u>	AGGREGATE LOSS COSTS		DEVELOPMENT		EXPOSURE	AVERAGE	AGGREGATE LOSS COSTS
	<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>						<u>AT CURRENT LEVEL</u>
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

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	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 AND ALAE *	BASIC LIMIT INDEMNITY DEVELOPMENT FACTOR #	LOSS ADJUSTMENT FACTOR	BASIC LIMIT DEVELOPED & TRENDED LOSSES AND ALAE				
			X	X	X	X				
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.

Arizona

Local Products / Completed Operations

Subline Code 336

Combined Single Limit

Implicit Package Modification Factors (A) by Type of Policy

<u>Type of Policy (B)</u>	<u>Description</u>	<u>Implicit Package Modification Factors</u>
31	Not Applicable	--
32	Not Applicable	--
33	Not Applicable	--
34	Mercantile Policy	1.118
35	Not Applicable	--
36	Service Policy	1.019
37	Industrial / Processing Policy	0.688
38	Contractors Policy	0.954

(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.

ARIZONA

LOCAL PRODUCTS/COMPLETED OPERATIONS

FULL & DEDUCTIBLE COMBINED
TOTAL LIMITS PREMIUM

CALCULATION OF EXPOSURE DEVELOPMENT FACTORS

(1) Evaluation Period	(2) Multistate Ratio (a)	(3) State Ratio (b)	(4) Credibility (c)	(5) Weighted Ratio (d)	(6) Credibility Constant (Ki)
15 to 27 Months	1.020	1.029	0.9522	1.029	2,600,000
27 to 39 Months	1.000	1.000	0.6337	1.000	29,000,000
Accident Year Ending	Exposure Development From				
	<u>27:15</u>	<u>39:27</u>	<u>ULT:39</u>		<u>Factor</u>
12/31/2019			1.000		1.000
12/31/2020		1.000	1.000		1.000
12/31/2021	1.029	1.000	1.000		1.029

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

ARIZONA
LOCAL PRODUCTS/COMPLETED OPERATIONS

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

Accident Year Ending	15 Months	27 Months	39 Months	51 Months	63 Months	75 Months	87 Months	99 Months
12/31/2014	13,346,121	13,466,950	13,472,523	13,473,753	13,474,526	13,474,526	13,474,526	13,474,526
12/31/2015	13,650,325	13,924,573	13,940,692	13,933,702	13,933,702	13,933,702	13,933,702	
12/31/2016	13,960,204	14,541,460	14,535,082	14,535,312	14,535,863	14,535,863		
12/31/2017	14,689,961	14,969,009	14,969,207	14,970,813	14,970,813			
12/31/2018	16,092,405	16,708,153	16,688,095	16,693,954				
12/31/2019	17,949,673	18,486,558	18,516,779					
12/31/2020	17,737,022	18,076,407						
12/31/2021	19,122,884							

LINK RATIOS

Accident Year Ending	27:15	39:27	51:39	63:51	75:63	87:75	99:87
12/31/2014	1.009	1.000	1.000	1.000	1.000	1.000	1.000
12/31/2015	1.020	1.001	0.999	1.000	1.000	1.000	
12/31/2016	1.042	1.000	1.000	1.000	1.000		
12/31/2017	1.019	1.000	1.000	1.000			
12/31/2018	1.038	0.999	1.000				
12/31/2019	1.030	1.002					
12/31/2020	1.019						

Average Best 3 of 5
27:15 39:27
 1.029 1.000

MULTISTATE
LOCAL PRODUCTS/COMPLETED OPERATIONS

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

Accident 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 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

ARIZONA

Completed Operations

Bodily Injury
Full Coverage
Incurred Losses Excluding ALAE

Calculation of Loss Development Factors

(1)	(2)	(3)	(4)	(5)	
Evaluation Period	Multistate Ratio (A)	State Ratio (B)	Credibility (C)	Weighted Ratio (D)	Credibility Constant (K _i)
15 to 27 Months	2.010	12.619	0.3026	2.010*	470,000
27 to 39 Months	1.491	2.173	0.4369	1.491*	510,000
39 to 51 Months	1.127	0.959	0.5870	1.028	550,000
51 to 63 Months	1.008	1.019	0.5240	1.014	600,000
63 to 75 Months	0.996	1.000	0.5758	0.998	650,000
75 to 87 Months	1.004	1.000	0.5949	1.002	700,000
87 to 99 Months	0.991	1.000	0.5107	0.996	760,000
99 to 111 Months	0.995	1.000	0.5795	0.998	820,000
111 to 123 Months	0.994	1.000	0.5392	0.997	890,000
123 to 135 Months	0.999	0.998	0.4972	0.999	970,000
135 to 147 Months	1.001	1.000	0.3106	1.001	1,100,000
147 to 159 Months	0.997	1.000	0.2790	0.998	1,100,000
159 to 171 Months	0.998	1.000	0.2708	0.999	1,300,000
171 to 183 Months	1.001	0.999	0.2717	1.000	1,300,000
183 to 195 Months	1.000	1.000	0.2313	1.000	1,500,000
195 to 207 Months	1.000	1.000	0.2076	1.000	1,600,000
207 to 219 Months	1.000	1.000	0.1469	1.000	1,800,000
219 to 231 Months	1.000	1.000	0.0557	1.000	1,900,000
231 to 243 Months	1.000	1.000	0.0040	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			1.028	1.014	0.998	1.002	0.996	0.998	0.997	0.999	1.001
12/31/2020		1.491	1.028	1.014	0.998	1.002	0.996	0.998	0.997	0.999	1.001
12/31/2021	2.010	1.491	1.028	1.014	0.998	1.002	0.996	0.998	0.997	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	0.999	1.000	1.000	1.000	1.000	1.000	1.000	1.000		1.029
12/31/2020	0.998	0.999	1.000	1.000	1.000	1.000	1.000	1.000	1.000		1.534
12/31/2021	0.998	0.999	1.000	1.000	1.000	1.000	1.000	1.000	1.000		3.083

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

* Due to the volatility of Arizona Completed Operations data, the 15 to 27 and 27 to 39 months multistate ratios were used to calculate ultimate losses.

ARIZONA

Completed Operations
 Bodily Injury
 Full Coverage
 ALAE

Calculation of Cumulative Incremental Factors

(1)	(2)
Evaluation Period	Multistate 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							
<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>
	0.434	0.379	0.269	0.160	0.091	0.050	0.022
<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>
	0.018	0.016	0.006	0.005	0.003	0.001	0.000

<u>Full coverage</u>	Reported	\$500,000					
	ALAE as of	Ultimate	ALAE	Additional	ALAE at	171-Ultimate	Ultimate
<u>A.Y.E</u>	<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	150,151	780,589	0.269	209,588	359,739	1.008	362,617
12/31/2020	95,782	1,540,083	0.379	583,229	679,011	1.008	684,444
12/31/2021	4,501	304,100	0.434	131,858	136,359	1.008	137,450

(A) See Exhibit C19 - Multistate Loss Development.

Note : Completed Operations Incremental ALAE Factors are calculated using multistate data.

ARIZONA

Completed Operations

 Property Damage
 Full Coverage
 Incurred Losses Excluding ALAE

Calculation of Loss Development Factors

(1)	(2)	(3)	(4)	(5)	
Evaluation Period	Multistate Ratio (A)	State Ratio (B)	Credibility (C)	Weighted Ratio (D)	Credibility Constant (Ki)
15 to 27 Months	1.247	1.198	0.7347	1.211	910,000
27 to 39 Months	1.113	1.036	0.7433	1.056	990,000
39 to 51 Months	1.087	0.979	0.6741	1.014	1,100,000
51 to 63 Months	1.041	1.028	0.6760	1.032	1,200,000
63 to 75 Months	1.047	1.050	0.6184	1.049	1,300,000
75 to 87 Months	1.042	0.987	0.6276	1.007	1,400,000
87 to 99 Months	1.025	0.987	0.6747	0.999	1,500,000
99 to 111 Months	1.026	1.016	0.6805	1.019	1,600,000
111 to 123 Months	1.010	0.938	0.6765	0.961	1,700,000
123 to 135 Months	1.004	1.021	0.6321	1.015	1,800,000
135 to 147 Months	1.003	1.003	0.5952	1.003	2,000,000
147 to 159 Months	1.003	0.979	0.5498	0.990	2,100,000
159 to 171 Months	1.005	0.925	0.4452	0.969	2,300,000
171 to 183 Months	1.004	1.000	0.3543	1.003	2,500,000
183 to 195 Months	1.005	1.000	0.3583	1.003	2,700,000
195 to 207 Months	1.001	0.998	0.3487	1.000	2,900,000
207 to 219 Months	1.000	0.999	0.3276	1.000	3,100,000
219 to 231 Months	1.000	1.000	0.2246	1.000	3,300,000
231 to 243 Months	1.000	1.000	0.1324	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			1.014	1.032	1.049	1.007	0.999	1.019	0.961	1.015	1.003
12/31/2020		1.056	1.014	1.032	1.049	1.007	0.999	1.019	0.961	1.015	1.003
12/31/2021	1.211	1.056	1.014	1.032	1.049	1.007	0.999	1.019	0.961	1.015	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>	<u>ULT:243</u>		<u>Factor</u>
12/31/2019	0.990	0.969	1.003	1.003	1.000	1.000	1.000	1.000	1.000		1.063
12/31/2020	0.990	0.969	1.003	1.003	1.000	1.000	1.000	1.000	1.000		1.123
12/31/2021	0.990	0.969	1.003	1.003	1.000	1.000	1.000	1.000	1.000		1.360

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

ARIZONA

Completed Operations
Property Damage
Full Coverage
ALAE

Calculation of Cumulative Incremental Factors

(1)	(2)
Evaluation Period	Multistate 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							
<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>
	0.477	0.415	0.335	0.261	0.201	0.155	0.125
<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>
	0.100	0.076	0.054	0.037	0.020	0.006	0.000
<u>Full coverage</u>	Reported	\$500,000					
	ALAE as of	Ultimate	ALAE	Additional	ALAE at	171-Ultimate	Ultimate
<u>A.Y.E</u>	<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	602,621	2,558,928	0.335	858,264	1,460,885	1.029	1,503,251
12/31/2020	191,847	1,786,880	0.415	741,019	932,866	1.029	959,919
12/31/2021	40,420	2,688,129	0.477	1,281,162	1,321,582	1.029	1,359,908

(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
ARIZONA
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	0	10,550	24,540	10,441	9,442	8,426	32,426	8,426	8,426	8,426	8,426
12/31/2003	36,165	46,165	63,815	114,181	121,240	109,887	103,158	128,158	103,159	103,158	103,158
12/31/2004	197,091	68,069	283,067	276,947	227,197	196,988	196,990	211,989	200,288	205,288	205,795
12/31/2005	116,533	275,984	328,814	218,483	118,483	118,483	117,745	118,745	177,746	125,751	125,752
12/31/2006	30,744	159,211	221,034	161,334	161,334	135,918	135,916	135,916	135,916	139,222	139,216
12/31/2007	75,800	105,350	127,350	167,250	117,250	117,350	134,518	134,518	234,423	234,418	233,125
12/31/2008	0	105,000	140,000	115,500	115,500	119,667	119,667	119,672	141,667	123,168	115,500
12/31/2009	0	0	15,000	80,000	80,000	80,000	80,003	80,000	80,000	80,000	80,000
12/31/2010	0	65,000	208,000	208,000	340,000	240,000	240,000	240,000	244,500	300,000	300,000
12/31/2011	194,397	652,145	688,045	625,516	604,237	604,237	579,237	579,237	579,237	579,237	579,237
12/31/2012	58,683	100,812	369,837	217,483	217,483	217,483	217,483	217,483	217,483	217,483	
12/31/2013	167,348	186,629	332,544	333,379	333,379	333,379	333,379	333,379	333,379		
12/31/2014	110,385	201,615	242,283	242,283	242,283	242,283	242,283	242,283			
12/31/2015	274,682	397,552	487,500	427,500	452,500	452,500					
12/31/2016	102,500	103,634	187,634	187,634	187,634						
12/31/2017	12,000	40,342	135,342	45,342	145,342						
12/31/2018	5,300	338,680	458,680	464,430							
12/31/2019	500	16,627	233,298								
12/31/2020	198,152	245,973									
12/31/2021	20,001										

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	8,426	8,426	8,426	8,426	8,426	8,426	8,426	8,426	8,426
12/31/2003	103,158	103,158	103,158	103,158	103,658	103,658	103,658	103,658	
12/31/2004	205,804	232,793	232,788	197,788	197,788	197,788	197,788		
12/31/2005	117,746	117,745	117,745	117,745	117,745	117,745			
12/31/2006	140,216	135,916	135,916	135,916	135,916				
12/31/2007	230,250	231,250	231,250	230,250					
12/31/2008	115,500	115,500	115,500						
12/31/2009	80,000	80,000							
12/31/2010	300,000								

Completed Operations (Subline Code 336)
Full Coverage
ARIZONA
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		2.326	0.425	0.904	0.892	3.848	0.260	1.000	1.000	1.000	1.000
12/31/2003	1.277	1.382	1.789	1.062	0.906	0.939	1.242	0.805	1.000	1.000	1.000
12/31/2004	0.345	4.159	0.978	0.820	0.867	1.000	1.076	0.945	1.025	1.002	1.000
12/31/2005	2.368	1.191	0.664	0.542	1.000	0.994	1.008	1.497	0.707	1.000	0.936
12/31/2006	5.179	1.388	0.730	1.000	0.842	1.000	1.000	1.000	1.024	1.000	1.007
12/31/2007	1.390	1.209	1.313	0.701	1.001	1.146	1.000	1.743	1.000	0.994	0.988
12/31/2008		1.333	0.825	1.000	1.036	1.000	1.000	1.184	0.869	0.938	1.000
12/31/2009			5.333	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
12/31/2010		3.200	1.000	1.635	0.706	1.000	1.000	1.019	1.227	1.000	1.000
12/31/2011	3.355	1.055	0.909	0.966	1.000	0.959	1.000	1.000	1.000	1.000	
12/31/2012	1.718	3.669	0.588	1.000	1.000	1.000	1.000	1.000	1.000		
12/31/2013	1.115	1.782	1.003	1.000	1.000	1.000	1.000	1.000			
12/31/2014	1.826	1.202	1.000	1.000	1.000	1.000	1.000				
12/31/2015	1.447	1.226	0.877	1.058	1.000	1.000					
12/31/2016	1.011	1.811	1.000	1.000	1.000						
12/31/2017	3.362	3.355	0.335	3.205							
12/31/2018	63.902	1.354	1.013								
12/31/2019	33.254	14.031									
12/31/2020	1.241										

3 Yr Mean	32.799	6.247	0.783	1.754	1.000	1.000	1.000	1.000	1.076	1.000	1.000
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Best 3/5	12.619	2.173	0.959	1.019	1.000	1.000	1.000	1.000	1.000	0.998	1.000
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<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	1.000	1.000	1.000	1.000	1.000	1.000
12/31/2003	1.000	1.000	1.000	1.005	1.000	1.000	1.000	1.000
12/31/2004	1.131	1.000	0.850	1.000	1.000	1.000	1.000	1.000
12/31/2005	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
12/31/2006	0.969	1.000	1.000	1.000	1.000	1.000	1.000	1.000
12/31/2007	1.004	1.000	0.996					
12/31/2008	1.000	1.000						
12/31/2009	1.000							

3 Yr Mean	1.001	1.000	0.999	1.000	1.000	1.000	1.000	1.000
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Best 3/5	1.000	1.000	0.999	1.000	1.000	1.000	1.000	1.000
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	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					1.000	1.000	1.000	1.000	1.000	0.998	1.000
12/31/2018				1.019	1.000	1.000	1.000	1.000	1.000	0.998	1.000
12/31/2019			0.959	1.019	1.000	1.000	1.000	1.000	1.000	0.998	1.000
12/31/2020		2.173	0.959	1.019	1.000	1.000	1.000	1.000	1.000	0.998	1.000
12/31/2021	12.619	2.173	0.959	1.019	1.000	1.000	1.000	1.000	1.000	0.998	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	1.000	1.000	0.999	1.000	1.000	1.000	1.000	1.000	1.000	0.997
12/31/2018	1.000	1.000	0.999	1.000	1.000	1.000	1.000	1.000	1.000	1.016
12/31/2019	1.000	1.000	0.999	1.000	1.000	1.000	1.000	1.000	1.000	0.974
12/31/2020	1.000	1.000	0.999	1.000	1.000	1.000	1.000	1.000	1.000	2.117
12/31/2021	1.000	1.000	0.999	1.000	1.000	1.000	1.000	1.000	1.000	26.716

Bold - Calculated Using Modified Bondy Method

Italics - Three year mean Excludes Modified Bondy ratios

Completed Operations (Subline Code 336)
Full Coverage
ARIZONA
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	0	0	2,882	6,251	7,270	7,270	21,140	41,511	41,511	41,511	41,511
12/31/2003	2,494	22,337	81,189	126,697	171,261	214,386	226,954	241,954	226,954	227,390	227,406
12/31/2004	16,084	42,822	154,289	167,154	198,508	211,990	221,990	221,990	213,163	215,663	243,163
12/31/2005	10,027	46,176	99,242	102,351	104,508	104,258	136,222	141,495	161,496	167,878	167,878
12/31/2006	827	27,313	52,995	99,297	94,608	111,834	109,607	109,607	109,607	119,607	119,607
12/31/2007	0	15,273	151,702	207,353	166,028	166,028	188,100	190,136	250,136	250,136	250,137
12/31/2008	1,842	8,413	66,616	70,803	70,803	70,803	70,803	70,803	70,803	70,803	70,803
12/31/2009	0	0	12,529	61,012	100,313	105,269	105,269	105,269	105,269	105,269	105,269
12/31/2010	0	43,694	138,220	164,821	197,591	201,868	201,883	201,878	265,108	340,387	340,363
12/31/2011	13,910	46,055	188,652	352,470	410,504	410,767	410,855	410,855	410,855	410,855	410,855
12/31/2012	2,870	38,506	184,114	233,839	233,832	233,832	233,832	233,832	233,832	233,832	
12/31/2013	16,046	92,053	206,160	252,069	295,433	305,114	296,396	296,396	296,396		
12/31/2014	800	14,287	55,291	111,790	108,790	108,790	108,790	108,790			
12/31/2015	34,881	68,699	129,662	128,166	128,166	128,166	128,166				
12/31/2016	1,144	1,175	41,272	126,905	149,640	121,096					
12/31/2017	49	35,308	68,014	67,986	71,839						
12/31/2018	0	41,243	161,012	218,947							
12/31/2019	0	1,501	150,151								
12/31/2020	3,281	97,049									
12/31/2021	4,501										

<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	41,511	41,511	41,511	41,511	41,511	41,511	41,511	41,511	41,511
12/31/2003	227,406	227,406	227,406	227,406	227,406	227,406	227,406	227,406	
12/31/2004	248,163	219,626	222,126	219,731	219,731	219,731	219,731		
12/31/2005	142,878	142,878	142,878	142,878	142,878	142,878			
12/31/2006	117,739	113,471	113,471	113,471	113,471				
12/31/2007	245,589	260,589	260,588	253,798					
12/31/2008	70,803	70,803	70,803						
12/31/2009	105,269	105,269							
12/31/2010	340,363								

Completed Operations (Subline Code 336)
Full Coverage
ARIZONA
Property Damage - Occurrence
Incurred Accident Year Basic Limits Loss Development Excluding ALAE

\$100,000 Basic Limit Losses 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	149,635	193,059	283,543	284,573	406,819	452,278	493,279	634,953	571,829	552,412	537,506
12/31/2003	450,909	436,592	242,968	286,896	377,757	396,544	387,808	380,199	375,199	375,199	496,413
12/31/2004	104,284	121,897	192,599	202,600	285,655	288,285	374,383	346,286	503,775	712,282	765,821
12/31/2005	169,862	192,643	218,655	376,549	469,051	427,795	439,387	330,294	494,534	559,746	576,747
12/31/2006	123,099	88,403	165,155	274,074	189,424	307,915	299,411	431,398	590,117	514,568	602,021
12/31/2007	211,424	217,601	437,891	242,476	247,469	211,599	271,464	393,603	454,041	487,422	531,467
12/31/2008	638,012	810,048	870,233	712,790	739,324	875,086	1,560,332	1,097,092	1,184,043	872,877	1,113,839
12/31/2009	585,040	761,804	683,699	751,578	867,347	874,726	902,573	1,196,356	1,031,080	947,430	931,972
12/31/2010	495,859	573,885	701,202	774,398	855,350	1,064,040	1,035,503	868,058	965,887	904,949	895,222
12/31/2011	1,122,027	1,233,862	1,041,448	1,278,799	1,358,062	1,440,401	1,208,688	1,172,642	1,260,409	1,240,138	1,216,582
12/31/2012	878,211	895,718	1,255,496	1,203,859	1,248,053	1,375,346	1,287,308	1,364,424	1,329,197	1,274,641	
12/31/2013	786,073	729,085	781,043	851,363	925,430	865,290	871,020	870,020	870,020		
12/31/2014	590,761	651,762	805,285	626,413	574,710	681,000	952,246	944,500			
12/31/2015	647,097	782,393	845,831	844,314	798,877	813,572	827,698				
12/31/2016	483,891	689,626	704,360	697,339	733,052	755,564					
12/31/2017	627,185	746,158	850,827	961,908	1,084,049						
12/31/2018	580,143	715,975	720,108	683,757							
12/31/2019	1,238,471	1,405,030	1,402,638								
12/31/2020	701,684	820,101									
12/31/2021	602,002										

A.Y.E.	147 Months	159 Months	171 Months	183 Months	195 Months	207 Months	219 Months	231 Months	243 Months
12/31/2002	547,271	574,221	570,996	534,256	534,256	534,256	534,256	534,256	534,256
12/31/2003	440,221	421,699	421,699	421,699	421,699	421,699	421,699	421,699	
12/31/2004	667,342	576,750	513,109	504,109	557,113	554,109	554,109		
12/31/2005	532,270	591,434	539,434	589,382	574,141	544,373			
12/31/2006	437,724	482,620	414,161	414,161	414,161				
12/31/2007	550,153	417,899	417,899	417,899					
12/31/2008	1,065,537	944,771	919,771						
12/31/2009	948,523	899,279							
12/31/2010	937,779								

Completed Operations (Subline Code 336)
Full Coverage
ARIZONA
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	1.290	1.469	1.004	1.430	1.112	1.091	1.287	0.901	0.966	0.973	1.018
12/31/2003	0.968	0.557	1.181	1.317	1.050	0.978	0.980	0.987	1.000	1.323	0.887
12/31/2004	1.169	1.580	1.052	1.410	1.009	1.299	0.925	1.455	1.414	1.075	0.871
12/31/2005	1.134	1.135	1.722	1.246	0.912	1.027	0.752	1.497	1.132	1.030	0.923
12/31/2006	0.718	1.868	1.659	0.691	1.626	0.972	1.441	1.368	0.872	1.170	0.727
12/31/2007	1.029	2.012	0.554	1.021	0.855	1.283	1.450	1.154	1.074	1.090	1.035
12/31/2008	1.270	1.074	0.819	1.037	1.184	1.783	0.703	1.079	0.737	1.276	0.957
12/31/2009	1.302	0.897	1.099	1.154	1.009	1.032	1.325	0.862	0.919	0.984	1.018
12/31/2010	1.157	1.222	1.104	1.105	1.244	0.973	0.838	1.113	0.937	0.989	1.048
12/31/2011	1.100	0.844	1.228	1.062	1.061	0.839	0.970	1.075	0.984	0.981	
12/31/2012	1.020	1.402	0.959	1.037	1.102	0.936	1.060	0.974	0.959		
12/31/2013	0.928	1.071	1.090	1.087	0.935	1.007	0.999	1.000			
12/31/2014	1.103	1.236	0.778	0.917	1.185	1.398	0.992				
12/31/2015	1.209	1.081	0.998	0.946	1.018	1.017					
12/31/2016	1.425	1.021	0.990	1.051	1.031						
12/31/2017	1.190	1.140	1.131	1.127							
12/31/2018	1.234	1.006	0.950								
12/31/2019	1.134	0.998									
12/31/2020	1.169										
3 Yr Mean	1.179	1.048	1.024	1.041	1.078	1.141	1.017	1.016	0.960	0.985	1.008
Best 3/5	1.198	1.036	0.979	1.028	1.050	0.987	0.987	1.016	0.938	1.021	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	1.049	0.994	0.936	1.000	1.000	1.000	1.000	1.000			
12/31/2003	0.958	1.000	1.000	1.000	1.000	1.000	1.000	1.000			
12/31/2004	0.864	0.890	0.982	1.105	0.995	1.000	1.000	1.000			
12/31/2005	1.111	0.912	1.093	0.974	0.948	0.998	1.000	1.000			
12/31/2006	1.103	0.858	1.000	1.000	1.000	0.998	1.000	1.000			
12/31/2007	0.760	1.000	1.000								
12/31/2008	0.887	0.974									
12/31/2009	0.948										
3 Yr Mean	0.865	0.944	1.031	1.026	0.981	1.000	1.000	1.000			
Best 3/5	0.979	0.925	1.000	1.000	0.998	0.999	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					1.050	0.987	0.987	1.016	0.938	1.021	1.003
12/31/2018				1.028	1.050	0.987	0.987	1.016	0.938	1.021	1.003
12/31/2019			0.979	1.028	1.050	0.987	0.987	1.016	0.938	1.021	1.003
12/31/2020		1.036	0.979	1.028	1.050	0.987	0.987	1.016	0.938	1.021	1.003
12/31/2021	1.198	1.036	0.979	1.028	1.050	0.987	0.987	1.016	0.938	1.021	1.003
	<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	0.979	0.925	1.000	1.000	0.998	0.999	1.000	1.000	1.000		0.901
12/31/2018	0.979	0.925	1.000	1.000	0.998	0.999	1.000	1.000	1.000		0.927
12/31/2019	0.979	0.925	1.000	1.000	0.998	0.999	1.000	1.000	1.000		0.907
12/31/2020	0.979	0.925	1.000	1.000	0.998	0.999	1.000	1.000	1.000		0.940
12/31/2021	0.979	0.925	1.000	1.000	0.998	0.999	1.000	1.000	1.000		1.126

Bold - Calculated Using Modified Bondy Method

Italics - Three year mean Excludes Modified Bondy ratios

Completed Operations (Subline Code 336)
Full Coverage
ARIZONA
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	3,987	13,852	105,861	175,258	308,948	327,176	369,879	399,296	534,005	583,890	576,374
12/31/2003	17,852	38,002	76,814	171,189	259,811	285,205	331,704	363,893	351,500	351,500	351,500
12/31/2004	720	31,781	71,054	116,873	137,553	170,993	223,078	322,574	417,208	453,543	466,185
12/31/2005	12,137	48,673	63,713	117,489	191,692	242,073	316,105	312,523	377,904	464,390	716,047
12/31/2006	8,771	13,772	55,229	69,856	118,913	140,374	134,792	142,321	179,028	224,401	222,967
12/31/2007	18,000	72,790	237,019	354,418	356,788	358,096	365,785	383,196	403,992	424,535	460,891
12/31/2008	42,028	123,907	256,516	460,567	520,580	577,862	619,715	723,582	832,410	807,754	866,926
12/31/2009	40,710	98,147	211,145	530,595	561,675	666,549	880,304	1,124,425	1,316,045	1,469,964	1,761,437
12/31/2010	153,793	209,423	468,472	757,470	969,067	1,236,076	1,406,205	1,492,427	1,555,000	1,543,365	1,538,372
12/31/2011	48,421	144,436	405,994	605,887	640,663	673,167	714,795	794,811	901,610	996,176	998,952
12/31/2012	48,404	254,023	626,590	769,955	820,250	964,152	1,007,136	1,196,477	1,269,065	1,274,320	
12/31/2013	38,362	121,018	307,662	346,000	389,326	393,319	423,319	422,287	442,286		
12/31/2014	27,736	78,325	160,743	197,144	241,247	388,626	593,833	715,790			
12/31/2015	52,151	171,627	370,185	509,720	606,245	824,245	1,084,015				
12/31/2016	54,241	103,993	188,916	242,149	312,628	305,397					
12/31/2017	34,338	96,261	221,761	346,841	400,745						
12/31/2018	12,382	41,501	152,593	217,384							
12/31/2019	101,661	314,912	506,950								
12/31/2020	73,112	185,074									
12/31/2021	20,121										

<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	592,389	642,743	645,968	646,326	646,326	646,326	646,326	646,326	646,326
12/31/2003	370,979	404,206	404,206	404,206	404,206	404,206	404,206	404,206	
12/31/2004	514,757	558,843	563,953	563,953	563,953	563,953	563,953		
12/31/2005	801,110	822,775	796,942	799,443	828,403	830,720			
12/31/2006	228,608	235,253	237,665	237,665	237,665				
12/31/2007	585,891	584,946	584,946	584,946					
12/31/2008	904,238	813,049	814,141						
12/31/2009	1,818,762	1,834,081							
12/31/2010	1,539,311								

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 :

<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	3,400,180	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										

<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	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										
<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	2.244	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
<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	1.002	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											
<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					0.996	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
<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	0.997	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 :												
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	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											

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	1,354,028	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											
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	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
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	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	1.000			
12/31/2004	1.000	1.000	1.120	1.000	1.000	1.000	1.000	1.000			
12/31/2005	1.000	1.053	1.000	1.000	1.000	1.000	1.000	1.000			
12/31/2006	1.075	1.000	1.000	1.000	1.000	1.000	1.000	1.000			
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			
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					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
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	1.000	1.040	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.039	
12/31/2018	1.000	1.040	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.067	
12/31/2019	1.000	1.040	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.256	
12/31/2020	1.000	1.040	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.577	
12/31/2021	1.000	1.040	1.000	1.000	1.000	1.000	1.000	1.000	1.000	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
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171 to Ultimate Factor:	1.008
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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.	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	1,848,459	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.	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	0.0741	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
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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											
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	1.305	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	1.000			
12/31/2004	1.010	1.002	1.004	1.003	0.996	0.999	1.000	1.000			
12/31/2005	1.002	1.009	1.015	1.004	1.000	1.000	1.000	1.000			
12/31/2006	1.009	1.009	1.001	0.997	1.005	1.000	1.000	1.000			
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	0.999	1.001	1.000	0.995			
Best 3/5	1.003	1.005	1.004	1.005	1.001	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					1.047	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>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	1.000		1.188
12/31/2018	1.003	1.005	1.004	1.005	1.001	1.000	1.000	1.000	1.000		1.237
12/31/2019	1.003	1.005	1.004	1.005	1.001	1.000	1.000	1.000	1.000		1.344
12/31/2020	1.003	1.005	1.004	1.005	1.001	1.000	1.000	1.000	1.000		1.496
12/31/2021	1.003	1.005	1.004	1.005	1.001	1.000	1.000	1.000	1.000		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.	<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	1.357	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.	<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	0.990	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			
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					1.045	1.039	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	<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	1.018	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
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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
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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.	<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	1.191	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
	<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	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.	<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					1.005	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
	<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	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 :

<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	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										

<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	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	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											
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	1.212	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
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	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	1.000			
12/31/2004	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000			
12/31/2005	1.000	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.	<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					1.010	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
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	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.008	
12/31/2018	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	0.985	
12/31/2019	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.053	
12/31/2020	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.039	
12/31/2021	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	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:

<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	1,621,679	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						
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										

<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	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.	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	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												
<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>
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
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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	1.000
12/31/2003	1.012	0.998	0.999	1.000	1.000	1.000	1.000
12/31/2004	1.000	1.000	1.000	1.007	1.000	1.000	1.000
12/31/2005	1.000	1.000	1.001	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
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 :											
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	1,446,136	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										

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	2,004,044	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											
<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	1.168	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	1.000			
12/31/2004	1.003	1.051	0.994	1.000	0.968	1.000	1.000	1.000			
12/31/2005	0.996	1.000	1.000	1.005	0.999	0.999	1.000	1.000			
12/31/2006	0.989	0.998	1.005	1.000	1.002	0.999	1.000	1.000			
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	0.989	1.000	1.000	1.000			
Best 3/5	0.996	1.000	1.001	1.002	0.999	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					1.009	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
<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	0.996	1.000	1.001	1.002	0.999	1.000	1.000	1.000	1.000		1.031
12/31/2018	0.996	1.000	1.001	1.002	0.999	1.000	1.000	1.000	1.000		1.028
12/31/2019	0.996	1.000	1.001	1.002	0.999	1.000	1.000	1.000	1.000		1.039
12/31/2020	0.996	1.000	1.001	1.002	0.999	1.000	1.000	1.000	1.000		1.127
12/31/2021	0.996	1.000	1.001	1.002	0.999	1.000	1.000	1.000	1.000		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.	<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	1.067	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.	<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	1.001	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			
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					1.082	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	<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	1.000	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
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Local Products (Subline Code 336)
 Full Coverage
 Multistate
 Property Damage - Occurrence
 Incurred Accident Year Incremental 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	1.017	1.000	1.000	1.007	1.000	1.000	1.000
12/31/2003	1.027	1.000	0.990	1.000	0.982	1.000	1.000
12/31/2004	1.000	1.015	0.986	1.000	1.000	1.000	1.000
12/31/2005	1.000	1.017	1.125	0.998	1.000	1.000	1.000
12/31/2006	1.003	1.000	1.005	0.998	1.000	1.000	1.000
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					
<u>A.Y.E</u>	<u>ALAE as of</u>	<u>Ultimate</u>	<u>ALAE</u>	<u>Additional</u>	<u>ALAE at</u>	<u>171-Ultimate</u>	<u>Ultimate</u>
	<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

* 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 OPERATIONS</u>	LOCAL PRODUCTS /
			COMPLETED OPERATIONS <u>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)		(2)		(3)		(1)		(2)		(3)	
YEAR		LOCAL PRODUCTS		COMPLETED OPERATIONS		YEAR		LOCAL PRODUCTS		COMPLETED OPERATIONS	
ENDING		CLASS GROUP		CLASS GROUP		ENDING		CLASS GROUP		CLASS GROUP	
QUARTER *		SALES EXPOSURE		PAYROLL EXPOSURE		QUARTER *		SALES EXPOSURE		PAYROLL EXPOSURE	
		INDICES		INDICES				INDICES		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) Accident Year Ending	(2) Basic Limit Paid Losses *	(3) Paid Occurrences	(4) (2)/(3) Actual Severity	(5) Exponential Curve of Best Fit to Col (4)		
				10 Year	8 Year	6 Year
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) Accident Year Ending	(2) Basic Limit Paid Losses *	(3) Paid Occurrences	(4) (2)/(3) Actual Severity	(5) Exponential Curve of 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
MULTISTATE

Manual Classes (Full and Deductible Coverage)
 Monoline and Multiline Combined
 CGL Policies Only

Bodily Injury and Property Damage Combined

(1) Accident Year Ending	(2) Aggregate Loss Costs at Current Level	(3) Occurrences at Ultimate ¹	(4) Occurrence Frequency <u>(3) / (2)</u> ²
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%

¹ Occurrences are based on reported paid amounts developed to ultimate using paid development factors.

² 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

CLASS GROUP 12					
91111	0.37	96611	0.093	94404	2.32
91150	0.34	97447	0.34	95310	0.67
91155	1.73	97650	0.24	96408	6.77
91340	0.50	97651	0.29	96409	4.80
91341	0.26	97652	0.31	97221	0.70
91342	0.24	97653	0.20	97222	1.00 *
91343	0.097	97654	0.19	97223	1.58
91436	0.14	97655	0.28	98152	0.29
91507	0.20	98002	0.063	98157	0.19
91551	0.046	98482	0.41	98163	0.110
91555	0.065	98483	1.00 *	98164	0.038
91560	0.29	98502	0.24	98659	0.22
91577	0.21	98636	0.23	98914	0.30
91746	0.37	98677	0.66	98949	0.17
92101	0.20	98678	0.87	98993	2.04
92102	0.22	98806	0.23	99163	0.220
92215	0.20	98820	0.23	99803	4.76
92338	0.13	98884	0.14	99946	1.34
92446	0.12	99004	0.100	99969	1.42
92447	0.10	99080	0.47		
92451	0.15	99315	0.13		
92478	0.11	99321	0.15		
94007	0.32	99613	0.15		
94276	0.28	99650	0.067		
94569	0.26	99746	0.21		
95410	0.18				
95455	0.11	CLASS GROUP 13			
95505	0.14	91125	1.05		
95625	0.24	91127	0.66		
95647	0.37	91235	1.29		
96053	0.28	91265	1.88		
96410	0.55	91266	0.50		
		91280	1.49		
		94381	5.96		

ARIZONA GL-2023-BGL1
BASIC LIMIT LOSS COST LEVEL
GENERAL LIABILITY OTHER THAN PROFESSIONAL
PREMISES/OPERATIONS & PRODUCTS/COMPLETED OPERATIONS
ACTUARIAL ANALYSIS SUPPLEMENT

PURPOSE This document provides discussion and analysis of pattern shifts in the data used to derive the advisory loss costs.

LOSS COST The statewide advisory loss cost level changes are:
LEVEL CHANGES

<u>SUBLINE</u>	<u>INDICATED</u>	<u>SELECTED</u>
M&C	-9.4%	-9.4%
OL&T	+12.1%	+12.1%
Premises/Operations	+2.5%	+2.5%
Products	-15.6%	-15.6%
Local Products/Completed Operations	-4.3%	-4.3%
Products/Completed Operations	-6.1%	-6.1%
GL Overall	+0.6%	+0.6%

INDICATED Indicated changes are based on standard ISO methodology. The selected changes are equal
VS. SELECTED to the indicated changes for all sublines .

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 3/31/2022 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.

CALL TO CALL COMPARISON

Manufacturers and Contractors

The Aggregate Loss Costs at Current Level (ALCCL) decreased by an average of 0.7%, 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 a 2.5% decrease in ALCCL;
- Implemented loss cost level change (-8.8%);
- A change in exposure trend plus an additional year of trending (+10.3%);
- The effect on ALCCL due to a change in average IPMFs (+0.1%).

The Basic Limit Experience Ratios (BLERs) varied within reasonable limits.

Owners, Landlords and Tenants

The Aggregate Loss Costs at Current Level (ALCCL) increased by an average of 2.9%, 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 5.9% decrease in ALCCL;
- Implemented loss cost level change (+5.9%);
- A change in exposure trend plus an additional year of trending (+3.5%);
- The effect on ALCCL due to a change in average IPMFs (+0.3%).

The BLERs increased in 2018 (17.3%) and 2021 (25.0%). This is mainly due to unfavorable experience across several class groups.

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.

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 increased from 2018 to 2022.

The low BLERs for 2020 (0.794), 2021 (0.669) and 2022 (0.788) are attributable to favorable experience in several class groups.

Owners, Landlords
and Tenants

The ALCCL increased from 2018 to 2019 and then decreased thereafter.

The high BLERs for 2018 (1.260) and 2020 (1.214) 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 2021.

Local Products/
Completed Ops

The ALCCL increased from 2017 to 2019 and then decreased thereafter.

The BLER decreased from 2017 to 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 and 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 have decreased 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.

The multistate Fringe indemnity loss development factors for the 2023 review have increased compared to the 2022 review.

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 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 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.

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. The full coverage PD indemnity loss development factors for the 2023 review remained stable compared to those in the 2022 review, except for the 15 and 27 months-to-ultimate factors which decreased by 14.0% and 12.1% respectively. This can largely be attributed to a higher 27-to-39 months credibility factor and lower state ratio.

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.

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.

SEVERITY TREND COMPARISON	Manufacturers and Contractors	<p>The BI severity trend selection is +6.5%, up from +4.0% in the previous Calendar review.</p> <p>The PD severity trend selection is +4.5%, up from +4.0% in the previous Calendar review.</p> <p>The Fringe severity trend selection is 0.0%, unchanged from 0.0% in the previous Calendar review.</p>
	Owners, Landlords and Tenants	<p>The BI severity trend selection is +7.0%, up from +5.0% in the previous Calendar review.</p> <p>The PD severity trend selection is +7.5%, up from +6.0% in the previous Calendar review.</p> <p>The Fringe severity trend selection is 1.5%, up from 0.0% in the previous Calendar 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/ 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 higher than the prior point.

Owners, Landlords
and Tenants

The latest frequency point is higher 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 all three 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 factors are higher than that used in the previous review for all three 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 AVERAGE IMPLICIT PACKAGE MODIFICATION FACTOR (IPMF) COMPARISON	Manufacturers and Contractors	The current weighted average IPMF is 0.967. In the 2022 review the weighted average IPMF was 0.966.
	Owners, Landlords and Tenants	The current weighted average IPMF is 0.843. In the 2022 review the weighted average IPMF was 0.838.
	Products	The current multistate weighted average IPMF is 0.885. In the 2022 review the multistate weighted average IPMF was 0.878.
	Local Products/ Completed Ops	The current multistate weighted average IPMF is 0.993. In the Group 2, 2022 review the multistate weighted average IPMF was 0.997.
The IPMF's are applied to the multiline ALCCL.		
CLASS GROUP/ TERRITORY/ STATE RELATIVE 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, Arizona's state balanced relative change (0.998) ranks 28th highest overall. In last year's review, Arizona's balanced relative change (0.958) ranks 16th lowest overall.	
CHANGE IN COMPANY MIX SINCE LAST CALL	For Manufacturers and Contractors the change in company mix results in an average decrease of 2.5% in the total statewide ALCCL.	
	For Owners, Landlords and Tenants, the change in company mix results in an average decrease of 5.9% 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 Premises/Operations (Prem/Ops) (Subline Code 334) Territory 502 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	.214	.137	10150	.91	(a)	11204	.58	1.25	13111	1.36	.067
10011	.051	(a)	10151	23.00	—	11205	(a)	—	13112	.116	.038
10012	.059	(a)	10160	4.09	—	11206	.42	—	13201	.71	.097
10015	15.40	—	10204	.41	—	11207	5.30	—	13204	.80	.68
10020	(a)	(a)	10205	.46	—	11208	.91	—	13205	.31	.27
10025	.051	(a)	10210	.74	(a)	11209	4.27	—	13206	(a)	(a)
10026	1.19	.018	10211	.74	(a)	11210	1.82	—	13207	(a)	(a)
10027	.051	(a)	10220	8.68	—	11211	9.45	—	13208	(a)	(a)
10036	.53	(a)	10255	.195	.124	11212	1.43	—	13314	.221	.009
10040	.163	.30	10256	.71	.154	11213	1.17	—	13351	.54	.049
10042	.68	.31	10257	.135	.148	11214	2.87	—	13352	.55	.035
10052	10.60	—	10309	.30	.015	11222	.048	—	13410	1.12	1.55
10054	9.44	—	10315	.70	(a)	11234	.52	.052	13411	(a)	(a)
10060	.33	.055	10331	20.90	—	11248	.037	.01	13412	.38	1.15
10065	.49	.05	10332	36.00	—	11258	1.47	.202	13453	.44	(a)
10066	.50	.063	10352	.71	.06	11259	1.57	.175	13454	.51	(a)
10070	.122	.094	10367	2.43	—	11273	25.70	—	13455	.52	(a)
10071	.59	.094	10368	3.55	—	11274	24.70	—	13461	(a)	(a)
10072	2.75	—	10375	(a)	—	11288	1.80	.08	13506	1.69	.06
10073	.82	.43	10378	21.10	—	12014	.08	.036	13507	2.03	.138
10075	6.08	.151	10379	9.80	—	12356	2.18	.026	13590	.39	.59
10100	1.22	.059	10380	16.70	—	12361	.136	.063	13621	.097	.32
10101	.44	.136	10381	14.50	—	12362	.134	(a)	13670	.076	.022
10105	4.78	—	11007	1.03	—	12373	.051	.024	13673	1.11	.016
10107	2.50	.217	11020	.56	.174	12374	1.13	.066	13715	.134	.088
10110	52.30	—	11039	.71	.071	12375	.56	.046	13716	.84	.092
10111	.27	.045	11052	7.07	—	12391	.101	.055	13720	.63	.059
10113	.66	—	11101	(a)	(a)	12393	.74	(a)	13759	.33	.098
10115	1.32	.069	11120	(a)	—	12467	.31	(a)	13930	.29	.103
10117	15.30	—	11126	.115	.019	12509	.049	.02	14068	.072	.008
10119	(a)	—	11127	.68	.008	12510	.62	.022	14101	.84	.039
10120	34.30	—	11128	.92	.063	12583	.27	(a)	14279	.37	.062
10130	6.52	—	11138	5.21	—	12651	.80	.33	14401	1.48	.104
10132	5.62	—	11155	.39	—	12683	.37	(a)	14405	.61	—
10133	6.80	—	11160	(a)	(a)	12707	.88	.45	14527	.55	.139
10135	(a)	—	11167	1.63	—	12797	.186	.153	14655	.163	—
10140	.063	.016	11168	8.45	—	12805	.60	.145	14731	7.01	—
10141	.126	.026	11201	9.05	—	12841	.99	—	14732	.52	—
10145	.60	.01	11202	2.68	—	12927	.173	—	14733	1.14	—
10146	.54	.018	11203	1.59	.29	13049	.071	.042	14734	.49	—

DIVISION SIX

PREM/OPS TERR. 502

GENERAL LIABILITY

PROD/COPS

LOSS COST PAGES

\$100,000/200,000 BASIC LIMIT OCCURRENCE Premises/Operations (Prem/Ops) (Subline Code 334) Territory 502 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	.172	.083	16670	8.65	—	18501	1.18	.015	40072	(a)	—
14913	.61	.126	16676	.55	.013	18506	.34	.005	40075	111.00	—
15060	(a)	(a)	16694	.32	(a)	18507	.35	.007	40101	47.00	—
15061	(a)	(a)	16705	.43	.09	18570	3.61	—	40102	41.50	—
15062	.154	(a)	16722	(a)	—	18575	(a)	(a)	40111	17.00	—
15063	.179	(a)	16723	(a)	—	18616	.26	.42	40115	(a)	—
15070	.081	—	16750	.192	.036	18707	.02	.005	40117	(a)	—
15119	(a)	—	16751	.192	—	18708	.211	.02	40140	(a)	—
15120	(a)	—	16819	.93	(a)	18833	.241	(a)	41001	.57	—
15123	6.78	—	16820	.72	(a)	18834	.55	.10	41210	(a)	—
15124	2.37	—	16881	3.00	(a)	18911	1.73	.016	41421	.86	—
15188	.27	(a)	16890	.109	(a)	18912	3.25	.026	41422	.46	—
15223	.09	.032	16891	.119	(a)	18920	.84	.017	41510	86.90	—
15224	.66	.069	16892	.216	(a)	18991	(a)	—	41603	40.70	—
15300	(a)	—	16900	3.45	.083	19007	2.65	—	41604	22.40	—
15314	.39	(a)	16901	2.21	.113	19051	5.88	—	41620	.76	—
15404	.07	(a)	16902	1.87	.062	19061	(a)	—	41650	57.30	—
15405	.103	(a)	16905	3.62	.072	19795	.57	(a)	41664	72.60	—
15406	.26	.065	16906	2.31	.102	19796	.66	—	41665	8.50	—
15488	.66	(a)	16910	2.07	.053	40005	(a)	—	41666	(a)	—
15538	.70	.014	16911	1.87	.052	40006	(a)	—	41667	198.00	—
15600	1.77	.082	16915	2.12	.051	40010	(a)	—	41668	186.00	—
15607	.107	—	16916	1.77	.06	40015	(a)	—	41669	1.30	—
15608	.39	.009	16920	4.70	.116	40020	(a)	—	41670	2.19	—
15656	11.60	—	16921	4.29	.046	40026	(a)	—	41672	(a)	—
15699	.26	—	16930	2.70	.144	40031	(a)	—	41673	(a)	—
15733	.172	.025	16931	2.92	.061	40032	(a)	—	41675	(a)	—
15839	.53	.023	16940	5.87	.046	40040	(a)	—	41677	.157	—
15991	.43	.064	16941	2.35	.082	40041	(a)	—	41678	74.30	—
15993	.36	.04	18078	.243	.127	40042	(a)	—	41679	(a)	(a)
16005	.071	.024	18109	.72	.026	40045	479.00	—	41680	29.80	—
16009	.211	.091	18110	.58	.028	40046	94.70	—	41696	.50	—
16402	2.61	—	18200	(a)	—	40047	33.80	—	41697	.34	—
16403	1.65	.139	18205	.38	.39	40059	12.10	—	41700	(a)	—
16404	2.08	—	18206	.93	.097	40061	6.41	—	41715	18.90	—
16471	.15	—	18335	.67	.014	40063	215.00	—	41716	12.00	—
16501	.151	(a)	18435	1.29	.065	40064	63.10	—	43007	(a)	—
16527	.231	.222	18436	1.04	.141	40066	(a)	—	43117	(a)	—
16588	.097	(a)	18437	.96	(a)	40067	(a)	—	43151	55.40	—
16604	.164	.074	18438	1.84	(a)	40069	(a)	—	43152	22.30	—

\$100,000/200,000 BASIC LIMIT OCCURRENCE Premises/Operations (Prem/Ops) (Subline Code 334) Territory 502 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	211.00	—	44112	.89	—	45771	.31	.114	47254	(a)	—
43215	(a)	—	44113	(a)	—	45819	.099	.06	47318	20.20	—
43421	57.80	—	44193	(a)	—	45900	.202	.048	47367	.157	—
43422	303.00	—	44194	(a)	—	45901	.173	.03	47420	4.43	—
43424	(a)	—	44222	(a)	—	45937	.48	—	47468	(a)	—
43470	2.88	—	44276	283.00	—	45993	(a)	(a)	47469	8.60	—
43517	(a)	—	44277	184.00	—	46004	54.50	—	47471	7.45	—
43518	31.10	—	44280	.157	—	46005	43.60	—	47473	9.75	—
43550	206.00	—	44311	16.10	—	46112	.185	—	47474	10.90	—
43551	114.00	—	44315	10.80	—	46202	4.21	—	47475	8.60	—
43626	24.90	—	44427	170.00	—	46362	259.00	—	47476	8.60	—
43628	323.00	—	44428	171.00	—	46426	37.90	—	47477	11.50	—
43629	274.00	—	44429	2.56	—	46427	50.60	—	47478	12.00	—
43754	(a)	—	44430	1.78	—	46510	(a)	—	47600	(a)	—
43760	9.12	—	44431	5.69	—	46590	(a)	—	47610	(a)	—
43822	2.29	—	44432	1.80	—	46603	3.18	—	48039	150.00	—
43840	.028	—	44433	57.40	—	46604	3.67	—	48177	(a)	—
43860	1.81	—	44434	110.00	—	46606	9.78	—	48178	(a)	—
43889	.65	—	44435	114.00	—	46607	13.50	—	48206	65.80	—
43945	(a)	—	44436	133.00	—	46622	6.70	—	48252	(a)	—
43946	(a)	—	44437	110.00	—	46671	(a)	—	48441	.28	—
43990	(a)	(a)	44438	87.00	—	46700	424.00	—	48557	27.60	—
43991	(a)	—	44439	169.00	—	46773	(a)	—	48558	24.00	—
44009	8.26	—	44440	140.00	—	46822	(a)	—	48600	75.80	—
44010	(a)	(a)	44500	(a)	—	46881	(a)	—	48610	(a)	—
44069	26.60	—	44501	(a)	—	46882	(a)	—	48636	1.34	(a)
44070	7.87	—	45190	3.31	—	46911	49.20	—	48637	21.10	—
44071	8.76	—	45191	2.35	—	46912	90.10	—	48638	10.50	—
44072	6.05	—	45192	2.75	—	46913	(a)	—	48727	(a)	—
44100	2.68	—	45193	1.62	—	46914	(a)	—	48808	2.98	—
44101	2.79	—	45210	2.05	—	46915	(a)	—	48924	(a)	—
44102	2.17	—	45224	(a)	—	46916	(a)	—	48925	505.00	—
44103	1.92	—	45225	(a)	—	47050	.63	—	49005	.107	—
44104	.81	—	45334	122.00	—	47051	(a)	—	49111	4.55	—
44105	(a)	—	45380	.201	(a)	47052	(a)	—	49181	48.90	—
44106	(a)	—	45450	35.80	—	47103	(a)	—	49183	59.60	—
44108	.95	—	45523	(a)	—	47146	(a)	—	49184	126.00	—
44109	2.40	—	45524	(a)	—	47147	(a)	—	49185	114.00	—
44110	2.45	—	45539	(a)	—	47221	466.00	—	49239	.15	.27
44111	1.51	—	45678	.169	—	47253	(a)	—	49292	3.58	—

DIVISION SIX

PREM/OPS TERR. 502

GENERAL LIABILITY

PROD/COPS

LOSS COST PAGES

\$100,000/200,000 BASIC LIMIT OCCURRENCE Premises/Operations (Prem/Ops) (Subline Code 334) Territory 502 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	.50	.193	51702	.127	(a)	51986	.244	.075
49333	26.20	—	51241	1.49	.197	51703	.053	(a)	51999	.103	.25
49451	(a)	—	51250	.213	(a)	51734	.099	.38	52002	.09	.086
49452	(a)	—	51251	.043	(a)	51741	.26	.246	52075	.156	.167
49617	.56	.153	51252	.151	.06	51752	.22	.137	52076	.188	(a)
49618	.47	.046	51253	.129	(a)	51767	.024	.005	52109	.023	(a)
49619	.88	.107	51254	.04	.019	51777	.082	.047	52134	.30	.44
49763	5.72	—	51255	.54	(a)	51790	.136	(a)	52137	.062	(a)
49800	(a)	—	51300	.113	.109	51796	.095	(a)	52150	.56	(a)
49801	410.00	—	51305	.113	.65	51808	.34	.43	52315	.107	.237
49802	36.40	—	51315	.097	.059	51809	.42	.164	52341	.038	(a)
49803	64.40	—	51330	.082	.97	51833	.123	.034	52342	.112	(a)
49840	.65	—	51333	.027	.28	51850	.199	(a)	52343	.068	(a)
49870	211.00	—	51340	.041	(a)	51851	.135	(a)	52401	.21	(a)
49890	(a)	—	51350	.19	.095	51852	.32	(a)	52402	.023	(a)
49891	(a)	—	51351	.17	.039	51853	.127	(a)	52432	.113	(a)
49902	(a)	—	51352	.233	.077	51854	.28	(a)	52433	.103	.47
49903	(a)	—	51355	.159	.081	51855	.30	(a)	52435	.129	(a)
50010	.244	.35	51356	.171	.42	51856	.164	(a)	52438	.093	(a)
50011	.074	(a)	51357	.138	1.18	51857	.28	(a)	52440	.147	(a)
50012	.09	(a)	51358	.33	.094	51869	.112	.102	52467	.136	(a)
50015	.158	(a)	51359	.29	.51	51877	.63	.128	52469	.047	.083
50017	.121	(a)	51370	.49	2.16	51889	.104	.007	52505	.236	.159
50018	.068	(a)	51380	.049	.026	51896	.048	.013	52547	.182	.049
50019	.064	(a)	51400	.192	(a)	51900	.092	.085	52581	1.15	1.57
50045	.28	(a)	51401	.28	(a)	51909	.179	.04	52619	.081	(a)
50047	.031	(a)	51500	.093	.118	51919	.105	(a)	52660	.056	—
51001	.046	.31	51516	.047	—	51926	.107	.036	52744	.47	.039
51005	.009	(a)	51517	.053	—	51927	.058	.092	52767	.167	(a)
51116	.117	.52	51550	.114	.36	51934	.117	.066	52876	(a)	(a)
51201	.042	(a)	51551	.04	.70	51941	.106	.025	52911	.064	.35
51205	.127	.035	51552	.069	.113	51942	.17	—	52967	.024	.043
51206	.02	.40	51553	.123	(a)	51956	.46	.119	53001	.237	.213
51210	.081	(a)	51554	.012	(a)	51957	.40	.33	53077	.114	.172
51211	(a)	(a)	51575	.051	.02	51958	.36	.233	53095	.078	(a)
51220	.28	1.14	51576	.22	.077	51959	.37	(a)	53096	.108	(a)
51221	.154	1.12	51600	.15	.156	51960	.048	.248	53121	.31	.41
51222	.187	3.29	51613	.099	.10	51970	.211	.131	53147	.028	(a)
51224	.196	.96	51625	.042	(a)	51982	.062	.056	53229	.158	(a)
51230	.033	.54	51666	.081	.059	51985	.044	—	53271	.058	(a)

\$100,000/200,000 BASIC LIMIT OCCURRENCE Premises/Operations (Prem/Ops) (Subline Code 334) Territory 502 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	.155	.215	55715	.242	.147	56918	.063	(a)	58096	.216	1.08
53374	.124	.145	55716	.35	.33	56919	.16	(a)	58301	.05	.075
53375	.066	.205	55717	.211	(a)	56920	.146	(a)	58302	.058	.034
53376	.105	.128	55718	.205	(a)	56980	.12	(a)	58397	.34	.33
53377	.108	.132	55802	.082	.016	57001	.041	.025	58408	.037	—
53403	.068	(a)	55918	.139	1.32	57002	.027	.061	58409	.047	—
53425	.146	(a)	55919	.019	2.48	57090	.235	.72	58456	.025	—
53565	.079	.068	56040	.013	.019	57146	.149	.59	58457	.036	—
53631	.036	.016	56041	.086	(a)	57202	.107	(a)	58458	.047	—
53632	.041	.024	56042	.108	(a)	57257	.132	.046	58459	.056	—
53731	.038	(a)	56170	.144	(a)	57401	.075	.065	58503	.09	.054
53732	.26	.39	56171	.07	(a)	57403	.167	.025	58532	.116	(a)
53733	.168	.155	56202	.086	.053	57410	.036	.112	58559	.024	(a)
53734	.28	—	56390	.151	.59	57411	.036	(a)	58560	.057	(a)
53803	.35	(a)	56391	.129	.217	57572	.021	.084	58561	(a)	(a)
53901	(a)	(a)	56427	.208	.089	57600	.063	.025	58575	.074	.081
53902	(a)	(a)	56488	.136	.043	57611	.077	.036	58627	.236	.008
53903	(a)	(a)	56567	.149	(a)	57625	.56	(a)	58663	.33	.46
53904	(a)	(a)	56650	.45	(a)	57651	.068	.039	58682	.21	(a)
53905	(a)	(a)	56651	.247	(a)	57690	.10	.32	58713	.052	(a)
53907	.113	.072	56652	.177	(a)	57716	.047	.069	58737	.153	.36
53951	(a)	(a)	56653	.17	(a)	57725	.104	.07	58756	.062	(a)
53952	(a)	(a)	56654	.087	(a)	57726	.081	.022	58757	.51	(a)
53953	(a)	(a)	56690	.071	.26	57798	.034	(a)	58759	.063	(a)
54012	.028	—	56699	.096	.059	57800	.128	(a)	58802	.072	.32
54077	.155	.30	56758	.081	.11	57808	.04	(a)	58813	.151	(a)
54444	(a)	(a)	56759	.083	.069	57809	.041	(a)	58822	.199	(a)
55010	.47	.61	56760	.12	.077	57810	.04	.089	58837	.30	.128
55011	.126	1.73	56805	.157	(a)	57871	.047	.073	58840	.091	.092
55012	.151	.86	56806	.111	(a)	57913	.166	.182	58873	.145	.018
55013	.132	1.00	56807	.11	(a)	57997	.063	—	58903	.046	(a)
55014	(a)	(a)	56808	.144	(a)	57998	.074	.044	58904	.035	.089
55214	.122	.062	56900	.139	(a)	57999	.065	.055	58922	.241	.176
55371	.32	.082	56910	.069	(a)	58009	.065	(a)	59005	.086	.055
55410	(a)	(a)	56911	.128	(a)	58010	.171	(a)	59057	.64	(a)
55426	.16	(a)	56912	.104	.082	58020	.18	(a)	59058	.41	(a)
55597	.031	1.22	56913	.085	(a)	58056	.204	(a)	59188	.36	.039
55647	.061	.07	56915	.50	(a)	58057	.128	(a)	59189	.49	.207
55648	.028	(a)	56916	.45	.26	58058	.115	(a)	59223	.15	.118
55649	.033	(a)	56917	.131	(a)	58095	.162	1.05	59257	.023	.008

DIVISION SIX

PREM/OPS TERR. 502

GENERAL LIABILITY

PROD/COPS

LOSS COST PAGES

\$100,000/200,000 BASIC LIMIT OCCURRENCE Premises/Operations (Prem/Ops) (Subline Code 334) Territory 502 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	.146	(a)	59923	.016	.004	62003	20.00	—	91125	2.05	1.65
59378	.097	.103	59925	.30	1.11	63010	51.50	—	91127	1.63	1.04
59481	.39	.081	59926	.26	.57	63011	64.40	—	91130	.99	—
59482	.37	(a)	59927	.172	.88	63012	91.50	—	91135	.28	(a)
59537	.105	.207	59931	.30	.32	63013	86.70	—	91150	1.54	4.85
59601	.148	1.44	59932	.33	.57	63215	66.30	—	91155	3.42	24.70
59647	.166	.118	59941	.101	(a)	63216	46.00	—	91160	.82	—
59660	.27	.55	59947	.067	.214	63217	96.30	—	91175	.71	—
59661	.133	(a)	59955	.039	.098	63218	32.40	—	91177	3.10	—
59693	.022	—	59963	.29	.26	63219	(a)	—	91179	3.11	—
59695	(a)	(a)	59964	.68	.052	63220	(a)	—	91190	1.67	(a)
59701	.011	.36	59970	.09	.121	64074	23.40	—	91200	.56	—
59713	.243	.247	59973	.186	(a)	64075	16.50	—	91210	(a)	—
59722	.126	.019	59975	.126	.099	64500	(a)	—	91235	1.88	2.02
59723	.047	.025	59977	.072	(a)	65007	40.40	—	91250	2.83	(a)
59724	.073	.016	59984	.051	.034	66122	17.40	—	91265	12.10	2.95
59725	.091	.094	59985	.199	(a)	66123	9.55	—	91266	6.39	.78
59726	.066	.02	59986	.152	(a)	66309	27.90	—	91280	(a)	2.34
59738	.21	.043	59988	.032	.041	66561	64.60	—	91302	8.03	(a)
59750	.078	.106	59989	.027	.031	67017	59.90	—	91315	2.44	—
59751	.028	(a)	60010	28.60	—	67508	68.80	—	91324	5.43	(a)
59773	.021	.019	60011	32.90	—	67509	50.40	—	91325	(a)	(a)
59774	.017	.105	60012	54.10	—	67510	28.10	—	91340	3.54	7.13
59775	.022	.133	60013	46.30	—	67511	30.40	—	91341	3.55	3.71
59781	.068	.049	60015	34.60	—	67512	130.00	—	91342	3.25	3.42
59782	.101	.63	60016	38.90	—	67513	82.50	—	91343	.78	1.38
59783	.099	(a)	60035	45.50	—	67634	51.90	—	91405	4.13	—
59784	.076	(a)	61000	28.30	—	67635	36.70	—	91436	4.02	2.00
59790	.162	(a)	61212	23.20	—	68001	112.00	—	91481	14.70	—
59798	.26	.29	61216	25.80	—	68439	144.00	—	91507	2.16	2.85
59806	.185	(a)	61217	23.50	—	68500	6.29	—	91523	33.30	—
59867	.183	(a)	61218	16.00	—	68604	2.69	—	91547	.19	—
59886	.025	.072	61223	114.00	—	68606	10.50	—	91551	1.18	.66
59889	.069	.176	61224	36.30	—	68607	8.32	—	91555	1.13	.93
59892	.099	(a)	61225	50.40	—	68702	6.85	—	91560	3.53	4.13
59904	.067	.11	61226	84.80	—	68703	5.13	—	91562	2.62	—
59905	.114	.10	61227	77.60	—	68706	22.00	—	91577	9.37	2.99
59914	.67	.58	62000	17.70	—	68707	21.80	—	91580	4.66	—
59915	.222	.51	62001	13.90	—	90089	3.40	—	91581	(a)	(a)
59917	.041	.195	62002	6.37	—	91111	2.43	5.27	91582	(a)	(a)

\$100,000/200,000 BASIC LIMIT OCCURRENCE Premises/Operations (Prem/Ops) (Subline Code 334) Territory 502 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	1.88	2.48	98308	.90	.98
91584	(a)	(a)	94569	2.31	3.71	97308	.49	—	98309	4.23	2.16
91585	(a)	(a)	94590	9.97	—	97447	1.62	4.85	98344	.55	.75
91586	(a)	(a)	94617	3.15	—	97501	(a)	—	98405	.91	—
91587	(a)	(a)	94638	(a)	—	97502	(a)	—	98413	11.40	(a)
91588	(a)	(a)	95124	1.16	1.30	97503	(a)	—	98414	10.40	(a)
91589	(a)	(a)	95233	2.49	—	97504	(a)	—	98415	1.37	(a)
91590	2.72	—	95305	2.71	—	97650	2.88	3.42	98423	3.25	(a)
91591	(a)	(a)	95306	3.88	—	97651	4.80	4.13	98424	5.51	(a)
91606	9.67	—	95310	6.46	1.05	97652	4.16	4.42	98425	2.26	(a)
91618	(a)	(a)	95357	.99	—	97653	2.46	2.85	98426	2.00	(a)
91629	1.98	(a)	95358	(a)	—	97654	4.30	2.71	98427	1.95	—
91636	3.39	—	95410	3.49	2.57	97655	3.71	3.99	98428	(a)	—
91641	.92	(a)	95455	4.09	1.57	98002	.67	.90	98429	.88	—
91666	.73	(a)	95487	1.87	(a)	98003	.77	(a)	98430	(a)	—
91722	2.96	(a)	95505	1.91	2.00	98090	.104	—	98449	2.79	25.20
91746	2.62	5.27	95620	1.52	(a)	98091	.113	—	98482	3.00	5.84
91805	.164	—	95625	3.84	3.42	98092	.34	—	98483	4.42	14.30
92053	.40	.67	95630	(a)	(a)	98111	.48	—	98502	4.23	3.42
92054	.139	.26	95647	2.27	5.27	98150	(a)	—	98555	1.97	—
92055	3.88	.26	95648	(a)	(a)	98151	(a)	—	98597	.44	—
92101	6.07	2.85	96053	1.72	3.99	98152	2.26	.45	98598	.152	—
92102	3.65	3.14	96317	1.02	—	98153	2.54	(a)	98601	5.07	(a)
92215	2.70	2.85	96408	3.02	10.60	98154	3.00	(a)	98622	(a)	—
92338	1.40	1.85	96409	2.79	7.53	98155	4.20	(a)	98623	(a)	—
92445	1.94	—	96410	2.45	7.84	98156	(a)	(a)	98624	.80	—
92446	4.61	1.71	96611	.81	1.33	98157	2.68	.30	98636	2.31	3.28
92447	4.03	1.41	96702	3.48	(a)	98158	(a)	(a)	98640	87.40	—
92451	1.88	2.14	96703	(a)	—	98159	1.80	(a)	98658	4.34	—
92453	2.55	—	96816	3.26	—	98160	3.81	(a)	98659	.78	.35
92478	1.26	1.57	96872	3.63	(a)	98161	4.27	(a)	98677	13.80	9.41
92593	24.70	—	96930	(a)	—	98162	(a)	(a)	98678	12.20	12.40
92663	.46	—	97002	(a)	(a)	98163	4.48	.173	98698	(a)	(a)
94007	8.66	4.56	97003	(a)	(a)	98164	1.59	.06	98699	3.98	(a)
94099	1.97	—	97047	2.47	—	98257	1.16	—	98705	6.14	—
94225	6.94	—	97050	1.92	—	98303	8.43	5.90	98710	2.77	—
94276	3.62	3.99	97111	4.17	—	98304	4.31	3.54	98751	3.28	—
94304	2.40	(a)	97220	.26	(a)	98305	1.98	1.77	98805	3.62	1.36
94381	4.51	9.35	97221	(a)	1.10	98306	5.11	.96	98806	2.15	3.28
94404	3.43	3.64	97222	1.25	1.57	98307	1.37	.53	98810	2.80	—

\$100,000/200,000 BASIC LIMIT OCCURRENCE Premises/Operations (Prem/Ops) (Subline Code 334) Territory 502 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	2.70	1.97	99620	.38	—						
98820	6.90	3.28	99650	1.02	.96						
98871	(a)	(a)	99709	2.52	(a)						
98884	1.79	2.00	99718	1.11	—						
98914	.53	.47	99746	1.88	2.99						
98949	.74	.27	99760	.215	—						
98967	2.82	10.00	99777	4.85	—						
98993	4.42	3.20	99793	2.39	—						
99003	1.34	1.20	99798	(a)	(a)						
99004	2.24	1.43	99803	(a)	7.47						
99080	.95	6.70	99826	.55	.69						
99081	(a)	—	99827	.34	.61						
99082	(a)	—	99851	1.39	—						
99083	(a)	—	99917	2.25	—						
99084	(a)	(a)	99938	2.53	—						
99085	(a)	(a)	99943	7.33	—						
99111	1.38	—	99946	5.46	2.10						
99160	(a)	—	99948	5.33	19.70						
99163	3.29	.35	99952	4.10	15.50						
99165	.72	(a)	99953	4.42	9.44						
99220	1.16	(a)	99954	3.22	12.20						
99221	(a)	(a)	99955	4.03	10.00						
99222	2.19	(a)	99963	.54	—						
99223	.202	(a)	99969	2.12	2.23						
99303	11.00	—	99975	3.58	—						
99310	2.76	(a)	99986	(a)	—						
99315	8.10	1.85	99987	(a)	—						
99321	7.86	2.14	99988	1.87	—						
99445	(a)	(a)									
99471	.53	—									
99505	3.74	—									
99506	4.60	—									
99507	4.01	—									
99570	2.15	(a)									
99571	.52	(a)									
99572	1.02	(a)									
99573	.97	(a)									
99600	.98	—									
99613	6.96	2.14									
99614	2.18	—									

\$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
10010	.173	.137	10150	.29	(a)	11204	.186	1.25	13111	.93	.067
10011	.041	(a)	10151	7.42	—	11205	(a)	—	13112	.051	.038
10012	.048	(a)	10160	1.32	—	11206	.44	—	13201	.58	.097
10015	13.60	—	10204	.133	—	11207	5.59	—	13204	.66	.68
10020	(a)	(a)	10205	.149	—	11208	.96	—	13205	.25	.27
10025	.041	(a)	10210	.239	(a)	11209	4.50	—	13206	(a)	(a)
10026	.38	.018	10211	.239	(a)	11210	1.92	—	13207	(a)	(a)
10027	.041	(a)	10220	2.80	—	11211	9.95	—	13208	(a)	(a)
10036	.43	(a)	10255	.159	.124	11212	1.51	—	13314	.071	.009
10040	.132	.30	10256	.58	.154	11213	1.23	—	13351	.174	.049
10042	.22	.31	10257	.11	.148	11214	3.03	—	13352	.177	.035
10052	9.40	—	10309	.096	.015	11222	.051	—	13410	.92	1.55
10054	8.34	—	10315	.226	(a)	11234	.168	.052	13411	(a)	(a)
10060	.105	.055	10331	18.40	—	11248	.03	.01	13412	.31	1.15
10065	.158	.05	10332	31.80	—	11258	1.00	.202	13453	.36	(a)
10066	.161	.063	10352	.48	.06	11259	1.07	.175	13454	.42	(a)
10070	.099	.094	10367	2.56	—	11273	8.30	—	13455	.42	(a)
10071	.189	.094	10368	3.75	—	11274	7.97	—	13461	(a)	(a)
10072	2.90	—	10375	(a)	—	11288	1.23	.08	13506	.55	.06
10073	.67	.43	10378	18.70	—	12014	.065	.036	13507	.66	.138
10075	4.97	.151	10379	8.66	—	12356	.70	.026	13590	.32	.59
10100	.83	.059	10380	14.80	—	12361	.06	.063	13621	.08	.32
10101	.143	.136	10381	12.80	—	12362	.109	(a)	13670	.034	.022
10105	1.54	—	11007	1.09	—	12373	.041	.024	13673	.76	.016
10107	2.05	.217	11020	.18	.174	12374	.37	.066	13715	.109	.088
10110	46.30	—	11039	.58	.071	12375	.18	.046	13716	.27	.092
10111	.217	.045	11052	3.60	—	12391	.082	.055	13720	.43	.059
10113	.214	—	11101	(a)	(a)	12393	.239	(a)	13759	.105	.098
10115	.42	.069	11120	(a)	—	12467	.099	(a)	13930	.232	.103
10117	13.50	—	11126	.037	.019	12509	.04	.02	14068	.023	.008
10119	(a)	—	11127	.55	.008	12510	.51	.022	14101	.27	.039
10120	30.30	—	11128	.74	.063	12583	.225	(a)	14279	.30	.062
10130	2.11	—	11138	4.61	—	12651	.66	.33	14401	1.01	.104
10132	1.81	—	11155	.127	—	12683	.30	(a)	14405	.64	—
10133	3.46	—	11160	(a)	(a)	12707	.71	.45	14527	.44	.139
10135	(a)	—	11167	.83	—	12797	.15	.153	14655	.053	—
10140	.028	.016	11168	4.31	—	12805	.192	.145	14731	3.57	—
10141	.055	.026	11201	9.54	—	12841	.32	—	14732	.26	—
10145	.27	.01	11202	2.82	—	12927	.056	—	14733	.37	—
10146	.37	.018	11203	1.28	.29	13049	.031	.042	14734	.158	—

DIVISION SIX

PREM/OPS TERR. 503

GENERAL LIABILITY

PROD/COPS

LOSS COST PAGES

\$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
14855	.14	.083	16670	7.65	—	18501	.81	.015	40072	(a)	—
14913	.199	.126	16676	.177	.013	18506	.28	.005	40075	70.00	—
15060	(a)	(a)	16694	.26	(a)	18507	.112	.007	40101	26.30	—
15061	(a)	(a)	16705	.35	.09	18570	1.17	—	40102	23.20	—
15062	.126	(a)	16722	(a)	—	18575	(a)	(a)	40111	15.00	—
15063	.147	(a)	16723	(a)	—	18616	.214	.42	40115	(a)	—
15070	.086	—	16750	.062	.036	18707	.016	.005	40117	(a)	—
15119	(a)	—	16751	.062	—	18708	.068	.02	40140	(a)	—
15120	(a)	—	16819	.76	(a)	18833	.195	(a)	41001	.51	—
15123	3.46	—	16820	.59	(a)	18834	.177	.10	41210	(a)	—
15124	1.21	—	16881	.97	(a)	18911	.56	.016	41421	.70	—
15188	.222	(a)	16890	.089	(a)	18912	1.05	.026	41422	.38	—
15223	.039	.032	16891	.097	(a)	18920	.27	.017	41510	28.10	—
15224	.45	.069	16892	.177	(a)	18991	(a)	—	41603	33.30	—
15300	(a)	—	16900	2.29	.083	19007	1.35	—	41604	18.30	—
15314	.127	(a)	16901	1.47	.113	19051	2.99	—	41620	.80	—
15404	.057	(a)	16902	1.25	.062	19061	(a)	—	41650	47.00	—
15405	.085	(a)	16905	2.41	.072	19795	.183	(a)	41664	64.10	—
15406	.215	.065	16906	1.54	.102	19796	.214	—	41665	7.51	—
15488	.54	(a)	16910	1.38	.053	40005	(a)	—	41666	(a)	—
15538	.226	.014	16911	1.25	.052	40006	(a)	—	41667	175.00	—
15600	.57	.082	16915	1.41	.051	40010	(a)	—	41668	164.00	—
15607	.112	—	16916	1.18	.06	40015	(a)	—	41669	1.15	—
15608	.127	.009	16920	3.13	.116	40020	(a)	—	41670	1.94	—
15656	3.76	—	16921	2.86	.046	40026	(a)	—	41672	(a)	—
15699	.28	—	16930	1.80	.144	40031	(a)	—	41673	(a)	—
15733	.14	.025	16931	1.94	.061	40032	(a)	—	41675	(a)	—
15839	.171	.023	16940	3.90	.046	40040	(a)	—	41677	.165	—
15991	.14	.064	16941	1.56	.082	40041	(a)	—	41678	58.20	—
15993	.118	.04	18078	.197	.127	40042	(a)	—	41679	(a)	(a)
16005	.058	.024	18109	.233	.026	40045	424.00	—	41680	24.40	—
16009	.172	.091	18110	.186	.028	40046	83.70	—	41696	.52	—
16402	.84	—	18200	(a)	—	40047	29.90	—	41697	.36	—
16403	.53	.139	18205	.30	.39	40059	10.70	—	41700	(a)	—
16404	.67	—	18206	.30	.097	40061	5.67	—	41715	15.50	—
16471	.159	—	18335	.217	.014	40063	190.00	—	41716	9.86	—
16501	.122	(a)	18435	.88	.065	40064	55.80	—	43007	(a)	—
16527	.187	.222	18436	.71	.141	40066	(a)	—	43117	(a)	—
16588	.08	(a)	18437	.31	(a)	40067	(a)	—	43151	34.80	—
16604	.134	.074	18438	.60	(a)	40069	(a)	—	43152	17.40	—

\$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
43200	133.00	—	44112	.73	—	45771	.25	.114	47254	(a)	—
43215	(a)	—	44113	(a)	—	45819	.081	.06	47318	17.90	—
43421	36.30	—	44193	(a)	—	45900	.065	.048	47367	.165	—
43422	191.00	—	44194	(a)	—	45901	.056	.03	47420	3.92	—
43424	(a)	—	44222	(a)	—	45937	.30	—	47468	(a)	—
43470	3.04	—	44276	178.00	—	45993	(a)	(a)	47469	7.05	—
43517	(a)	—	44277	115.00	—	46004	44.60	—	47471	6.11	—
43518	27.50	—	44280	.165	—	46005	35.70	—	47473	7.98	—
43550	130.00	—	44311	14.20	—	46112	.103	—	47474	8.92	—
43551	71.90	—	44315	9.54	—	46202	4.23	—	47475	7.05	—
43626	22.00	—	44427	95.10	—	46362	203.00	—	47476	7.05	—
43628	286.00	—	44428	95.60	—	46426	29.70	—	47477	9.39	—
43629	242.00	—	44429	1.43	—	46427	39.60	—	47478	9.86	—
43754	(a)	—	44430	1.00	—	46510	(a)	—	47600	(a)	—
43760	8.06	—	44431	3.18	—	46590	(a)	—	47610	(a)	—
43822	2.42	—	44432	1.01	—	46603	2.49	—	48039	94.00	—
43840	.03	—	44433	32.10	—	46604	2.87	—	48177	(a)	—
43860	1.90	—	44434	61.50	—	46606	7.66	—	48178	(a)	—
43889	.68	—	44435	63.70	—	46607	10.50	—	48206	58.10	—
43945	(a)	—	44436	74.30	—	46622	7.06	—	48252	(a)	—
43946	(a)	—	44437	61.60	—	46671	(a)	—	48441	.244	—
43990	(a)	(a)	44438	48.70	—	46700	267.00	—	48557	24.40	—
43991	(a)	—	44439	94.80	—	46773	(a)	—	48558	21.20	—
44009	4.21	—	44440	78.40	—	46822	(a)	—	48600	59.40	—
44010	(a)	(a)	44500	(a)	—	46881	(a)	—	48610	(a)	—
44069	23.50	—	44501	(a)	—	46882	(a)	—	48636	1.49	(a)
44070	6.96	—	45190	3.33	—	46911	43.50	—	48637	18.70	—
44071	7.74	—	45191	2.36	—	46912	79.70	—	48638	9.26	—
44072	5.34	—	45192	2.76	—	46913	(a)	—	48727	(a)	—
44100	2.19	—	45193	1.63	—	46914	(a)	—	48808	.96	—
44101	2.28	—	45210	2.06	—	46915	(a)	—	48924	(a)	—
44102	1.78	—	45224	(a)	—	46916	(a)	—	48925	447.00	—
44103	1.57	—	45225	(a)	—	47050	.66	—	49005	.112	—
44104	.66	—	45334	76.40	—	47051	(a)	—	49111	1.47	—
44105	(a)	—	45380	.164	(a)	47052	(a)	—	49181	30.70	—
44106	(a)	—	45450	22.50	—	47103	(a)	—	49183	37.40	—
44108	.78	—	45523	(a)	—	47146	(a)	—	49184	79.00	—
44109	1.96	—	45524	(a)	—	47147	(a)	—	49185	71.90	—
44110	2.01	—	45539	(a)	—	47221	292.00	—	49239	.123	.27
44111	1.23	—	45678	.178	—	47253	(a)	—	49292	2.25	—

DIVISION SIX

PREM/OPS TERR. 503

GENERAL LIABILITY

PROD/COPS

LOSS COST PAGES

\$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
49305	(a)	—	51240	.37	.193	51702	.141	(a)	51986	.181	.075
49333	16.50	—	51241	1.10	.197	51703	.058	(a)	51999	.076	.25
49451	(a)	—	51250	.236	(a)	51734	.109	.38	52002	.067	.086
49452	(a)	—	51251	.032	(a)	51741	.193	.246	52075	.173	.167
49617	.28	.153	51252	.112	.06	51752	.163	.137	52076	.209	(a)
49618	.239	.046	51253	.095	(a)	51767	.025	.005	52109	.017	(a)
49619	.45	.107	51254	.03	.019	51777	.087	.047	52134	.224	.44
49763	2.92	—	51255	.60	(a)	51790	.145	(a)	52137	.068	(a)
49800	(a)	—	51300	.12	.109	51796	.07	(a)	52150	.41	(a)
49801	258.00	—	51305	.12	.65	51808	.25	.43	52315	.113	.237
49802	22.80	—	51315	.08	.059	51809	.31	.164	52341	.043	(a)
49803	40.40	—	51330	.091	.97	51833	.13	.034	52342	.123	(a)
49840	.68	—	51333	.03	.28	51850	.22	(a)	52343	.075	(a)
49870	187.00	—	51340	.031	(a)	51851	.149	(a)	52401	.233	(a)
49890	(a)	—	51350	.201	.095	51852	.35	(a)	52402	.017	(a)
49891	(a)	—	51351	.18	.039	51853	.141	(a)	52432	.084	(a)
49902	(a)	—	51352	.247	.077	51854	.32	(a)	52433	.076	.47
49903	(a)	—	51355	.168	.081	51855	.33	(a)	52435	.096	(a)
50010	.181	.35	51356	.181	.42	51856	.182	(a)	52438	.069	(a)
50011	.082	(a)	51357	.113	1.18	51857	.31	(a)	52440	.109	(a)
50012	.067	(a)	51358	.27	.094	51869	.083	.102	52467	.101	(a)
50015	.117	(a)	51359	.239	.51	51877	.47	.128	52469	.035	.083
50017	.089	(a)	51370	.36	2.16	51889	.077	.007	52505	.175	.159
50018	.075	(a)	51380	.036	.026	51896	.036	.013	52547	.202	.049
50019	.048	(a)	51400	.213	(a)	51900	.097	.085	52581	.85	1.57
50045	.204	(a)	51401	.31	(a)	51909	.199	.04	52619	.06	(a)
50047	.023	(a)	51500	.069	.118	51919	.078	(a)	52660	.059	—
51001	.051	.31	51516	.05	—	51926	.079	.036	52744	.50	.039
51005	.011	(a)	51517	.056	—	51927	.043	.092	52767	.185	(a)
51116	.129	.52	51550	.085	.36	51934	.087	.066	52876	(a)	(a)
51201	.031	(a)	51551	.029	.70	51941	.079	.025	52911	.048	.35
51205	.094	.035	51552	.051	.113	51942	.126	—	52967	.018	.043
51206	.015	.40	51553	.091	(a)	51956	.34	.119	53001	.176	.213
51210	.089	(a)	51554	.009	(a)	51957	.30	.33	53077	.084	.172
51211	(a)	(a)	51575	.054	.02	51958	.27	.233	53095	.058	(a)
51220	.31	1.14	51576	.163	.077	51959	.27	(a)	53096	.08	(a)
51221	.17	1.12	51600	.111	.156	51960	.036	.248	53121	.229	.41
51222	.207	3.29	51613	.073	.10	51970	.156	.131	53147	.031	(a)
51224	.217	.96	51625	.047	(a)	51982	.046	.056	53229	.175	(a)
51230	.037	.54	51666	.085	.059	51985	.046	—	53271	.043	(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	.172	.215	55715	.18	.147	56918	.07	(a)	58096	.16	1.08
53374	.132	.145	55716	.26	.33	56919	.177	(a)	58301	.055	.075
53375	.07	.205	55717	.234	(a)	56920	.162	(a)	58302	.043	.034
53376	.112	.128	55718	.227	(a)	56980	.089	(a)	58397	.25	.33
53377	.114	.132	55802	.087	.016	57001	.031	.025	58408	.039	–
53403	.072	(a)	55918	.103	1.32	57002	.02	.061	58409	.05	–
53425	.162	(a)	55919	.014	2.48	57090	.26	.72	58456	.026	–
53565	.084	.068	56040	.01	.019	57146	.165	.59	58457	.038	–
53631	.027	.016	56041	.064	(a)	57202	.079	(a)	58458	.05	–
53632	.031	.024	56042	.08	(a)	57257	.098	.046	58459	.059	–
53731	.028	(a)	56170	.159	(a)	57401	.056	.065	58503	.067	.054
53732	.191	.39	56171	.078	(a)	57403	.178	.025	58532	.086	(a)
53733	.124	.155	56202	.064	.053	57410	.027	.112	58559	.018	(a)
53734	.30	–	56390	.112	.59	57411	.04	(a)	58560	.042	(a)
53803	.39	(a)	56391	.096	.217	57572	.016	.084	58561	(a)	(a)
53901	(a)	(a)	56427	.154	.089	57600	.047	.025	58575	.055	.081
53902	(a)	(a)	56488	.145	.043	57611	.085	.036	58627	.175	.008
53903	(a)	(a)	56567	.165	(a)	57625	.41	(a)	58663	.36	.46
53904	(a)	(a)	56650	.50	(a)	57651	.05	.039	58682	.156	(a)
53905	(a)	(a)	56651	.27	(a)	57690	.111	.32	58713	.055	(a)
53907	.084	.072	56652	.196	(a)	57716	.053	.069	58737	.113	.36
53951	(a)	(a)	56653	.189	(a)	57725	.115	.07	58756	.068	(a)
53952	(a)	(a)	56654	.097	(a)	57726	.089	.022	58757	.38	(a)
53953	(a)	(a)	56690	.075	.26	57798	.025	(a)	58759	.047	(a)
54012	.03	–	56699	.071	.059	57800	.095	(a)	58802	.053	.32
54077	.115	.30	56758	.06	.11	57808	.044	(a)	58813	.167	(a)
54444	(a)	(a)	56759	.062	.069	57809	.045	(a)	58822	.147	(a)
55010	.35	.61	56760	.089	.077	57810	.044	.089	58837	.34	.128
55011	.094	1.73	56805	.117	(a)	57871	.053	.073	58840	.101	.092
55012	.112	.86	56806	.083	(a)	57913	.123	.182	58873	.16	.018
55013	.146	1.00	56807	.082	(a)	57997	.066	–	58903	.034	(a)
55014	(a)	(a)	56808	.107	(a)	57998	.055	.044	58904	.026	.089
55214	.09	.062	56900	.103	(a)	57999	.072	.055	58922	.27	.176
55371	.34	.082	56910	.051	(a)	58009	.072	(a)	59005	.064	.055
55410	(a)	(a)	56911	.142	(a)	58010	.127	(a)	59057	.47	(a)
55426	.177	(a)	56912	.115	.082	58020	.191	(a)	59058	.31	(a)
55597	.023	1.22	56913	.094	(a)	58056	.151	(a)	59188	.38	.039
55647	.045	.07	56915	.55	(a)	58057	.095	(a)	59189	.52	.207
55648	.02	(a)	56916	.50	.26	58058	.085	(a)	59223	.166	.118
55649	.024	(a)	56917	.145	(a)	58095	.12	1.05	59257	.017	.008

DIVISION SIX

PREM/OPS TERR. 503

GENERAL LIABILITY

PROD/COPS

LOSS COST PAGES

\$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
59306	.108	(a)	59923	.012	.004	62003	15.70	—	91125	2.05	1.65
59378	.108	.103	59925	.246	1.11	63010	35.20	—	91127	1.63	1.04
59481	.29	.081	59926	.209	.57	63011	44.00	—	91130	.99	—
59482	.39	(a)	59927	.14	.88	63012	62.60	—	91135	.28	(a)
59537	.116	.207	59931	.224	.32	63013	59.20	—	91150	1.54	4.85
59601	.109	1.44	59932	.241	.57	63215	51.90	—	91155	3.42	24.70
59647	.176	.118	59941	.075	(a)	63216	36.00	—	91160	.82	—
59660	.201	.55	59947	.074	.214	63217	85.10	—	91175	.71	—
59661	.099	(a)	59955	.029	.098	63218	28.70	—	91177	3.10	—
59693	.017	—	59963	.214	.26	63219	(a)	—	91179	3.11	—
59695	(a)	(a)	59964	.50	.052	63220	(a)	—	91190	1.67	(a)
59701	.008	.36	59970	.099	.121	64074	23.50	—	91200	.56	—
59713	.18	.247	59973	.138	(a)	64075	16.50	—	91210	(a)	—
59722	.093	.019	59975	.139	.099	64500	(a)	—	91235	1.88	2.02
59723	.035	.025	59977	.079	(a)	65007	31.60	—	91250	2.83	(a)
59724	.054	.016	59984	.038	.034	66122	13.60	—	91265	12.10	2.95
59725	.067	.094	59985	.148	(a)	66123	7.48	—	91266	6.39	.78
59726	.049	.02	59986	.113	(a)	66309	21.80	—	91280	(a)	2.34
59738	.156	.043	59988	.035	.041	66561	50.60	—	91302	8.03	(a)
59750	.087	.106	59989	.02	.031	67017	46.90	—	91315	2.44	—
59751	.031	(a)	60010	19.60	—	67508	56.40	—	91324	5.43	(a)
59773	.022	.019	60011	22.50	—	67509	41.30	—	91325	(a)	(a)
59774	.018	.105	60012	37.00	—	67510	23.00	—	91340	3.54	7.13
59775	.024	.133	60013	31.70	—	67511	24.90	—	91341	3.55	3.71
59781	.075	.049	60015	23.70	—	67512	107.00	—	91342	3.25	3.42
59782	.112	.63	60016	26.60	—	67513	67.60	—	91343	.78	1.38
59783	.109	(a)	60035	35.60	—	67634	40.60	—	91405	4.13	—
59784	.084	(a)	61000	19.40	—	67635	28.70	—	91436	4.02	2.00
59790	.12	(a)	61212	18.20	—	68001	87.70	—	91481	14.70	—
59798	.29	.29	61216	20.20	—	68439	113.00	—	91507	2.16	2.85
59806	.204	(a)	61217	18.40	—	68500	4.30	—	91523	33.30	—
59867	.135	(a)	61218	12.60	—	68604	2.11	—	91547	.19	—
59886	.018	.072	61223	89.20	—	68606	8.24	—	91551	1.18	.66
59889	.074	.176	61224	28.40	—	68607	6.51	—	91555	1.13	.93
59892	.109	(a)	61225	39.50	—	68702	5.37	—	91560	3.53	4.13
59904	.074	.11	61226	66.40	—	68703	4.02	—	91562	2.62	—
59905	.085	.10	61227	60.80	—	68706	17.20	—	91577	9.37	2.99
59914	.50	.58	62000	13.80	—	68707	17.00	—	91580	4.66	—
59915	.246	.51	62001	10.90	—	90089	3.40	—	91581	(a)	(a)
59917	.045	.195	62002	4.98	—	91111	2.43	5.27	91582	(a)	(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
91583	(a)	(a)	94444	(a)	(a)	97223	1.88	2.48	98308	.90	.98
91584	(a)	(a)	94569	2.31	3.71	97308	.49	—	98309	4.23	2.16
91585	(a)	(a)	94590	9.97	—	97447	1.62	4.85	98344	.55	.75
91586	(a)	(a)	94617	3.15	—	97501	(a)	—	98405	.91	—
91587	(a)	(a)	94638	(a)	—	97502	(a)	—	98413	11.40	(a)
91588	(a)	(a)	95124	1.16	1.30	97503	(a)	—	98414	10.40	(a)
91589	(a)	(a)	95233	2.49	—	97504	(a)	—	98415	1.37	(a)
91590	2.72	—	95305	2.71	—	97650	2.88	3.42	98423	3.25	(a)
91591	(a)	(a)	95306	3.88	—	97651	4.80	4.13	98424	5.51	(a)
91606	9.67	—	95310	6.46	1.05	97652	4.16	4.42	98425	2.26	(a)
91618	(a)	(a)	95357	.99	—	97653	2.46	2.85	98426	2.00	(a)
91629	1.98	(a)	95358	(a)	—	97654	4.30	2.71	98427	1.95	—
91636	3.39	—	95410	3.49	2.57	97655	3.71	3.99	98428	(a)	—
91641	.92	(a)	95455	4.09	1.57	98002	.67	.90	98429	.88	—
91666	.73	(a)	95487	1.87	(a)	98003	.77	(a)	98430	(a)	—
91722	2.96	(a)	95505	1.91	2.00	98090	.104	—	98449	2.79	25.20
91746	2.62	5.27	95620	1.52	(a)	98091	.113	—	98482	3.00	5.84
91805	.164	—	95625	3.84	3.42	98092	.34	—	98483	4.42	14.30
92053	.40	.67	95630	(a)	(a)	98111	.48	—	98502	4.23	3.42
92054	.139	.26	95647	2.27	5.27	98150	(a)	—	98555	1.97	—
92055	3.88	.26	95648	(a)	(a)	98151	(a)	—	98597	.44	—
92101	6.07	2.85	96053	1.72	3.99	98152	2.26	.45	98598	.152	—
92102	3.65	3.14	96317	1.02	—	98153	2.54	(a)	98601	5.07	(a)
92215	2.70	2.85	96408	3.02	10.60	98154	3.00	(a)	98622	(a)	—
92338	1.40	1.85	96409	2.79	7.53	98155	4.20	(a)	98623	(a)	—
92445	1.94	—	96410	2.45	7.84	98156	(a)	(a)	98624	.80	—
92446	4.61	1.71	96611	.81	1.33	98157	2.68	.30	98636	2.31	3.28
92447	4.03	1.41	96702	3.48	(a)	98158	(a)	(a)	98640	87.40	—
92451	1.88	2.14	96703	(a)	—	98159	1.80	(a)	98658	4.34	—
92453	2.55	—	96816	3.26	—	98160	3.81	(a)	98659	.78	.35
92478	1.26	1.57	96872	3.63	(a)	98161	4.27	(a)	98677	13.80	9.41
92593	24.70	—	96930	(a)	—	98162	(a)	(a)	98678	12.20	12.40
92663	.46	—	97002	(a)	(a)	98163	4.48	.173	98698	(a)	(a)
94007	8.66	4.56	97003	(a)	(a)	98164	1.59	.06	98699	3.98	(a)
94099	1.97	—	97047	2.47	—	98257	1.16	—	98705	6.14	—
94225	6.94	—	97050	1.92	—	98303	8.43	5.90	98710	2.77	—
94276	3.62	3.99	97111	4.17	—	98304	4.31	3.54	98751	3.28	—
94304	2.40	(a)	97220	.26	(a)	98305	1.98	1.77	98805	3.62	1.36
94381	4.51	9.35	97221	(a)	1.10	98306	5.11	.96	98806	2.15	3.28
94404	3.43	3.64	97222	1.25	1.57	98307	1.37	.53	98810	2.80	—

\$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
98813	2.70	1.97	99620	.38	—						
98820	6.90	3.28	99650	1.02	.96						
98871	(a)	(a)	99709	2.52	(a)						
98884	1.79	2.00	99718	1.11	—						
98914	.53	.47	99746	1.88	2.99						
98949	.74	.27	99760	.215	—						
98967	2.82	10.00	99777	4.85	—						
98993	4.42	3.20	99793	2.39	—						
99003	1.34	1.20	99798	(a)	(a)						
99004	2.24	1.43	99803	(a)	7.47						
99080	.95	6.70	99826	.55	.69						
99081	(a)	—	99827	.34	.61						
99082	(a)	—	99851	1.39	—						
99083	(a)	—	99917	2.25	—						
99084	(a)	(a)	99938	2.53	—						
99085	(a)	(a)	99943	7.33	—						
99111	1.38	—	99946	5.46	2.10						
99160	(a)	—	99948	5.33	19.70						
99163	3.29	.35	99952	4.10	15.50						
99165	.72	(a)	99953	4.42	9.44						
99220	1.16	(a)	99954	3.22	12.20						
99221	(a)	(a)	99955	4.03	10.00						
99222	2.19	(a)	99963	.54	—						
99223	.202	(a)	99969	2.12	2.23						
99303	11.00	—	99975	3.58	—						
99310	2.76	(a)	99986	(a)	—						
99315	8.10	1.85	99987	(a)	—						
99321	7.86	2.14	99988	1.87	—						
99445	(a)	(a)									
99471	.53	—									
99505	3.74	—									
99506	4.60	—									
99507	4.01	—									
99570	2.15	(a)									
99571	.52	(a)									
99572	1.02	(a)									
99573	.97	(a)									
99600	.98	—									
99613	6.96	2.14									
99614	2.18	—									

\$100,000/200,000 BASIC LIMIT OCCURRENCE Premises/Operations (Prem/Ops) (Subline Code 334) Territory 504 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	.245	.137	10150	.80	(a)	11204	.51	1.25	13111	1.19	.067
10011	.059	(a)	10151	20.20	—	11205	(a)	—	13112	.094	.038
10012	.068	(a)	10160	3.60	—	11206	.49	—	13201	.59	.097
10015	14.80	—	10204	.36	—	11207	6.17	—	13204	.67	.68
10020	(a)	(a)	10205	.41	—	11208	1.06	—	13205	.26	.27
10025	.059	(a)	10210	.65	(a)	11209	4.97	—	13206	(a)	(a)
10026	1.05	.018	10211	.65	(a)	11210	2.12	—	13207	(a)	(a)
10027	.059	(a)	10220	7.65	—	11211	11.00	—	13208	(a)	(a)
10036	.44	(a)	10255	.162	.124	11212	1.66	—	13314	.195	.009
10040	.187	.30	10256	.59	.154	11213	1.36	—	13351	.47	.049
10042	.60	.31	10257	.112	.148	11214	3.34	—	13352	.48	.035
10052	10.20	—	10309	.26	.015	11222	.056	—	13410	.93	1.55
10054	9.08	—	10315	.62	(a)	11234	.46	.052	13411	(a)	(a)
10060	.29	.055	10331	20.10	—	11248	.031	.01	13412	.31	1.15
10065	.43	.05	10332	34.60	—	11258	1.29	.202	13453	.36	(a)
10066	.44	.063	10352	.62	.06	11259	1.38	.175	13454	.42	(a)
10070	.14	.094	10367	2.83	—	11273	22.70	—	13455	.43	(a)
10071	.52	.094	10368	4.14	—	11274	21.70	—	13461	(a)	(a)
10072	3.20	—	10375	(a)	—	11288	1.58	.08	13506	1.49	.06
10073	.68	.43	10378	20.30	—	12014	.066	.036	13507	1.79	.138
10075	5.05	.151	10379	9.43	—	12356	1.92	.026	13590	.32	.59
10100	1.07	.059	10380	16.10	—	12361	.11	.063	13621	.081	.32
10101	.39	.136	10381	14.00	—	12362	.154	(a)	13670	.062	.022
10105	4.21	—	11007	1.20	—	12373	.059	.024	13673	.97	.016
10107	2.08	.217	11020	.49	.174	12374	1.00	.066	13715	.154	.088
10110	50.40	—	11039	.59	.071	12375	.49	.046	13716	.74	.092
10111	.31	.045	11052	5.72	—	12391	.116	.055	13720	.55	.059
10113	.58	—	11101	(a)	(a)	12393	.65	(a)	13759	.29	.098
10115	1.16	.069	11120	(a)	—	12467	.27	(a)	13930	.33	.103
10117	14.70	—	11126	.102	.019	12509	.04	.02	14068	.063	.008
10119	(a)	—	11127	.78	.008	12510	.51	.022	14101	.74	.039
10120	33.00	—	11128	1.05	.063	12583	.228	(a)	14279	.31	.062
10130	5.75	—	11138	5.02	—	12651	.67	.33	14401	1.30	.104
10132	4.95	—	11155	.35	—	12683	.30	(a)	14405	.71	—
10133	5.50	—	11160	(a)	(a)	12707	1.01	.45	14527	.63	.139
10135	(a)	—	11167	1.32	—	12797	.213	.153	14655	.144	—
10140	.051	.016	11168	6.83	—	12805	.52	.145	14731	5.67	—
10141	.101	.026	11201	10.50	—	12841	.87	—	14732	.42	—
10145	.49	.01	11202	3.12	—	12927	.152	—	14733	1.01	—
10146	.48	.018	11203	1.82	.29	13049	.057	.042	14734	.43	—

DIVISION SIX

PREM/OPS TERR. 504

GENERAL LIABILITY

PROD/COPS

LOSS COST PAGES

\$100,000/200,000 BASIC LIMIT OCCURRENCE Premises/Operations (Prem/Ops) (Subline Code 334) Territory 504 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	.143	.083	16670	8.33	—	18501	1.04	.015	40072	(a)	—
14913	.54	.126	16676	.48	.013	18506	.29	.005	40075	43.10	—
15060	(a)	(a)	16694	.27	(a)	18507	.30	.007	40101	22.50	—
15061	(a)	(a)	16705	.49	.09	18570	3.18	—	40102	19.90	—
15062	.128	(a)	16722	(a)	—	18575	(a)	(a)	40111	16.40	—
15063	.149	(a)	16723	(a)	—	18616	.217	.42	40115	(a)	—
15070	.095	—	16750	.169	.036	18707	.023	.005	40117	(a)	—
15119	(a)	—	16751	.169	—	18708	.186	.02	40140	(a)	—
15120	(a)	—	16819	.77	(a)	18833	.28	(a)	41001	.55	—
15123	5.48	—	16820	.60	(a)	18834	.48	.10	41210	(a)	—
15124	1.92	—	16881	2.65	(a)	18911	1.52	.016	41421	.68	—
15188	.225	(a)	16890	.091	(a)	18912	2.87	.026	41422	.36	—
15223	.073	.032	16891	.099	(a)	18920	.74	.017	41510	76.60	—
15224	.58	.069	16892	.18	(a)	18991	(a)	—	41603	32.20	—
15300	(a)	—	16900	3.38	.083	19007	2.14	—	41604	17.70	—
15314	.35	(a)	16901	2.17	.113	19051	4.75	—	41620	.88	—
15404	.058	(a)	16902	1.84	.062	19061	(a)	—	41650	45.30	—
15405	.086	(a)	16905	3.56	.072	19795	.50	(a)	41664	69.90	—
15406	.219	.065	16906	2.27	.102	19796	.58	—	41665	8.18	—
15488	.55	(a)	16910	2.03	.053	40005	(a)	—	41666	(a)	—
15538	.62	.014	16911	1.84	.052	40006	(a)	—	41667	191.00	—
15600	1.56	.082	16915	2.08	.051	40010	(a)	—	41668	179.00	—
15607	.124	—	16916	1.73	.06	40015	(a)	—	41669	1.25	—
15608	.35	.009	16920	4.61	.116	40020	(a)	—	41670	2.11	—
15656	10.20	—	16921	4.22	.046	40026	(a)	—	41672	(a)	—
15699	.31	—	16930	2.65	.144	40031	(a)	—	41673	(a)	—
15733	.143	.025	16931	2.86	.061	40032	(a)	—	41675	(a)	—
15839	.47	.023	16940	5.76	.046	40040	(a)	—	41677	.182	—
15991	.38	.064	16941	2.31	.082	40041	(a)	—	41678	46.20	—
15993	.32	.04	18078	.28	.127	40042	(a)	—	41679	(a)	(a)
16005	.082	.024	18109	.63	.026	40045	461.00	—	41680	23.60	—
16009	.175	.091	18110	.51	.028	40046	91.20	—	41696	.58	—
16402	2.30	—	18200	(a)	—	40047	32.50	—	41697	.40	—
16403	1.46	.139	18205	.43	.39	40059	11.60	—	41700	(a)	—
16404	1.84	—	18206	.82	.097	40061	6.17	—	41715	15.00	—
16471	.175	—	18335	.59	.014	40063	207.00	—	41716	9.52	—
16501	.173	(a)	18435	1.13	.065	40064	60.70	—	43007	(a)	—
16527	.27	.222	18436	.91	.141	40066	(a)	—	43117	(a)	—
16588	.081	(a)	18437	.85	(a)	40067	(a)	—	43151	21.50	—
16604	.136	.074	18438	1.62	(a)	40069	(a)	—	43152	13.80	—

\$100,000/200,000 BASIC LIMIT OCCURRENCE Premises/Operations (Prem/Ops) (Subline Code 334) Territory 504 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	81.70	—	44112	2.47	—	45771	.25	.114	47254	(a)	—
43215	(a)	—	44113	(a)	—	45819	.083	.06	47318	19.50	—
43421	22.40	—	44193	(a)	—	45900	.178	.048	47367	.182	—
43422	117.00	—	44194	(a)	—	45901	.152	.03	47420	4.27	—
43424	(a)	—	44222	(a)	—	45937	.185	—	47468	(a)	—
43470	3.36	—	44276	110.00	—	45993	(a)	(a)	47469	6.80	—
43517	(a)	—	44277	71.10	—	46004	43.10	—	47471	5.90	—
43518	30.00	—	44280	.182	—	46005	34.50	—	47473	7.71	—
43550	79.80	—	44311	15.50	—	46112	.089	—	47474	8.62	—
43551	44.30	—	44315	10.40	—	46202	3.63	—	47475	6.80	—
43626	23.90	—	44427	81.40	—	46362	161.00	—	47476	6.80	—
43628	311.00	—	44428	81.90	—	46426	23.60	—	47477	9.07	—
43629	264.00	—	44429	1.23	—	46427	31.50	—	47478	9.52	—
43754	(a)	—	44430	.85	—	46510	(a)	—	47600	(a)	—
43760	8.78	—	44431	2.72	—	46590	(a)	—	47610	(a)	—
43822	2.67	—	44432	.86	—	46603	1.98	—	48039	57.90	—
43840	.033	—	44433	27.50	—	46604	2.28	—	48177	(a)	—
43860	2.10	—	44434	52.60	—	46606	6.08	—	48178	(a)	—
43889	.75	—	44435	54.50	—	46607	8.36	—	48206	63.30	—
43945	(a)	—	44436	63.70	—	46622	7.80	—	48252	(a)	—
43946	(a)	—	44437	52.80	—	46671	(a)	—	48441	.27	—
43990	(a)	(a)	44438	41.70	—	46700	164.00	—	48557	26.60	—
43991	(a)	—	44439	81.20	—	46773	(a)	—	48558	23.10	—
44009	6.68	—	44440	67.20	—	46822	(a)	—	48600	47.10	—
44010	(a)	(a)	44500	(a)	—	46881	(a)	—	48610	(a)	—
44069	25.60	—	44501	(a)	—	46882	(a)	—	48636	1.15	(a)
44070	7.58	—	45190	2.86	—	46911	47.40	—	48637	20.30	—
44071	8.43	—	45191	2.03	—	46912	86.80	—	48638	10.10	—
44072	5.82	—	45192	2.38	—	46913	(a)	—	48727	(a)	—
44100	7.40	—	45193	1.40	—	46914	(a)	—	48808	2.62	—
44101	7.71	—	45210	1.77	—	46915	(a)	—	48924	(a)	—
44102	6.01	—	45224	(a)	—	46916	(a)	—	48925	486.00	—
44103	5.32	—	45225	(a)	—	47050	.73	—	49005	.124	—
44104	2.24	—	45334	47.10	—	47051	(a)	—	49111	4.01	—
44105	(a)	—	45380	.167	(a)	47052	(a)	—	49181	18.90	—
44106	(a)	—	45450	13.80	—	47103	(a)	—	49183	23.10	—
44108	2.62	—	45523	(a)	—	47146	(a)	—	49184	48.70	—
44109	6.63	—	45524	(a)	—	47147	(a)	—	49185	44.30	—
44110	6.79	—	45539	(a)	—	47221	180.00	—	49239	.125	.27
44111	4.16	—	45678	.197	—	47253	(a)	—	49292	1.38	—

DIVISION SIX

PREM/OPS TERR. 504

GENERAL LIABILITY

PROD/COPS

LOSS COST PAGES

\$100,000/200,000 BASIC LIMIT OCCURRENCE Premises/Operations (Prem/Ops) (Subline Code 334) Territory 504 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	.26	.193	51702	.109	(a)	51986	.128	.075
49333	10.20	—	51241	.78	.197	51703	.045	(a)	51999	.054	.25
49451	(a)	—	51250	.182	(a)	51734	.085	.38	52002	.047	.086
49452	(a)	—	51251	.023	(a)	51741	.137	.246	52075	.134	.167
49617	.45	.153	51252	.079	.06	51752	.116	.137	52076	.161	(a)
49618	.38	.046	51253	.068	(a)	51767	.024	.005	52109	.012	(a)
49619	.71	.107	51254	.021	.019	51777	.082	.047	52134	.159	.44
49763	4.63	—	51255	.46	(a)	51790	.137	(a)	52137	.053	(a)
49800	(a)	—	51300	.113	.109	51796	.05	(a)	52150	.29	(a)
49801	159.00	—	51305	.113	.65	51808	.177	.43	52315	.107	.237
49802	14.10	—	51315	.081	.059	51809	.22	.164	52341	.033	(a)
49803	24.90	—	51330	.07	.97	51833	.123	.034	52342	.096	(a)
49840	.75	—	51333	.023	.28	51850	.17	(a)	52343	.058	(a)
49870	203.00	—	51340	.022	(a)	51851	.115	(a)	52401	.18	(a)
49890	(a)	—	51350	.191	.095	51852	.27	(a)	52402	.012	(a)
49891	(a)	—	51351	.171	.039	51853	.109	(a)	52432	.059	(a)
49902	(a)	—	51352	.234	.077	51854	.244	(a)	52433	.054	.47
49903	(a)	—	51355	.159	.081	51855	.26	(a)	52435	.068	(a)
50010	.128	.35	51356	.172	.42	51856	.141	(a)	52438	.049	(a)
50011	.064	(a)	51357	.115	1.18	51857	.241	(a)	52440	.077	(a)
50012	.047	(a)	51358	.28	.094	51869	.059	.102	52467	.071	(a)
50015	.083	(a)	51359	.243	.51	51877	.33	.128	52469	.025	.083
50017	.063	(a)	51370	.26	2.16	51889	.054	.007	52505	.124	.159
50018	.058	(a)	51380	.026	.026	51896	.025	.013	52547	.156	.049
50019	.034	(a)	51400	.165	(a)	51900	.092	.085	52581	.61	1.57
50045	.145	(a)	51401	.243	(a)	51909	.154	.04	52619	.043	(a)
50047	.016	(a)	51500	.049	.118	51919	.055	(a)	52660	.065	—
51001	.04	.31	51516	.055	—	51926	.056	.036	52744	.47	.039
51005	.008	(a)	51517	.062	—	51927	.03	.092	52767	.143	(a)
51116	.10	.52	51550	.06	.36	51934	.061	.066	52876	(a)	(a)
51201	.022	(a)	51551	.021	.70	51941	.056	.025	52911	.034	.35
51205	.067	.035	51552	.036	.113	51942	.089	—	52967	.013	.043
51206	.01	.40	51553	.064	(a)	51956	.241	.119	53001	.124	.213
51210	.069	(a)	51554	.006	(a)	51957	.212	.33	53077	.06	.172
51211	(a)	(a)	51575	.051	.02	51958	.188	.233	53095	.041	(a)
51220	.237	1.14	51576	.116	.077	51959	.193	(a)	53096	.057	(a)
51221	.132	1.12	51600	.079	.156	51960	.025	.248	53121	.162	.41
51222	.16	3.29	51613	.052	.10	51970	.111	.131	53147	.024	(a)
51224	.168	.96	51625	.036	(a)	51982	.033	.056	53229	.135	(a)
51230	.029	.54	51666	.081	.059	51985	.051	—	53271	.031	(a)

\$100,000/200,000 BASIC LIMIT OCCURRENCE Premises/Operations (Prem/Ops) (Subline Code 334) Territory 504 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	.133	.215	55715	.127	.147	56918	.054	(a)	58096	.113	1.08
53374	.125	.145	55716	.184	.33	56919	.137	(a)	58301	.043	.075
53375	.066	.205	55717	.181	(a)	56920	.125	(a)	58302	.031	.034
53376	.106	.128	55718	.176	(a)	56980	.063	(a)	58397	.177	.33
53377	.108	.132	55802	.082	.016	57001	.022	.025	58408	.043	–
53403	.068	(a)	55918	.073	1.32	57002	.014	.061	58409	.055	–
53425	.125	(a)	55919	.01	2.48	57090	.201	.72	58456	.029	–
53565	.08	.068	56040	.007	.019	57146	.127	.59	58457	.042	–
53631	.019	.016	56041	.045	(a)	57202	.056	(a)	58458	.055	–
53632	.022	.024	56042	.057	(a)	57257	.069	.046	58459	.066	–
53731	.02	(a)	56170	.123	(a)	57401	.039	.065	58503	.047	.054
53732	.135	.39	56171	.06	(a)	57403	.168	.025	58532	.061	(a)
53733	.088	.155	56202	.045	.053	57410	.019	.112	58559	.012	(a)
53734	.33	–	56390	.079	.59	57411	.031	(a)	58560	.03	(a)
53803	.30	(a)	56391	.068	.217	57572	.011	.084	58561	(a)	(a)
53901	(a)	(a)	56427	.109	.089	57600	.033	.025	58575	.039	.081
53902	(a)	(a)	56488	.137	.043	57611	.066	.036	58627	.124	.008
53903	(a)	(a)	56567	.127	(a)	57625	.29	(a)	58663	.28	.46
53904	(a)	(a)	56650	.39	(a)	57651	.036	.039	58682	.11	(a)
53905	(a)	(a)	56651	.212	(a)	57690	.086	.32	58713	.052	(a)
53907	.06	.072	56652	.152	(a)	57716	.041	.069	58737	.08	.36
53951	(a)	(a)	56653	.146	(a)	57725	.089	.07	58756	.053	(a)
53952	(a)	(a)	56654	.075	(a)	57726	.069	.022	58757	.27	(a)
53953	(a)	(a)	56690	.071	.26	57798	.018	(a)	58759	.033	(a)
54012	.033	–	56699	.05	.059	57800	.067	(a)	58802	.038	.32
54077	.081	.30	56758	.043	.11	57808	.034	(a)	58813	.13	(a)
54444	(a)	(a)	56759	.044	.069	57809	.035	(a)	58822	.104	(a)
55010	.246	.61	56760	.063	.077	57810	.034	.089	58837	.26	.128
55011	.066	1.73	56805	.083	(a)	57871	.041	.073	58840	.078	.092
55012	.079	.86	56806	.059	(a)	57913	.087	.182	58873	.124	.018
55013	.113	1.00	56807	.058	(a)	57997	.073	–	58903	.024	(a)
55014	(a)	(a)	56808	.076	(a)	57998	.039	.044	58904	.018	.089
55214	.064	.062	56900	.073	(a)	57999	.056	.055	58922	.206	.176
55371	.32	.082	56910	.036	(a)	58009	.056	(a)	59005	.045	.055
55410	(a)	(a)	56911	.11	(a)	58010	.09	(a)	59057	.34	(a)
55426	.137	(a)	56912	.089	.082	58020	.181	(a)	59058	.217	(a)
55597	.016	1.22	56913	.072	(a)	58056	.107	(a)	59188	.36	.039
55647	.032	.07	56915	.43	(a)	58057	.067	(a)	59189	.49	.207
55648	.015	(a)	56916	.39	.26	58058	.061	(a)	59223	.129	.118
55649	.017	(a)	56917	.112	(a)	58095	.085	1.05	59257	.012	.008

DIVISION SIX

PREM/OPS TERR. 504

GENERAL LIABILITY

PROD/COPS

LOSS COST PAGES

\$100,000/200,000 BASIC LIMIT OCCURRENCE Premises/Operations (Prem/Ops) (Subline Code 334) Territory 504 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	.077	(a)	59923	.009	.004	62003	12.50	—	91125	2.05	1.65
59378	.083	.103	59925	.249	1.11	63010	34.50	—	91127	1.63	1.04
59481	.206	.081	59926	.212	.57	63011	43.10	—	91130	.99	—
59482	.37	(a)	59927	.143	.88	63012	61.30	—	91135	.28	(a)
59537	.09	.207	59931	.159	.32	63013	58.10	—	91150	1.54	4.85
59601	.078	1.44	59932	.171	.57	63215	41.20	—	91155	3.42	24.70
59647	.167	.118	59941	.053	(a)	63216	28.60	—	91160	.82	—
59660	.143	.55	59947	.057	.214	63217	92.70	—	91175	.71	—
59661	.07	(a)	59955	.02	.098	63218	31.20	—	91177	3.10	—
59693	.012	—	59963	.151	.26	63219	(a)	—	91179	3.11	—
59695	(a)	(a)	59964	.35	.052	63220	(a)	—	91190	1.67	(a)
59701	.006	.36	59970	.077	.121	64074	20.20	—	91200	.56	—
59713	.128	.247	59973	.098	(a)	64075	14.20	—	91210	(a)	—
59722	.066	.019	59975	.108	.099	64500	(a)	—	91235	1.88	2.02
59723	.025	.025	59977	.062	(a)	65007	25.10	—	91250	2.83	(a)
59724	.038	.016	59984	.027	.034	66122	10.80	—	91265	12.10	2.95
59725	.048	.094	59985	.105	(a)	66123	5.93	—	91266	6.39	.78
59726	.035	.02	59986	.08	(a)	66309	17.30	—	91280	(a)	2.34
59738	.11	.043	59988	.027	.041	66561	40.10	—	91302	8.03	(a)
59750	.067	.106	59989	.014	.031	67017	37.20	—	91315	2.44	—
59751	.024	(a)	60010	19.20	—	67508	54.40	—	91324	5.43	(a)
59773	.021	.019	60011	22.00	—	67509	39.90	—	91325	(a)	(a)
59774	.017	.105	60012	36.20	—	67510	22.20	—	91340	3.54	7.13
59775	.022	.133	60013	31.10	—	67511	24.00	—	91341	3.55	3.71
59781	.058	.049	60015	23.20	—	67512	103.00	—	91342	3.25	3.42
59782	.087	.63	60016	26.10	—	67513	65.30	—	91343	.78	1.38
59783	.085	(a)	60035	28.30	—	67634	32.20	—	91405	4.13	—
59784	.065	(a)	61000	19.00	—	67635	22.80	—	91436	4.02	2.00
59790	.085	(a)	61212	14.40	—	68001	69.60	—	91481	14.70	—
59798	.221	.29	61216	16.00	—	68439	89.50	—	91507	2.16	2.85
59806	.158	(a)	61217	14.60	—	68500	4.22	—	91523	33.30	—
59867	.096	(a)	61218	9.96	—	68604	1.67	—	91547	.19	—
59886	.013	.072	61223	70.80	—	68606	6.54	—	91551	1.18	.66
59889	.07	.176	61224	22.60	—	68607	5.17	—	91555	1.13	.93
59892	.085	(a)	61225	31.30	—	68702	4.26	—	91560	3.53	4.13
59904	.057	.11	61226	52.70	—	68703	3.19	—	91562	2.62	—
59905	.06	.10	61227	48.20	—	68706	13.70	—	91577	9.37	2.99
59914	.35	.58	62000	11.00	—	68707	13.50	—	91580	4.66	—
59915	.19	.51	62001	8.66	—	90089	3.40	—	91581	(a)	(a)
59917	.035	.195	62002	3.96	—	91111	2.43	5.27	91582	(a)	(a)

\$100,000/200,000 BASIC LIMIT OCCURRENCE Premises/Operations (Prem/Ops) (Subline Code 334) Territory 504 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	1.88	2.48	98308	.90	.98
91584	(a)	(a)	94569	2.31	3.71	97308	.49	—	98309	4.23	2.16
91585	(a)	(a)	94590	9.97	—	97447	1.62	4.85	98344	.55	.75
91586	(a)	(a)	94617	3.15	—	97501	(a)	—	98405	.91	—
91587	(a)	(a)	94638	(a)	—	97502	(a)	—	98413	11.40	(a)
91588	(a)	(a)	95124	1.16	1.30	97503	(a)	—	98414	10.40	(a)
91589	(a)	(a)	95233	2.49	—	97504	(a)	—	98415	1.37	(a)
91590	2.72	—	95305	2.71	—	97650	2.88	3.42	98423	3.25	(a)
91591	(a)	(a)	95306	3.88	—	97651	4.80	4.13	98424	5.51	(a)
91606	9.67	—	95310	6.46	1.05	97652	4.16	4.42	98425	2.26	(a)
91618	(a)	(a)	95357	.99	—	97653	2.46	2.85	98426	2.00	(a)
91629	1.98	(a)	95358	(a)	—	97654	4.30	2.71	98427	1.95	—
91636	3.39	—	95410	3.49	2.57	97655	3.71	3.99	98428	(a)	—
91641	.92	(a)	95455	4.09	1.57	98002	.67	.90	98429	.88	—
91666	.73	(a)	95487	1.87	(a)	98003	.77	(a)	98430	(a)	—
91722	2.96	(a)	95505	1.91	2.00	98090	.104	—	98449	2.79	25.20
91746	2.62	5.27	95620	1.52	(a)	98091	.113	—	98482	3.00	5.84
91805	.164	—	95625	3.84	3.42	98092	.34	—	98483	4.42	14.30
92053	.40	.67	95630	(a)	(a)	98111	.48	—	98502	4.23	3.42
92054	.139	.26	95647	2.27	5.27	98150	(a)	—	98555	1.97	—
92055	3.88	.26	95648	(a)	(a)	98151	(a)	—	98597	.44	—
92101	6.07	2.85	96053	1.72	3.99	98152	2.26	.45	98598	.152	—
92102	3.65	3.14	96317	1.02	—	98153	2.54	(a)	98601	5.07	(a)
92215	2.70	2.85	96408	3.02	10.60	98154	3.00	(a)	98622	(a)	—
92338	1.40	1.85	96409	2.79	7.53	98155	4.20	(a)	98623	(a)	—
92445	1.94	—	96410	2.45	7.84	98156	(a)	(a)	98624	.80	—
92446	4.61	1.71	96611	.81	1.33	98157	2.68	.30	98636	2.31	3.28
92447	4.03	1.41	96702	3.48	(a)	98158	(a)	(a)	98640	87.40	—
92451	1.88	2.14	96703	(a)	—	98159	1.80	(a)	98658	4.34	—
92453	2.55	—	96816	3.26	—	98160	3.81	(a)	98659	.78	.35
92478	1.26	1.57	96872	3.63	(a)	98161	4.27	(a)	98677	13.80	9.41
92593	24.70	—	96930	(a)	—	98162	(a)	(a)	98678	12.20	12.40
92663	.46	—	97002	(a)	(a)	98163	4.48	.173	98698	(a)	(a)
94007	8.66	4.56	97003	(a)	(a)	98164	1.59	.06	98699	3.98	(a)
94099	1.97	—	97047	2.47	—	98257	1.16	—	98705	6.14	—
94225	6.94	—	97050	1.92	—	98303	8.43	5.90	98710	2.77	—
94276	3.62	3.99	97111	4.17	—	98304	4.31	3.54	98751	3.28	—
94304	2.40	(a)	97220	.26	(a)	98305	1.98	1.77	98805	3.62	1.36
94381	4.51	9.35	97221	(a)	1.10	98306	5.11	.96	98806	2.15	3.28
94404	3.43	3.64	97222	1.25	1.57	98307	1.37	.53	98810	2.80	—

\$100,000/200,000 BASIC LIMIT OCCURRENCE Premises/Operations (Prem/Ops) (Subline Code 334) Territory 504 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	2.70	1.97	99620	.38	—						
98820	6.90	3.28	99650	1.02	.96						
98871	(a)	(a)	99709	2.52	(a)						
98884	1.79	2.00	99718	1.11	—						
98914	.53	.47	99746	1.88	2.99						
98949	.74	.27	99760	.215	—						
98967	2.82	10.00	99777	4.85	—						
98993	4.42	3.20	99793	2.39	—						
99003	1.34	1.20	99798	(a)	(a)						
99004	2.24	1.43	99803	(a)	7.47						
99080	.95	6.70	99826	.55	.69						
99081	(a)	—	99827	.34	.61						
99082	(a)	—	99851	1.39	—						
99083	(a)	—	99917	2.25	—						
99084	(a)	(a)	99938	2.53	—						
99085	(a)	(a)	99943	7.33	—						
99111	1.38	—	99946	5.46	2.10						
99160	(a)	—	99948	5.33	19.70						
99163	3.29	.35	99952	4.10	15.50						
99165	.72	(a)	99953	4.42	9.44						
99220	1.16	(a)	99954	3.22	12.20						
99221	(a)	(a)	99955	4.03	10.00						
99222	2.19	(a)	99963	.54	—						
99223	.202	(a)	99969	2.12	2.23						
99303	11.00	—	99975	3.58	—						
99310	2.76	(a)	99986	(a)	—						
99315	8.10	1.85	99987	(a)	—						
99321	7.86	2.14	99988	1.87	—						
99445	(a)	(a)									
99471	.53	—									
99505	3.74	—									
99506	4.60	—									
99507	4.01	—									
99570	2.15	(a)									
99571	.52	(a)									
99572	1.02	(a)									
99573	.97	(a)									
99600	.98	—									
99613	6.96	2.14									
99614	2.18	—									