

LOSS COSTS – IMPLEMENTATION

DECEMBER 14, 2023

GENERAL LIABILITY

LI-GL-2023-265

UTAH GENERAL LIABILITY ADVISORY PROSPECTIVE LOSS COST REVISION TO BE IMPLEMENTED

KEY MESSAGE

Revised overall prospective loss costs for **-5.8%** to be implemented.

BACKGROUND

In circular [LI-GL-2023-211](#), 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 May 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 May 1, 2024, the multiplier must be based on the relationship between your gross rates and the ISO advisory prospective loss costs contained in this circular.

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 MARCH 27, 2024. 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-133912487, 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 5-24 (or the earliest possible subsequent date), along with any new and/or revised manual pages.

RELATED RULES REVISION

We are announcing in a separate circular the implementation of a corresponding rules revision. Please refer to the Reference(s) block for identification of that circular.

REFERENCE(S)

- [LI-GL-2023-266](#) (12/14/2023) Utah General Liability Rule 24. Revision To Be Implemented
- [LI-GL-2023-211](#) (10/25/2023) General Liability Basic Limit Experience For 2023 Group 4 Jurisdictions Reviewed By Staff
- [LI-CL-2023-005](#) (02/21/2023) Commercial Lines Revised Lead Time Requirements Listing

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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UTAH 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 -5.8% change from the current ISO loss costs. Please note that throughout this document the term loss costs means advisory prospective loss costs.
 - provides the analyses used to derive these advisory loss costs.
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DEFINITION OF
THE ISO
ADVISORY
PROSPECTIVE
LOSS COSTS

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

CONSIDERATION
OF COVID-19

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

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

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

LOSS COST
LEVEL CHANGES

The statewide advisory loss cost level changes are:

<u>SUBLINE</u>	<u>INDICATED</u>	<u>SELECTED</u>
M&C	-7.2%	-7.2%
OL&T	-3.5%	-3.5%
Premises/Operations	-5.7%	-5.7%
Products	-10.4%	-10.4%
Local Products/Completed Operations	-5.0%	-5.0%
Products/Completed Operations	-5.9%	-5.9%
GL Overall	-5.8%	-5.8%

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.

REVISION OF
EXECUTIVE
OFFICERS,
INDIVIDUAL
INSUREDS AND
CO-PARTNERS
PAYROLL
AMOUNTS
(RULE 24)

This filing reflects revisions being made to Rule 24 in the companion rule filing GL-2023-RBOP. In determining the exposure amounts for payroll-based risks, the payroll amounts to be used for executive officers, individual insureds and co-partners are subject to Rule 24.E.2.m. In the companion rule filing the current payroll amounts are being increased by 25% relative to the current amounts for this state. An offset of 0.992 has been applied to the loss costs for payroll-based classes to reflect the change on a revenue neutral basis.

HISTORICAL
SOURCE DATA

The data used in this document is:

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

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

ADJUSTMENTS
TO
REPORTED
EXPERIENCE

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

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

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

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

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

TEN
LARGEST
COMPANY
GROUPS IN
ISO
DATA
BASE

OTHER LIABILITY (ASLOB 17.0)

PRODUCTS LIABILITY (ASLOB 18.0)

1. Travelers Indemnity Co.	1. Fireman's Fund Insurance Co.
2. Zurich American Insurance Co.	2. Selective Insurance Group
3. Cincinnati Insurance Co.	3. Cincinnati Insurance Co.
4. XL Specialty Insurance Co.	4. Travelers Indemnity Co.
5. Continental Casualty Co..	5. Continental Casualty Co..
6. Liberty Mutual Insurance Co.	6. Liberty Mutual Insurance Co.
7. Employers Mutual Cas Co.	7. Zurich American Insurance Co.
8. Admiral Insurance Co.	8. United Fire & Casualty Co.
9. Acuity A Mutual Insurance Co.	9. Nationwide Mutual Insurance Co.
10. Builders Insurance Mutual Captive Co.	10. Sentry Insurance Mutual Insurance Co.

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

SIZE
OF
ISO
DATA
BASE

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

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

Statewide - Other Liability (ASLOB 17.0)	26.0 %
Multistate - Products Liability (ASLOB 18.0)	30.9 %

COMPANY
DECISION

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

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

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UTAH
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		-6.5%	-6.5%	-6.5%
OL&T		+3.0%	0.0%	0.0%
Prem/Ops Combined		-2.9%	-4.0%	-4.0%
Products		-7.5%	-7.5%	-7.5%
Local Products/Completed Ops		-14.5%	-14.5%	-14.5%
Products/Completed Operations		-13.4%	-13.4%	-13.4%
General Liability Overall	5/1/2023	-5.7%	-6.6%	-6.6%

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		-6.1%	-6.1%	-6.1%
OL&T		+3.5%	+3.5%	+3.5%
Prem/Ops Combined		-2.1%	-2.1%	-2.1%
Products		-2.8%	-2.8%	-2.8%
Local Products/Completed Ops		+6.2%	+6.2%	+6.2%
Products/Completed Operations		+4.5%	+4.5%	+4.5%
General Liability Overall	3/1/2022	-0.5%	-0.5%	-0.5%

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		-1.1%	-1.1%	-1.1%
OL&T		+5.5%	+4.4%	+4.4%
Prem/Ops Combined		+1.8%	+1.3%	+1.3%
Products		+2.4%	+2.4%	+2.4%
Local Products/Completed Ops		+12.6%	+12.6%	+12.6%
Products/Completed Operations		+10.6%	+10.6%	+10.6%
General Liability Overall	3/1/2021	+3.8%	+3.4%	+3.4%

**UTAH
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-2021-BGL1 filing for Premises/Operations and GL-2022-BGL1 filing for Products/LPCO to include a fourth year to calculate the weighted average of the Premises/Operations and Products/Completed Operations experience ratios. Equal weights are assigned to each year.</p> <p>For Premises/Operations, in order to minimize the impact of random variation in the observed losses, the average experience ratio is then credibility-weighted with the expected experience ratio, which reflects trend and the relative adequacy of current loss costs. This credibility-weighted experience ratio is the indicated statewide advisory loss cost level change in decimal form.</p> <p>For Products/Completed Operations, the average experience ratio is the indicated multistate advisory loss cost level change, in decimal form. Products/Completed Operations data is assumed to be fully credible.</p>
EXPERIENCE 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.

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 September 30, 2019, 2020, 2021, and 2022 are weighted 25%, 25%, 25% and 25% respectively. For Products/Completed Operations, multistate data for accident years ending December 31, 2018, 2019, 2020, and 2021 are weighted 25%, 25%, 25% and 25% respectively.

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

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

EXPLANATORY NOTES TO RELATIVE CHANGE ANALYSIS

OBJECTIVES

The objectives of this procedure are to:

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

EXPERIENCE BASE

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

SIMULTANEOUS DETERMINATION OF RATING VARIABLE RELATIVE CHANGES

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

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

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

RATING VARIABLES USED

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

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

EXPLANATORY NOTES TO RELATIVE CHANGE ANALYSIS

ITERATIVE PROCEDURE

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

For Owners, Landlords and Tenants:

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

TOP_i is the relative change for the i^{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

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

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

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

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

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

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

W is the credibility-weighted relative change.

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

EXPLANATORY NOTES TO RELATIVE CHANGE ANALYSIS

MULTILINE CONSIDERATIONS

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

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

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

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

MONOLINE INDICATIONS -- PREMISES/ OPERATIONS

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

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

Territory applies to Owners, Landlords and Tenants only.

MONOLINE INDICATIONS -- PRODUCTS

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

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

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 December 31, 2022. Products/Completed Operations data is evaluated as of March 31, 2022.

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

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

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

EXPLANATION OF EXPOSURE DEVELOPMENT

APPLICATION OF EXPOSURE DEVELOPMENT FACTORS (Cont'd)

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

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 December 31, 2022. Products/Completed Operations data is evaluated as of March 31, 2022.

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

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

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

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

EXPLANATION OF LOSS DEVELOPMENT

APPLICATION OF LOSS DEVELOPMENT FACTORS (Cont'd)

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

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

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

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

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

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

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

EXPLANATION OF ALLOCATED LOSS ADJUSTMENT EXPENSE (ALAE) DEVELOPMENT

OBJECTIVE

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

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

INCREMENTAL ALAE PERCENTAGES

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

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

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

EXPLANATION OF ALLOCATED LOSS ADJUSTMENT EXPENSE (ALAE) DEVELOPMENT

DESCRIPTION OF METHODOLOGY

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

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

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

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

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

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

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

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

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

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

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

IMPACT OF COVID-19 ON GENERAL LIABILITY LOSS COSTS

LOSS COST ADJUSTMENTS GENERAL LIABILITY (Cont'd)

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

UTAH

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)	- 8.0%	- 4.1%	- 6.4%				
Statewide Indicated Monoline Loss Cost Level Change (See Section B)	- 7.2%	- 3.5%	- 5.7%	- 10.4%*	- 5.0%**	- 5.9%	- 5.8%
Statewide Selected Monoline Loss Cost Level Change	- 7.2%	- 3.5%	- 5.7%	- 10.4%*	- 5.0%	- 5.9%	- 5.8%

* 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.

UTAH

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

<u>CODE</u>	<u>TERRITORY 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
001	Entire State	\$7,040,710	- 3.5%	- 3.5%
	STATEWIDE TOTAL	\$7,040,710	- 3.5%	- 3.5%

UTAH
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	\$ 721,751	- 9.1%	- 9.7%
31	LIGHT CONTRACTING	\$ 978,808	- 7.1%	- 7.8%
32	MEDIUM CONTRACTING	\$ 4,395,873	- 5.6%	- 6.4%
33	HEAVY CONTRACTING	\$ 1,492,532	- 6.1%	- 6.9%
34	DEALERS OR DISTRIBUTORS	\$ 639,285	- 8.4%	- 6.2%
35	LIGHT MANUFACTURERS	\$ 158,028	- 8.4%	- 6.6%
36	MEDIUM MANUFACTURERS	\$ 976,542	- 11.8%	- 9.6%
37	HEAVY MANUFACTURERS	\$ 480,710	- 12.3%	- 10.4%
38	MISCELLANEOUS OPERATIONS	\$ 457,854	- 6.6%	- 4.4%
	TOTAL	\$ 10,301,381	- 7.2%	- 7.2%

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)	\$ 567,982	- 5.2%	- 5.3%
02	RESTAURANTS	\$ 1,118,586	- 7.1%	- 7.2%
03	STORES	\$ 944,968	- 2.6%	- 2.4%
04	VENDING AND RENTAL	\$ 17,785	- 5.5%	- 5.5%
05	FOOD AND BEVERAGE DISTRIBUTORS	\$ 54,686	- 5.6%	- 5.0%
06	NON-(FOOD AND BEVERAGE) DISTRIB.	\$ 250,827	- 4.2%	- 4.0%
07	CLUBS, AMUSEMENTS AND SPORTS	\$ 527,593	- 2.8%	- 2.8%
08	HEALTH CARE FACILITIES	\$ 18,088	- 2.3%	- 2.4%
09	HOTELS AND MOTELS	\$ 722,029	+ 1.3%	+ 1.3%
10	SCHOOLS AND CHURCHES	\$ 175,697	- 1.1%	- 1.1%
11	APARTMENTS	\$ 374,418	- 0.7%	- 0.7%
12	BUILDINGS AND OFFICES	\$ 1,997,471	- 4.1%	- 4.1%
13	MISCELLANEOUS PREMISES	\$ 53,335	- 0.9%	- 0.9%
16	GOVERNMENTAL SUBDIVISIONS	\$ 217,245	- 2.8%	- 2.8%
	TOTAL	\$ 7,040,710	- 3.5%	- 3.5%

UTAH

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%	\$ 203,859	- 16.4%	- 16.4%
04	DEALERS OR DISTRIBUTORS-NOT FOOD OR DRUG	\$ 38,212,336	- 12.1%	\$ 403,581	- 11.7%	- 11.7%
05	MANUFACTURERS-NOT FOOD OR DRUG-LOW	\$ 4,439,588	- 13.4%	\$ 54,856	- 14.7%	- 14.7%
06	MANUFACTURERS-NOT FOOD OR DRUG-MEDIUM	\$ 34,541,014	- 14.6%	\$ 473,389	- 5.7%	- 5.7%
07	MANUFACTURERS-NOT FOOD OR DRUG-HIGH	\$ 8,255,091	- 15.8%	\$ 39,533	- 17.9%	- 17.9%
	PRODUCTS SUBTOTAL	\$ 114,019,542	- 14.4%	\$ 1,175,218	- 10.4%	- 10.4%
01	RETAIL STORES-FOOD OR DRUG			\$ 83,295	+ 11.9%	+ 11.5%
02	RETAIL STORES-NOT FOOD OR DRUG			\$ 211,010	- 3.3%	- 3.7%
11	COMPLETED OPERATIONS-LOW			\$ 275,764	- 0.7%	- 0.7%
12	COMPLETED OPERATIONS-MEDIUM			\$ 4,755,274	- 5.6%	- 5.6%
13	COMPLETED OPERATIONS-HIGH			\$ 302,402	- 5.1%	- 5.1%
	LOCAL PRODUCTS/COMPLETED OPERATIONS SUBTOTAL			\$ 5,627,746	- 5.0%	- 5.0%
	TOTAL			\$ 6,802,964	- 5.9%	- 5.9%

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

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

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

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

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

- M&C classes reflect an upper cap of +25% and a lower cap of -27% relative to current loss costs;
- OL&T classes reflect an upper cap of +25% and a lower cap of -24% 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 -25% 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: 0.992 OL&T: 1.000 LP/CO: 1.003

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

NOTE: The offset of 0.992 has been applied to the loss costs for the payroll-based classes to reflect the change in payroll amount for executive officers, individual insureds or copartners on a revenue neutral basis.

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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
10010	001	0.102	0.106	-3.8		10145	001	0.330	0.350	-5.7		11201	001	8.850	9.260	-4.4	
10011	001	0.024	0.025	-4.0		10146	001	0.410	0.440	-6.8		11202	001	2.620	2.740	-4.4	
10012	001	0.028	0.029	-3.4		10150	001	0.560	0.580	-3.4		11203	001	0.760	0.790	-3.8	
10015	001	7.260	7.470	-2.8		10151	001	14.200	14.500	-2.1		11204	001	0.360	0.360	0.0	
10025	001	0.024	0.025	-4.0		10160	001	2.520	2.580	-2.3		11206	001	0.410	0.430	-4.7	
10026	001	0.730	0.750	-2.7		10204	001	0.250	0.260	-3.8		11207	001	5.190	5.420	-4.2	
10027	001	0.024	0.025	-4.0		10205	001	0.280	0.290	-3.4		11208	001	0.890	0.930	-4.3	
10036	001	0.390	0.420	-7.1		10210	001	0.460	0.470	-2.1		11209	001	4.180	4.370	-4.3	
10040	001	0.078	0.081	-3.7		10211	001	0.460	0.470	-2.1		11210	001	1.780	1.860	-4.3	
10042	001	0.420	0.430	-2.3		10220	001	5.360	5.480	-2.2		11211	001	9.240	9.660	-4.3	
10052	001	5.020	5.170	-2.9		10255	001	0.145	0.155	-6.5		11212	001	1.400	1.460	-4.1	
10054	001	4.460	4.580	-2.6		10256	001	0.530	0.570	-7.0		11213	001	1.140	1.190	-4.2	
10060	001	0.201	0.206	-2.4		10257	001	0.100	0.107	-6.5		11214	001	2.810	2.940	-4.4	
10065	001	0.300	0.310	-3.2		10309	001	0.184	0.188	-2.1		11222	001	0.047	0.049	-4.1	
10066	001	0.310	0.320	-3.1		10315	001	0.430	0.440	-2.3		11234	001	0.320	0.330	-3.0	
10070	001	0.058	0.061	-4.9		10331	001	9.850	10.100	-2.5		11248	001	0.028	0.029	-3.4	
10071	001	0.360	0.370	-2.7		10332	001	17.000	17.500	-2.9		11258	001	1.120	1.180	-5.1	
10072	001	2.690	2.810	-4.3		10352	001	0.540	0.570	-5.3		11259	001	1.200	1.270	-5.5	
10073	001	0.610	0.650	-6.2		10367	001	2.380	2.490	-4.4		11273	001	15.900	16.200	-1.9	
10075	001	4.530	4.820	-6.0		10368	001	3.480	3.640	-4.4		11274	001	15.200	15.600	-2.6	
10100	001	0.930	0.980	-5.1		10378	001	9.970	10.300	-3.2		11288	001	1.370	1.450	-5.5	
10101	001	0.270	0.280	-3.6		10379	001	4.630	4.760	-2.7		12014	001	0.060	0.063	-4.8	
10105	001	2.950	3.020	-2.3		10380	001	7.900	8.130	-2.8		12356	001	1.350	1.380	-2.2	
10107	001	1.870	1.980	-5.6		10381	001	6.850	7.040	-2.7		12361	001	0.074	0.078	-5.1	
10110	001	24.700	25.400	-2.8		11007	001	1.010	1.060	-4.7		12362	001	0.064	0.067	-4.5	
10111	001	0.128	0.133	-3.8		11020	001	0.340	0.350	-2.9		12373	001	0.024	0.025	-4.0	
10113	001	0.410	0.420	-2.4		11039	001	0.530	0.560	-5.4		12374	001	0.700	0.720	-2.8	
10115	001	0.810	0.830	-2.4		11052	001	2.660	2.810	-5.3		12375	001	0.340	0.350	-2.9	
10117	001	7.210	7.420	-2.8		11126	001	0.071	0.073	-2.7		12391	001	0.048	0.050	-4.0	
10120	001	16.200	16.600	-2.4		11127	001	0.330	0.340	-2.9		12393	001	0.460	0.470	-2.1	
10130	001	4.020	4.120	-2.4		11128	001	0.440	0.460	-4.3		12467	001	0.190	0.194	-2.1	
10132	001	3.470	3.550	-2.3		11138	001	2.460	2.530	-2.8		12509	001	0.036	0.039	-7.7	
10133	001	2.560	2.710	-5.5		11155	001	0.243	0.249	-2.4		12510	001	0.460	0.490	-6.1	
10140	001	0.034	0.036	-5.6		11167	001	0.610	0.650	-6.2		12583	001	0.205	0.218	-6.0	
10141	001	0.068	0.072	-5.6		11168	001	3.180	3.360	-5.4		12651	001	0.600	0.640	-6.3	

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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
12683	001	0.270	0.290	-6.9		14405	001	0.590	0.620	-4.8		16403	001	1.020	1.040	-1.9	
12707	001	0.420	0.440	-4.5		14527	001	0.260	0.270	-3.7		16404	001	1.290	1.320	-2.3	
12797	001	0.088	0.092	-4.3		14655	001	0.101	0.103	-1.9		16471	001	0.147	0.154	-4.5	
12805	001	0.370	0.380	-2.6		14731	001	2.640	2.790	-5.4		16501	001	0.072	0.075	-4.0	
12841	001	0.610	0.620	-1.6		14732	001	0.195	0.207	-5.8		16527	001	0.110	0.115	-4.3	
12927	001	0.107	0.109	-1.8		14733	001	0.710	0.720	-1.4		16588	001	0.073	0.077	-5.2	
13049	001	0.038	0.041	-7.3		14734	001	0.300	0.310	-3.2		16604	001	0.122	0.130	-6.2	
13111	001	1.040	1.100	-5.5		14855	001	0.128	0.136	-5.9		16670	001	4.090	4.210	-2.9	
13112	001	0.063	0.066	-4.5		14913	001	0.380	0.390	-2.6		16676	001	0.340	0.350	-2.9	
13201	001	0.530	0.560	-5.4		15062	001	0.115	0.122	-5.7		16694	001	0.241	0.260	-7.3	
13204	001	0.600	0.640	-6.3		15063	001	0.134	0.142	-5.6		16705	001	0.205	0.213	-3.8	
13205	001	0.230	0.244	-5.7		15070	001	0.080	0.083	-3.6		16750	001	0.119	0.121	-1.7	
13314	001	0.136	0.139	-2.2		15123	001	2.550	2.700	-5.6		16751	001	0.119	0.121	-1.7	
13351	001	0.330	0.340	-2.9		15124	001	0.890	0.940	-5.3		16819	001	0.690	0.740	-6.8	
13352	001	0.340	0.350	-2.9		15188	001	0.202	0.215	-6.0		16820	001	0.540	0.570	-5.3	
13410	001	0.840	0.890	-5.6		15223	001	0.049	0.051	-3.9		16881	001	1.850	1.900	-2.6	
13412	001	0.280	0.300	-6.7		15224	001	0.500	0.530	-5.7		16890	001	0.081	0.087	-6.9	
13453	001	0.330	0.350	-5.7		15314	001	0.243	0.249	-2.4		16891	001	0.089	0.094	-5.3	
13454	001	0.380	0.400	-5.0		15404	001	0.052	0.056	-7.1		16892	001	0.161	0.172	-6.4	
13455	001	0.390	0.410	-4.9		15405	001	0.077	0.082	-6.1		16900	001	2.160	2.320	-6.9	
13506	001	1.040	1.070	-2.8		15406	001	0.196	0.209	-6.2		16901	001	1.380	1.490	-7.4	
13507	001	1.260	1.280	-1.6		15488	001	0.490	0.520	-5.8		16902	001	1.170	1.260	-7.1	
13590	001	0.290	0.310	-6.5		15538	001	0.430	0.440	-2.3		16905	001	2.270	2.440	-7.0	
13621	001	0.073	0.077	-5.2		15600	001	1.090	1.120	-2.7		16906	001	1.450	1.560	-7.1	
13670	001	0.041	0.044	-6.8		15607	001	0.104	0.109	-4.6		16910	001	1.290	1.390	-7.2	
13673	001	0.850	0.900	-5.6		15608	001	0.243	0.249	-2.4		16911	001	1.170	1.260	-7.1	
13715	001	0.064	0.067	-4.5		15656	001	7.180	7.340	-2.2		16915	001	1.330	1.430	-7.0	
13716	001	0.520	0.530	-1.9		15699	001	0.260	0.270	-3.7		16916	001	1.110	1.190	-6.7	
13720	001	0.480	0.500	-4.0		15733	001	0.128	0.136	-5.9		16920	001	2.940	3.170	-7.3	
13759	001	0.201	0.206	-2.4		15839	001	0.330	0.330	0.0		16921	001	2.690	2.900	-7.2	
13930	001	0.137	0.142	-3.5		15991	001	0.270	0.270	0.0		16930	001	1.690	1.820	-7.1	
14068	001	0.044	0.045	-2.2		15993	001	0.225	0.230	-2.2		16931	001	1.830	1.970	-7.1	
14101	001	0.520	0.530	-1.9		16005	001	0.034	0.035	-2.9		16940	001	3.670	3.960	-7.3	
14279	001	0.280	0.300	-6.7		16009	001	0.157	0.167	-6.0		16941	001	1.470	1.580	-7.0	
14401	001	1.130	1.190	-5.0		16402	001	1.610	1.650	-2.4		18078	001	0.116	0.121	-4.1	

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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
18109	001	0.440	0.450	-2.2		40111	001	8.030	8.260	-2.8		43822	001	2.220	2.350	-5.5	
18110	001	0.360	0.360	0.0		41001	001	0.270	0.280	-3.6		43840	001	0.028	0.029	-3.4	
18205	001	0.179	0.186	-3.8		41421	001	0.280	0.280	0.0		43860	001	1.770	1.850	-4.3	
18206	001	0.570	0.590	-3.4		41422	001	0.150	0.151	-0.7		43889	001	0.630	0.660	-4.5	
18335	001	0.410	0.420	-2.4		41510	001	53.600	54.900	-2.4		44009	001	3.110	3.290	-5.5	
18435	001	0.980	1.040	-5.8		41603	001	13.300	13.400	-0.7		44069	001	12.600	12.900	-2.3	
18436	001	0.790	0.840	-6.0		41604	001	7.300	7.380	-1.1		44070	001	3.720	3.830	-2.9	
18437	001	0.590	0.610	-3.3		41620	001	0.740	0.780	-5.1		44071	001	4.140	4.260	-2.8	
18438	001	1.140	1.160	-1.7		41650	001	18.700	18.900	-1.1		44072	001	2.860	2.940	-2.7	
18501	001	0.900	0.950	-5.3		41664	001	34.300	35.300	-2.8		44100	001	9.820	10.100	-2.8	
18506	001	0.260	0.270	-3.7		41665	001	4.010	4.130	-2.9		44101	001	10.200	10.500	-2.9	
18507	001	0.213	0.218	-2.3		41667	001	93.700	96.400	-2.8		44102	001	7.980	8.210	-2.8	
18570	001	2.230	2.280	-2.2		41668	001	87.800	90.400	-2.9		44103	001	7.060	7.260	-2.8	
18616	001	0.195	0.207	-5.8		41669	001	0.620	0.630	-1.6		44104	001	2.970	3.050	-2.6	
18707	001	0.010	0.010	0.0		41670	001	1.030	1.060	-2.8		44108	001	3.480	3.580	-2.8	
18708	001	0.130	0.133	-2.3		41677	001	0.152	0.160	-5.0		44109	001	8.800	9.050	-2.8	
18833	001	0.115	0.119	-3.4		41678	001	47.600	49.600	-4.0		44110	001	9.000	9.260	-2.8	
18834	001	0.340	0.350	-2.9		41680	001	9.730	9.840	-1.1		44111	001	5.530	5.690	-2.8	
18911	001	1.070	1.090	-1.8		41696	001	0.480	0.510	-5.9		44112	001	3.270	3.370	-3.0	
18912	001	2.010	2.050	-2.0		41697	001	0.340	0.350	-2.9		44276	001	55.100	55.600	-0.9	
18920	001	0.520	0.530	-1.9		41715	001	6.180	6.240	-1.0		44277	001	35.800	36.000	-0.6	
19007	001	1.000	1.050	-4.8		41716	001	3.930	3.970	-1.0		44280	001	0.152	0.160	-5.0	
19051	001	2.210	2.340	-5.6		43151	001	10.800	10.900	-0.9		44311	001	7.580	7.800	-2.8	
19795	001	0.350	0.360	-2.8		43152	001	14.300	14.900	-4.0		44315	001	5.100	5.240	-2.7	
19796	001	0.410	0.420	-2.4		43200	001	41.100	41.400	-0.7		44427	001	25.700	26.300	-2.3	
40045	001	226.000	233.000	-3.0		43421	001	11.300	11.400	-0.9		44428	001	25.900	26.500	-2.3	
40046	001	44.700	46.000	-2.8		43422	001	59.100	59.600	-0.8		44429	001	0.390	0.400	-2.5	
40047	001	16.000	16.400	-2.4		43470	001	2.820	2.950	-4.4		44430	001	0.270	0.280	-3.6	
40059	001	5.710	5.880	-2.9		43518	001	14.700	15.100	-2.6		44431	001	0.860	0.880	-2.3	
40061	001	3.030	3.120	-2.9		43550	001	40.200	40.500	-0.7		44432	001	0.270	0.280	-3.6	
40063	001	101.000	104.000	-2.9		43551	001	22.300	22.500	-0.9		44433	001	8.700	8.890	-2.1	
40064	001	29.800	30.700	-2.9		43626	001	11.700	12.100	-3.3		44434	001	16.600	17.000	-2.4	
40075	001	21.700	21.900	-0.9		43628	001	153.000	157.000	-2.5		44435	001	17.200	17.600	-2.3	
40101	001	7.120	7.280	-2.2		43629	001	129.000	133.000	-3.0		44436	001	20.100	20.600	-2.4	
40102	001	6.290	6.430	-2.2		43760	001	4.310	4.430	-2.7		44437	001	16.700	17.100	-2.3	

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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
44438	001	13.200	13.500	-2.2		47367	001	0.152	0.160	-5.0		49802	001	7.080	7.140	-0.8	
44439	001	25.700	26.200	-1.9		47420	001	2.090	2.150	-2.8		49803	001	12.500	12.600	-0.8	
44440	001	21.200	21.700	-2.3		47469	001	2.810	2.840	-1.1		49840	001	0.630	0.660	-4.5	
45190	001	1.840	1.810	+1.7		47471	001	2.430	2.460	-1.2		49870	001	99.700	103.000	-3.2	
45191	001	1.300	1.290	+0.8		47473	001	3.180	3.220	-1.2		50010	001	0.167	0.185	-9.7	
45192	001	1.520	1.500	+1.3		47474	001	3.560	3.600	-1.1		50011	001	0.058	0.065	-10.8	
45193	001	0.900	0.890	+1.1		47475	001	2.810	2.840	-1.1		50012	001	0.062	0.068	-8.8	
45210	001	1.140	1.120	+1.8		47476	001	2.810	2.840	-1.1		50015	001	0.108	0.120	-10.0	
45334	001	23.700	23.900	-0.8		47477	001	3.740	3.780	-1.1		50017	001	0.082	0.091	-9.9	
45380	001	0.150	0.159	-5.7		47478	001	3.930	3.970	-1.0		50018	001	0.053	0.059	-10.2	
45450	001	6.970	7.020	-0.7		48039	001	29.100	29.400	-1.0		50019	001	0.044	0.049	-10.2	
45678	001	0.166	0.173	-4.0		48206	001	31.100	32.000	-2.8		50045	001	0.189	0.209	-9.6	
45771	001	0.228	0.243	-6.2		48441	001	0.131	0.134	-2.2		50047	001	0.021	0.024	-12.5	
45819	001	0.074	0.079	-6.3		48557	001	13.100	13.400	-2.2		51001	001	0.036	0.040	-10.0	
45900	001	0.124	0.127	-2.4		48558	001	11.400	11.700	-2.6		51005	001	0.007	0.008	-12.5	
45901	001	0.107	0.109	-1.8		48600	001	48.600	50.600	-4.0		51116	001	0.092	0.102	-9.8	
45937	001	0.093	0.094	-1.1		48636	001	1.050	1.170	-10.3		51201	001	0.028	0.032	-12.5	
46004	001	17.800	18.000	-1.1		48637	001	9.970	10.300	-3.2		51205	001	0.087	0.096	-9.4	
46005	001	14.200	14.400	-1.4		48638	001	4.950	5.090	-2.8		51206	001	0.014	0.015	-6.7	
46112	001	0.028	0.029	-3.4		48808	001	1.840	1.880	-2.1		51210	001	0.063	0.070	-10.0	
46202	001	2.330	2.300	+1.3		48925	001	239.000	245.000	-2.4		51220	001	0.217	0.242	-10.3	
46362	001	166.000	173.000	-4.0		49005	001	0.104	0.109	-4.6		51221	001	0.121	0.134	-9.7	
46426	001	24.300	25.300	-4.0		49111	001	2.810	2.870	-2.1		51222	001	0.147	0.163	-9.8	
46427	001	32.400	33.800	-4.1		49181	001	9.520	9.600	-0.8		51224	001	0.154	0.171	-9.9	
46603	001	2.040	2.120	-3.8		49183	001	11.600	11.700	-0.9		51230	001	0.026	0.029	-10.3	
46604	001	2.350	2.450	-4.1		49184	001	24.500	24.700	-0.8		51240	001	0.340	0.380	-10.5	
46606	001	6.270	6.530	-4.0		49185	001	22.300	22.500	-0.9		51241	001	1.020	1.130	-9.7	
46607	001	8.620	8.980	-4.0		49239	001	0.112	0.119	-5.9		51250	001	0.167	0.186	-10.2	
46622	001	6.560	6.850	-4.2		49292	001	0.700	0.700	0.0		51251	001	0.029	0.033	-12.1	
46700	001	82.700	83.300	-0.7		49333	001	5.110	5.150	-0.8		51252	001	0.103	0.115	-10.4	
46911	001	23.200	23.900	-2.9		49617	001	0.210	0.222	-5.4		51253	001	0.088	0.098	-10.2	
46912	001	42.600	43.800	-2.7		49618	001	0.176	0.187	-5.9		51254	001	0.027	0.030	-10.0	
47050	001	0.610	0.640	-4.7		49619	001	0.330	0.350	-5.7		51255	001	0.420	0.470	-10.6	
47221	001	90.700	91.400	-0.8		49763	001	2.150	2.280	-5.7		51300	001	0.086	0.092	-6.5	
47318	001	9.550	9.830	-2.8		49801	001	79.900	80.500	-0.7		51305	001	0.086	0.092	-6.5	

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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
51315	001	0.073	0.077	-5.2		51767	001	0.018	0.019	-5.3		51986	001	0.167	0.185	-9.7	
51330	001	0.064	0.072	-11.1		51777	001	0.062	0.067	-7.5		51999	001	0.070	0.078	-10.3	
51333	001	0.021	0.023	-8.7		51790	001	0.104	0.111	-6.3		52002	001	0.062	0.068	-8.8	
51340	001	0.028	0.031	-9.7		51796	001	0.065	0.072	-9.7		52075	001	0.123	0.136	-9.6	
51350	001	0.144	0.154	-6.5		51808	001	0.231	0.260	-11.2		52076	001	0.148	0.164	-9.8	
51351	001	0.129	0.138	-6.5		51809	001	0.290	0.320	-9.4		52109	001	0.016	0.017	-5.9	
51352	001	0.177	0.190	-6.8		51833	001	0.093	0.100	-7.0		52134	001	0.206	0.229	-10.0	
51355	001	0.121	0.129	-6.2		51850	001	0.156	0.173	-9.8		52137	001	0.048	0.054	-11.1	
51356	001	0.130	0.139	-6.5		51851	001	0.106	0.117	-9.4		52150	001	0.380	0.420	-9.5	
51357	001	0.103	0.110	-6.4		51852	001	0.247	0.280	-11.8		52315	001	0.081	0.087	-6.9	
51358	001	0.248	0.260	-4.6		51853	001	0.100	0.111	-9.9		52341	001	0.030	0.034	-11.8	
51359	001	0.218	0.232	-6.0		51854	001	0.223	0.248	-10.1		52342	001	0.087	0.097	-10.3	
51370	001	0.330	0.370	-10.8		51855	001	0.234	0.260	-10.0		52343	001	0.053	0.059	-10.2	
51380	001	0.033	0.037	-10.8		51856	001	0.129	0.143	-9.8		52401	001	0.165	0.183	-9.8	
51400	001	0.151	0.168	-10.1		51857	001	0.220	0.245	-10.2		52402	001	0.016	0.017	-5.9	
51401	001	0.222	0.247	-10.1		51869	001	0.077	0.085	-9.4		52432	001	0.077	0.086	-10.5	
51500	001	0.063	0.070	-10.0		51877	001	0.430	0.480	-10.4		52433	001	0.071	0.078	-9.0	
51516	001	0.046	0.048	-4.2		51889	001	0.071	0.079	-10.1		52435	001	0.088	0.098	-10.2	
51517	001	0.052	0.054	-3.7		51896	001	0.033	0.037	-10.8		52438	001	0.064	0.071	-9.9	
51550	001	0.078	0.087	-10.3		51900	001	0.070	0.075	-6.7		52440	001	0.100	0.111	-9.9	
51551	001	0.027	0.030	-10.0		51909	001	0.141	0.157	-10.2		52467	001	0.093	0.103	-9.7	
51552	001	0.047	0.052	-9.6		51919	001	0.072	0.079	-8.9		52469	001	0.032	0.036	-11.1	
51553	001	0.084	0.093	-9.7		51926	001	0.073	0.081	-9.9		52505	001	0.162	0.179	-9.5	
51554	001	0.008	0.009	-11.1		51927	001	0.039	0.044	-11.4		52547	001	0.143	0.159	-10.1	
51575	001	0.039	0.041	-4.9		51934	001	0.080	0.089	-10.1		52581	001	0.790	0.870	-9.2	
51576	001	0.150	0.167	-10.2		51941	001	0.073	0.080	-8.8		52619	001	0.055	0.061	-9.8	
51600	001	0.102	0.114	-10.5		51942	001	0.116	0.129	-10.1		52660	001	0.055	0.057	-3.5	
51613	001	0.068	0.075	-9.3		51956	001	0.310	0.350	-11.4		52744	001	0.360	0.380	-5.3	
51625	001	0.033	0.037	-10.8		51957	001	0.280	0.310	-9.7		52767	001	0.131	0.145	-9.7	
51666	001	0.061	0.066	-7.6		51958	001	0.245	0.270	-9.3		52911	001	0.044	0.049	-10.2	
51702	001	0.100	0.111	-9.9		51959	001	0.250	0.280	-10.7		52967	001	0.017	0.018	-5.6	
51703	001	0.041	0.046	-10.9		51960	001	0.033	0.037	-10.8		53001	001	0.162	0.180	-10.0	
51734	001	0.077	0.086	-10.5		51970	001	0.144	0.160	-10.0		53077	001	0.078	0.086	-9.3	
51741	001	0.178	0.198	-10.1		51982	001	0.042	0.047	-10.6		53095	001	0.053	0.059	-10.2	
51752	001	0.150	0.167	-10.2		51985	001	0.043	0.045	-4.4		53096	001	0.074	0.082	-9.8	

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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	001	0.211	0.234	-9.8		55717	001	0.166	0.185	-10.3		56915	001	0.390	0.440	-11.4	
53147	001	0.022	0.025	-12.0		55718	001	0.161	0.179	-10.1		56916	001	0.360	0.390	-7.7	
53229	001	0.124	0.138	-10.1		55802	001	0.062	0.067	-7.5		56917	001	0.103	0.114	-9.6	
53271	001	0.040	0.044	-9.1		55918	001	0.095	0.105	-9.5		56918	001	0.049	0.055	-10.9	
53333	001	0.122	0.135	-9.6		55919	001	0.013	0.014	-7.1		56919	001	0.126	0.140	-10.0	
53374	001	0.094	0.101	-6.9		56040	001	0.009	0.010	-10.0		56920	001	0.115	0.127	-9.4	
53375	001	0.050	0.053	-5.7		56041	001	0.059	0.065	-9.2		56980	001	0.082	0.091	-9.9	
53376	001	0.080	0.086	-7.0		56042	001	0.074	0.082	-9.8		57001	001	0.028	0.031	-9.7	
53377	001	0.082	0.088	-6.8		56170	001	0.113	0.125	-9.6		57002	001	0.018	0.020	-10.0	
53403	001	0.052	0.055	-5.5		56171	001	0.055	0.062	-11.3		57090	001	0.184	0.205	-10.2	
53425	001	0.115	0.127	-9.4		56202	001	0.059	0.065	-9.2		57146	001	0.117	0.130	-10.0	
53565	001	0.060	0.065	-7.7		56390	001	0.103	0.114	-9.6		57202	001	0.073	0.081	-9.9	
53631	001	0.025	0.027	-7.4		56391	001	0.088	0.098	-10.2		57257	001	0.090	0.100	-10.0	
53632	001	0.028	0.031	-9.7		56427	001	0.142	0.158	-10.1		57401	001	0.051	0.057	-10.5	
53731	001	0.026	0.029	-10.3		56488	001	0.104	0.111	-6.3		57403	001	0.127	0.136	-6.6	
53732	001	0.176	0.195	-9.7		56567	001	0.117	0.130	-10.0		57410	001	0.025	0.028	-10.7	
53733	001	0.115	0.127	-9.4		56650	001	0.360	0.400	-10.0		57411	001	0.028	0.031	-9.7	
53734	001	0.280	0.290	-3.4		56651	001	0.194	0.216	-10.2		57572	001	0.015	0.016	-6.3	
53803	001	0.270	0.300	-10.0		56652	001	0.139	0.154	-9.7		57600	001	0.043	0.048	-10.4	
53907	001	0.078	0.086	-9.3		56653	001	0.134	0.149	-10.1		57611	001	0.060	0.067	-10.4	
54012	001	0.028	0.029	-3.4		56654	001	0.068	0.076	-10.5		57625	001	0.380	0.420	-9.5	
54077	001	0.106	0.118	-10.2		56690	001	0.054	0.058	-6.9		57651	001	0.046	0.051	-9.8	
55010	001	0.320	0.350	-8.6		56699	001	0.066	0.073	-9.6		57690	001	0.078	0.087	-10.3	
55011	001	0.086	0.096	-10.4		56758	001	0.056	0.062	-9.7		57716	001	0.037	0.041	-9.8	
55012	001	0.103	0.114	-9.6		56759	001	0.057	0.063	-9.5		57725	001	0.081	0.091	-11.0	
55013	001	0.104	0.115	-9.6		56760	001	0.082	0.091	-9.9		57726	001	0.063	0.070	-10.0	
55214	001	0.083	0.093	-10.8		56805	001	0.108	0.119	-9.2		57798	001	0.024	0.026	-7.7	
55371	001	0.241	0.260	-7.3		56806	001	0.076	0.084	-9.5		57800	001	0.088	0.097	-9.3	
55426	001	0.126	0.140	-10.0		56807	001	0.076	0.084	-9.5		57808	001	0.031	0.035	-11.4	
55597	001	0.021	0.023	-8.7		56808	001	0.099	0.109	-9.2		57809	001	0.032	0.036	-11.1	
55647	001	0.042	0.046	-8.7		56900	001	0.095	0.105	-9.5		57810	001	0.031	0.035	-11.4	
55648	001	0.019	0.021	-9.5		56910	001	0.047	0.053	-11.3		57871	001	0.037	0.041	-9.8	
55649	001	0.023	0.025	-8.0		56911	001	0.101	0.112	-9.8		57913	001	0.114	0.126	-9.5	
55715	001	0.166	0.184	-9.8		56912	001	0.081	0.091	-11.0		57997	001	0.061	0.064	-4.7	
55716	001	0.240	0.270	-11.1		56913	001	0.066	0.074	-10.8		57998	001	0.050	0.056	-10.7	

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57999	001	0.051	0.057	-10.5		58840	001	0.071	0.079	-10.1		59781	001	0.053	0.059	-10.2	
58009	001	0.051	0.057	-10.5		58873	001	0.114	0.126	-9.5		59782	001	0.079	0.088	-10.2	
58010	001	0.117	0.130	-10.0		58903	001	0.031	0.035	-11.4		59783	001	0.077	0.086	-10.5	
58020	001	0.137	0.146	-6.2		58904	001	0.024	0.026	-7.7		59784	001	0.059	0.066	-10.6	
58056	001	0.139	0.155	-10.3		58922	001	0.189	0.210	-10.0		59790	001	0.111	0.123	-9.8	
58057	001	0.088	0.097	-9.3		59005	001	0.059	0.065	-9.2		59798	001	0.202	0.225	-10.2	
58058	001	0.079	0.087	-9.2		59057	001	0.440	0.480	-8.3		59806	001	0.145	0.161	-9.9	
58095	001	0.111	0.123	-9.8		59058	001	0.280	0.310	-9.7		59867	001	0.125	0.138	-9.4	
58096	001	0.147	0.163	-9.8		59188	001	0.270	0.290	-6.9		59886	001	0.017	0.019	-10.5	
58301	001	0.039	0.044	-11.4		59189	001	0.370	0.400	-7.5		59889	001	0.053	0.057	-7.0	
58302	001	0.040	0.044	-9.1		59223	001	0.118	0.131	-9.9		59892	001	0.077	0.086	-10.5	
58397	001	0.231	0.260	-11.2		59257	001	0.016	0.018	-11.1		59904	001	0.052	0.058	-10.3	
58408	001	0.036	0.038	-5.3		59306	001	0.100	0.111	-9.9		59905	001	0.078	0.087	-10.3	
58409	001	0.046	0.048	-4.2		59378	001	0.076	0.085	-10.6		59914	001	0.460	0.510	-9.8	
58456	001	0.025	0.026	-3.8		59481	001	0.270	0.300	-10.0		59915	001	0.174	0.193	-9.8	
58457	001	0.036	0.037	-2.7		59482	001	0.280	0.300	-6.7		59917	001	0.032	0.036	-11.1	
58458	001	0.046	0.048	-4.2		59537	001	0.082	0.092	-10.9		59923	001	0.011	0.012	-8.3	
58459	001	0.055	0.058	-5.2		59601	001	0.101	0.112	-9.8		59925	001	0.224	0.238	-5.9	
58503	001	0.062	0.068	-8.8		59647	001	0.127	0.135	-5.9		59926	001	0.190	0.202	-5.9	
58532	001	0.080	0.088	-9.1		59660	001	0.186	0.206	-9.7		59927	001	0.128	0.136	-5.9	
58559	001	0.016	0.018	-11.1		59661	001	0.091	0.101	-9.9		59931	001	0.206	0.229	-10.0	
58560	001	0.039	0.043	-9.3		59693	001	0.015	0.017	-11.8		59932	001	0.222	0.247	-10.1	
58575	001	0.050	0.056	-10.7		59701	001	0.007	0.008	-12.5		59941	001	0.069	0.077	-10.4	
58627	001	0.162	0.179	-9.5		59713	001	0.166	0.184	-9.8		59947	001	0.052	0.058	-10.3	
58663	001	0.260	0.290	-10.3		59722	001	0.086	0.096	-10.4		59955	001	0.027	0.029	-6.9	
58682	001	0.144	0.159	-9.4		59723	001	0.032	0.036	-11.1		59963	001	0.197	0.219	-10.0	
58713	001	0.040	0.042	-4.8		59724	001	0.050	0.055	-9.1		59964	001	0.460	0.510	-9.8	
58737	001	0.104	0.116	-10.3		59725	001	0.062	0.069	-10.1		59970	001	0.070	0.078	-10.3	
58756	001	0.048	0.054	-11.1		59726	001	0.045	0.050	-10.0		59973	001	0.127	0.141	-9.9	
58757	001	0.350	0.390	-10.3		59738	001	0.144	0.159	-9.4		59975	001	0.099	0.110	-10.0	
58759	001	0.043	0.048	-10.4		59750	001	0.061	0.068	-10.3		59977	001	0.056	0.063	-11.1	
58802	001	0.049	0.055	-10.9		59751	001	0.022	0.025	-12.0		59984	001	0.035	0.039	-10.3	
58813	001	0.119	0.132	-9.8		59773	001	0.016	0.017	-5.9		59985	001	0.136	0.151	-9.9	
58822	001	0.136	0.151	-9.9		59774	001	0.013	0.014	-7.1		59986	001	0.104	0.115	-9.6	
58837	001	0.238	0.270	-11.9		59775	001	0.017	0.018	-5.6		59988	001	0.025	0.028	-10.7	

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

STATE: 43 - UTAH
SUBLINE: PREM/OPS

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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
59989	001	0.018	0.020	-10.0		66309	001	17.900	18.600	-3.8		91235	001	1.790	1.990	-10.1	
60010	001	15.700	15.800	-0.6		66561	001	41.400	43.100	-3.9		91250	001	2.690	3.000	-10.3	
60011	001	18.100	18.200	-0.5		67017	001	38.400	40.000	-4.0		91265	001	13.700	14.800	-7.4	
60012	001	29.700	29.900	-0.7		67508	001	22.500	22.700	-0.9		91266	001	7.240	7.830	-7.5	
60013	001	25.400	25.600	-0.8		67509	001	16.500	16.700	-1.2		91302	001	9.760	10.700	-8.8	
60015	001	19.000	19.200	-1.0		67510	001	9.170	9.270	-1.1		91315	001	2.970	3.240	-8.3	
60016	001	21.400	21.500	-0.5		67511	001	9.920	10.000	-0.8		91324	001	6.610	7.220	-8.4	
60035	001	29.100	30.400	-4.3		67512	001	42.500	43.000	-1.2		91340	001	4.310	4.710	-8.5	
61000	001	15.500	15.700	-1.3		67513	001	26.900	27.200	-1.1		91341	001	4.080	4.390	-7.1	
61212	001	14.900	15.500	-3.9		67634	001	33.200	34.600	-4.0		91342	001	3.960	4.320	-8.3	
61216	001	16.500	17.200	-4.1		67635	001	23.500	24.500	-4.1		91343	001	0.900	0.970	-7.2	
61217	001	15.000	15.700	-4.5		68001	001	71.800	74.700	-3.9		91405	001	5.020	5.490	-8.6	
61218	001	10.300	10.700	-3.7		68439	001	92.300	96.100	-4.0		91436	001	4.610	4.960	-7.1	
61223	001	73.000	76.000	-3.9		68500	001	3.460	3.480	-0.6		91481	001	16.900	18.100	-6.6	
61224	001	23.300	24.200	-3.7		68604	001	1.730	1.800	-3.9		91507	001	2.480	2.670	-7.1	
61225	001	32.300	33.600	-3.9		68606	001	6.740	7.020	-4.0		91523	001	38.300	41.200	-7.0	
61226	001	54.300	56.600	-4.1		68607	001	5.330	5.550	-4.0		91547	001	0.218	0.234	-6.8	
61227	001	49.700	51.800	-4.1		68702	001	4.390	4.570	-3.9		91551	001	1.350	1.450	-6.9	
62000	001	11.300	11.800	-4.2		68703	001	3.290	3.430	-4.1		91555	001	1.070	1.200	-10.8	
62001	001	8.930	9.300	-4.0		68706	001	14.100	14.700	-4.1		91560	001	4.000	4.330	-7.6	
62002	001	4.080	4.250	-4.0		68707	001	13.900	14.500	-4.1		91562	001	3.010	3.230	-6.8	
62003	001	12.800	13.400	-4.5		90089	001	3.910	4.200	-6.9		91577	001	10.700	11.600	-7.8	
63010	001	28.300	28.500	-0.7		91111	001	2.300	2.570	-10.5		91580	001	5.280	5.710	-7.5	
63011	001	35.300	35.600	-0.8		91125	001	2.350	2.530	-7.1		91590	001	3.120	3.360	-7.1	
63012	001	50.300	50.600	-0.6		91127	001	1.550	1.730	-10.4		91606	001	10.900	11.900	-8.4	
63013	001	47.600	48.000	-0.8		91130	001	1.120	1.210	-7.4		91629	001	2.240	2.420	-7.4	
63215	001	42.500	44.200	-3.8		91135	001	0.310	0.340	-8.8		91636	001	3.840	4.160	-7.7	
63216	001	29.500	30.700	-3.9		91150	001	1.460	1.630	-10.4		91641	001	1.040	1.130	-8.0	
63217	001	45.500	46.800	-2.8		91155	001	3.240	3.620	-10.5		91666	001	0.840	0.910	-7.7	
63218	001	15.300	15.800	-3.2		91160	001	0.940	1.010	-6.9		91722	001	3.360	3.640	-7.7	
64074	001	13.000	12.800	+1.6		91175	001	0.810	0.870	-6.9		91746	001	3.010	3.230	-6.8	
64075	001	9.130	9.010	+1.3		91177	001	3.560	3.820	-6.8		91805	001	0.188	0.203	-7.4	
65007	001	25.900	26.900	-3.7		91179	001	3.570	3.840	-7.0		92053	001	0.470	0.500	-6.0	
66122	001	11.100	11.600	-4.3		91190	001	1.910	2.060	-7.3		92054	001	0.160	0.172	-7.0	
66123	001	6.120	6.370	-3.9		91200	001	0.640	0.690	-7.2		92055	001	4.450	4.790	-7.1	

L - Lower Cap Applied
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STATE: 43 - UTAH
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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
92101	001	6.970	7.490	-6.9		96053	001	1.640	1.820	-9.9		98160	001	4.320	4.670	-7.5	
92102	001	4.200	4.510	-6.9		96317	001	1.160	1.260	-7.9		98161	001	4.840	5.240	-7.6	
92215	001	2.560	2.860	-10.5		96408	001	3.470	3.730	-7.0		98163	001	5.080	5.500	-7.6	
92338	001	1.610	1.730	-6.9		96409	001	3.200	3.450	-7.2		98164	001	1.510	1.680	-10.1	
92445	001	2.200	2.380	-7.6		96410	001	2.820	3.030	-6.9		98257	001	1.340	1.440	-6.9	
92446	001	5.300	5.700	-7.0		96611	001	0.990	1.080	-8.3		98303	001	9.560	10.300	-7.2	
92447	001	4.630	4.980	-7.0		96702	001	4.000	4.290	-6.8		98304	001	4.950	5.320	-7.0	
92451	001	1.790	1.990	-10.1		96816	001	3.750	4.030	-6.9		98305	001	2.410	2.640	-8.7	
92453	001	2.940	3.150	-6.7		96872	001	4.120	4.460	-7.6		98306	001	6.210	6.790	-8.5	
92478	001	1.450	1.560	-7.1		97047	001	3.010	3.290	-8.5		98307	001	1.570	1.690	-7.1	
92593	001	23.400	26.200	-10.7		97050	001	2.330	2.550	-8.6		98308	001	1.030	1.110	-7.2	
92663	001	0.520	0.560	-7.1		97111	001	4.790	5.150	-7.0		98309	001	4.800	5.190	-7.5	
94007	001	9.920	10.700	-7.3		97220	001	0.300	0.320	-6.3		98344	001	0.670	0.730	-8.2	
94099	001	2.260	2.430	-7.0		97222	001	1.180	1.320	-10.6		98405	001	1.110	1.210	-8.3	
94225	001	7.980	8.570	-6.9		97223	001	1.790	1.990	-10.1		98413	001	13.000	14.000	-7.1	
94276	001	4.160	4.460	-6.7		97308	001	0.560	0.610	-8.2		98414	001	11.900	12.800	-7.0	
94304	001	2.280	2.540	-10.2		97447	001	1.840	1.990	-7.5		98415	001	1.570	1.690	-7.1	
94381	001	4.280	4.780	-10.5		97650	001	3.310	3.560	-7.0		98423	001	3.730	4.010	-7.0	
94404	001	3.940	4.230	-6.9		97651	001	5.440	5.890	-7.6		98424	001	6.330	6.810	-7.0	
94569	001	2.660	2.860	-7.0		97652	001	4.720	5.110	-7.6		98425	001	2.600	2.790	-6.8	
94590	001	11.400	12.300	-7.3		97653	001	2.830	3.040	-6.9		98426	001	2.290	2.470	-7.3	
94617	001	3.610	3.890	-7.2		97654	001	4.940	5.310	-7.0		98427	001	2.230	2.400	-7.1	
95124	001	1.340	1.440	-6.9		97655	001	4.200	4.550	-7.7		98429	001	1.000	1.080	-7.4	
95233	001	2.860	3.070	-6.8		98002	001	0.760	0.820	-7.3		98449	001	3.200	3.450	-7.2	
95305	001	3.100	3.340	-7.2		98003	001	0.880	0.950	-7.4		98482	001	3.440	3.700	-7.0	
95306	001	4.390	4.760	-7.8		98090	001	0.119	0.128	-7.0		98483	001	5.080	5.460	-7.0	
95310	001	7.420	7.980	-7.0		98091	001	0.129	0.139	-7.2		98502	001	4.860	5.230	-7.1	
95357	001	1.120	1.210	-7.4		98092	001	0.400	0.420	-4.8		98555	001	2.260	2.430	-7.0	
95410	001	4.010	4.310	-7.0		98111	001	0.450	0.500	-10.0		98597	001	0.510	0.550	-7.3	
95455	001	4.640	5.020	-7.6		98152	001	2.560	2.770	-7.6		98598	001	0.175	0.187	-6.4	
95487	001	2.150	2.310	-6.9		98153	001	2.880	3.120	-7.7		98601	001	5.820	6.260	-7.0	
95505	001	2.160	2.340	-7.7		98154	001	3.400	3.680	-7.6		98624	001	0.910	0.980	-7.1	
95620	001	1.750	1.870	-6.4		98155	001	4.760	5.150	-7.6		98636	001	2.190	2.450	-10.6	
95625	001	4.660	5.100	-8.6		98157	001	3.040	3.290	-7.6		98640	001	100.000	108.000	-7.4	
95647	001	2.150	2.400	-10.4		98159	001	2.040	2.210	-7.7		98658	001	4.920	5.320	-7.5	

L - Lower Cap Applied
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STATE: 43 - UTAH
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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
98659	001	0.880	0.950	-7.4		99571	001	0.500	0.550	-9.1							
98677	001	15.900	17.000	-6.5		99572	001	0.960	1.080	-11.1							
98678	001	14.100	15.100	-6.6		99573	001	0.920	1.030	-10.7							
98699	001	4.570	4.920	-7.1		99600	001	1.190	1.300	-8.5							
98705	001	6.960	7.530	-7.6		99613	001	8.010	8.600	-6.9							
98710	001	3.180	3.420	-7.0		99614	001	2.650	2.900	-8.6							
98751	001	3.720	4.030	-7.7		99620	001	0.440	0.470	-6.4							
98805	001	4.160	4.460	-6.7		99650	001	0.960	1.080	-11.1							
98806	001	2.040	2.280	-10.5		99709	001	2.380	2.660	-10.5							
98810	001	3.400	3.720	-8.6		99718	001	1.280	1.370	-6.6							
98813	001	3.280	3.590	-8.6		99746	001	2.160	2.330	-7.3							
98820	001	7.930	8.520	-6.9		99760	001	0.247	0.270	-8.5							
98884	001	2.060	2.220	-7.2		99777	001	5.890	6.440	-8.5							
98914	001	0.600	0.650	-7.7		99793	001	2.750	2.950	-6.8							
98949	001	0.840	0.910	-7.7		99826	001	0.670	0.730	-8.2							
98967	001	3.230	3.480	-7.2		99827	001	0.400	0.420	-4.8							
98993	001	4.190	4.680	-10.5		99851	001	1.600	1.720	-7.0							
99003	001	1.540	1.650	-6.7		99917	001	2.590	2.780	-6.8							
99004	001	2.730	2.980	-8.4		99938	001	2.910	3.120	-6.7							
99080	001	1.090	1.170	-6.8		99943	001	8.420	9.050	-7.0							
99111	001	1.590	1.700	-6.5		99946	001	6.270	6.740	-7.0							
99163	001	3.780	4.060	-6.9		99948	001	5.050	5.640	-10.5							
99165	001	0.820	0.890	-7.9		99952	001	4.980	5.450	-8.6							
99220	001	1.320	1.430	-7.7		99953	001	5.380	5.880	-8.5							
99222	001	2.480	2.680	-7.5		99954	001	3.920	4.280	-8.4							
99223	001	0.232	0.250	-7.2		99955	001	4.900	5.360	-8.6							
99303	001	12.700	13.600	-6.6		99963	001	0.620	0.670	-7.5							
99310	001	3.160	3.400	-7.1		99969	001	2.400	2.600	-7.7							
99315	001	9.300	10.000	-7.0		99975	001	4.340	4.760	-8.8							
99321	001	9.030	9.710	-7.0		99988	001	2.120	2.290	-7.4							
99471	001	0.600	0.650	-7.7													
99505	001	3.540	3.960	-10.6													
99506	001	4.360	4.870	-10.5													
99507	001	3.800	4.250	-10.6													
99570	001	2.040	2.280	-10.5													

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STATE: 43 - UTAH
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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	0.220	0.176	+25.0	U	13759	0.128	0.136	-5.9	
10026	0.023	0.025	-8.0		11288	0.117	0.105	+11.4		13930	0.103	0.147	-29.9	
10040	0.300	0.320	-6.3		12014	0.046	0.050	-8.0		14068	0.008	0.010	-20.0	
10042	0.400	0.410	-2.4		12356	0.034	0.037	-8.1		14101	0.051	0.054	-5.6	
10060	0.072	0.077	-6.5		12361	0.063	0.066	-4.6		14279	0.080	0.073	+9.6	
10065	0.057	0.046	+23.9	U	12373	0.024	0.022	+9.1		14401	0.151	0.123	+22.8	
10066	0.081	0.086	-5.8		12374	0.097	0.087	+11.5		14527	0.139	0.169	-17.8	
10070	0.094	0.134	-29.9		12375	0.056	0.045	+24.4	U	14855	0.083	0.110	-24.6	
10071	0.122	0.130	-6.2		12391	0.055	0.059	-6.8		14913	0.164	0.175	-6.3	
10073	0.560	0.590	-5.1		12509	0.020	0.026	-23.1		15223	0.032	0.039	-18.0	
10075	0.196	0.210	-6.7		12510	0.029	0.031	-6.5		15224	0.100	0.090	+11.1	
10100	0.086	0.077	+11.7		12651	0.330	0.450	-26.7		15406	0.065	0.056	+16.1	
10101	0.136	0.160	-15.0		12707	0.450	0.480	-6.3		15538	0.018	0.020	-10.0	
10107	0.280	0.300	-6.7		12797	0.153	0.177	-13.6		15600	0.107	0.114	-6.1	
10111	0.045	0.059	-23.7		12805	0.176	0.141	+24.8	U	15608	0.011	0.012	-8.3	
10115	0.090	0.096	-6.3		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	0.030	0.033	-9.1	
10141	0.026	0.021	+23.8		13112	0.038	0.054	-29.6		15991	0.083	0.089	-6.7	
10145	0.018	0.016	+12.5		13201	0.097	0.123	-21.1		15993	0.052	0.056	-7.1	
10146	0.026	0.024	+8.3		13204	0.680	0.860	-20.9		16005	0.024	0.030	-20.0	
10255	0.124	0.140	-11.4		13205	0.270	0.340	-20.6		16009	0.091	0.111	-18.0	
10256	0.154	0.198	-22.2		13314	0.009	0.012	-25.0		16403	0.180	0.193	-6.7	
10257	0.148	0.146	+1.4		13351	0.064	0.063	+1.6		16527	0.222	0.270	-17.8	
10309	0.020	0.021	-4.8		13352	0.045	0.048	-6.3		16604	0.074	0.100	-26.0	
10352	0.087	0.078	+11.5		13410	1.550	1.660	-6.6		16676	0.017	0.018	-5.6	
11020	0.225	0.186	+21.0		13412	1.150	1.190	-3.4		16705	0.090	0.113	-20.4	
11039	0.104	0.093	+11.8		13506	0.078	0.083	-6.0		16750	0.036	0.035	+2.9	
11126	0.019	0.023	-17.4		13507	0.179	0.181	-1.1		16900	0.122	0.110	+10.9	
11127	0.010	0.011	-9.1		13590	0.590	0.610	-3.3		16901	0.165	0.148	+11.5	
11128	0.082	0.088	-6.8		13621	0.320	0.340	-5.9		16902	0.091	0.081	+12.3	
11203	0.290	0.380	-23.7		13670	0.022	0.018	+22.2	U	16905	0.105	0.095	+10.5	
11204	1.620	1.730	-6.4		13673	0.023	0.021	+9.5		16906	0.150	0.135	+11.1	
11234	0.067	0.072	-6.9		13715	0.088	0.111	-20.7		16910	0.077	0.070	+10.0	
11248	0.010	0.013	-23.1		13716	0.120	0.128	-6.3		16911	0.076	0.068	+11.8	
11258	0.227	0.182	+24.7	U	13720	0.086	0.077	+11.7		16915	0.074	0.067	+10.4	

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 E - Subject to Capping Exception

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	0.087	0.078	+11.5		51116	0.520	0.640	-18.8		51666	0.059	0.085	-30.6	
16920	0.170	0.153	+11.1		51205	0.035	0.046	-23.9		51734	0.380	0.430	-11.6	
16921	0.067	0.061	+9.8		51206	0.400	0.370	+8.1		51741	0.246	0.260	-5.4	
16930	0.211	0.190	+11.1		51220	1.140	1.480	-23.0		51752	0.137	0.141	-2.8	
16931	0.089	0.085	+4.7		51221	1.120	1.470	-23.8		51767	0.005	0.007	-28.6	
16940	0.067	0.061	+9.8		51222	3.290	4.760	-30.9		51777	0.047	0.058	-19.0	
16941	0.120	0.108	+11.1		51224	0.960	1.170	-18.0		51808	0.430	0.530	-18.9	
18078	0.164	0.170	-3.5		51230	0.540	0.640	-15.6		51809	0.164	0.173	-5.2	
18109	0.034	0.037	-8.1		51240	0.193	0.215	-10.2		51833	0.034	0.051	-33.3	
18110	0.037	0.039	-5.1		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	0.126	0.134	-6.0		51254	0.019	0.025	-24.0		51889	0.007	0.010	-30.0	
18335	0.018	0.020	-10.0		51300	0.109	0.127	-14.2		51896	0.013	0.017	-23.5	
18435	0.095	0.086	+10.5		51305	0.650	0.760	-14.5		51900	0.085	0.098	-13.3	
18436	0.206	0.185	+11.4		51315	0.059	0.080	-26.3		51909	0.040	0.048	-16.7	
18501	0.020	0.016	+25.0	U	51330	0.970	0.820	+18.3		51926	0.036	0.041	-12.2	
18506	0.007	0.007	0.0		51333	0.280	0.280	0.0		51927	0.092	0.100	-8.0	
18507	0.009	0.009	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	0.025	0.027	-7.4		51355	0.081	0.082	-1.2		51957	0.330	0.370	-10.8	
18834	0.130	0.138	-5.8		51356	0.420	0.470	-10.6		51958	0.233	0.310	-24.8	
18911	0.021	0.022	-4.5		51357	1.180	0.950	+24.2	U	51960	0.248	0.300	-17.3	
18912	0.034	0.037	-8.1		51358	0.094	0.111	-15.3		51970	0.131	0.138	-5.1	
18920	0.022	0.023	-4.3		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	0.078	0.083	-6.0		51380	0.026	0.039	-33.3		51999	0.250	0.320	-21.9	
45900	0.071	0.064	+10.9		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	0.224	0.201	+11.4		51552	0.113	0.137	-17.5		52315	0.237	0.270	-12.2	
49618	0.060	0.064	-6.3		51575	0.020	0.023	-13.0		52433	0.470	0.650	-27.7	
49619	0.139	0.149	-6.7		51576	0.077	0.101	-23.8		52469	0.083	0.085	-2.4	
50010	0.350	0.330	+6.1		51600	0.156	0.194	-19.6		52505	0.159	0.195	-18.5	
51001	0.310	0.380	-18.4		51613	0.100	0.141	-29.1		52547	0.049	0.058	-15.5	

L - Lower Cap Applied
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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	0.036	0.033	+9.1		58904	0.089	0.108	-17.6	
53377	0.132	0.172	-23.3		57002	0.061	0.080	-23.8		58922	0.176	0.189	-6.9	
53565	0.068	0.081	-16.1		57090	0.720	0.830	-13.3		59005	0.055	0.063	-12.7	
53631	0.016	0.019	-15.8		57146	0.590	0.640	-7.8		59188	0.039	0.047	-17.0	
53632	0.024	0.029	-17.2		57257	0.046	0.042	+9.5		59189	0.207	0.250	-17.2	
53732	0.390	0.450	-13.3		57401	0.065	0.079	-17.7		59223	0.118	0.128	-7.8	
53733	0.155	0.177	-12.4		57403	0.025	0.030	-16.7		59257	0.008	0.011	-27.3	L
53907	0.072	0.078	-7.7		57410	0.112	0.164	-31.7		59378	0.103	0.124	-16.9	
54077	0.300	0.360	-16.7		57572	0.084	0.094	-10.6		59481	0.081	0.096	-15.6	
55010	0.610	0.760	-19.7		57600	0.025	0.030	-16.7		59537	0.207	0.219	-5.5	
55011	1.730	2.010	-13.9		57611	0.036	0.044	-18.2		59601	1.440	1.800	-20.0	
55012	0.860	0.920	-6.5		57651	0.039	0.037	+5.4		59647	0.118	0.141	-16.3	
55013	1.000	1.130	-11.5		57690	0.320	0.380	-15.8		59660	0.550	0.830	-33.7	L
55214	0.062	0.075	-17.3		57716	0.069	0.080	-13.8		59701	0.360	0.380	-5.3	
55371	0.082	0.096	-14.6		57725	0.070	0.083	-15.7		59713	0.247	0.300	-17.7	
55597	1.220	1.450	-15.9		57726	0.022	0.025	-12.0		59722	0.019	0.023	-17.4	
55647	0.070	0.065	+7.7		57810	0.089	0.090	-1.1		59723	0.025	0.030	-16.7	
55715	0.147	0.169	-13.0		57871	0.073	0.091	-19.8		59724	0.016	0.016	0.0	
55716	0.330	0.410	-19.5		57913	0.182	0.206	-11.7		59725	0.094	0.126	-25.4	
55802	0.016	0.013	+23.1		57998	0.044	0.047	-6.4		59726	0.020	0.023	-13.0	
55918	1.320	1.760	-25.0		57999	0.055	0.065	-15.4		59738	0.043	0.052	-17.3	
55919	2.480	2.950	-15.9		58095	1.050	1.220	-13.9		59750	0.106	0.141	-24.8	
56040	0.019	0.028	-32.1	L	58096	1.080	1.350	-20.0		59773	0.019	0.023	-17.4	
56202	0.053	0.063	-15.9		58301	0.075	0.086	-12.8		59774	0.105	0.127	-17.3	
56390	0.590	0.640	-7.8		58302	0.034	0.042	-19.1		59775	0.133	0.156	-14.7	

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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	3.500	3.740	-6.4		96409	7.370	7.810	-5.6	
59782	0.630	0.620	+1.6		91342	3.230	3.450	-6.4		96410	7.410	7.910	-6.3	
59798	0.290	0.330	-12.1		91343	1.310	1.400	-6.4		96611	1.250	1.340	-6.7	
59886	0.072	0.087	-17.2		91436	1.880	2.010	-6.5		97221	1.070	1.140	-6.1	
59889	0.176	0.192	-8.3		91507	2.700	2.880	-6.2		97222	1.540	1.630	-5.5	
59904	0.110	0.088	+25.0	U	91551	0.620	0.660	-6.1		97223	2.420	2.570	-5.8	
59905	0.100	0.112	-10.7		91555	0.870	0.940	-7.4		97447	4.580	4.890	-6.3	
59914	0.580	0.650	-10.8		91560	3.910	4.170	-6.2		97650	3.230	3.450	-6.4	
59915	0.510	0.530	-3.8		91577	2.830	3.020	-6.3		97651	3.910	4.170	-6.2	
59917	0.195	0.222	-12.2		91746	4.990	5.320	-6.2		97652	4.180	4.460	-6.3	
59923	0.004	0.006	-33.3		92053	0.570	0.570	0.0		97653	2.700	2.710	-0.4	
59925	1.110	1.150	-3.5		92054	0.216	0.220	-1.8		97654	2.560	2.730	-6.2	
59926	0.570	0.460	+23.9	U	92055	0.216	0.220	-1.8		97655	3.770	4.030	-6.5	
59927	0.880	1.100	-20.0		92101	2.700	2.880	-6.2		98002	0.850	0.910	-6.6	
59931	0.320	0.370	-13.5		92102	2.970	3.170	-6.3		98152	0.450	0.470	-4.3	
59932	0.570	0.690	-17.4		92215	2.700	2.880	-6.2		98157	0.290	0.310	-6.5	
59947	0.214	0.260	-17.7		92338	1.760	1.870	-5.9		98163	0.169	0.179	-5.6	
59955	0.098	0.114	-14.0		92446	1.620	1.730	-6.4		98164	0.059	0.062	-4.8	
59963	0.260	0.320	-18.8		92447	1.330	1.420	-6.3		98303	5.000	5.070	-1.4	
59964	0.052	0.059	-11.9		92451	2.020	2.160	-6.5		98304	3.000	3.040	-1.3	
59970	0.121	0.147	-17.7		92478	1.480	1.580	-6.3		98305	1.500	1.520	-1.3	
59975	0.099	0.130	-23.9		94007	4.320	4.610	-6.3		98306	0.810	0.830	-2.4	
59984	0.034	0.041	-17.1		94276	3.770	4.030	-6.5		98307	0.450	0.460	-2.2	
59988	0.041	0.050	-18.0		94381	9.150	9.700	-5.7		98308	0.830	0.840	-1.2	
59989	0.031	0.037	-16.2		94404	3.560	3.870	-8.0		98309	1.840	1.860	-1.1	
91111	4.990	5.320	-6.2		94569	3.500	3.740	-6.4		98344	0.630	0.640	-1.6	
91125	1.610	1.710	-5.8		95124	1.100	1.120	-1.8		98449	21.300	21.600	-1.4	
91127	1.010	1.070	-5.6		95310	1.030	1.090	-5.5		98482	5.530	5.900	-6.3	
91150	4.580	4.890	-6.3		95410	2.430	2.590	-6.2		98483	13.500	14.400	-6.3	
91155	23.300	24.900	-6.4		95455	1.480	1.510	-2.0		98502	3.230	3.450	-6.4	
91235	1.980	2.100	-5.7		95505	1.880	2.010	-6.5		98636	3.100	3.310	-6.3	
91265	2.890	2.420	+19.4		95625	3.230	3.450	-6.4		98659	0.340	0.360	-5.6	
91266	0.760	0.810	-6.2		95647	4.990	5.320	-6.2		98677	8.900	9.500	-6.3	
91280	2.350	3.160	-25.6	L	96053	3.770	4.030	-6.5		98678	11.700	12.500	-6.4	
91340	6.740	7.200	-6.4		96408	10.400	11.000	-5.5		98805	1.150	1.280	-10.2	

L - Lower Cap Applied
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STATE: 43 - UTAH
 SUBLINE: PRODUCTS/COMPLETED OPERATIONS

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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	3.100	3.310	-6.3											
98813	1.670	1.690	-1.2											
98820	3.100	3.310	-6.3											
98884	1.880	2.010	-6.5											
98914	0.460	0.490	-6.1											
98949	0.260	0.280	-7.1											
98967	8.500	8.620	-1.4											
98993	3.130	3.320	-5.7											
99003	1.010	1.030	-1.9											
99004	1.350	1.440	-6.2											
99080	6.330	6.760	-6.4											
99163	0.340	0.360	-5.6											
99315	1.760	1.870	-5.9											
99321	2.020	2.160	-6.5											
99613	2.020	2.160	-6.5											
99650	0.900	0.960	-6.2											
99746	2.830	3.020	-6.3											
99803	7.300	7.750	-5.8											
99826	0.590	0.590	0.0											
99827	0.520	0.520	0.0											
99946	2.050	2.180	-6.0											
99948	16.700	16.900	-1.2											
99952	13.200	13.300	-0.8											
99953	8.000	8.190	-2.3											
99954	10.300	10.400	-1.0											
99955	8.500	8.620	-1.4											
99969	2.180	2.350	-7.2											

L - Lower Cap Applied
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UTAH
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
09/30/2019	\$9,616,469	\$8,635,077	0.25	0.898	245
09/30/2020	\$9,929,786	\$6,308,694	0.25	0.635	225
09/30/2021	\$10,037,259	\$9,007,799	0.25	0.897	234
09/30/2022	\$10,289,020	\$7,010,822	0.25	0.681	222

(7)	WEIGHTED EXPERIENCE RATIO	0.778
(8)	EXPECTED EXPERIENCE RATIO (SEE FOOTNOTE C)	1.007
(9)	CREDIBILITY BASED ON LATEST FOUR YEARS NUMBER OF INCURRED OCCURRENCES (SEE EXPLANATORY PAGE C-13 - CREDIBILITY STANDARDS)...	0.38
(10)	CREDIBILITY-WEIGHTED EXPERIENCE RATIO { (7) X (9) } + { (8) X {1.0 - (9)} }	0.920
(11)	INDICATED MONOLINE-MULTILINE LOSS COST LEVEL CHANGE { (10) - 1 } X 100%	- 8.0%
(12)	INDICATED STATEWIDE MONOLINE CHANGE (SEE SECTION B - BASIC LIMIT RELATIVE CHANGE ANALYSIS)	- 7.2%
(13)	SELECTED STATEWIDE MONOLINE CHANGE	- 7.2%

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

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

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

UTAH
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
09/30/2019	\$7,524,783	\$8,018,383	0.25	1.066	233
09/30/2020	\$6,695,844	\$5,085,087	0.25	0.759	137
09/30/2021	\$6,697,103	\$3,593,303	0.25	0.537	132
09/30/2022	\$7,044,230	\$4,133,210	0.25	0.587	108

(7)	WEIGHTED EXPERIENCE RATIO	0.737
(8)	EXPECTED EXPERIENCE RATIO (SEE FOOTNOTE C)	1.063
(9)	CREDIBILITY BASED ON LATEST FOUR YEARS NUMBER OF INCURRED OCCURRENCES (SEE EXPLANATORY PAGE C-13 - CREDIBILITY STANDARDS)...	0.32
(10)	CREDIBILITY-WEIGHTED EXPERIENCE RATIO { (7) X (9) } + { (8) X { 1.0 - (9) } }	0.959
(11)	INDICATED MONOLINE-MULTILINE LOSS COST LEVEL CHANGE { (10) - 1 } X 100%	- 4.1%
(12)	INDICATED STATEWIDE MONOLINE CHANGE (SEE SECTION B - BASIC LIMIT RELATIVE CHANGE ANALYSIS)	- 3.5%
(13)	SELECTED STATEWIDE MONOLINE CHANGE	- 3.5%

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

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

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

UTAH
PRODUCTS
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	\$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).....				- 10.4%
(11)	SELECTED STATEWIDE MONOLINE CHANGE.....				- 10.4%
(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).				

UTAH
 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).....				- 5.0%
(11)	SELECTED STATEWIDE MONOLINE CHANGE.....				- 5.0%
(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.				

UTAH
MANUFACTURERS AND CONTRACTORS
BASIC LIMIT RELATIVE CHANGE ANALYSIS

	(1)	(2)	(3)	(4)	STATEWIDE COVERAGE INDICATION OF - 8.0%
TOP	BAILEY FORMULA RELATIV.	CREDIBILITY Z	Z-WTD RELATIV.	BALANCED RELATIV.	
10	1.061	0.164	1.010	1.008	
33	4.175	0.024	1.034	1.033	
34	0.779	0.049	0.988	0.987	
35	1.430	0.017	1.006	1.005	
36	1.357	0.080	1.025	1.023	
37	1.107	0.058	1.006	1.005	
38	0.923	0.161	0.987	0.986	
					(5)
CLASS GROUP					INDICATED MONOLINE CHANGE
30	0.802	0.084	0.982	0.979	- 9.1%
31	1.032	0.101	1.003	1.001	- 7.1%
32	1.124	0.170	1.020	1.018	- 5.6%
33	1.198	0.077	1.014	1.012	- 6.1%
34	0.871	0.077	0.989	0.987	- 8.4%
35	0.559	0.018	0.989	0.987	- 8.4%
36	0.351	0.047	0.952	0.950	- 11.8%
37	0.163	0.030	0.947	0.945	- 12.3%
38	1.150	0.063	1.009	1.007	- 6.6%
OVERALL MONOLINE CHANGE *					- 7.2%

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

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

TYPE OF POLICY	CLASS GROUP	(1) FISCAL A.Y.E. 09/30/2022 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.
10 MONOLINE	30 SERVICE	\$273,017	\$1,173,245	0.666	0.846	75	0.987
	31 LIGHT CONTRACTING	\$440,271	\$2,037,261	0.554	0.704	60	1.009
	32 MEDIUM CONTRCTING	\$2,008,243	\$9,619,124	0.814	1.034	233	1.026
	33 HEAVY CONTRACTING	\$794,745	\$3,364,573	1.445	1.836	66	1.020
	34 DEALER OR DISTRIB	\$141,511	\$667,422	0.680	0.864	21	0.995
	35 LGT. MANUFACTURER	\$37,899	\$137,794	0.540	0.686	1	0.995
	36 MED. MANUFACTURER	\$274,379	\$1,265,336	0.525	0.667	8	0.958
	37 HVY. MANUFACTURER	\$116,213	\$788,946	0.280	0.356	3	0.953
	38 MISC. OPERATION	\$160,796	\$618,469	0.678	0.861	18	1.015
	TOTAL *	\$4,247,074	\$19,672,169	0.850		485	
33 MULT OFFICE	31 LIGHT CONTRACTING	\$2,780	\$14,717	1.135	1.442	1	1.034
	32 MEDIUM CONTRCTING	\$825	\$5,903	0.000	0.000	0	1.052
	33 HEAVY CONTRACTING	\$23,048	\$118,550	0.000	0.000	0	1.045
	38 MISC. OPERATION	\$34,363	\$132,694	6.692	8.503	9	1.040
	TOTAL *	\$61,016	\$271,864	3.820		10	
34 MULT MERCANTILE	30 SERVICE	\$28,119	\$93,956	0.000	0.000	0	0.966
	32 MEDIUM CONTRCTING	\$61,962	\$264,716	0.048	0.061	1	1.005
	34 DEALER OR DISTRIB	\$271,306	\$1,337,036	0.508	0.645	32	0.974
	38 MISC. OPERATION	\$22,104	\$120,947	3.445	4.377	10	0.994
	TOTAL *	\$383,492	\$1,816,655	0.566		43	
35 MULT INSTITUT.	31 LIGHT CONTRACTING	\$9,029	\$43,363	0.000	0.000	0	1.006
	32 MEDIUM CONTRCTING	\$29,358	\$110,090	1.622	2.061	5	1.023
	TOTAL *	\$38,387	\$153,453	1.240		5	
36 MULT SERVICES	30 SERVICE	\$15,826	\$68,933	1.486	1.888	14	1.002
	31 LIGHT CONTRACTING	\$30,160	\$260,010	1.056	1.342	8	1.024
	32 MEDIUM CONTRCTING	\$93,212	\$384,362	2.211	2.809	7	1.041
	33 HEAVY CONTRACTING	\$13,806	\$67,663	0.000	0.000	0	1.035
	34 DEALER OR DISTRIB	\$213,785	\$1,103,026	1.040	1.321	53	1.010
	36 MED. MANUFACTURER	\$2,453	\$13,849	0.000	0.000	0	0.972
	38 MISC. OPERATION	\$227,863	\$1,277,939	0.756	0.961	32	1.030
	TOTAL *	\$597,105	\$3,175,782	1.099		114	

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

TYPE OF POLICY	CLASS GROUP	(1) FISCAL A.Y.E. 09/30/2022 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.
37 MULT INDUST/PROC.	31 LIGHT CONTRACTING	\$485	\$2,529	0.000	0.000	0	1.006
	32 MEDIUM CONTRCTING	\$81,882	\$380,381	2.075	2.637	8	1.023
	33 HEAVY CONTRACTING	\$23,253	\$112,718	1.268	1.611	3	1.017
	34 DEALER OR DISTRIB	\$12,683	\$68,305	0.000	0.000	0	0.992
	35 LGT. MANUFACTURER	\$120,129	\$440,418	0.464	0.590	5	0.992
	36 MED. MANUFACTURER	\$699,710	\$3,110,150	0.216	0.274	31	0.955
	37 HVY. MANUFACTURER	\$364,497	\$1,573,364	0.096	0.122	13	0.950
	38 MISC. OPERATION	\$6,485	\$27,506	0.613	0.779	1	1.012
	TOTAL *	\$1,309,123	\$5,715,372	0.340		61	
38 MULT CONTRACTORS	30 SERVICE	\$404,788	\$2,099,621	0.594	0.755	39	0.965
	31 LIGHT CONTRACTING	\$496,083	\$2,773,531	1.060	1.347	116	0.987
	32 MEDIUM CONTRCTING	\$2,120,390	\$10,638,905	0.862	1.095	269	1.004
	33 HEAVY CONTRACTING	\$637,680	\$2,654,524	0.477	0.606	39	0.998
	38 MISC. OPERATION	\$6,243	\$359,803	0.018	0.023	1	0.993
	TOTAL *	\$3,665,184	\$18,526,385	0.791		464	
TOTAL ALL	TOP 30 SERVICE	\$721,751	\$3,435,754	0.618		128	
	31 LIGHT CONTRACTING	\$978,808	\$5,131,412	0.822		185	
	32 MEDIUM CONTRCTING	\$4,395,873	\$21,403,482	0.885		523	
	33 HEAVY CONTRACTING	\$1,492,532	\$6,318,029	0.993		108	
	34 DEALER OR DISTRIB	\$639,285	\$3,175,788	0.714		106	
	35 LGT. MANUFACTURER	\$158,028	\$578,212	0.482		6	
	36 MED. MANUFACTURER	\$976,542	\$4,389,335	0.302		39	
	37 HVY. MANUFACTURER	\$480,710	\$2,362,310	0.140		16	
	38 MISC. OPERATION	\$457,854	\$2,537,359	1.292		71	
	TOTAL *	\$10,301,381	\$49,331,679	0.787		1,182	

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

UTAH
OWNERS, LANDLORDS AND TENANTS
BASIC LIMIT RELATIVE CHANGE ANALYSIS

	(1)	(2)	(3)	(4)	STATEWIDE COVERAGE INDICATION OF - 4.1%
TOP	BAILEY FORMULA RELATIV.	CREDIBILITY Z	Z-WTD RELATIV.	BALANCED RELATIV.	
10	1.087	0.125	1.011	1.006	
31	0.563	0.076	0.957	0.953	
32	0.921	0.059	0.995	0.991	
33	1.100	0.075	1.007	1.003	
34	1.186	0.109	1.019	1.014	
35	0.484	0.046	0.967	0.963	
36	0.934	0.048	0.997	0.992	
CLASS GROUP					(5) INDICATED MONOLINE CHANGE
01	0.703	0.058	0.980	0.982	- 5.2%
02	0.603	0.080	0.960	0.963	- 7.1%
03	1.124	0.061	1.007	1.010	- 2.6%
04	0.102	0.011	0.976	0.979	- 5.5%
05	0.099	0.011	0.976	0.979	- 5.6%
06	0.689	0.026	0.990	0.993	- 4.2%
07	1.105	0.050	1.005	1.008	- 2.8%
08	2.432	0.011	1.009	1.012	- 2.3%
09	1.534	0.107	1.047	1.050	+ 1.3%
10	1.700	0.041	1.022	1.025	- 1.1%
11	1.515	0.062	1.026	1.029	- 0.7%
12	0.920	0.108	0.991	0.994	- 4.1%
13	2.425	0.027	1.024	1.027	- 0.9%
16	1.312	0.017	1.005	1.007	- 2.8%

OVERALL MONOLINE CHANGE * - 3.5%

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

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

TYPE OF POLICY	CLASS GROUP	(1) FISCAL A.Y.E. 09/30/2022 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.
10 MONOLINE	01 FOOD&BEV. (RETAIL)	\$39,311	\$328,868	2.311	2.738	8	0.988
	02 RESTAURANTS	\$141,651	\$801,533	0.712	0.844	28	0.969
	03 STORES	\$268,045	\$867,969	0.928	1.100	19	1.016
	04 VENDING & RENTAL	\$2,946	\$30,173	0.000	0.000	0	0.985
	05 FOOD & BEV. DIST.	\$6,218	\$172,021	0.000	0.000	0	0.985
	06 NON-FOOD&BEV.DIST	\$49,317	\$244,350	0.868	1.028	4	0.999
	07 CLUBS,AMSMT&SPRTS	\$140,412	\$771,851	1.054	1.249	17	1.014
	08 HEALTH CARE FACIL	\$6,136	\$24,996	0.051	0.061	0	1.018
	09 HOTELS AND MOTELS	\$135,808	\$1,563,023	1.594	1.888	101	1.056
	10 SCHLS & CHURCHES	\$55,578	\$294,670	2.364	2.801	10	1.031
	11 APARTMENTS	\$129,703	\$1,033,009	1.484	1.758	21	1.035
	12 BUILDINGS&OFFICES	\$627,199	\$3,314,360	0.611	0.724	67	1.000
	13 MISC. PREMISES	\$27,925	\$198,908	2.277	2.698	6	1.033
	16 GOVT SUBDIVISIONS	\$171	\$950	0.000	0.000	0	1.013
	TOTAL *	\$1,630,419	\$9,646,681	0.993		281	
31 MULT MOTEL/HOTEL	09 HOTELS AND MOTELS	\$561,524	\$3,328,641	0.730	0.865	105	1.001
	TOTAL *	\$561,524	\$3,328,641	0.730		105	
32 MULT APARTMENT	11 APARTMENTS	\$244,715	\$1,197,513	1.130	1.338	49	1.020
	12 BUILDINGS&OFFICES	59,177	438,891	0.920	1.090	14	0.985
	TOTAL *	\$303,893	\$1,636,403	1.089		63	
33 MULT OFFICE	12 BUILDINGS&OFFICES	\$1,079,247	\$5,263,679	0.875	1.037	101	0.997
	13 MISC. PREMISES	9,614	41,217	0.000	0.000	0	1.030
	TOTAL *	\$1,088,861	\$5,304,896	0.867		101	
34 MULT MERCANTILE	01 FOOD&BEV. (RETAIL)	\$528,671	\$3,006,640	0.580	0.687	53	0.996
	02 RESTAURANTS	\$976,936	\$4,149,539	0.581	0.688	87	0.976
	03 STORES	\$604,131	\$2,588,215	1.175	1.392	42	1.024
	04 VENDING & RENTAL	\$720	\$4,351	0.450	0.533	1	0.993
	05 FOOD & BEV. DIST.	\$48,468	\$276,232	0.111	0.132	2	0.993
	06 NON-FOOD&BEV.DIST	\$201,510	\$899,376	0.632	0.749	8	1.007
	12 BUILDINGS&OFFICES	\$168,871	\$685,923	1.329	1.574	19	1.008
	TOTAL *	\$2,529,307	\$11,610,276	0.767		212	
35 MULT INSTITUT.	07 CLUBS,AMSMT&SPRTS	\$45,795	\$429,640	1.130	1.339	10	0.971
	08 HEALTH CARE FACIL	\$11,051	\$48,754	2.361	2.797	2	0.975
	10 SCHLS & CHURCHES	\$119,645	\$603,108	0.326	0.386	20	0.987
	12 BUILDINGS&OFFICES	\$7,552	\$15,502	0.064	0.075	1	0.957
	16 GOVT SUBDIVISIONS	\$217,074	\$434,258	0.537	0.636	5	0.970
	TOTAL *	\$401,117	\$1,531,263	0.583		38	

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

TYPE OF POLICY	CLASS GROUP	(1) FISCAL A.Y.E. 09/30/2022 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.
36 MULT SERVICES	03 STORES	\$72,792	\$373,897	0.857	1.016	6	1.002
	04 VENDING & RENTAL	\$14,119	\$80,856	0.082	0.097	1	0.971
	07 CLUBS, AMSMT & SPRTS	\$341,386	\$1,469,307	0.764	0.905	18	1.000
	08 HEALTH CARE FACIL	\$900	\$2,408	0.000	0.000	0	1.004
	09 HOTELS AND MOTELS	\$24,697	\$149,826	0.190	0.226	2	1.042
	10 SCHLS & CHURCHES	\$475	\$2,422	0.000	0.000	0	1.017
	12 BUILDINGS & OFFICES	\$55,425	\$358,974	1.559	1.847	8	0.986
	13 MISC. PREMISES	\$15,796	\$143,475	3.193	3.784	7	1.019
	TOTAL *	\$525,590	\$2,581,165	0.887		42	
TOTAL ALL	TOP						
	01 FOOD & BEV. (RETAIL)	\$567,982	\$3,335,508	0.700		61	
	02 RESTAURANTS	\$1,118,586	\$4,951,072	0.597		115	
	03 STORES	\$944,968	\$3,830,081	1.080		67	
	04 VENDING & RENTAL	\$17,785	\$115,380	0.083		2	
	05 FOOD & BEV. DIST.	\$54,686	\$448,253	0.099		2	
	06 NON-FOOD & BEV. DIST	\$250,827	\$1,143,726	0.678		12	
	07 CLUBS, AMSMT & SPRTS	\$527,593	\$2,670,798	0.873		45	
	08 HEALTH CARE FACIL	\$18,088	\$76,158	1.460		2	
	09 HOTELS AND MOTELS	\$722,029	\$5,041,490	0.874		208	
	10 SCHLS & CHURCHES	\$175,697	\$900,200	0.970		30	
	11 APARTMENTS	\$374,418	\$2,230,522	1.252		70	
	12 BUILDINGS & OFFICES	\$1,997,471	\$10,077,329	0.848		210	
	13 MISC. PREMISES	\$53,335	\$383,600	2.138		13	
	16 GOVT SUBDIVISIONS	\$217,245	\$435,208	0.536		5	
	TOTAL *	\$7,040,710	\$35,639,325	0.844		842	

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

UTAH
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%	- 16.4%	- 16.4%
4	1.069	0.394	1.027	1.027	- 12.1%	- 11.7%	- 11.7%
5	1.116	0.105	1.012	1.012	- 13.4%	- 14.7%	- 14.7%
6	0.992	0.299	0.998	0.998	- 14.6%	- 5.7%	- 5.7%
7	0.865	0.118	0.983	0.983	- 15.8%	- 17.9%	- 17.9%
OVERALL MONOLINE CHANGE *					- 14.4%	- 10.4%	- 10.4%

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 ALCCL 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.

UTAH
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			
					(5)	(6)	(7)
					INDICATED	INDICATED	SELECTED
					MULTISTATE	STATEWIDE	STATEWIDE
CLASS					MONOLINE	MONOLINE	MONOLINE
GROUP					CHANGE	CHANGE #	CHANGE
1	1.380	0.484	1.169	1.175	+ 12.9%	+ 11.9%	+ 11.5%
2	1.005	0.553	1.003	1.008	- 2.9%	- 3.3%	- 3.7%
11	1.100	0.365	1.036	1.041	0.0%	- 0.7%	- 0.7%
12	0.983	1.000	0.983	0.988	- 4.9%	- 5.6%	- 5.6%
13	0.961	0.263	0.990	0.995	- 4.4%	- 5.1%	- 5.1%
OVERALL MONOLINE CHANGE *					- 4.1%	- 5.0%	- 5.0%

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		
	0.984	0.327	0.995	0.998		
	0.965	0.163	0.994	0.998		
	0.960	0.162	0.993	0.997		
	0.984	0.436	0.993	0.996		
	0.966	0.208	0.993	0.996		
	0.968	0.232	0.992	0.996		
	0.936	0.133	0.991	0.995		
UTAH	0.960	0.249	0.990	0.993	- 5.0%	- 5.0%
	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.

UTAH
LOCAL PRODUCTS/COMPLETED OPERATIONS
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	1 RET.STRS-FOOD/DRG	\$8,039	\$59,784	0.141	0.146	3	1.174
	2 RET.STRS-NTFD/DRG	\$43,938	\$144,150	2.294	2.381	6	1.007
	11 COMP. OPS. (LOW)	\$50,526	\$365,261	0.138	0.143	2	1.040
	12 COMP. OPS. (MED)	\$1,762,747	\$7,910,426	0.628	0.652	78	0.987
	13 COMP. OPS. (HGH)	\$129,227	\$603,319	0.758	0.787	5	0.994
	TOTAL *	\$1,994,477	\$9,082,940	0.659		94	
34 MULT MERCANTILE	1 RET.STRS-FOOD/DRG	\$70,555	\$373,659	0.154	0.159	10	1.173
	2 RET.STRS-NTFD/DRG	\$37,449	\$201,603	2.907	3.017	12	1.007
	12 COMP. OPS. (MED)	\$21,777	\$71,213	0.071	0.073	1	0.987
	TOTAL *	\$129,780	\$646,476	0.934		23	
36 MULT SERVICES	1 RET.STRS-FOOD/DRG	\$4,702	\$36,661	0.000	0.000	0	1.160
	2 RET.STRS-NTFD/DRG	\$129,623	\$580,254	1.980	2.056	37	0.995
	11 COMP. OPS. (LOW)	\$22,749	\$72,355	0.401	0.416	2	1.028
	12 COMP. OPS. (MED)	\$28,415	\$144,127	1.361	1.412	19	0.975
	13 COMP. OPS. (HGH)	\$11,015	\$56,908	2.681	2.783	1	0.982
	TOTAL *	\$196,504	\$890,305	1.700		59	
37 MULT INDUST/PROC.	11 COMP. OPS. (LOW)	\$568	\$3,236	0.000	0.000	0	1.017
	12 COMP. OPS. (MED)	\$53,456	\$267,303	0.054	0.056	1	0.965
	13 COMP. OPS. (HGH)	\$8	\$231	0.000	0.000	0	0.972
	TOTAL *	\$54,032	\$270,770	0.053		1	
38 MULT CONTRACTORS	11 COMP. OPS. (LOW)	\$201,921	\$970,573	0.763	0.792	9	1.036
	12 COMP. OPS. (MED)	\$2,888,880	\$12,962,609	1.078	1.119	148	0.983
	13 COMP. OPS. (HGH)	\$162,152	\$910,830	0.869	0.902	8	0.990
	TOTAL *	\$3,252,953	\$14,844,011	1.048		165	
TOTAL ALL	TOP						
	1 RET.STRS-FOOD/DRG	\$83,295	\$470,104	0.144		13	
	2 RET.STRS-NTFD/DRG	\$211,010	\$926,007	2.210		55	
	11 COMP. OPS. (LOW)	\$275,764	\$1,411,424	0.617		13	
	12 COMP. OPS. (MED)	\$4,755,274	\$21,355,679	0.897		247	
	13 COMP. OPS. (HGH)	\$302,402	\$1,571,288	0.887		14	
	TOTAL *	\$5,627,746	\$25,734,503	0.921		342	

* 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) 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	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.

UTAH
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 #		IPMF *		BASIC LIMIT
		AGGREGATE LOSS COSTS AT CURRENT LEVEL		FACTOR +						AGGREGATE LOSS COSTS AT CURRENT LEVEL
MONOLINE	09/30/2019	\$3,009,592		1.000		1.252				\$3,768,009
	09/30/2020	\$3,259,142		1.000		1.234				\$4,021,781
	09/30/2021	\$3,316,196		0.999		1.200				\$3,975,456
	09/30/2022	\$3,644,940		1.029		1.131				\$4,241,978
MULTILINE	09/30/2019	\$4,519,228		1.000		1.254		1.032		\$5,848,460
	09/30/2020	\$4,619,028		1.000		1.237		1.034		\$5,908,005
	09/30/2021	\$4,842,543		0.999		1.206		1.039		\$6,061,803
	09/30/2022	\$5,004,957		1.029		1.129		1.040		\$6,047,042
TOTAL	09/30/2019									\$9,616,469
	09/30/2020									\$9,929,786
	09/30/2021									\$10,037,259
	09/30/2022									\$10,289,020

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

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

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

UTAH
MANUFACTURERS AND CONTRACTORS
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 LOSS ADJUSTMENT FACTOR	X	SEVERITY TREND	X	FREQUENCY TREND	=	\$100,000
					BASIC LIMIT INDEMNITY DEVELOPMENT FACTOR #								BASIC LIMIT DEVELOPED & TRENDED LOSSES AND ALAE
BI	B/L INDEMNITY	09/30/2019	\$1,293,875		0.973		1.075		1.467		0.970		\$1,925,819
		09/30/2020	\$908,868		1.032		1.075		1.377		0.975		\$1,353,716
		09/30/2021	\$1,152,032		1.355		1.075		1.293		0.980		\$2,126,361
		09/30/2022	\$665,908		2.043		1.075		1.214		0.985		\$1,748,823
BI	ALAE	09/30/2019	\$622,865				1.075		1.467		0.970		\$952,805
		09/30/2020	\$377,204				1.075		1.377		0.975		\$544,407
		09/30/2021	\$1,198,794				1.075		1.293		0.980		\$1,632,968
		09/30/2022	\$538,137				1.075		1.214		0.985		\$691,761
PD	B/L INDEMNITY	09/30/2019	\$1,889,899		1.030		1.075		1.307		0.970		\$2,652,966
		09/30/2020	\$2,010,277		1.057		1.075		1.251		0.975		\$2,786,129
		09/30/2021	\$2,032,023		1.098		1.075		1.197		0.980		\$2,813,582
		09/30/2022	\$1,723,802		1.237		1.075		1.145		0.985		\$2,585,278
PD	ALAE	09/30/2019	\$647,621				1.075		1.307		0.970		\$882,625
		09/30/2020	\$516,338				1.075		1.251		0.975		\$677,025
		09/30/2021	\$426,887				1.075		1.197		0.980		\$538,321
		09/30/2022	\$581,593				1.075		1.145		0.985		\$705,130
MED PAY #	B/L INDEMNITY	09/30/2019	\$15,006				1.075		1.467		0.970		\$22,955
		09/30/2020	\$0				1.075		1.377		0.975		\$0
		09/30/2021	\$20,000				1.075		1.293		0.980		\$27,244
		09/30/2022	\$25,517				1.075		1.214		0.985		\$32,801
FRINGE	B/L INDEMNITY	09/30/2019	\$227,016		1.038		1.075		1.000		0.970		\$245,716
		09/30/2020	\$78,885		1.110		1.075		1.000		0.975		\$91,776
		09/30/2021	\$119,747		1.262		1.075		1.000		0.980		\$159,206
		09/30/2022	\$75,061		1.541		1.075		1.000		0.985		\$122,479
FRINGE	ALAE	09/30/2019	\$683,312				1.075		1.000		0.970		\$712,524
		09/30/2020	\$56,791				1.075		1.000		0.975		\$59,524
		09/30/2021	\$102,289				1.075		1.000		0.980		\$107,761
		09/30/2022	\$95,038				1.075		1.000		0.985		\$100,633
TOTAL													
FULL COVERAGE		09/30/2019											\$7,395,410
		09/30/2020											\$5,512,577
		09/30/2021											\$7,405,443
		09/30/2022											\$5,986,905

* 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.

UTAH
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 FACTOR #	X	UNALLOCATED LOSS ADJUSTMENT FACTOR	X	SEVERITY TREND	X	FREQUENCY TREND	=	\$100,000 BASIC LIMIT DEVELOPED & TRENDED LOSSES AND ALAE
BI	B/L INDEMNITY	09/30/2019	\$347,509		1.011		1.075		1.467		0.970		\$537,437
		09/30/2020	\$128,000		1.132		1.075		1.377		0.975		\$209,124
		09/30/2021	\$115,001		1.522		1.075		1.293		0.980		\$238,424
		09/30/2022	\$39,300		2.487		1.075		1.214		0.985		\$125,641
BI	ALAE	09/30/2019	\$145,268				1.075		1.467		0.970		\$222,219
		09/30/2020	\$25,042				1.075		1.377		0.975		\$36,142
		09/30/2021	\$209,592				1.075		1.293		0.980		\$285,501
		09/30/2022	\$36,475				1.075		1.214		0.985		\$46,887
PD	B/L INDEMNITY	09/30/2019	\$292,253		1.041		1.075		1.307		0.970		\$414,635
		09/30/2020	\$328,406		1.065		1.075		1.251		0.975		\$458,597
		09/30/2021	\$435,366		1.139		1.075		1.197		0.980		\$625,327
		09/30/2022	\$438,472		1.284		1.075		1.145		0.985		\$682,586
PD	ALAE	09/30/2019	\$46,847				1.075		1.307		0.970		\$63,847
		09/30/2020	\$58,693				1.075		1.251		0.975		\$76,958
		09/30/2021	\$358,639				1.075		1.197		0.980		\$452,257
		09/30/2022	\$139,205				1.075		1.145		0.985		\$168,774
MED PAY #	B/L INDEMNITY	09/30/2019	\$1,000				1.075		1.467		0.970		\$1,530
		09/30/2020	\$10,598				1.075		1.377		0.975		\$15,296
		09/30/2021	\$622				1.075		1.293		0.980		\$847
		09/30/2022	\$21				1.075		1.214		0.985		\$27
	TOTAL DED COVERAGE	09/30/2019											\$1,239,668
		09/30/2020											\$796,117
		09/30/2021											\$1,602,356
		09/30/2022											\$1,023,915
	TOTAL OCCURRENCE	09/30/2019											\$8,635,077
		09/30/2020											\$6,308,694
		09/30/2021											\$9,007,799
		09/30/2022											\$7,010,822

* 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.

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

		\$100,000							TRENDED \$100,000
TYPE OF POLICY	ACCIDENT	BASIC LIMIT	EXPOSURE		EXPOSURE		AVERAGE		BASIC LIMIT
	YEAR	AGGREGATE LOSS COSTS	DEVELOPMENT		TREND #		IPMF *	=	AGGREGATE LOSS COSTS
	ENDING	AT CURRENT LEVEL	X	FACTOR +	X				AT CURRENT LEVEL
MONOLINE	09/30/2019	\$2,001,520		1.000		1.085			\$2,171,649
	09/30/2020	\$1,687,063		1.000		1.070			\$1,805,157
	09/30/2021	\$1,436,516		0.999		1.051			\$1,508,269
	09/30/2022	\$1,565,422		1.001		1.041			\$1,631,234
MULTILINE	09/30/2019	\$4,891,065		1.000		1.126	0.972		\$5,353,134
	09/30/2020	\$4,574,155		1.000		1.100	0.972		\$4,890,687
	09/30/2021	\$4,925,556		0.999		1.086	0.971		\$5,188,834
	09/30/2022	\$5,234,109		1.001		1.064	0.971		\$5,412,996
TOTAL	09/30/2019								\$7,524,783
	09/30/2020								\$6,695,844
	09/30/2021								\$6,697,103
	09/30/2022								\$7,044,230

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

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

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

UTAH
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		LOSS		BASIC LIMIT				
					INDEMNITY DEVELOPMENT FACTOR #		ADJUSTMENT FACTOR	TREND	DEVELOPED & TRENDED LOSSES AND ALAE				
BI	B/L INDEMNITY	09/30/2019	\$2,916,307		1.019		1.075		1.597	0.970		\$4,948,716	
		09/30/2020	\$1,820,602		1.041		1.075		1.479	0.975		\$2,937,968	
		09/30/2021	\$1,156,804		1.184		1.075		1.369	0.980		\$1,975,375	
		09/30/2022	\$1,240,130		1.418		1.075		1.268	0.985		\$2,361,062	
BI	ALAE	09/30/2019	\$979,391				1.075		1.597	0.970		\$1,630,952	
		09/30/2020	\$705,357				1.075		1.479	0.975		\$1,093,428	
		09/30/2021	\$418,451				1.075		1.369	0.980		\$603,507	
		09/30/2022	\$804,531				1.075		1.268	0.985		\$1,080,206	
PD	B/L INDEMNITY	09/30/2019	\$393,949		1.057		1.075		1.597	0.970		\$693,426	
		09/30/2020	\$240,380		1.053		1.075		1.479	0.975		\$392,381	
		09/30/2021	\$219,374		1.082		1.075		1.369	0.980		\$342,334	
		09/30/2022	\$190,811		1.166		1.075		1.268	0.985		\$298,721	
PD	ALAE	09/30/2019	\$135,797				1.075		1.597	0.970		\$226,138	
		09/30/2020	\$77,374				1.075		1.479	0.975		\$119,943	
		09/30/2021	\$67,438				1.075		1.369	0.980		\$97,262	
		09/30/2022	\$74,874				1.075		1.268	0.985		\$100,530	
MED PAY #	B/L INDEMNITY	09/30/2019	\$228,327				1.075		1.597	0.970		\$380,227	
		09/30/2020	\$146,426				1.075		1.479	0.975		\$226,986	
		09/30/2021	\$121,593				1.075		1.369	0.980		\$175,366	
		09/30/2022	\$94,125				1.075		1.268	0.985		\$126,377	
FRINGE	B/L INDEMNITY	09/30/2019	\$0		1.123		1.075		1.162	0.970		\$0	
		09/30/2020	\$14,758		1.221		1.075		1.134	0.975		\$21,418	
		09/30/2021	\$3,121		1.453		1.075		1.106	0.980		\$5,284	
		09/30/2022	\$0		1.962		1.075		1.079	0.985		\$0	
FRINGE	ALAE	09/30/2019	\$864				1.075		1.162	0.970		\$1,047	
		09/30/2020	\$9,379				1.075		1.134	0.975		\$11,148	
		09/30/2021	\$3,169				1.075		1.106	0.980		\$3,693	
		09/30/2022	\$0				1.075		1.079	0.985		\$0	
TOTAL													
FULL COVERAGE		09/30/2019										\$7,880,506	
		09/30/2020										\$4,803,272	
		09/30/2021										\$3,202,821	
		09/30/2022										\$3,966,896	

* 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.

UTAH
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 LOSS ADJUSTMENT FACTOR	X	SEVERITY TREND	X	FREQUENCY TREND	=	\$100,000
					BASIC LIMIT INDEMNITY DEVELOPMENT FACTOR #								BASIC LIMIT DEVELOPED & TRENDED LOSSES AND ALAE
BI	B/L INDEMNITY	09/30/2019	\$47,000		0.997		1.075		1.597		0.970		\$78,033
		09/30/2020	\$130,909		1.051		1.075		1.479		0.975		\$213,282
		09/30/2021	\$133,715		1.269		1.075		1.369		0.980		\$244,726
		09/30/2022	\$0		1.758		1.075		1.268		0.985		\$0
BI	ALAE	09/30/2019	\$23,194				1.075		1.597		0.970		\$38,625
		09/30/2020	\$31,817				1.075		1.479		0.975		\$49,322
		09/30/2021	\$52,888				1.075		1.369		0.980		\$76,277
		09/30/2022	\$151				1.075		1.268		0.985		\$203
PD	B/L INDEMNITY	09/30/2019	\$5,300		0.973		1.075		1.597		0.970		\$8,588
		09/30/2020	\$4,918		1.051		1.075		1.479		0.975		\$8,013
		09/30/2021	\$25,019		1.192		1.075		1.369		0.980		\$43,011
		09/30/2022	\$64,268		1.363		1.075		1.268		0.985		\$117,613
PD	ALAE	09/30/2019	\$602				1.075		1.597		0.970		\$1,003
		09/30/2020	\$1,837				1.075		1.479		0.975		\$2,848
		09/30/2021	\$8,515				1.075		1.369		0.980		\$12,280
		09/30/2022	\$30,248				1.075		1.268		0.985		\$40,613
MED PAY #	B/L INDEMNITY	09/30/2019	\$6,983				1.075		1.597		0.970		\$11,629
		09/30/2020	\$5,387				1.075		1.479		0.975		\$8,351
		09/30/2021	\$9,837				1.075		1.369		0.980		\$14,187
		09/30/2022	\$5,872				1.075		1.268		0.985		\$7,884
	TOTAL												
	DED COVERAGE	09/30/2019											\$137,878
09/30/2020												\$281,816	
09/30/2021												\$390,481	
09/30/2022												\$166,313	
	TOTAL												
	OCCURRENCE	09/30/2019											\$8,018,383
09/30/2020												\$5,085,087	
09/30/2021												\$3,593,303	
09/30/2022												\$4,133,210	

* 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.

Utah
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	0.670
34	Mercantile Policy	1.500
35	Institutional Policy	0.793
36	Service Policy	1.035
37	Industrial / Processing Policy	1.150
38	Contractors Policy	0.987

- (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.

Utah
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	1.000
32	Apartment House Policy	1.000
33	Office Policy	1.024
34	Mercantile Policy	0.921
35	Institutional Policy	1.081
36	Service Policy	0.997
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.

UTAH

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	1.032	0.8274	1.030	12,000,000
27 to 39 Months	0.999	0.999	0.4382	0.999	70,000,000
Accident Year Ending	Exposure Development From 27:15	39:27	ULT:39		Factor
6/30/2020			1.000		1.000
6/30/2021		0.999	1.000		0.999
6/30/2022	1.030	0.999	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) $\{(3) \times (4)\} + \{(2) \times \{1.000 - (4)\}\}$

UTAH

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	1.001	1.004	0.3335	1.002	70,000,000
27 to 39 Months	0.999	0.999	0.1878	0.999	150,000,000
Accident Year Ending	Exposure Development From <u>27:15</u>	<u>39:27</u>	<u>ULT:39</u>		<u>Factor</u>
6/30/2020			1.000		1.000
6/30/2021		0.999	1.000		0.999
6/30/2022	1.002	0.999	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) $\{(3) \times (4)\} + \{(2) \times \{1.000 - (4)\}\}$

UTAH
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
6/30/2015	13,087,879	13,267,548	13,283,131	13,292,219	13,292,926	13,292,926	13,292,926	13,292,926
6/30/2016	13,650,799	14,067,018	14,057,733	14,057,249	14,057,778	14,057,778	14,057,778	
6/30/2017	14,682,473	15,208,933	15,201,429	15,197,186	15,195,999	15,196,773		
6/30/2018	16,259,185	16,663,043	16,632,472	16,627,995	16,633,803			
6/30/2019	17,673,138	18,095,051	18,114,156	18,115,790				
6/30/2020	19,081,119	19,848,867	19,833,508					
6/30/2021	20,757,637	21,511,160						
6/30/2022	22,577,251							

LINK RATIOS

Accident Year Ending	27:15	39:27	51:39	63:51	75:63	87:75	99:87
6/30/2015	1.014	1.001	1.001	1.000	1.000	1.000	1.000
6/30/2016	1.030	0.999	1.000	1.000	1.000	1.000	
6/30/2017	1.036	1.000	1.000	1.000	1.000		
6/30/2018	1.025	0.998	1.000	1.000			
6/30/2019	1.024	1.001	1.000				
6/30/2020	1.040	0.999					
6/30/2021	1.036						

Average Best 3 of 5
27:15 39:27
 1.032 0.999

UTAH
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
6/30/2015	9,827,091	9,897,368	9,895,371	9,895,838	9,895,838	9,895,838	9,895,838	9,895,838
6/30/2016	10,547,068	10,641,475	10,644,960	10,644,949	10,644,949	10,644,949	10,644,949	
6/30/2017	10,837,177	10,915,007	10,911,684	10,911,679	10,911,679	10,911,679		
6/30/2018	11,237,926	11,276,810	11,268,581	11,267,952	11,267,952			
6/30/2019	11,611,303	11,632,561	11,625,914	11,625,758				
6/30/2020	11,917,801	11,778,106	11,748,922					
6/30/2021	11,493,686	11,762,870						
6/30/2022	12,930,279							

LINK RATIOS

Accident Year Ending	27:15	39:27	51:39	63:51	75:63	87:75	99:87
6/30/2015	1.007	1.000	1.000	1.000	1.000	1.000	1.000
6/30/2016	1.009	1.000	1.000	1.000	1.000	1.000	
6/30/2017	1.007	1.000	1.000	1.000	1.000		
6/30/2018	1.003	0.999	1.000	1.000			
6/30/2019	1.002	0.999	1.000				
6/30/2020	0.988	0.998					
6/30/2021	1.023						

Average Best 3 of 5
27:15
 1.004 39:27
 0.999

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
6/30/2015	1,493,536,229	1,528,796,288	1,528,771,559	1,528,673,317	1,528,690,760	1,528,660,165	1,528,659,690	1,528,662,419
6/30/2016	1,506,257,005	1,538,600,050	1,537,724,825	1,537,630,768	1,537,664,781	1,537,660,474	1,537,661,137	
6/30/2017	1,555,402,883	1,585,809,319	1,586,054,546	1,586,080,871	1,586,066,827	1,586,070,948		
6/30/2018	1,627,159,922	1,654,316,256	1,653,348,702	1,653,158,047	1,653,207,648			
6/30/2019	1,712,467,516	1,740,839,080	1,741,629,626	1,741,485,747				
6/30/2020	1,781,158,282	1,798,556,015	1,797,068,730					
6/30/2021	1,838,417,474	1,883,395,356						
6/30/2022	2,016,833,202							

LINK RATIOS

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

Average Best 3 of 5
27:15
 1.018

39:27
 0.999

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

LINK RATIOS

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

Average Best 3 of 5
27:15
 1.001

39:27
 0.999

UTAH

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	1.541	1.486	0.5956	1.508	800,000
27 to 39 Months	1.296	1.322	0.6239	1.312	1,000,000
39 to 51 Months	1.093	1.037	0.5716	1.061	1,300,000
51 to 63 Months	1.017	0.938	0.5222	0.976	1,700,000
63 to 75 Months	1.001	1.008	0.4018	1.004	2,100,000
75 to 87 Months	0.998	0.992	0.4900	0.995	2,700,000
87 to 99 Months	0.998	0.996	0.4172	0.997	3,500,000
99 to 111 Months	1.000	1.000	0.3668	1.000	4,600,000
111 to 123 Months	0.998	1.000	0.2656	0.999	5,900,000
123 to 135 Months	1.001	1.000	0.2109	1.001	7,700,000
135 to 147 Months	1.000	1.000	0.1618	1.000	10,000,000
147 to 159 Months	1.002	1.000	0.1339	1.002	13,000,000
159 to 171 Months	1.000	1.000	0.1109	1.000	17,000,000
171 to 183 Months	1.000	1.000	0.0786	1.000	22,100,000
183 to 195 Months	1.000	1.000	0.0450	1.000	28,900,000
195 to 207 Months	1.000	1.000	0.0260	1.000	37,800,000
207 to 219 Months	1.000	1.000	0.0232	1.000	49,500,000
219 to 231 Months	1.000	1.000	0.0142	1.000	65,000,000
231 to 243 Months	1.000	1.000	0.0074	1.000	85,300,000
243 to Ultimate	The Multistate ratio has been used.				

Accident Year		Loss Development From									
Ending	27:15	39:27	51:39	63:51	75:63	87:75	99:87	111:99	123:111	135:123	147:135
6/30/2020			1.061	0.976	1.004	0.995	0.997	1.000	0.999	1.001	1.000
6/30/2021		1.312	1.061	0.976	1.004	0.995	0.997	1.000	0.999	1.001	1.000
6/30/2022	1.508	1.312	1.061	0.976	1.004	0.995	0.997	1.000	0.999	1.001	1.000
	159:147	171:159	183:171	195:183	207:195	219:207	231:219	243:231	ULT:243		Factor
6/30/2020	1.002	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000		1.032
6/30/2021	1.002	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000		1.355
6/30/2022	1.002	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000		2.043

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

UTAH

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	0.0606	0.0570	0.5956	0.0585	800,000
27 to 39 Months	0.0924	0.0478	0.6239	0.0646	1,000,000
39 to 51 Months	0.0812	0.0270	0.5716	0.0502	1,300,000
51 to 63 Months	0.0535	0.0524	0.5222	0.0529	1,700,000
63 to 75 Months	0.0295	-0.0124	0.4018	0.0127	2,100,000
75 to 87 Months	0.0158	0.0200	0.4900	0.0179	2,700,000
87 to 99 Months	0.0044	-0.0025	0.4172	0.0015	3,500,000
99 to 111 Months	0.0026	0.0000	0.3668	0.0016	4,600,000
111 to 123 Months	0.0021	0.0000	0.2656	0.0015	5,900,000
123 to 135 Months	0.0022	0.0000	0.2109	0.0017	7,700,000
135 to 147 Months	0.0003	0.0000	0.1618	0.0003	10,000,000
147 to 159 Months	0.0010	0.0000	0.1339	0.0009	13,000,000
159 to 171 Months	0.0009	0.0000	0.1109	0.0008	17,000,000
171 to Ultimate	A multistate ratio of 0.0000 has been used.				

Cumulative Incremental Factors							
<u>Months-to-Ultimate</u>	<u>15</u>	<u>27</u>	<u>39</u>	<u>51</u>	<u>63</u>	<u>75</u>	<u>87</u>
	0.265	0.207	0.142	0.092	0.039	0.026	0.008
<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>
	0.007	0.005	0.004	0.002	0.002	0.001	0.000

Full coverage

A.Y.E	Reported ALAE as of 12/31/2022	\$500,000 Ultimate Indemnity	ALAE Factor	Additional ALAE	Ultimate ALAE
9/30/2020	171,731	1,446,994	0.142	205,473	377,204
9/30/2021	233,768	4,670,989	0.207	965,026	1,198,794
9/30/2022	9,894	1,992,617	0.265	528,243	538,137

Deductible Coverage

A.Y.E	Reported ALAE as of 12/31/2022	\$500,000 Ultimate Indemnity	ALAE Factor	Additional ALAE	Ultimate ALAE
9/30/2020	1,522	165,632	0.142	23,520	25,042
9/30/2021	5,518	987,772	0.207	204,074	209,592
9/30/2022	0	137,589	0.265	36,475	36,475

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

UTAH

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	1.123	1.129	0.5778	1.126	2,800,000
27 to 39 Months	1.043	1.037	0.6008	1.039	2,900,000
39 to 51 Months	1.021	1.029	0.5875	1.026	3,100,000
51 to 63 Months	1.015	1.010	0.5403	1.012	3,300,000
63 to 75 Months	1.014	0.996	0.5244	1.005	3,500,000
75 to 87 Months	1.006	1.000	0.4934	1.003	3,700,000
87 to 99 Months	1.005	1.001	0.4847	1.003	3,900,000
99 to 111 Months	1.003	0.995	0.4436	0.999	4,200,000
111 to 123 Months	1.003	0.999	0.4574	1.001	4,500,000
123 to 135 Months	1.003	1.000	0.4131	1.002	4,800,000
135 to 147 Months	1.002	1.000	0.3518	1.001	5,000,000
147 to 159 Months	1.000	1.000	0.2745	1.000	5,400,000
159 to 171 Months	1.000	1.000	0.2310	1.000	5,800,000
171 to 183 Months	1.000	1.000	0.2526	1.000	6,200,000
183 to 195 Months	1.001	1.000	0.2251	1.001	6,600,000
195 to 207 Months	1.001	1.000	0.2253	1.001	7,200,000
207 to 219 Months	1.001	1.000	0.1677	1.001	7,700,000
219 to 231 Months	1.000	1.000	0.1260	1.000	8,300,000
231 to 243 Months	1.000	1.000	0.0468	1.000	8,900,000
243 to Ultimate	The Multistate ratio has been used.				

Accident Year	Loss Development From										
Ending	27:15	39:27	51:39	63:51	75:63	87:75	99:87	111:99	123:111	135:123	147:135
6/30/2020			1.026	1.012	1.005	1.003	1.003	0.999	1.001	1.002	1.001
6/30/2021		1.039	1.026	1.012	1.005	1.003	1.003	0.999	1.001	1.002	1.001
6/30/2022	1.126	1.039	1.026	1.012	1.005	1.003	1.003	0.999	1.001	1.002	1.001
	159:147	171:159	183:171	195:183	207:195	219:207	231:219	243:231	ULT:243		Factor
6/30/2020	1.000	1.000	1.000	1.001	1.001	1.001	1.000	1.000	1.001		1.057
6/30/2021	1.000	1.000	1.000	1.001	1.001	1.001	1.000	1.000	1.001		1.098
6/30/2022	1.000	1.000	1.000	1.001	1.001	1.001	1.000	1.000	1.001		1.237

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

UTAH

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	0.0432	0.0377	0.5778	0.0400	2,800,000
27 to 39 Months	0.0427	0.0289	0.6008	0.0344	2,900,000
39 to 51 Months	0.0398	0.0292	0.5875	0.0336	3,100,000
51 to 63 Months	0.0355	0.0269	0.5403	0.0309	3,300,000
63 to 75 Months	0.0198	-0.0003	0.5244	0.0093	3,500,000
75 to 87 Months	0.0125	0.0009	0.4934	0.0068	3,700,000
87 to 99 Months	0.0085	0.0001	0.4847	0.0044	3,900,000
99 to 111 Months	0.0090	0.0001	0.4436	0.0051	4,200,000
111 to 123 Months	0.0039	0.0000	0.4574	0.0021	4,500,000
123 to 135 Months	0.0033	0.0000	0.4131	0.0019	4,800,000
135 to 147 Months	0.0038	0.0000	0.3518	0.0025	5,000,000
147 to 159 Months	0.0022	0.0000	0.2745	0.0016	5,400,000
159 to 171 Months	0.0014	0.0000	0.2310	0.0011	5,800,000
171 to Ultimate	A multistate ratio of 0.0000 has been used.				

Cumulative Incremental Factors							
<u>Months-to-Ultimate</u>	<u>15</u>	<u>27</u>	<u>39</u>	<u>51</u>	<u>63</u>	<u>75</u>	<u>87</u>
	0.174	0.134	0.099	0.066	0.035	0.026	0.019
<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>
	0.014	0.009	0.007	0.005	0.003	0.001	0.000

Full coverage

A.Y.E	Reported ALAE as of 12/31/2022	\$500,000 Ultimate Indemnity	ALAE Factor	Additional ALAE	Ultimate ALAE
9/30/2020	215,729	3,027,282	0.099	300,609	516,338
9/30/2021	59,695	2,746,388	0.134	367,192	426,887
9/30/2022	62,380	2,989,136	0.174	519,213	581,593

Deductible Coverage

A.Y.E	Reported ALAE as of 12/31/2022	\$500,000 Ultimate Indemnity	ALAE Factor	Additional ALAE	Ultimate ALAE
9/30/2020	22,821	361,246	0.099	35,872	58,693
9/30/2021	200,274	1,184,477	0.134	158,365	358,639
9/30/2022	24,025	663,100	0.174	115,180	139,205

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

UTAH

Premises/Operations

Manufacturers & Contractors

Fringe

Full Coverage

ALAE

Calculation of Cumulative Incremental Factors

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

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

Full coverage

A.Y.E	Reported ALAE as of 12/31/2022	\$500,000 Ultimate Indemnity	ALAE Factor	Additional ALAE	Ultimate ALAE
9/30/2020	16,363	107,521	0.376	40,428	56,791
9/30/2021	13,834	187,404	0.472	88,455	102,289
9/30/2022	7,134	153,651	0.572	87,904	95,038

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

\$100,000 Basic Limit Losses as of :

<u>A.Y.E.</u>	<u>15 Months</u>	<u>27 Months</u>	<u>39 Months</u>	<u>51 Months</u>	<u>63 Months</u>	<u>75 Months</u>	<u>87 Months</u>	<u>99 Months</u>	<u>111 Months</u>	<u>123 Months</u>	<u>135 Months</u>
6/30/2003	326,370	428,721	657,219	634,417	579,067	608,219	633,219	633,219	633,219	633,219	633,219
6/30/2004	181,247	304,628	431,347	354,270	328,791	328,791	303,677	303,677	303,677	303,677	303,677
6/30/2005	55,816	229,890	332,390	232,610	232,610	232,610	239,890	239,890	239,890	239,890	239,890
6/30/2006	199,180	412,729	486,729	496,729	425,729	420,729	464,160	464,160	464,160	464,160	464,160
6/30/2007	462,100	554,149	628,329	712,477	698,330	673,651	673,651	658,651	663,651	658,826	658,826
6/30/2008	337,146	746,154	816,689	841,248	727,857	762,757	862,757	862,757	862,757	762,757	762,757
6/30/2009	194,056	605,191	511,639	693,538	914,041	924,525	758,657	699,170	699,170	699,170	699,170
6/30/2010	469,000	306,863	423,451	580,004	830,338	531,639	547,735	547,735	547,735	547,735	547,735
6/30/2011	558,183	819,032	705,375	943,910	801,015	684,106	684,106	684,106	684,106	684,106	684,106
6/30/2012	445,989	564,748	665,825	748,471	786,718	826,677	826,677	826,677	826,677	826,677	826,677
6/30/2013	206,946	397,335	595,302	510,806	684,231	631,731	623,231	623,231	623,231	623,231	623,231
6/30/2014	541,137	1,253,384	1,182,174	1,423,869	1,366,463	1,260,196	1,230,296	1,215,196	1,215,196		
6/30/2015	263,664	366,304	648,649	622,502	569,505	659,281	652,229	561,565			
6/30/2016	663,051	562,396	842,536	761,916	714,971	674,971	774,966				
6/30/2017	210,000	221,149	181,573	121,149	126,149	241,149					
6/30/2018	354,216	570,178	727,777	974,667	797,507						
6/30/2019	427,438	691,639	825,141	1,028,774							
6/30/2020	281,588	397,323	748,849								
6/30/2021	469,111	674,331									
6/30/2022	257,700										

<u>A.Y.E.</u>	<u>147 Months</u>	<u>159 Months</u>	<u>171 Months</u>	<u>183 Months</u>	<u>195 Months</u>	<u>207 Months</u>	<u>219 Months</u>	<u>231 Months</u>	<u>243 Months</u>
6/30/2003	633,219	633,219	633,219	633,219	633,219	633,219	633,219	633,219	633,219
6/30/2004	303,677	303,677	303,677	303,677	303,677	303,677	303,677	303,677	
6/30/2005	239,890	239,890	239,890	239,890	239,890	239,890	239,890		
6/30/2006	464,160	464,160	464,160	464,160	464,160	464,160			
6/30/2007	658,826	658,826	658,826	658,826	658,826				
6/30/2008	762,757	762,757	762,757	762,757					
6/30/2009	699,170	699,170	699,170						
6/30/2010	547,735	547,735							
6/30/2011	684,106								

Premises / Operations (Subline Code 334)
Manufacturers and Contractors
Full Coverage
UTAH
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
6/30/2003	1.314	1.533	0.965	0.913	1.050	1.041	1.000	1.000	1.000	1.000	1.000
6/30/2004	1.681	1.416	0.821	0.928	1.000	0.924	1.000	1.000	1.000	1.000	1.000
6/30/2005	4.119	1.446	0.700	1.000	1.000	1.031	1.000	1.000	1.000	1.000	1.000
6/30/2006	2.072	1.179	1.021	0.857	0.988	1.103	1.000	1.000	1.000	1.000	1.000
6/30/2007	1.199	1.134	1.134	0.980	0.965	1.000	0.978	1.008	0.993	1.000	1.000
6/30/2008	2.213	1.095	1.030	0.865	1.048	1.131	1.000	1.000	0.884	1.000	1.000
6/30/2009	3.119	0.845	1.356	1.318	1.011	0.821	0.922	1.000	1.000	1.000	1.000
6/30/2010	0.654	1.380	1.370	1.432	0.640	1.030	1.000	1.000	1.000	1.000	1.000
6/30/2011	1.467	0.861	1.338	0.849	0.854	1.000	1.000	1.000	1.000	1.000	1.000
6/30/2012	1.266	1.179	1.124	1.051	1.051	1.000	1.000	1.000	1.000	1.000	
6/30/2013	1.920	1.498	0.858	1.340	0.923	0.987	1.000	1.000	1.000		
6/30/2014	2.316	0.943	1.204	0.960	0.922	0.976	0.988	1.000			
6/30/2015	1.389	1.771	0.960	0.915	1.158	0.989	0.861				
6/30/2016	0.848	1.498	0.904	0.938	0.944	1.148					
6/30/2017	1.053	0.821	0.667	1.041	1.912						
6/30/2018	1.610	1.276	1.339	0.818							
6/30/2019	1.618	1.193	1.247								
6/30/2020	1.411	1.885									
6/30/2021	1.437										
3 Yr Mean	1.489	1.451	1.084	0.932	1.338	1.038	0.950	1.000	1.000	1.000	1.000
Best 3/5	1.486	1.322	1.037	0.938	1.008	0.992	0.996	1.000	1.000	1.000	1.000
A.Y.E.	159:147	171:159	183:171	195:183	207:195	219:207	231:219	243:231			
6/30/2003	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000			
6/30/2004	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000			
6/30/2005	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000			
6/30/2006	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000			
6/30/2007	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000			
6/30/2008	1.000	1.000	1.000								
6/30/2009	1.000	1.000									
6/30/2010	1.000										
3 Yr Mean	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000			
Best 3/5	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000			
Development From											
A.Y.E.	15/ 27	27/ 39	39/ 51	51/ 63	63/ 75	75/ 87	87/ 99	99/111	111/123	123/135	135/147
6/30/2018					1.008	0.992	0.996	1.000	1.000	1.000	1.000
6/30/2019				0.938	1.008	0.992	0.996	1.000	1.000	1.000	1.000
6/30/2020			1.037	0.938	1.008	0.992	0.996	1.000	1.000	1.000	1.000
6/30/2021		1.322	1.037	0.938	1.008	0.992	0.996	1.000	1.000	1.000	1.000
6/30/2022	1.486	1.322	1.037	0.938	1.008	0.992	0.996	1.000	1.000	1.000	1.000
A.Y.E.	147/159	159/171	171/183	183/195	195/207	207/219	219/231	231/243	243/Ult		FACTORS
6/30/2018	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	0.996
6/30/2019	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	0.934
6/30/2020	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	0.969
6/30/2021	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.281
6/30/2022	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.903

Bold - Calculated Using Modified Bondy Method

Italics - Three year mean Excludes Modified Bondy ratios

Premises / Operations (Subline Code 334)
 Manufacturers and Contractors
 Full Coverage
 UTAH
 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>
6/30/2003	17,900	89,856	272,953	368,986	427,440	525,670	438,608	438,608	438,608	438,608	438,608
6/30/2004	12,488	55,453	172,944	198,534	207,054	207,054	207,054	207,054	207,054	207,054	207,054
6/30/2005	6,688	9,437	50,006	36,322	38,568	40,513	40,941	40,941	40,941	40,941	40,941
6/30/2006	35,065	74,318	163,069	195,955	279,976	314,019	316,325	316,325	316,325	316,325	316,325
6/30/2007	21,426	60,667	172,041	348,615	447,927	501,935	497,133	582,563	601,594	608,299	608,299
6/30/2008	27,796	135,135	397,580	508,848	501,552	469,985	498,259	549,859	561,421	561,421	561,421
6/30/2009	31,954	69,733	161,688	264,918	361,718	367,660	356,253	362,828	362,828	362,828	362,828
6/30/2010	68,136	27,441	155,101	179,521	362,315	526,054	521,770	521,570	521,570	521,570	521,570
6/30/2011	6,734	128,274	189,071	251,706	290,259	302,401	304,952	304,952	304,952	304,952	304,952
6/30/2012	36,627	60,189	114,170	583,848	628,417	663,152	716,937	833,912	845,401	845,401	845,401
6/30/2013	9,097	69,271	89,465	229,745	376,964	415,675	434,952	435,595	435,595	435,595	
6/30/2014	3,900	102,078	356,892	748,293	1,057,566	906,415	938,124	917,088	917,088		
6/30/2015	21,541	84,415	554,339	566,200	587,828	624,823	699,823	678,508			
6/30/2016	113,616	104,045	125,320	137,977	179,138	179,477	179,729				
6/30/2017	0	53,484	110,531	110,532	130,534	89,836					
6/30/2018	1,650	72,913	156,079	249,754	340,184						
6/30/2019	55,393	73,799	156,194	306,283							
6/30/2020	27,854	93,017	143,046								
6/30/2021	12,583	174,470									
6/30/2022	7,561										

<u>A.Y.E.</u>	<u>147 Months</u>	<u>159 Months</u>	<u>171 Months</u>	<u>183 Months</u>	<u>195 Months</u>	<u>207 Months</u>	<u>219 Months</u>	<u>231 Months</u>	<u>243 Months</u>
6/30/2003	438,608	438,608	438,608	438,608	438,608	438,608	438,608	438,608	438,608
6/30/2004	207,054	207,054	207,054	207,054	207,054	207,054	207,054	207,054	
6/30/2005	40,941	40,941	40,941	40,941	40,941	40,941	40,941		
6/30/2006	316,325	316,325	316,325	316,325	316,325	316,325			
6/30/2007	608,299	608,299	608,299	608,299	608,299				
6/30/2008	561,421	510,814	510,814	510,814					
6/30/2009	362,828	362,828	362,828						
6/30/2010	521,570	521,570							
6/30/2011	304,952								

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

	Increments												
A.Y.E.	<u>27:15</u>	<u>39:27</u>	<u>51:39</u>	<u>63:51</u>	<u>75:63</u>	<u>87:75</u>	<u>99:87</u>	<u>111:99</u>	<u>123:111</u>	<u>135:123</u>	<u>147:135</u>	<u>159:147</u>	<u>171:159</u>
6/30/2003	71,956	183,097	96,033	58,454	98,230	-87,062	0	0	0	0	0	0	0
6/30/2004	42,965	117,491	25,590	8,520	0	0	0	0	0	0	0	0	0
6/30/2005	2,749	40,569	-13,684	2,246	1,945	428	0	0	0	0	0	0	0
6/30/2006	39,253	88,751	32,886	84,021	34,043	2,306	0	0	0	0	0	0	0
6/30/2007	39,241	111,374	176,574	99,312	54,008	-4,802	85,430	19,031	6,705	0	0	0	0
6/30/2008	107,339	262,445	111,268	-7,296	-31,567	28,274	51,600	11,562	0	0	0	-50,607	0
6/30/2009	37,779	91,955	103,230	96,800	5,942	-11,407	6,575	0	0	0	0	0	0
6/30/2010	-40,695	127,660	24,420	182,794	163,739	-4,284	-200	0	0	0	0	0	0
6/30/2011	121,540	60,797	62,635	38,553	12,142	2,551	0	0	0	0	0	0	0
6/30/2012	23,562	53,981	469,678	44,569	34,735	53,785	116,975	11,489	0	0	0	0	0
6/30/2013	60,174	20,194	140,280	147,219	38,711	19,277	643	0	0	0	0	0	0
6/30/2014	98,178	254,814	391,401	309,273	-151,151	31,709	-21,036	0	0	0	0	0	0
6/30/2015	62,874	469,924	11,861	21,628	36,995	75,000	-21,315	0	0	0	0	0	0
6/30/2016	-9,571	21,275	12,657	41,161	339	252	0	0	0	0	0	0	0
6/30/2017	53,484	57,047	1	20,002	-40,698	0	0	0	0	0	0	0	0
6/30/2018	71,263	83,166	93,675	90,430	0	0	0	0	0	0	0	0	0
6/30/2019	18,406	82,395	150,089	0	0	0	0	0	0	0	0	0	0
6/30/2020	65,163	50,029	0	0	0	0	0	0	0	0	0	0	0
6/30/2021	161,887	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>	
6/30/2003	0.0537	0.1366	0.0716	0.0436	0.0733	-0.0649	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
6/30/2004	0.1307	0.3575	0.0779	0.0259	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
6/30/2005	0.0080	0.1180	-0.0398	0.0065	0.0057	0.0012	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
6/30/2006	0.0728	0.1646	0.0610	0.1558	0.0631	0.0043	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
6/30/2007	0.0217	0.0617	0.0978	0.0550	0.0299	-0.0027	0.0473	0.0105	0.0037	0.0000	0.0000	0.0000	0.0000	
6/30/2008	0.0865	0.2116	0.0897	-0.0059	-0.0255	0.0228	0.0416	0.0093	0.0000	0.0000	0.0000	-0.0408	0.0000	
6/30/2009	0.0522	0.1270	0.1425	0.1337	0.0082	-0.0158	0.0091	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
6/30/2010	-0.0474	0.1488	0.0285	0.2131	0.1909	-0.0050	-0.0002	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
6/30/2011	0.1027	0.0514	0.0529	0.0326	0.0103	0.0022	0.0000	0.0000	0.0000	0.0000	0.0000			
6/30/2012	0.0165	0.0379	0.3297	0.0313	0.0244	0.0378	0.0821	0.0081	0.0000	0.0000				
6/30/2013	0.0350	0.0117	0.0815	0.0855	0.0225	0.0112	0.0004	0.0000	0.0000					
6/30/2014	0.0362	0.0940	0.1445	0.1141	-0.0558	0.0117	-0.0078	0.0000						
6/30/2015	0.0311	0.2327	0.0059	0.0107	0.0183	0.0371	-0.0106							
6/30/2016	-0.0062	0.0138	0.0082	0.0268	0.0002	0.0002								
6/30/2017	0.1439	0.1535	0.0000	0.0538	-0.1095									
6/30/2018	0.0604	0.0705	0.0794	0.0766										
6/30/2019	0.0082	0.0368	0.0670											
6/30/2020	0.0469	0.0360												
6/30/2021	0.0637													

Best 3/5	0.0570	0.0478	0.0270	0.0524	-0.0124	0.0200	-0.0025	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
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Premises / Operations (Subline Code 334)
Manufacturers and Contractors
Full Coverage
UTAH

Property Damage - Occurrence
Incurred Accident Year Basic Limits Loss Development Excluding ALAE

\$100,000 Basic Limit Losses as of :

A.Y.E.	<u>15 Months</u>	<u>27 Months</u>	<u>39 Months</u>	<u>51 Months</u>	<u>63 Months</u>	<u>75 Months</u>	<u>87 Months</u>	<u>99 Months</u>	<u>111 Months</u>	<u>123 Months</u>	<u>135 Months</u>
6/30/2003	203,045	410,443	507,191	475,143	475,147	522,644	437,143	437,143	437,153	437,143	437,143
6/30/2004	460,930	516,560	589,407	669,407	753,617	798,617	723,617	723,617	723,617	759,779	759,779
6/30/2005	341,971	422,793	313,830	350,895	351,895	285,994	310,994	319,395	374,395	354,395	354,395
6/30/2006	909,861	882,252	882,208	887,207	885,208	936,207	979,708	979,667	979,667	979,667	979,667
6/30/2007	625,975	504,550	552,150	614,229	618,998	628,351	602,105	675,697	668,134	583,057	583,057
6/30/2008	547,808	548,571	552,066	567,406	561,406	547,006	532,406	532,406	532,406	532,406	532,406
6/30/2009	809,949	747,868	671,297	627,020	654,701	634,214	627,020	628,020	628,020	627,020	627,020
6/30/2010	926,582	981,335	901,903	883,389	883,389	888,389	883,389	883,389	890,538	886,285	883,389
6/30/2011	800,246	856,083	1,065,446	1,173,589	1,157,911	1,225,658	1,200,658	1,232,908	1,203,130	1,203,130	1,203,130
6/30/2012	1,277,710	1,268,987	1,294,089	1,288,781	1,289,073	1,289,073	1,288,573	1,288,473	1,288,473	1,288,473	1,288,473
6/30/2013	871,248	1,107,808	1,152,082	1,281,956	1,214,857	1,199,859	1,201,357	1,201,357	1,301,357	1,301,357	
6/30/2014	707,272	788,761	912,741	851,313	856,313	856,313	856,319	859,303	835,697		
6/30/2015	1,237,132	1,460,239	1,563,038	1,607,483	1,608,883	1,611,417	1,611,417	1,611,417			
6/30/2016	1,142,926	1,055,375	1,073,193	1,158,193	1,135,853	1,135,853	1,135,853				
6/30/2017	880,685	1,023,919	1,089,747	1,089,497	1,114,497	1,018,497					
6/30/2018	1,241,346	1,471,961	1,569,395	1,630,754	1,680,754						
6/30/2019	1,643,506	1,703,705	1,755,218	1,788,175							
6/30/2020	1,146,423	1,187,985	1,205,577								
6/30/2021	1,041,263	1,369,266									
6/30/2022	720,357										

A.Y.E.	<u>147 Months</u>	<u>159 Months</u>	<u>171 Months</u>	<u>183 Months</u>	<u>195 Months</u>	<u>207 Months</u>	<u>219 Months</u>	<u>231 Months</u>	<u>243 Months</u>
6/30/2003	437,143	437,143	437,143	437,143	437,143	437,143	437,143	437,143	437,143
6/30/2004	759,779	759,779	759,779	759,779	759,779	759,779	759,779	759,779	
6/30/2005	354,395	354,395	354,395	354,395	354,395	354,395	354,395		
6/30/2006	979,667	979,667	979,667	979,667	979,667	979,667			
6/30/2007	583,057	583,057	583,057	583,057	583,057				
6/30/2008	532,406	532,406	532,406	532,406					
6/30/2009	627,020	627,020	627,020						
6/30/2010	883,389	883,389							
6/30/2011	1,203,130								

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

Link Ratios											
A.Y.E.	<u>27:15</u>	<u>39:27</u>	<u>51:39</u>	<u>63:51</u>	<u>75:63</u>	<u>87:75</u>	<u>99:87</u>	<u>111:99</u>	<u>123:111</u>	<u>135:123</u>	<u>147:135</u>
6/30/2003	2.021	1.236	0.937	1.000	1.100	0.836	1.000	1.000	1.000	1.000	1.000
6/30/2004	1.121	1.141	1.136	1.126	1.060	0.906	1.000	1.000	1.050	1.000	1.000
6/30/2005	1.236	0.742	1.118	1.003	0.813	1.087	1.027	1.172	0.947	1.000	1.000
6/30/2006	0.970	1.000	1.006	0.998	1.058	1.046	1.000	1.000	1.000	1.000	1.000
6/30/2007	0.806	1.094	1.112	1.008	1.015	0.958	1.122	0.989	0.873	1.000	1.000
6/30/2008	1.001	1.006	1.028	0.989	0.974	0.973	1.000	1.000	1.000	1.000	1.000
6/30/2009	0.923	0.898	0.934	1.044	0.969	0.989	1.002	1.000	0.998	1.000	1.000
6/30/2010	1.059	0.919	0.979	1.000	1.006	0.994	1.000	1.008	0.995	0.997	1.000
6/30/2011	1.070	1.245	1.102	0.987	1.059	0.980	1.027	0.976	1.000	1.000	1.000
6/30/2012	0.993	1.020	0.996	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
6/30/2013	1.272	1.040	1.113	0.948	0.988	1.001	1.000	1.083	1.000		
6/30/2014	1.115	1.157	0.933	1.006	1.000	1.000	1.003	0.973			
6/30/2015	1.180	1.070	1.028	1.001	1.002	1.000	1.000				
6/30/2016	0.923	1.017	1.079	0.981	1.000	1.000					
6/30/2017	1.163	1.064	1.000	1.023	0.914						
6/30/2018	1.186	1.066	1.039	1.031							
6/30/2019	1.037	1.030	1.019								
6/30/2020	1.036	1.015									
6/30/2021	1.315										
3 Yr Mean	1.129	1.037	1.019	1.012	0.972	1.000	1.001	1.019	1.000	0.999	1.000
Best 3/5	1.129	1.037	1.029	1.010	0.996	1.000	1.001	0.995	0.999	1.000	1.000
	<u>159:147</u>	<u>171:159</u>	<u>183:171</u>	<u>195:183</u>	<u>207:195</u>	<u>219:207</u>	<u>231:219</u>	<u>243:231</u>			
6/30/2003	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000			
6/30/2004	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000			
6/30/2005	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000			
6/30/2006	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000			
6/30/2007	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000			
6/30/2008	1.000	1.000	1.000								
6/30/2009	1.000	1.000									
6/30/2010	1.000										
3 Yr Mean	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000			
Best 3/5	1.000	1.000	1.000	1.000	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>
6/30/2018					0.996	1.000	1.001	0.995	0.999	1.000	1.000
6/30/2019				1.010	0.996	1.000	1.001	0.995	0.999	1.000	1.000
6/30/2020			1.029	1.010	0.996	1.000	1.001	0.995	0.999	1.000	1.000
6/30/2021		1.037	1.029	1.010	0.996	1.000	1.001	0.995	0.999	1.000	1.000
6/30/2022	1.129	1.037	1.029	1.010	0.996	1.000	1.001	0.995	0.999	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>243/244</u>		<u>FACTORS</u>
6/30/2018	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000		0.991
6/30/2019	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000		1.001
6/30/2020	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000		1.030
6/30/2021	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000		1.068
6/30/2022	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000		1.206

Bold - Calculated Using Modified Bondy Method

Italics - Three year mean Excludes Modified Bondy ratios

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

<u>A.Y.E.</u>	<u>15 Months</u>	<u>27 Months</u>	<u>39 Months</u>	<u>51 Months</u>	<u>63 Months</u>	<u>75 Months</u>	<u>87 Months</u>	<u>99 Months</u>	<u>111 Months</u>	<u>123 Months</u>	<u>135 Months</u>
6/30/2003	10,106	123,200	198,770	148,182	192,753	211,136	195,353	195,353	195,353	195,353	195,353
6/30/2004	11,908	15,060	204,476	239,473	347,314	387,313	331,103	331,103	347,015	343,970	344,496
6/30/2005	3,297	51,766	73,529	94,968	127,622	127,621	125,055	187,750	244,472	284,516	284,516
6/30/2006	36,709	47,856	65,637	176,016	319,279	321,927	351,232	411,311	418,519	418,519	418,519
6/30/2007	7,233	59,181	60,723	87,932	113,103	104,720	105,747	105,747	105,747	105,747	105,747
6/30/2008	23,193	84,922	83,343	150,445	150,879	153,306	157,411	161,941	161,941	161,941	161,941
6/30/2009	36,442	26,142	29,910	30,042	42,362	62,850	80,911	80,911	80,911	80,911	80,911
6/30/2010	17,187	63,704	83,845	83,695	83,695	86,076	88,560	88,719	88,719	88,719	88,719
6/30/2011	22,147	37,460	83,234	142,158	148,431	171,063	186,584	214,044	223,095	223,095	223,095
6/30/2012	97,875	143,166	145,793	141,835	145,520	149,108	151,566	151,661	151,661	151,661	151,661
6/30/2013	63,477	65,750	214,743	379,216	426,084	424,267	426,630	426,649	427,392	422,302	
6/30/2014	6,268	7,590	10,926	57,360	64,291	64,291	64,291	64,291	64,291		
6/30/2015	119,606	189,871	376,307	506,340	645,812	723,220	781,230	781,454			
6/30/2016	37,947	23,852	99,739	234,323	283,884	283,884	283,884				
6/30/2017	43,085	130,978	173,280	143,529	158,529	125,904					
6/30/2018	65,788	140,422	216,623	279,014	372,140						
6/30/2019	184,715	279,008	379,003	408,893							
6/30/2020	96,609	244,704	179,293								
6/30/2021	15,055	42,002									
6/30/2022	58,289										

<u>A.Y.E</u>	<u>147 Months</u>	<u>159 Months</u>	<u>171 Months</u>	<u>183 Months</u>	<u>195 Months</u>	<u>207 Months</u>	<u>219 Months</u>	<u>231 Months</u>	<u>243 Months</u>
6/30/2003	195,353	195,353	195,353	195,353	195,353	195,353	195,353	195,353	195353
6/30/2004	344,496	344,496	344,496	344,496	344,496	344,496	344,496	344496	
6/30/2005	284,516	284,516	284,516	284,516	284,516	284,516	284516		
6/30/2006	418,519	418,519	418,519	418,519	418,519	418519			
6/30/2007	105,747	105,747	105,747	105,747	105747				
6/30/2008	161,941	161,941	161,941	161941					
6/30/2009	80,911	80,911	80911						
6/30/2010	88,719	88719							
6/30/2011	223,095								

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

Increments													
A.Y.E.	<u>27:15</u>	<u>39:27</u>	<u>51:39</u>	<u>63:51</u>	<u>75:63</u>	<u>87:75</u>	<u>99:87</u>	<u>111:99</u>	<u>123:111</u>	<u>135:123</u>	<u>147:135</u>	<u>159:147</u>	<u>171:159</u>
6/30/2003	113,094	75,570	-50,588	44,571	18,383	-15,783	0	0	0	0	0	0	0
6/30/2004	3,152	189,416	34,997	107,841	39,999	-56,210	0	15,912	-3,045	526	0	0	0
6/30/2005	48,469	21,763	21,439	32,654	-1	-2,566	62,695	56,722	40,044	0	0	0	0
6/30/2006	11,147	17,781	110,379	143,263	2,648	29,305	60,079	7,208	0	0	0	0	0
6/30/2007	51,948	1,542	27,209	25,171	-8,383	1,027	0	0	0	0	0	0	0
6/30/2008	61,729	-1,579	67,102	434	2,427	4,105	4,530	0	0	0	0	0	0
6/30/2009	-10,300	3,768	132	12,320	20,488	18,061	0	0	0	0	0	0	0
6/30/2010	46,517	20,141	-150	0	2,381	2,484	159	0	0	0	0	0	0
6/30/2011	15,313	45,774	58,924	6,273	22,632	15,521	27,460	9,051	0	0	0	0	0
6/30/2012	45,291	2,627	-3,958	3,685	3,588	2,458	95	0	0	0	0	0	0
6/30/2013	2,273	148,993	164,473	46,868	-1,817	2,363	19	743	-5,090	0	0	0	0
6/30/2014	1,322	3,336	46,434	6,931	0	0	0	0	0	0	0	0	0
6/30/2015	70,265	186,436	130,033	139,472	77,408	58,010	224	0	0	0	0	0	0
6/30/2016	-14,095	75,887	134,584	49,561	0	0	0	0	0	0	0	0	0
6/30/2017	87,893	42,302	-29,751	15,000	-32,625	0	0	0	0	0	0	0	0
6/30/2018	74,634	76,201	62,391	93,126	0	0	0	0	0	0	0	0	0
6/30/2019	94,293	99,995	29,890	0	0	0	0	0	0	0	0	0	0
6/30/2020	148,095	-65,411	0	0	0	0	0	0	0	0	0	0	0
6/30/2021	26,947	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>
6/30/2003	0.2582	0.1725	-0.1155	0.1018	0.0420	-0.0360	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
6/30/2004	0.0041	0.2456	0.0454	0.1398	0.0519	-0.0729	0.0000	0.0206	-0.0039	0.0007	0.0000	0.0000	0.0000
6/30/2005	0.1365	0.0613	0.0604	0.0920	0.0000	-0.0072	0.1766	0.1597	0.1128	0.0000	0.0000	0.0000	0.0000
6/30/2006	0.0095	0.0152	0.0942	0.1222	0.0023	0.0250	0.0512	0.0061	0.0000	0.0000	0.0000	0.0000	0.0000
6/30/2007	0.0839	0.0025	0.0439	0.0406	-0.0135	0.0017	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
6/30/2008	0.0885	-0.0023	0.0962	0.0006	0.0035	0.0059	0.0065	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
6/30/2009	-0.0131	0.0048	0.0002	0.0157	0.0260	0.0230	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
6/30/2010	0.0448	0.0194	-0.0001	0.0000	0.0023	0.0024	0.0002	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
6/30/2011	0.0066	0.0198	0.0254	0.0027	0.0098	0.0067	0.0119	0.0039	0.0000	0.0000	0.0000	0.0000	0.0000
6/30/2012	0.0305	0.0018	-0.0027	0.0025	0.0024	0.0017	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
6/30/2013	0.0011	0.0714	0.0789	0.0225	-0.0009	0.0011	0.0000	0.0004	-0.0024				
6/30/2014	0.0011	0.0027	0.0372	0.0056	0.0000	0.0000	0.0000	0.0000					
6/30/2015	0.0296	0.0785	0.0547	0.0587	0.0326	0.0244	0.0001						
6/30/2016	-0.0103	0.0555	0.0984	0.0362	0.0000	0.0000							
6/30/2017	0.0555	0.0267	-0.0188	0.0095	-0.0206								
6/30/2018	0.0280	0.0285	0.0234	0.0349									
6/30/2019	0.0296	0.0314	0.0094										
6/30/2020	0.0742	-0.0328											
6/30/2021	0.0154												

Best 3/5	0.0377	0.0289	0.0292	0.0269	-0.0003	0.0009	0.0001	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000
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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>
6/30/2003	51,214,506	84,920,134	111,360,220	121,214,847	119,463,504	116,013,250	115,115,277	114,278,970	113,852,502	113,609,320	113,397,412
6/30/2004	50,887,357	80,869,309	105,260,149	112,145,238	109,225,508	107,082,522	105,246,022	104,247,079	103,590,656	103,690,346	103,565,018
6/30/2005	47,952,577	72,821,471	93,272,112	99,321,597	96,756,073	93,882,694	92,086,482	91,702,007	91,556,455	91,737,448	91,784,462
6/30/2006	53,130,907	81,087,283	99,305,746	101,720,417	100,340,501	99,344,363	100,179,700	99,752,274	98,933,374	98,609,953	98,126,666
6/30/2007	53,052,090	75,717,237	94,581,241	98,775,923	98,271,118	97,699,205	96,948,492	97,142,809	97,107,421	96,835,312	96,859,631
6/30/2008	57,662,024	85,326,648	107,974,339	114,371,630	113,992,402	112,993,074	112,976,562	112,230,999	111,917,467	111,992,423	112,196,305
6/30/2009	57,260,429	88,425,800	108,727,709	116,889,927	117,635,327	117,416,638	117,249,627	116,554,588	116,258,318	116,227,266	116,456,812
6/30/2010	64,205,627	88,508,412	113,342,783	119,368,039	121,565,081	120,059,560	119,424,714	119,504,444	119,701,857	119,560,732	119,652,513
6/30/2011	62,659,055	95,861,557	120,316,355	132,424,563	131,056,943	129,013,790	128,696,073	128,416,762	128,264,143	127,901,196	127,777,829
6/30/2012	60,503,260	88,152,362	110,950,767	116,364,287	115,731,879	115,271,022	115,209,244	115,213,987	115,383,055	115,246,636	114,936,115
6/30/2013	51,459,157	84,511,338	103,270,863	109,190,105	112,578,694	112,146,502	111,959,763	111,951,128	111,874,002	111,527,702	
6/30/2014	63,688,112	94,841,246	123,638,561	135,302,680	135,466,779	135,053,255	134,552,068	134,148,685	133,647,175		
6/30/2015	54,018,286	85,237,028	114,366,000	124,147,701	126,030,105	126,450,369	125,949,100	125,104,299			
6/30/2016	48,287,450	78,948,242	107,219,768	117,034,012	119,068,859	119,474,376	119,748,329				
6/30/2017	53,329,792	82,368,963	109,743,250	119,438,460	121,673,438	123,283,169					
6/30/2018	56,656,119	95,098,009	120,912,749	133,045,699	135,988,433						
6/30/2019	57,609,576	92,688,857	116,798,497	130,904,699							
6/30/2020	55,200,086	79,793,450	102,427,442								
6/30/2021	55,741,792	81,967,656									
6/30/2022	50,449,575										

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

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

	Link Ratios										
A.Y.E.	<u>27:15</u>	<u>39:27</u>	<u>51:39</u>	<u>63:51</u>	<u>75:63</u>	<u>87:75</u>	<u>99:87</u>	<u>111:99</u>	<u>123:111</u>	<u>135:123</u>	<u>147:135</u>
6/30/2003	1.658	1.311	1.088	0.986	0.971	0.992	0.993	0.996	0.998	0.998	1.003
6/30/2004	1.589	1.302	1.065	0.974	0.980	0.983	0.991	0.994	1.001	0.999	1.002
6/30/2005	1.519	1.281	1.065	0.974	0.970	0.981	0.996	0.998	1.002	1.001	1.002
6/30/2006	1.526	1.225	1.024	0.986	0.990	1.008	0.996	0.992	0.997	0.995	1.001
6/30/2007	1.427	1.249	1.044	0.995	0.994	0.992	1.002	1.000	0.997	1.000	0.999
6/30/2008	1.480	1.265	1.059	0.997	0.991	1.000	0.993	0.997	1.001	1.002	1.001
6/30/2009	1.544	1.230	1.075	1.006	0.998	0.999	0.994	0.997	1.000	1.002	1.001
6/30/2010	1.379	1.281	1.053	1.018	0.988	0.995	1.001	1.002	0.999	1.001	0.999
6/30/2011	1.530	1.255	1.101	0.990	0.984	0.998	0.998	0.999	0.997	0.999	1.001
6/30/2012	1.457	1.259	1.049	0.995	0.996	0.999	1.000	1.001	0.999	0.997	
6/30/2013	1.642	1.222	1.057	1.031	0.996	0.998	1.000	0.999	0.997		
6/30/2014	1.489	1.304	1.094	1.001	0.997	0.996	0.997	0.996			
6/30/2015	1.578	1.342	1.086	1.015	1.003	0.996	0.993				
6/30/2016	1.635	1.358	1.092	1.017	1.003	1.002					
6/30/2017	1.545	1.332	1.088	1.019	1.013						
6/30/2018	1.679	1.271	1.100	1.022							
6/30/2019	1.609	1.260	1.121								
6/30/2020	1.446	1.284									
6/30/2021	1.470										
3 Yr Mean	1.508	1.272	1.103	1.019	1.006	0.998	0.997	0.999	0.998	0.999	1.000
Best 3/5	1.541	1.296	1.093	1.017	1.001	0.998	0.998	1.000	0.998	1.001	1.000
A.Y.E.	<u>159:147</u>	<u>171:159</u>	<u>183:171</u>	<u>195:183</u>	<u>207:195</u>	<u>219:207</u>	<u>231:219</u>	<u>243:231</u>			
6/30/2003	0.999	0.998	1.000	1.000	1.001	1.001	1.000	1.000			
6/30/2004	1.001	1.001	1.001	1.001	1.001	1.001	1.000	1.000			
6/30/2005	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000			
6/30/2006	1.003	1.000	1.001	0.999	1.000	1.000	1.000	1.000			
6/30/2007	1.002	1.001	0.999	1.000	1.000	1.000	1.000	1.000			
6/30/2008	1.002	0.999	1.000								
6/30/2009	1.004	0.997									
6/30/2010	1.001										
3 Yr Mean	1.002	0.999	1.000	1.000	1.000	1.000	1.000	1.000			
Best 3/5	1.002	1.000	1.000	1.000	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>
6/30/2018					1.001	0.998	0.998	1.000	0.998	1.001	1.000
6/30/2019				1.017	1.001	0.998	0.998	1.000	0.998	1.001	1.000
6/30/2020			1.093	1.017	1.001	0.998	0.998	1.000	0.998	1.001	1.000
6/30/2021		1.296	1.093	1.017	1.001	0.998	0.998	1.000	0.998	1.001	1.000
6/30/2022	1.541	1.296	1.093	1.017	1.001	0.998	0.998	1.000	0.998	1.001	1.000
A.Y.E	<u>147/159</u>	<u>159/171</u>	<u>171/183</u>	<u>183/195</u>	<u>195/207</u>	<u>207/219</u>	<u>219/231</u>	<u>231/243</u>	<u>243/U1t</u>		FACTORS
6/30/2018	1.002	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000		0.998
6/30/2019	1.002	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000		1.015
6/30/2020	1.002	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000		1.109
6/30/2021	1.002	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000		1.438
6/30/2022	1.002	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000		2.216

Bold - Calculated Using Modified Bondy Method

Italics - Three year mean Excludes Modified Bondy ratios

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

\$100,000 Basic Limit Losses as of :

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

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

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

Link Ratios											
A.Y.E.	<u>27:15</u>	<u>39:27</u>	<u>51:39</u>	<u>63:51</u>	<u>75:63</u>	<u>87:75</u>	<u>99:87</u>	<u>111:99</u>	<u>123:111</u>	<u>135:123</u>	<u>147:135</u>
6/30/2003	1.473	1.331	1.131	1.033	0.920	1.007	0.983	1.000	0.986	0.998	1.014
6/30/2004	1.796	1.278	1.091	0.927	1.026	0.922	1.020	0.976	0.996	0.989	0.999
6/30/2005	1.790	1.183	1.012	1.068	0.957	0.966	0.976	0.979	0.986	1.004	0.997
6/30/2006	1.475	1.323	1.113	0.941	0.985	1.003	0.992	0.999	0.989	1.015	1.004
6/30/2007	1.472	1.209	1.141	0.977	1.004	0.979	1.010	1.008	1.006	1.000	1.016
6/30/2008	1.345	1.262	1.074	1.016	0.957	1.020	0.991	1.005	1.001	0.995	0.995
6/30/2009	1.952	1.186	1.038	1.073	0.980	1.011	0.996	0.998	1.008	1.012	0.991
6/30/2010	1.307	1.204	1.106	1.026	1.037	0.980	0.981	1.000	0.994	0.999	1.000
6/30/2011	1.439	1.258	1.095	0.995	1.002	0.998	0.989	1.003	0.999	1.000	1.005
6/30/2012	1.839	1.307	1.056	1.017	0.998	1.010	0.997	1.007	0.995	1.013	
6/30/2013	1.738	1.131	1.126	1.008	1.002	0.990	1.000	0.998	1.011		
6/30/2014	1.552	1.216	1.173	1.016	1.007	1.002	1.001	0.993			
6/30/2015	1.792	1.394	1.157	1.006	1.017	0.979	1.001				
6/30/2016	1.614	1.429	1.105	1.010	0.979	0.989					
6/30/2017	1.574	1.348	1.164	0.996	1.020						
6/30/2018	1.657	1.375	1.097	0.971							
6/30/2019	1.786	1.310	1.081								
6/30/2020	1.567	1.304									
6/30/2021	1.671										
3 Yr Mean	1.675	1.330	1.114	0.992	1.005	0.990	1.001	0.999	1.002	1.004	0.999
Best 3/5	1.634	1.344	1.120	1.004	1.009	0.994	0.999	1.000	1.001	1.004	1.000
A.Y.E.	<u>159:147</u>	<u>171:159</u>	<u>183:171</u>	<u>195:183</u>	<u>207:195</u>	<u>219:207</u>	<u>231:219</u>	<u>243:231</u>			
6/30/2003	0.992	1.000	1.000	1.000	1.000	1.000	1.000	1.000			
6/30/2004	1.005	0.994	1.003	1.000	1.000	1.000	1.000	1.000			
6/30/2005	0.998	1.006	1.000	1.000	1.000	1.000	1.000	1.000			
6/30/2006	0.996	1.000	1.000	1.000	1.000	1.000	1.000	1.000			
6/30/2007	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000			
6/30/2008	1.000	1.000	1.000								
6/30/2009	1.000	1.000									
6/30/2010	1.000										
3 Yr Mean	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000			
Best 3/5	1.000	1.000	1.000	1.000	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>
6/30/2018					1.009	0.994	0.999	1.000	1.001	1.004	1.000
6/30/2019				1.004	1.009	0.994	0.999	1.000	1.001	1.004	1.000
6/30/2020			1.120	1.004	1.009	0.994	0.999	1.000	1.001	1.004	1.000
6/30/2021		1.344	1.120	1.004	1.009	0.994	0.999	1.000	1.001	1.004	1.000
6/30/2022	1.634	1.344	1.120	1.004	1.009	0.994	0.999	1.000	1.001	1.004	1.000
A.Y.E	<u>147/159</u>	<u>159/171</u>	<u>171/183</u>	<u>183/195</u>	<u>195/207</u>	<u>207/219</u>	<u>219/231</u>	<u>231/243</u>	<u>243/U1t</u>		<u>FACTORS</u>
6/30/2018	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000		1.007
6/30/2019	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000		1.011
6/30/2020	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000		1.132
6/30/2021	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000		1.522
6/30/2022	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000		2.487

Bold - Calculated Using Modified Bondy Method

Italics - Three year mean Excludes Modified Bondy ratios

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

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

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

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

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

Best 3/5	0.0606	0.0924	0.0812	0.0535	0.0295	0.0158	0.0044	0.0026	0.0021	0.0022	0.0003	0.0010	0.0009
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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>
6/30/2003	84,492,900	94,552,663	99,430,827	100,679,063	100,105,920	100,578,288	100,941,904	101,875,121	102,015,473	102,170,286	102,530,565
6/30/2004	87,337,336	99,772,445	103,834,390	104,503,530	104,592,298	105,219,375	105,186,369	105,515,914	105,817,729	105,962,255	106,231,708
6/30/2005	92,357,141	98,237,318	98,787,068	100,466,222	101,007,662	100,875,636	100,998,743	101,853,296	102,212,049	102,543,238	102,632,276
6/30/2006	94,733,190	101,171,494	102,387,656	103,507,343	105,089,037	105,958,829	106,467,730	107,091,892	106,927,340	107,496,370	107,364,825
6/30/2007	97,292,973	105,491,809	107,784,260	109,059,965	110,764,387	111,813,772	112,875,494	113,396,383	114,507,497	114,758,974	114,760,002
6/30/2008	104,535,899	112,119,736	114,105,386	115,344,178	117,760,410	118,498,446	119,338,401	120,021,329	120,461,765	120,877,582	121,618,871
6/30/2009	101,529,979	107,592,877	111,186,004	113,740,490	113,450,256	114,059,599	114,380,749	114,995,260	116,422,876	116,888,766	117,000,027
6/30/2010	95,401,631	102,864,221	105,820,891	107,497,283	108,991,286	109,143,353	109,899,288	109,920,325	110,269,328	110,214,863	110,604,359
6/30/2011	105,759,453	114,165,627	116,987,345	117,350,860	118,248,450	119,011,187	119,801,211	120,524,996	120,777,215	121,047,314	121,062,008
6/30/2012	108,342,685	115,506,093	118,310,848	119,370,316	120,279,313	120,979,851	121,548,715	121,960,471	122,451,879	122,931,901	123,256,775
6/30/2013	99,496,875	108,993,649	113,517,858	115,083,321	115,980,947	116,616,538	117,303,462	118,067,047	118,619,909	118,859,187	
6/30/2014	99,095,852	108,403,843	113,247,892	115,195,419	116,749,257	117,868,029	119,286,137	119,590,231	119,846,977		
6/30/2015	97,782,526	107,956,318	114,787,215	118,917,748	119,698,927	121,575,497	122,078,620	122,855,360			
6/30/2016	99,725,509	113,583,463	118,280,137	120,933,629	122,970,668	124,869,469	125,788,258				
6/30/2017	106,277,029	118,709,997	124,578,027	126,898,386	128,912,611	131,078,584					
6/30/2018	111,034,986	124,657,445	130,505,884	133,280,052	135,513,425						
6/30/2019	108,938,340	123,078,387	128,172,060	130,389,047							
6/30/2020	106,377,289	115,815,429	120,500,346								
6/30/2021	100,567,172	115,860,668									
6/30/2022	111,562,101										

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

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

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

Bold - Calculated Using Modified Bondy Method

Italics - Three year mean Excludes Modified Bondy ratios

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

\$100,000 Basic Limit Losses as of :

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

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

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

	Link Ratios										
A.Y.E.	<u>27:15</u>	<u>39:27</u>	<u>51:39</u>	<u>63:51</u>	<u>75:63</u>	<u>87:75</u>	<u>99:87</u>	<u>111:99</u>	<u>123:111</u>	<u>135:123</u>	<u>147:135</u>
6/30/2003	1.066	0.988	1.054	1.045	0.990	1.012	1.010	1.009	1.010	0.998	1.002
6/30/2004	1.168	1.077	1.000	1.001	1.018	1.003	0.998	0.997	1.000	0.999	1.000
6/30/2005	1.130	1.055	1.006	0.997	0.988	1.004	0.999	0.997	0.996	1.002	0.996
6/30/2006	1.167	1.033	1.022	0.981	1.005	1.002	1.006	0.997	1.015	0.997	1.005
6/30/2007	1.044	1.045	0.990	0.995	0.993	1.015	0.995	0.996	1.005	1.000	1.001
6/30/2008	1.122	1.035	1.023	0.973	1.009	1.001	1.002	1.014	1.004	0.997	1.002
6/30/2009	0.983	1.032	1.010	0.996	1.007	0.988	1.006	1.003	1.000	1.001	1.001
6/30/2010	1.062	1.028	1.011	0.999	1.002	1.022	0.998	1.007	1.000	1.001	1.007
6/30/2011	1.031	1.039	0.982	0.998	1.010	1.011	1.015	0.989	1.003	0.998	1.004
6/30/2012	1.076	1.024	1.015	0.996	1.005	1.006	1.005	1.003	0.998	1.000	
6/30/2013	1.111	1.041	1.006	0.987	0.997	1.007	1.002	1.003	1.001		
6/30/2014	1.081	1.032	1.015	1.007	1.011	1.000	1.009	1.007			
6/30/2015	1.088	1.046	1.010	1.010	0.996	1.011	0.998				
6/30/2016	1.072	1.037	0.981	1.019	1.008	1.015					
6/30/2017	1.141	1.079	1.022	1.019	1.009						
6/30/2018	1.076	1.086	1.036	1.018							
6/30/2019	1.191	1.055	1.070								
6/30/2020	1.088	1.076									
6/30/2021	1.153										
3 Yr Mean	1.144	1.072	1.043	1.019	1.004	1.009	1.003	1.004	1.001	1.000	1.004
Best 3/5	1.127	1.070	1.023	1.016	1.005	1.008	1.005	1.004	1.000	1.000	1.002
A.Y.E.	<u>159:147</u>	<u>171:159</u>	<u>183:171</u>	<u>195:183</u>	<u>207:195</u>	<u>219:207</u>	<u>231:219</u>	<u>243:231</u>			
6/30/2003	0.998	0.997	1.000	0.998	1.000	1.000	1.001	1.000			
6/30/2004	0.999	1.001	0.999	1.000	1.000	1.000	1.000	1.000			
6/30/2005	1.002	1.004	0.995	0.999	1.000	1.000	1.000	1.000			
6/30/2006	0.996	1.000	1.002	0.999	1.003	1.000	1.000	1.000			
6/30/2007	1.000	1.002	1.001	1.000	0.999	1.000	1.000	1.000			
6/30/2008	1.004	0.995	1.003								
6/30/2009	1.005	0.999									
6/30/2010	0.996										
3 Yr Mean	1.002	0.999	1.002	0.999	1.001	1.000	1.001	1.000			
Best 3/5	1.000	1.000	1.001	0.999	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>	Development From						
6/30/2018					<u>63/ 75</u>	<u>75/ 87</u>	<u>87/ 99</u>	<u>99/111</u>	<u>111/123</u>	<u>123/135</u>	<u>135/147</u>
6/30/2019				1.016	1.005	1.008	1.005	1.004	1.000	1.000	1.002
6/30/2020			1.023	1.016	1.005	1.008	1.005	1.004	1.000	1.000	1.002
6/30/2021		1.070	1.023	1.016	1.005	1.008	1.005	1.004	1.000	1.000	1.002
6/30/2022	1.127	1.070	1.023	1.016	1.005	1.008	1.005	1.004	1.000	1.000	1.002
A.Y.E	<u>147/159</u>	<u>159/171</u>	<u>171/183</u>	<u>183/195</u>	<u>195/207</u>	<u>207/219</u>	<u>219/231</u>	<u>231/243</u>	<u>243/U1t</u>	FACTORS	
6/30/2018	1.000	1.000	1.001	0.999	1.000	1.000	1.000	1.000	1.000		1.024
6/30/2019	1.000	1.000	1.001	0.999	1.000	1.000	1.000	1.000	1.000		1.041
6/30/2020	1.000	1.000	1.001	0.999	1.000	1.000	1.000	1.000	1.000		1.065
6/30/2021	1.000	1.000	1.001	0.999	1.000	1.000	1.000	1.000	1.000		1.139
6/30/2022	1.000	1.000	1.001	0.999	1.000	1.000	1.000	1.000	1.000		1.284

Bold - Calculated Using Modified Bondy Method

Italics - Three year mean Excludes Modified Bondy ratios

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

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

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

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

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

Best 3/5	0.0432	0.0427	0.0398	0.0355	0.0198	0.0125	0.0085	0.0090	0.0039	0.0033	0.0038	0.0022	0.0014
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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>
6/30/2003	18,515,407	23,911,597	28,822,347	30,250,500	29,235,397	29,907,840	28,880,966	29,287,319	29,397,809	29,153,847	29,193,359
6/30/2004	15,980,957	22,021,414	26,706,609	27,339,982	27,539,972	25,643,965	25,065,458	25,072,755	24,987,316	25,222,183	25,012,347
6/30/2005	16,597,010	21,488,626	24,157,368	25,359,005	24,579,379	24,537,575	24,517,158	24,705,836	24,804,286	24,679,604	24,728,164
6/30/2006	19,141,810	24,351,844	26,171,943	25,409,446	25,431,180	25,218,059	25,186,725	25,178,943	24,823,213	25,059,959	25,036,086
6/30/2007	17,404,892	20,799,270	23,067,923	23,474,395	22,895,329	22,494,072	22,321,688	22,519,032	22,454,584	22,433,422	22,362,255
6/30/2008	15,037,585	17,698,220	18,893,575	19,137,500	19,192,783	18,702,479	18,353,111	18,522,640	18,551,643	18,534,401	18,718,735
6/30/2009	13,076,980	16,872,892	18,748,480	18,922,444	19,129,468	18,917,786	18,668,270	18,471,141	18,294,663	18,307,351	18,262,547
6/30/2010	13,063,884	15,172,606	16,004,053	15,865,880	15,221,627	15,271,093	15,402,641	15,349,369	15,410,905	15,503,252	15,602,001
6/30/2011	12,043,072	13,308,660	14,419,899	13,127,227	13,130,479	13,000,249	13,231,112	13,146,961	13,201,886	13,264,507	13,246,174
6/30/2012	5,370,314	6,526,943	7,080,361	7,967,906	7,579,701	7,929,150	8,085,464	8,309,327	8,288,517	8,257,543	8,287,483
6/30/2013	5,947,942	6,981,663	7,354,598	7,958,957	8,340,369	8,499,478	8,395,277	8,477,829	8,575,305	8,293,638	
6/30/2014	5,467,946	7,931,171	9,112,946	9,524,151	9,419,791	9,642,955	9,565,868	9,635,420	9,611,533		
6/30/2015	7,010,636	9,363,135	9,736,507	10,833,092	10,848,442	10,798,705	10,644,725	10,547,558			
6/30/2016	6,560,351	7,926,549	8,818,115	8,858,313	9,228,450	9,188,267	9,235,656				
6/30/2017	5,740,233	7,798,596	8,712,693	9,099,518	9,502,035	9,452,814					
6/30/2018	7,590,561	9,122,653	11,330,742	11,907,099	12,141,042						
6/30/2019	5,662,802	6,619,675	6,940,881	8,034,720							
6/30/2020	5,114,966	6,615,960	7,822,247								
6/30/2021	6,475,514	7,568,924									
6/30/2022	6,701,297										

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

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

Link Ratios											
A.Y.E.	<u>27:15</u>	<u>39:27</u>	<u>51:39</u>	<u>63:51</u>	<u>75:63</u>	<u>87:75</u>	<u>99:87</u>	<u>111:99</u>	<u>123:111</u>	<u>135:123</u>	<u>147:135</u>
6/30/2003	1.291	1.205	1.050	0.966	1.023	0.966	1.014	1.004	0.992	1.001	0.996
6/30/2004	1.378	1.213	1.024	1.007	0.931	0.977	1.000	0.997	1.009	0.992	1.003
6/30/2005	1.295	1.124	1.050	0.969	0.998	0.999	1.008	1.004	0.995	1.002	0.995
6/30/2006	1.272	1.075	0.971	1.001	0.992	0.999	1.000	0.986	1.010	0.999	0.994
6/30/2007	1.195	1.109	1.018	0.975	0.982	0.992	1.009	0.997	0.999	0.997	1.000
6/30/2008	1.177	1.068	1.013	1.003	0.974	0.981	1.009	1.002	0.999	1.010	1.000
6/30/2009	1.290	1.111	1.009	1.011	0.989	0.987	0.989	0.990	1.001	0.998	1.008
6/30/2010	1.161	1.055	0.991	0.959	1.003	1.009	0.997	1.004	1.006	1.006	1.001
6/30/2011	1.105	1.083	0.910	1.000	0.990	1.018	0.994	1.004	1.005	0.999	0.993
6/30/2012	1.215	1.085	1.125	0.951	1.046	1.020	1.028	0.997	0.996	1.004	
6/30/2013	1.174	1.053	1.082	1.048	1.019	0.988	1.010	1.011	0.967		
6/30/2014	1.450	1.149	1.045	0.989	1.024	0.992	1.007	0.998			
6/30/2015	1.336	1.040	1.113	1.001	0.995	0.986	0.991				
6/30/2016	1.208	1.112	1.005	1.042	0.996	1.005					
6/30/2017	1.359	1.117	1.044	1.044	0.995						
6/30/2018	1.202	1.242	1.051	1.020							
6/30/2019	1.169	1.049	1.158								
6/30/2020	1.293	1.182									
6/30/2021	1.169										
3 Yr Mean	1.210	1.158	1.084	1.035	0.995	0.994	1.003	1.002	0.989	1.003	1.001
Best 3/5	1.221	1.137	1.069	1.021	1.003	0.995	1.004	1.002	1.001	1.003	1.000
6/30/2003	<u>159:147</u>	<u>171:159</u>	<u>183:171</u>	<u>195:183</u>	<u>207:195</u>	<u>219:207</u>	<u>231:219</u>	<u>243:231</u>			
6/30/2004	0.996	1.003	1.000	1.000	1.003	1.007	1.000	1.000			
6/30/2005	1.001	0.999	1.000	1.000	1.011	1.001	1.000	1.001			
6/30/2006	1.001	1.000	1.000	1.001	1.004	1.000	1.002	1.001			
6/30/2007	0.996	1.004	1.007	0.996	1.000	1.002	1.002	1.001			
6/30/2008	1.001	1.006	1.000	1.000	1.000	1.002	1.002	1.001			
6/30/2009	1.003	0.997	0.996								
6/30/2010	1.000	1.000									
6/30/2011	1.001										
3 Yr Mean	1.001	1.001	1.001	0.999	1.005	1.003	1.000	1.000			
Best 3/5	1.001	1.001	1.000	1.000	1.002	1.002	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>
6/30/2018					1.003	0.995	1.004	1.002	1.001	1.003	1.000
6/30/2019				1.021	1.003	0.995	1.004	1.002	1.001	1.003	1.000
6/30/2020			1.069	1.021	1.003	0.995	1.004	1.002	1.001	1.003	1.000
6/30/2021		1.137	1.069	1.021	1.003	0.995	1.004	1.002	1.001	1.003	1.000
6/30/2022	1.221	1.137	1.069	1.021	1.003	0.995	1.004	1.002	1.001	1.003	1.000
A.Y.E	<u>147/159</u>	<u>159/171</u>	<u>171/183</u>	<u>183/195</u>	<u>195/207</u>	<u>207/219</u>	<u>219/231</u>	<u>231/243</u>	<u>243/U1t</u>		FACTORS
6/30/2018	1.001	1.001	1.000	1.000	1.002	1.002	1.001	1.001	1.001		1.017
6/30/2019	1.001	1.001	1.000	1.000	1.002	1.002	1.001	1.001	1.001		1.038
6/30/2020	1.001	1.001	1.000	1.000	1.002	1.002	1.001	1.001	1.001		1.110
6/30/2021	1.001	1.001	1.000	1.000	1.002	1.002	1.001	1.001	1.001		1.262
6/30/2022	1.001	1.001	1.000	1.000	1.002	1.002	1.001	1.001	1.001		1.541

Bold - Calculated Using Modified Bondy Method

Italics - Three year mean Excludes Modified Bondy ratios

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

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

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

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

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

Best 3/5	0.1001	0.0960	0.1424	0.0995	0.0299	0.0443	0.0257	0.0210	0.0084	0.0020	0.0004	0.0018	0.0006
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UTAH

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	1.389	1.084	0.6263	1.198	1,900,000
27 to 39 Months	1.181	1.115	0.6735	1.137	2,200,000
39 to 51 Months	1.060	1.001	0.6520	1.022	2,700,000
51 to 63 Months	1.008	1.006	0.5607	1.007	3,300,000
63 to 75 Months	1.000	1.016	0.4255	1.007	4,000,000
75 to 87 Months	0.997	1.000	0.3496	0.998	4,800,000
87 to 99 Months	0.999	1.000	0.3555	0.999	5,800,000
99 to 111 Months	0.999	1.000	0.3064	0.999	7,000,000
111 to 123 Months	0.999	1.000	0.2742	0.999	8,500,000
123 to 135 Months	1.000	1.000	0.2184	1.000	10,300,000
135 to 147 Months	1.000	1.000	0.1898	1.000	12,500,000
147 to 159 Months	1.000	1.000	0.1584	1.000	15,100,000
159 to 171 Months	1.001	1.000	0.1228	1.001	18,200,000
171 to 183 Months	1.001	1.000	0.0783	1.001	22,100,000
183 to 195 Months	1.000	1.000	0.0407	1.000	26,700,000
195 to 207 Months	1.001	1.000	0.0397	1.001	32,400,000
207 to 219 Months	1.001	1.000	0.0364	1.001	39,300,000
219 to 231 Months	1.001	1.000	0.0229	1.001	47,600,000
231 to 243 Months	1.001	1.000	0.0088	1.001	57,700,000
243 to Ultimate	The Multistate ratio has been used.				

Accident Year	Loss Development From										
Ending	27:15	39:27	51:39	63:51	75:63	87:75	99:87	111:99	123:111	135:123	147:135
6/30/2020			1.022	1.007	1.007	0.998	0.999	0.999	0.999	1.000	1.000
6/30/2021		1.137	1.022	1.007	1.007	0.998	0.999	0.999	0.999	1.000	1.000
6/30/2022	1.198	1.137	1.022	1.007	1.007	0.998	0.999	0.999	0.999	1.000	1.000
	159:147	171:159	183:171	195:183	207:195	219:207	231:219	243:231	ULT:243		Factor
6/30/2020	1.000	1.001	1.001	1.000	1.001	1.001	1.001	1.001	1.004		1.041
6/30/2021	1.000	1.001	1.001	1.000	1.001	1.001	1.001	1.001	1.004		1.184
6/30/2022	1.000	1.001	1.001	1.000	1.001	1.001	1.001	1.001	1.004		1.418

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

UTAH

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	0.0544	0.0432	0.6263	0.0474	1,900,000
27 to 39 Months	0.0658	0.0301	0.6735	0.0418	2,200,000
39 to 51 Months	0.0501	0.0365	0.6520	0.0412	2,700,000
51 to 63 Months	0.0271	0.0555	0.5607	0.0430	3,300,000
63 to 75 Months	0.0133	0.0133	0.4255	0.0133	4,000,000
75 to 87 Months	0.0071	0.0003	0.3496	0.0047	4,800,000
87 to 99 Months	0.0038	0.0000	0.3555	0.0024	5,800,000
99 to 111 Months	0.0029	0.0000	0.3064	0.0020	7,000,000
111 to 123 Months	0.0021	0.0000	0.2742	0.0015	8,500,000
123 to 135 Months	0.0010	0.0000	0.2184	0.0008	10,300,000
135 to 147 Months	0.0008	0.0000	0.1898	0.0006	12,500,000
147 to 159 Months	0.0007	0.0000	0.1584	0.0006	15,100,000
159 to 171 Months	0.0012	0.0000	0.1228	0.0011	18,200,000
171 to Ultimate	A multistate ratio of 0.0000 has been used.				

Cumulative Incremental Factors							
<u>Months-to-Ultimate</u>	<u>15</u>	<u>27</u>	<u>39</u>	<u>51</u>	<u>63</u>	<u>75</u>	<u>87</u>
	0.200	0.153	0.111	0.070	0.027	0.014	0.009
<u>Months-to-Ultimate</u>	<u>99</u>	<u>111</u>	<u>123</u>	<u>135</u>	<u>147</u>	<u>159</u>	<u>171</u>
	0.007	0.005	0.003	0.002	0.002	0.001	0.000

Full coverage

A.Y.E	Reported ALAE as of 12/31/2022	\$500,000 Ultimate Indemnity	ALAE Factor	Additional ALAE	Ultimate ALAE
9/30/2020	375,641	2,965,072	0.111	329,716	705,357
9/30/2021	60,533	2,339,331	0.153	357,918	418,451
9/30/2022	104,621	3,492,565	0.200	699,910	804,531

Deductible Coverage

A.Y.E	Reported ALAE as of 12/31/2022	\$500,000 Ultimate Indemnity	ALAE Factor	Additional ALAE	Ultimate ALAE
9/30/2020	1,133	275,936	0.111	30,684	31,817
9/30/2021	10,522	276,901	0.153	42,366	52,888
9/30/2022	151	0	0.200	0	151

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

UTAH

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	1.132	0.966	0.3238	1.078	1,100,000
27 to 39 Months	1.077	0.959	0.4235	1.027	1,200,000
39 to 51 Months	1.042	0.929	0.4072	0.996	1,400,000
51 to 63 Months	1.015	1.000	0.3805	1.009	1,500,000
63 to 75 Months	1.004	1.077	0.2074	1.019	1,700,000
75 to 87 Months	1.010	1.000	0.1859	1.008	2,000,000
87 to 99 Months	1.004	1.000	0.2208	1.003	2,300,000
99 to 111 Months	1.004	1.000	0.2262	1.003	2,600,000
111 to 123 Months	1.000	1.000	0.1747	1.000	2,900,000
123 to 135 Months	1.002	1.000	0.1408	1.002	3,300,000
135 to 147 Months	1.002	1.000	0.1348	1.002	3,800,000
147 to 159 Months	0.999	1.000	0.1412	0.999	4,400,000
159 to 171 Months	1.000	1.000	0.1569	1.000	5,000,000
171 to 183 Months	1.001	1.000	0.1041	1.001	5,600,000
183 to 195 Months	1.001	1.000	0.0899	1.001	6,400,000
195 to 207 Months	1.001	1.000	0.0488	1.001	7,300,000
207 to 219 Months	1.001	1.000	0.0481	1.001	8,300,000
219 to 231 Months	1.001	1.000	0.0245	1.001	9,500,000
231 to 243 Months	1.001	1.000	0.0074	1.001	10,900,000
243 to Ultimate	The Multistate ratio has been used.				

Accident Year	Loss Development From										
Ending	27:15	39:27	51:39	63:51	75:63	87:75	99:87	111:99	123:111	135:123	147:135
6/30/2020			0.996	1.009	1.019	1.008	1.003	1.003	1.000	1.002	1.002
6/30/2021		1.027	0.996	1.009	1.019	1.008	1.003	1.003	1.000	1.002	1.002
6/30/2022	1.078	1.027	0.996	1.009	1.019	1.008	1.003	1.003	1.000	1.002	1.002
	<u>159:147</u>	<u>171:159</u>	<u>183:171</u>	<u>195:183</u>	<u>207:195</u>	<u>219:207</u>	<u>231:219</u>	<u>243:231</u>	<u>ULT:243</u>		<u>Factor</u>
6/30/2020	0.999	1.000	1.001	1.001	1.001	1.001	1.001	1.001	1.005		1.053
6/30/2021	0.999	1.000	1.001	1.001	1.001	1.001	1.001	1.001	1.005		1.082
6/30/2022	0.999	1.000	1.001	1.001	1.001	1.001	1.001	1.001	1.005		1.166

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

UTAH

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	0.0751	0.0436	0.3238	0.0649	1,100,000
27 to 39 Months	0.0814	0.0416	0.4235	0.0645	1,200,000
39 to 51 Months	0.0686	-0.0128	0.4072	0.0355	1,400,000
51 to 63 Months	0.0421	0.0000	0.3805	0.0261	1,500,000
63 to 75 Months	0.0327	0.0000	0.2074	0.0259	1,700,000
75 to 87 Months	0.0099	0.0000	0.1859	0.0081	2,000,000
87 to 99 Months	0.0190	0.0000	0.2208	0.0148	2,300,000
99 to 111 Months	0.0115	0.0000	0.2262	0.0089	2,600,000
111 to 123 Months	0.0106	0.0000	0.1747	0.0087	2,900,000
123 to 135 Months	0.0104	0.0000	0.1408	0.0089	3,300,000
135 to 147 Months	0.0051	0.0000	0.1348	0.0044	3,800,000
147 to 159 Months	0.0038	0.0000	0.1412	0.0033	4,400,000
159 to 171 Months	0.0042	0.0000	0.1569	0.0035	5,000,000
171 to Ultimate	A multistate ratio of 0.0000 has been used.				

Cumulative Incremental Factors							
<u>Months-to-Ultimate</u>	<u>15</u>	<u>27</u>	<u>39</u>	<u>51</u>	<u>63</u>	<u>75</u>	<u>87</u>
	0.278	0.213	0.148	0.113	0.087	0.061	0.053
<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>
	0.038	0.029	0.020	0.011	0.007	0.004	0.000

Full coverage

A.Y.E	Reported ALAE as of 12/31/2022	\$500,000 Ultimate Indemnity	ALAE Factor	Additional ALAE	Ultimate ALAE
9/30/2020	24,944	354,018	0.148	52,430	77,374
9/30/2021	12,964	256,228	0.213	54,474	67,438
9/30/2022	5,934	248,434	0.278	68,940	74,874

Deductible Coverage

A.Y.E	Reported ALAE as of 12/31/2022	\$500,000 Ultimate Indemnity	ALAE Factor	Additional ALAE	Ultimate ALAE
9/30/2020	1,044	5,356	0.148	793	1,837
9/30/2021	1,600	32,525	0.213	6,915	8,515
9/30/2022	1,000	105,399	0.278	29,248	30,248

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

UTAH

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	0.1864
27 to 39 Months	0.1295
39 to 51 Months	0.1070
51 to 63 Months	0.0911
63 to 75 Months	0.0607
75 to 87 Months	0.0477
87 to 99 Months	0.0424
99 to 111 Months	0.0232
111 to 123 Months	0.0148
123 to 135 Months	0.0272
135 to 147 Months	0.0014
147 to 159 Months	0.0031
159 to 171 Months	0.0020
171 to Ultimate	A multistate ratio of 0.0000 has been used.

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

Full coverage

<u>A.Y.E</u>	<u>Reported ALAE as of 12/31/2022</u>	<u>\$500,000 Ultimate Indemnity</u>	<u>ALAE Factor</u>	<u>Additional ALAE</u>	<u>Ultimate ALAE</u>
9/30/2020	19	22,255	0.421	9,360	9,379
9/30/2021	0	5,761	0.550	3,169	3,169
9/30/2022	0	0	0.737	0	0

(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
 UTAH
 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>
6/30/2003	459,685	496,680	604,094	605,684	510,683	510,683	510,683	510,683	510,683	510,683	510,683
6/30/2004	472,880	508,587	569,314	570,430	581,950	581,950	581,950	581,950	606,950	606,950	606,950
6/30/2005	513,623	286,446	419,204	423,595	367,095	367,095	367,095	367,095	367,095	367,095	367,095
6/30/2006	314,499	259,186	442,366	477,027	361,774	413,861	363,774	363,774	363,774	363,774	363,774
6/30/2007	478,198	463,031	473,746	430,396	405,396	402,796	402,796	402,796	402,796	402,796	402,796
6/30/2008	1,057,966	1,060,266	1,303,065	1,359,908	1,284,908	1,124,908	1,109,908	1,109,908	1,109,908	1,109,908	1,109,908
6/30/2009	810,413	1,039,745	1,055,529	1,035,807	1,045,807	1,026,982	1,035,807	1,035,807	1,035,807	1,035,807	1,035,807
6/30/2010	856,080	932,397	825,412	755,860	807,704	696,039	696,039	696,039	696,039	696,039	696,039
6/30/2011	1,156,676	975,973	1,213,051	1,248,549	1,194,049	1,196,549	1,196,549	1,196,549	1,196,549	1,196,549	1,196,549
6/30/2012	981,392	948,750	1,027,575	1,120,482	1,061,339	985,605	985,605	985,605	985,605	985,605	985,605
6/30/2013	1,217,114	1,031,760	1,026,174	1,061,491	1,023,891	1,004,391	1,004,391	1,029,391	1,029,391	1,029,391	
6/30/2014	865,046	881,766	1,115,547	1,104,369	1,121,869	1,076,869	1,076,870	1,076,869	1,076,869		
6/30/2015	895,590	1,006,414	1,004,186	1,038,958	1,046,262	1,116,262	1,117,297	1,117,297			
6/30/2016	552,995	416,712	514,817	567,496	386,776	386,776					
6/30/2017	1,617,146	1,576,996	1,596,689	1,538,252	1,529,684	1,804,541					
6/30/2018	1,332,092	1,484,947	2,096,980	2,106,973	2,289,253						
6/30/2019	1,136,760	1,245,320	1,365,720	1,232,371							
6/30/2020	1,592,569	1,807,766	1,785,047								
6/30/2021	454,447	473,385									
6/30/2022	585,622										

A.Y.E.	<u>147 Months</u>	<u>159 Months</u>	<u>171 Months</u>	<u>183 Months</u>	<u>195 Months</u>	<u>207 Months</u>	<u>219 Months</u>	<u>231 Months</u>	<u>243 Months</u>
6/30/2003	510,683	510,683	510,683	510,683	510,683	510,683	510,683	510,683	510,683
6/30/2004	606,950	606,950	606,950	606,950	606,950	606,950	606,950	606,950	
6/30/2005	367,095	367,095	367,095	367,095	367,095	367,095	367,095		
6/30/2006	363,774	363,774	363,774	363,774	363,774	363,774			
6/30/2007	402,796	402,796	402,796	402,796	402,796				
6/30/2008	1,109,908	1,109,908	1,109,908	1,159,915					
6/30/2009	1,035,807	1,035,807	1,035,807						
6/30/2010	696,039	696,039							
6/30/2011	1,196,549								

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

Link Ratios											
A.Y.E.	<u>27:15</u>	<u>39:27</u>	<u>51:39</u>	<u>63:51</u>	<u>75:63</u>	<u>87:75</u>	<u>99:87</u>	<u>111:99</u>	<u>123:111</u>	<u>135:123</u>	<u>147:135</u>
6/30/2003	1.080	1.216	1.003	0.843	1.000	1.000	1.000	1.000	1.000	1.000	1.000
6/30/2004	1.076	1.119	1.002	1.020	1.000	1.000	1.000	1.043	1.000	1.000	1.000
6/30/2005	0.558	1.463	1.010	0.867	1.000	1.000	1.000	1.000	1.000	1.000	1.000
6/30/2006	0.824	1.707	1.078	0.758	1.144	0.879	1.000	1.000	1.000	1.000	1.000
6/30/2007	0.968	1.023	0.908	0.942	0.994	1.000	1.000	1.000	1.000	1.000	1.000
6/30/2008	1.002	1.229	1.044	0.945	0.875	0.987	1.000	1.000	1.000	1.000	1.000
6/30/2009	1.283	1.015	0.981	1.010	0.982	1.009	1.000	1.000	1.000	1.000	1.000
6/30/2010	1.089	0.885	0.916	1.069	0.862	1.000	1.000	1.000	1.000	1.000	1.000
6/30/2011	0.844	1.243	1.029	0.956	1.002	1.000	1.000	1.000	1.000	1.000	1.000
6/30/2012	0.967	1.083	1.090	0.947	0.929	1.000	1.000	1.000	1.000	1.000	1.000
6/30/2013	0.848	0.995	1.034	0.965	0.981	1.000	1.025	1.000	1.000	1.000	1.000
6/30/2014	1.019	1.265	0.990	1.016	0.960	1.000	1.000	1.000			
6/30/2015	1.124	0.998	1.035	1.007	1.067	1.001	1.000				
6/30/2016	0.754	1.235	1.102	0.682	1.000	1.000					
6/30/2017	0.975	1.012	0.963	0.994	1.180						
6/30/2018	1.115	1.412	1.005	1.087							
6/30/2019	1.095	1.097	0.902								
6/30/2020	1.135	0.987									
6/30/2021	1.042										
3 Yr Mean	1.091	1.165	0.957	0.921	1.082	1.000	1.008	1.000	1.000	1.000	1.000
Best 3/5	1.084	1.115	1.001	1.006	1.016	1.000	1.000	1.000	1.000	1.000	1.000
A.Y.E.	<u>159:147</u>	<u>171:159</u>	<u>183:171</u>	<u>195:183</u>	<u>207:195</u>	<u>219:207</u>	<u>231:219</u>	<u>243:231</u>			
6/30/2003	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000			
6/30/2004	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000			
6/30/2005	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000			
6/30/2006	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000			
6/30/2007	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000			
6/30/2008	1.000	1.000	1.045								
6/30/2009	1.000	1.000									
6/30/2010	1.000										
3 Yr Mean	1.000	1.000	1.015	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>
6/30/2018					1.016	1.000	1.000	1.000	1.000	1.000	1.000
6/30/2019				1.006	1.016	1.000	1.000	1.000	1.000	1.000	1.000
6/30/2020			1.001	1.006	1.016	1.000	1.000	1.000	1.000	1.000	1.000
6/30/2021		1.115	1.001	1.006	1.016	1.000	1.000	1.000	1.000	1.000	1.000
6/30/2022	1.084	1.115	1.001	1.006	1.016	1.000	1.000	1.000	1.000	1.000	1.000
A.Y.E.	<u>147/159</u>	<u>159/171</u>	<u>171/183</u>	<u>183/195</u>	<u>195/207</u>	<u>207/219</u>	<u>219/231</u>	<u>231/243</u>	<u>243/U1t</u>		<u>FACTORS</u>
6/30/2018	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000		1.016
6/30/2019	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000		1.022
6/30/2020	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000		1.023
6/30/2021	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000		1.141
6/30/2022	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000		1.237

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
 UTAH
 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>
6/30/2003	31,776	58,040	125,799	140,744	142,499	214,389	214,389	214,389	214,389	214,389	214,389
6/30/2004	29,737	62,416	201,181	190,966	192,757	186,500	196,501	246,502	240,345	240,345	240,345
6/30/2005	63,249	77,914	144,690	156,606	144,871	144,871	152,388	152,388	152,388	152,388	152,388
6/30/2006	10,991	43,065	106,913	206,344	253,775	387,161	429,910	428,461	428,461	428,461	428,461
6/30/2007	13,278	41,468	97,023	149,919	155,068	153,728	153,728	153,728	153,728	153,728	153,728
6/30/2008	39,908	194,545	301,629	346,816	396,518	398,322	389,662	389,662	389,662	389,662	389,662
6/30/2009	49,823	125,747	272,644	355,042	476,162	473,752	505,558	614,696	614,696	614,696	614,696
6/30/2010	32,865	113,677	270,643	486,702	493,629	501,035	501,035	501,035	501,035	501,035	501,035
6/30/2011	146,680	216,309	334,349	426,011	584,970	650,976	664,406	664,406	664,406	664,406	664,406
6/30/2012	84,494	106,619	154,378	197,726	223,961	261,015	261,567	261,567	261,567	261,567	261,567
6/30/2013	68,373	110,664	190,714	394,096	544,251	558,094	558,109	559,719	552,012	552,012	
6/30/2014	104,153	192,233	392,898	548,010	690,340	749,719	934,906	913,046	913,046		
6/30/2015	17,220	45,763	79,788	109,388	131,077	146,774	147,400	147,400			
6/30/2016	30,140	113,699	276,698	325,899	412,231	412,231	412,231				
6/30/2017	177,315	165,525	276,016	482,191	716,559	801,299					
6/30/2018	149,715	390,420	492,270	650,842	859,006						
6/30/2019	112,159	299,404	327,577	372,149							
6/30/2020	147,443	286,102	412,485								
6/30/2021	26,146	53,189									
6/30/2022	58,245										

<u>A.Y.E.</u>	<u>147 Months</u>	<u>159 Months</u>	<u>171 Months</u>	<u>183 Months</u>	<u>195 Months</u>	<u>207 Months</u>	<u>219 Months</u>	<u>231 Months</u>	<u>243 Months</u>
6/30/2003	214,389	214,389	214,389	214,389	214,389	214,389	214,389	214,389	214,389
6/30/2004	240,345	240,345	240,345	240,345	240,345	240,345	240,345	240,345	
6/30/2005	152,388	152,388	152,388	152,388	152,388	152,388	152,388		
6/30/2006	428,461	428,461	428,461	428,461	428,461	428,461			
6/30/2007	153,728	153,728	153,728	153,728	153,728				
6/30/2008	389,662	389,662	389,662	487,345					
6/30/2009	614,696	614,696	614,696						
6/30/2010	501,035	501,035							
6/30/2011	665,427								

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 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
6/30/2003	26,264	67,759	14,945	1,755	71,890	0	0	0	0	0	0	0	0
6/30/2004	32,679	138,765	-10,215	1,791	-6,257	10,001	50,001	-6,157	0	0	0	0	0
6/30/2005	14,665	66,776	11,916	-11,735	0	7,517	0	0	0	0	0	0	0
6/30/2006	32,074	63,848	99,431	47,431	133,386	42,749	-1,449	0	0	0	0	0	0
6/30/2007	28,190	55,555	52,896	5,149	-1,340	0	0	0	0	0	0	0	0
6/30/2008	154,637	107,084	45,187	49,702	1,804	-8,660	0	0	0	0	0	0	0
6/30/2009	75,924	146,897	82,398	121,120	-2,410	31,806	109,138	0	0	0	0	0	0
6/30/2010	80,812	156,966	216,059	6,927	7,406	0	0	0	0	0	0	0	0
6/30/2011	69,629	118,040	91,662	158,959	66,006	13,430	0	0	0	0	1,021	0	0
6/30/2012	22,125	47,759	43,348	26,235	37,054	552	0	0	0	0	0	0	0
6/30/2013	42,291	80,050	203,382	150,155	13,843	15	1,610	-7,707	0	0	0	0	0
6/30/2014	88,080	200,665	155,112	142,330	59,379	185,187	-21,860	0	0	0	0	0	0
6/30/2015	28,543	34,025	29,600	21,689	15,697	626	0	0	0	0	0	0	0
6/30/2016	83,559	162,999	49,201	86,332	0	0	0	0	0	0	0	0	0
6/30/2017	-11,790	110,491	206,175	234,368	84,740	0	0	0	0	0	0	0	0
6/30/2018	240,705	101,850	158,572	208,164	0	0	0	0	0	0	0	0	0
6/30/2019	187,245	28,173	44,572	0	0	0	0	0	0	0	0	0	0
6/30/2020	138,659	126,383	0	0	0	0	0	0	0	0	0	0	0
6/30/2021	27,043	0	0	0	0	0	0	0	0	0	0	0	0

Incremental Percentages														
<u>A.Y.E.</u>	<u>27:15</u>	<u>39:27</u>	<u>51:39</u>	<u>63:51</u>	<u>75:63</u>	<u>87:75</u>	<u>99:87</u>	<u>111:99</u>	<u>123:111</u>	<u>135:123</u>	<u>147:135</u>	<u>159:147</u>	<u>171:159</u>	
6/30/2003	0.0405	0.1045	0.0231	0.0027	0.1109	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
6/30/2004	0.0294	0.1247	-0.0092	0.0016	-0.0056	0.0090	0.0449	-0.0055	0.0000	0.0000	0.0000	0.0000	0.0000	
6/30/2005	0.0363	0.1651	0.0295	-0.0290	0.0000	0.0186	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
6/30/2006	0.0417	0.0830	0.1293	0.0617	0.1734	0.0556	-0.0019	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
6/30/2007	0.0621	0.1224	0.1165	0.0113	-0.0030	0.0000	-0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
6/30/2008	0.0932	0.0645	0.0272	0.0299	0.0011	-0.0052	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
6/30/2009	0.0458	0.0886	0.0497	0.0731	-0.0015	0.0192	0.0659	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
6/30/2010	0.0802	0.1557	0.2143	0.0069	0.0073	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
6/30/2011	0.0299	0.0508	0.0394	0.0684	0.0284	0.0058	0.0000	0.0000	0.0000	0.0000	0.0004	0.0000	0.0000	
6/30/2012	0.0171	0.0369	0.0335	0.0202	0.0286	0.0004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
6/30/2013	0.0234	0.0444	0.1127	0.0832	0.0077	0.0000	0.0009	-0.0043	0.0000					
6/30/2014	0.0381	0.0868	0.0671	0.0615	0.0257	0.0801	-0.0095	0.0000						
6/30/2015	0.0169	0.0201	0.0175	0.0128	0.0093	0.0004	0.0000							
6/30/2016	0.1007	0.1964	0.0593	0.1040	0.0000	0.0000								
6/30/2017	-0.0032	0.0297	0.0554	0.0629	0.0228									
6/30/2018	0.0488	0.0206	0.0321	0.0422										
6/30/2019	0.0924	0.0139	0.0220											
6/30/2020	0.0439	0.0400												
6/30/2021	0.0369													

Best 3/5	0.0432	0.0301	0.0365	0.0555	0.0133	0.0003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
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Premises / Operations (Subline Code 334)
 Owners, Landlords and Tenants
 Full Coverage
 UTAH
 Property Damage - Occurrence
 Incurred Accident Year Basic Limits Loss Development Excluding ALAE

\$100,000 Basic Limit Losses as of :											
<u>A.Y.E.</u>	<u>15 Months</u>	<u>27 Months</u>	<u>39 Months</u>	<u>51 Months</u>	<u>63 Months</u>	<u>75 Months</u>	<u>87 Months</u>	<u>99 Months</u>	<u>111 Months</u>	<u>123 Months</u>	<u>135 Months</u>
6/30/2003	69,112	81,973	86,072	86,476	81,072	81,072	81,072	81,072	81,072	81,072	81,072
6/30/2004	155,718	157,336	157,336	157,336	157,336	157,336	157,336	157,336	157,336	157,336	157,336
6/30/2005	231,865	147,449	131,621	168,371	183,371	180,871	180,871	180,871	180,871	180,871	180,871
6/30/2006	44,294	48,705	44,205	36,522	36,522	36,522	36,522	36,522	36,522	36,522	36,522
6/30/2007	222,196	357,198	334,198	314,942	314,942	314,942	314,942	414,942	414,942	414,942	414,942
6/30/2008	227,925	214,781	99,781	99,165	199,165	199,165	199,165	199,165	224,165	274,165	199,165
6/30/2009	252,786	253,973	316,326	316,326	316,327	316,326	316,326	316,326	316,326	316,326	316,326
6/30/2010	87,719	113,049	116,849	208,049	208,049	208,049	208,049	208,049	208,049	208,049	208,049
6/30/2011	135,937	80,280	67,764	167,764	67,764	67,764	67,764	67,764	67,764	67,764	67,764
6/30/2012	229,302	291,502	237,912	264,912	264,912	264,912	264,912	264,912	264,912	264,912	264,912
6/30/2013	243,745	241,994	230,820	180,933	181,393	281,121	281,121	281,121	281,121	281,121	
6/30/2014	235,674	240,890	128,890	163,890	173,890	213,890	213,890	213,890	213,890	213,890	
6/30/2015	203,413	159,962	199,460	156,772	156,772	156,772	156,772	156,772			
6/30/2016	202,316	186,183	186,183	86,183	86,183	86,183	86,183				
6/30/2017	228,626	210,118	201,836	201,836	201,836	201,836					
6/30/2018	426,406	474,707	475,151	633,151	605,428						
6/30/2019	330,025	310,559	284,678	284,678							
6/30/2020	100,594	96,365	83,220								
6/30/2021	96,085	95,932									
6/30/2022	110,123										

<u>A.Y.E.</u>	<u>147 Months</u>	<u>159 Months</u>	<u>171 Months</u>	<u>183 Months</u>	<u>195 Months</u>	<u>207 Months</u>	<u>219 Months</u>	<u>231 Months</u>	<u>243 Months</u>
6/30/2003	81,072	81,072	81,072	81,072	81,072	81,072	81,072	81,072	81,072
6/30/2004	157,336	157,336	157,336	157,336	157,336	157,336	157,336	157,336	
6/30/2005	180,871	180,871	180,871	180,871	180,871	180,871	180,871		
6/30/2006	36,522	36,522	36,522	36,522	36,522	36,522			
6/30/2007	414,942	414,942	414,942	414,942	414,942				
6/30/2008	199,165	199,165	199,165	199,165					
6/30/2009	316,326	316,326	316,326						
6/30/2010	208,049	208,049							
6/30/2011	67,764								

Premises / Operations (Subline Code 334)
 Owners, Landlords and Tenants
 Full Coverage
 UTAH

Property Damage - Occurrence
 Incurred Accident Year Basic Limits Loss Development Excluding ALAE

Link Ratios											
A.Y.E.	<u>27:15</u>	<u>39:27</u>	<u>51:39</u>	<u>63:51</u>	<u>75:63</u>	<u>87:75</u>	<u>99:87</u>	<u>111:99</u>	<u>123:111</u>	<u>135:123</u>	<u>147:135</u>
6/30/2003	1.186	1.050	1.005	0.938	1.000	1.000	1.000	1.000	1.000	1.000	1.000
6/30/2004	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
6/30/2005	0.636	0.893	1.279	1.089	0.986	1.000	1.000	1.000	1.000	1.000	1.000
6/30/2006	1.100	0.908	0.826	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
6/30/2007	1.608	0.936	0.942	1.000	1.000	1.000	1.318	1.000	1.000	1.000	1.000
6/30/2008	0.942	0.465	0.994	2.008	1.000	1.000	1.000	1.126	1.223	0.726	1.000
6/30/2009	1.005	1.246	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
6/30/2010	1.289	1.034	1.780	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
6/30/2011	0.591	0.844	2.476	0.404	1.000	1.000	1.000	1.000	1.000	1.000	1.000
6/30/2012	1.271	0.816	1.113	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
6/30/2013	0.993	0.954	0.784	1.003	1.550	1.000	1.000	1.000	1.000	1.000	1.000
6/30/2014	1.022	0.535	1.272	1.061	1.230	1.000	1.000	1.000	1.000	1.000	1.000
6/30/2015	0.786	1.247	0.786	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
6/30/2016	0.920	1.000	0.463	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
6/30/2017	0.919	0.961	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
6/30/2018	1.113	1.001	1.333	0.956	1.000	1.000	1.000	1.000	1.000	1.000	1.000
6/30/2019	0.941	0.917	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
6/30/2020	0.958	0.864	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
6/30/2021	0.998	0.864	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
3 Yr Mean	0.966	0.927	1.111	0.985	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Best 3/5	0.966	0.959	0.929	1.000	1.077	1.000	1.000	1.000	1.000	1.000	1.000
6/30/2003	<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>255:243</u>	<u>267:255</u>	<u>279:267</u>
6/30/2004	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
6/30/2005	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
6/30/2006	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
6/30/2007	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
6/30/2008	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
6/30/2009	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
6/30/2010	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
3 Yr Mean	1.000	1.000	1.000	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	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>
6/30/2018					1.077	1.000	1.000	1.000	1.000	1.000	1.000
6/30/2019				1.000	1.077	1.000	1.000	1.000	1.000	1.000	1.000
6/30/2020			0.929	1.000	1.077	1.000	1.000	1.000	1.000	1.000	1.000
6/30/2021		0.959	0.929	1.000	1.077	1.000	1.000	1.000	1.000	1.000	1.000
6/30/2022	0.966	0.959	0.929	1.000	1.077	1.000	1.000	1.000	1.000	1.000	1.000
A.Y.E.	<u>147/159</u>	<u>159/171</u>	<u>171/183</u>	<u>183/195</u>	<u>195/207</u>	<u>207/219</u>	<u>219/231</u>	<u>231/243</u>	<u>243/255</u>	<u>255/267</u>	<u>267/279</u>
6/30/2018	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
6/30/2019	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
6/30/2020	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
6/30/2021	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
6/30/2022	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000

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
 UTAH
 Property Damage - Occurrence
 Incurred Accident Year ALAE Development

A.Y.E.	<u>15 Months</u>	<u>27 Months</u>	<u>39 Months</u>	<u>51 Months</u>	<u>63 Months</u>	<u>75 Months</u>	<u>87 Months</u>	<u>99 Months</u>	<u>111 Months</u>	<u>123 Months</u>	<u>135 Months</u>
6/30/2003	7,583	8,831	12,442	13,259	18,554	18,554	18,554	18,554	18,554	18,554	18,554
6/30/2004	16,511	25,008	24,408	24,408	24,408	24,408	24,408	24,408	24,408	24,408	24,408
6/30/2005	8,095	1,705	27,301	5,057	6,372	15,083	15,083	15,083	15,083	15,083	15,083
6/30/2006	1,498	15,556	24,273	25,101	25,447	25,447	25,447	25,447	25,447	25,447	25,447
6/30/2007	14,438	96,651	148,165	156,093	156,995	156,995	157,000	157,000	157,000	157,000	157,000
6/30/2008	114,577	68,989	10,702	10,702	88,222	26,603	31,027	32,003	57,035	67,838	57,617
6/30/2009	36,120	65,247	67,964	67,964	69,552	84,936	85,563	85,563	85,563	85,563	85,563
6/30/2010	12,894	191,624	197,907	270,662	270,662	270,662	270,662	270,662	270,662	270,662	270,662
6/30/2011	3,105	4,405	4,405	54,158	4,399	4,399	4,399	4,399	4,399	4,399	4,399
6/30/2012	17,095	48,369	86,352	91,295	87,522	87,522	87,522	87,522	87,522	87,522	87,522
6/30/2013	227,835	284,063	310,223	303,425	317,793	317,793	320,219	323,175	343,313	357,959	
6/30/2014	68,649	78,549	70,644	93,700	83,028	83,993	83,993	83,993	83,993		
6/30/2015	44,289	115,203	202,702	202,730	202,730	202,730	202,730	202,730			
6/30/2016	26,347	20,882	29,709	26,290	26,290	26,290	26,290				
6/30/2017	18,465	20,312	20,262	20,262	20,262	20,262					
6/30/2018	106,104	212,591	488,067	328,854	333,074						
6/30/2019	42,783	32,992	41,185	41,185							
6/30/2020	29,495	53,118	52,605								
6/30/2021	7,878	9,045									
6/30/2022	13,066										

A.Y.E	<u>147 Months</u>	<u>159 Months</u>	<u>171 Months</u>	<u>183 Months</u>	<u>195 Months</u>	<u>207 Months</u>	<u>219 Months</u>	<u>231 Months</u>	<u>243 Months</u>
6/30/2003	18,554	18,554	18,554	18,554	18,554	18,554	18,554	18,554	18554
6/30/2004	24,408	24,408	24,408	24,408	24,408	24,408	24,408	24408	
6/30/2005	15,083	15,083	15,083	15,083	15,083	15,083	15083		
6/30/2006	25,447	25,447	25,447	25,447	25,447	25447			
6/30/2007	157,000	157,000	157,000	157,000	157000				
6/30/2008	57,617	57,617	57,617	57617					
6/30/2009	85,563	85,563	85563						
6/30/2010	270,662	270662							
6/30/2011	4,399								

Premises / Operations (Subline Code 334)
 Owners, Landlords and Tenants
 Full Coverage
 UTAH
 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
6/30/2003	1,248	3,611	817	5,295	0	0	0	0	0	0	0	0	0
6/30/2004	8,497	-600	0	0	0	0	0	0	0	0	0	0	0
6/30/2005	-6,390	25,596	-22,244	1,315	8,711	0	0	0	0	0	0	0	0
6/30/2006	14,058	8,717	828	346	0	0	0	0	0	0	0	0	0
6/30/2007	82,213	51,514	7,928	902	0	5	0	0	0	0	0	0	0
6/30/2008	-45,588	-58,287	0	77,520	-61,619	4,424	976	25,032	10,803	-10,221	0	0	0
6/30/2009	29,127	2,717	0	1,588	15,384	627	0	0	0	0	0	0	0
6/30/2010	178,730	6,283	72,755	0	0	0	0	0	0	0	0	0	0
6/30/2011	1,300	0	49,753	-49,759	0	0	0	0	0	0	0	0	0
6/30/2012	31,274	37,983	4,943	-3,773	0	0	0	0	0	0	0	0	0
6/30/2013	56,228	26,160	-6,798	14,368	0	2,426	2,956	20,138	14,646				
6/30/2014	9,900	-7,905	23,056	-10,672	965	0	0	0					
6/30/2015	70,914	87,499	28	0	0	0	0						
6/30/2016	-5,465	8,827	-3,419	0	0	0							
6/30/2017	1,847	-50	0	0	0								
6/30/2018	106,487	275,476	-159,213	4,220									
6/30/2019	-9,791	8,193	0										
6/30/2020	23,623	-513											
6/30/2021	1,167												

Incremental Percentages													
<u>A.Y.E.</u>	<u>27:15</u>	<u>39:27</u>	<u>51:39</u>	<u>63:51</u>	<u>75:63</u>	<u>87:75</u>	<u>99:87</u>	<u>111:99</u>	<u>123:111</u>	<u>135:123</u>	<u>147:135</u>	<u>159:147</u>	<u>171:159</u>
6/30/2003	0.0153	0.0444	0.0100	0.0651	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
6/30/2004	0.0340	-0.0024	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
6/30/2005	-0.0352	0.1408	-0.1224	0.0072	0.0479	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
6/30/2006	0.3830	0.2375	0.0226	0.0094	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
6/30/2007	0.1857	0.1163	0.0179	0.0020	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
6/30/2008	-0.2089	-0.2671	0.0000	0.3553	-0.2824	0.0203	0.0045	0.1147	0.0495	-0.0468	0.0000	0.0000	0.0000
6/30/2009	0.0368	0.0034	0.0000	0.0020	0.0194	0.0008	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
6/30/2010	0.7113	0.0250	0.2895	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
6/30/2011	0.0190	0.0000	0.7255	-0.7256	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
6/30/2012	0.0997	0.1211	0.0158	-0.0120	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
6/30/2013	0.0811	0.0377	-0.0098	0.0207	0.0000	0.0035	0.0043	0.0290	0.0211				
6/30/2014	0.0453	-0.0362	0.1056	-0.0489	0.0044	0.0000	0.0000	0.0000	0.0000				
6/30/2015	0.4413	0.5445	0.0002	0.0000	0.0000	0.0000	0.0000						
6/30/2016	-0.0614	0.0991	-0.0384	0.0000	0.0000	0.0000							
6/30/2017	0.0087	-0.0002	0.0000	0.0000	0.0000								
6/30/2018	0.1116	0.2887	-0.1669	0.0044									
6/30/2019	-0.0311	0.0260	0.0000										
6/30/2020	0.2569	-0.0056											
6/30/2021	0.0104												

Best 3/5	0.0436	0.0416	-0.0128	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	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
6/30/2003	173,386,489	232,410,552	283,395,421	289,899,428	285,163,748	280,166,110	277,926,795	275,271,976	274,668,439	274,858,676	274,764,291
6/30/2004	186,731,703	257,070,941	273,269,465	280,447,371	280,577,279	277,447,492	275,058,503	273,431,844	273,349,556	272,690,425	272,472,888
6/30/2005	197,114,345	231,307,824	263,064,230	270,385,347	272,946,873	268,285,532	265,923,821	264,993,809	264,244,670	264,552,447	264,926,904
6/30/2006	185,569,172	246,906,146	279,114,129	287,912,341	283,092,034	277,358,525	274,666,529	274,074,647	273,456,843	273,014,386	272,716,395
6/30/2007	221,995,528	283,004,895	303,918,909	306,393,293	299,757,528	294,292,179	291,855,771	290,511,100	289,528,887	289,404,699	289,470,342
6/30/2008	244,806,536	295,575,943	321,203,401	324,768,778	318,486,843	313,246,420	311,228,555	310,118,794	309,809,044	309,256,240	309,166,518
6/30/2009	251,338,649	309,283,893	339,796,994	338,566,785	332,361,062	329,487,334	326,678,256	324,673,779	323,639,369	323,440,434	323,914,941
6/30/2010	263,760,682	331,954,454	367,296,981	368,834,886	362,504,389	358,364,746	355,542,393	354,438,113	354,147,449	353,915,856	353,790,502
6/30/2011	298,614,507	373,114,956	409,068,564	415,264,114	406,387,670	400,797,586	397,086,760	395,766,724	395,457,398	395,129,114	395,053,882
6/30/2012	251,742,371	315,431,256	350,802,981	351,874,652	347,373,993	344,430,960	343,896,973	344,250,806	343,277,298	342,882,675	342,964,546
6/30/2013	251,119,270	322,093,872	349,545,331	352,837,511	354,251,489	354,042,219	353,632,680	352,881,691	352,724,982	352,207,103	
6/30/2014	286,260,228	360,424,970	407,249,942	436,475,689	438,621,020	438,883,514	436,950,419	435,296,131	435,259,958		
6/30/2015	253,445,090	337,349,201	406,263,702	433,160,526	437,248,406	435,852,365	434,194,816	434,451,705			
6/30/2016	231,551,963	331,456,578	395,837,388	420,762,280	423,804,671	423,550,706	422,015,658				
6/30/2017	254,210,281	366,640,610	440,250,728	465,759,878	472,241,590	472,781,800					
6/30/2018	300,589,880	415,468,148	491,774,048	521,009,370	525,500,470						
6/30/2019	288,771,032	405,581,714	472,136,465	497,176,978							
6/30/2020	227,849,166	311,097,997	359,614,878								
6/30/2021	211,047,150	291,523,951									
6/30/2022	237,405,329										

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

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

	Link Ratios										
A.Y.E.	<u>27:15</u>	<u>39:27</u>	<u>51:39</u>	<u>63:51</u>	<u>75:63</u>	<u>87:75</u>	<u>99:87</u>	<u>111:99</u>	<u>123:111</u>	<u>135:123</u>	<u>147:135</u>
6/30/2003	1.340	1.219	1.023	0.984	0.982	0.992	0.990	0.998	1.001	1.000	1.000
6/30/2004	1.377	1.063	1.026	1.000	0.989	0.991	0.994	1.000	0.998	0.999	1.000
6/30/2005	1.173	1.137	1.028	1.009	0.983	0.991	0.997	0.997	1.001	1.001	1.000
6/30/2006	1.331	1.130	1.032	0.983	0.980	0.990	0.998	0.998	0.998	0.999	1.000
6/30/2007	1.275	1.074	1.008	0.978	0.982	0.992	0.995	0.997	1.000	1.000	0.999
6/30/2008	1.207	1.087	1.011	0.981	0.984	0.994	0.996	0.999	0.998	1.000	1.001
6/30/2009	1.231	1.099	0.996	0.982	0.991	0.991	0.994	0.997	0.999	1.001	1.000
6/30/2010	1.259	1.106	1.004	0.983	0.989	0.992	0.997	0.999	0.999	1.000	1.000
6/30/2011	1.249	1.096	1.015	0.979	0.986	0.991	0.997	0.999	0.999	1.000	1.001
6/30/2012	1.253	1.112	1.003	0.987	0.992	0.998	1.001	0.997	0.999	1.000	
6/30/2013	1.283	1.085	1.009	1.004	0.999	0.999	0.998	1.000	0.999		
6/30/2014	1.259	1.130	1.072	1.005	1.001	0.996	0.996	1.000			
6/30/2015	1.331	1.204	1.066	1.009	0.997	0.996	1.001				
6/30/2016	1.431	1.194	1.063	1.007	0.999	0.996					
6/30/2017	1.442	1.201	1.058	1.014	1.001						
6/30/2018	1.382	1.184	1.059	1.009							
6/30/2019	1.405	1.164	1.053								
6/30/2020	1.365	1.156									
6/30/2021	1.381										
3 Yr Mean	1.384	1.168	1.057	1.010	0.999	0.996	0.998	0.999	0.999	1.000	1.000
Best 3/5	1.389	1.181	1.060	1.008	1.000	0.997	0.999	0.999	0.999	1.000	1.000
A.Y.E.	<u>159:147</u>	<u>171:159</u>	<u>183:171</u>	<u>195:183</u>	<u>207:195</u>	<u>219:207</u>	<u>231:219</u>	<u>243:231</u>			
6/30/2003	1.000	1.001	1.000	1.000	1.002	1.001	1.001	1.001			
6/30/2004	1.000	1.000	0.999	1.000	1.000	1.001	1.001	1.001			
6/30/2005	1.000	1.001	1.002	1.000	1.001	1.001	1.001	1.001			
6/30/2006	0.999	1.000	1.002	1.002	1.001	1.001	1.001	1.001			
6/30/2007	1.002	1.001	1.001	1.001	1.000	1.001	1.001	1.001			
6/30/2008	1.001	1.001	1.000								
6/30/2009	1.000	1.001									
6/30/2010	1.000										
3 Yr Mean	1.000	1.001	1.001	1.001	1.001	1.001	1.001	1.001			
Best 3/5	1.000	1.001	1.001	1.000	1.001	1.001	1.001	1.001			
A.Y.E.	<u>15/ 27</u>	<u>27/ 39</u>	<u>39/ 51</u>	<u>51/ 63</u>	<u>63/ 75</u>	<u>75/ 87</u>	<u>87/ 99</u>	<u>99/111</u>	<u>111/123</u>	<u>123/135</u>	<u>135/147</u>
6/30/2018					1.000	0.997	0.999	0.999	0.999	1.000	1.000
6/30/2019				1.008	1.000	0.997	0.999	0.999	0.999	1.000	1.000
6/30/2020			1.060	1.008	1.000	0.997	0.999	0.999	0.999	1.000	1.000
6/30/2021		1.181	1.060	1.008	1.000	0.997	0.999	0.999	0.999	1.000	1.000
6/30/2022	1.389	1.181	1.060	1.008	1.000	0.997	0.999	0.999	0.999	1.000	1.000
A.Y.E	<u>147/159</u>	<u>159/171</u>	<u>171/183</u>	<u>183/195</u>	<u>195/207</u>	<u>207/219</u>	<u>219/231</u>	<u>231/243</u>	<u>243/U1t</u>		FACTORS
6/30/2018	1.000	1.001	1.001	1.000	1.001	1.001	1.001	1.001	1.004		1.004
6/30/2019	1.000	1.001	1.001	1.000	1.001	1.001	1.001	1.001	1.004		1.012
6/30/2020	1.000	1.001	1.001	1.000	1.001	1.001	1.001	1.001	1.004		1.073
6/30/2021	1.000	1.001	1.001	1.000	1.001	1.001	1.001	1.001	1.004		1.267
6/30/2022	1.000	1.001	1.001	1.000	1.001	1.001	1.001	1.001	1.004		1.760

Bold - Calculated Using Modified Bondy Method

Italics - Three year mean Excludes Modified Bondy ratios

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

\$100,000 Basic Limit Losses as of :

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

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

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

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

Bold - Calculated Using Modified Bondy Method

Italics - Three year mean Excludes Modified Bondy ratios

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

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

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

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

Incremental Percentages													
A.Y.E.	<u>27:15</u>	<u>39:27</u>	<u>51:39</u>	<u>63:51</u>	<u>75:63</u>	<u>87:75</u>	<u>99:87</u>	<u>111:99</u>	<u>123:111</u>	<u>135:123</u>	<u>147:135</u>	<u>159:147</u>	<u>171:159</u>
6/30/2003	0.0640	0.0801	0.0624	0.0396	0.0116	0.0079	0.0023	0.0050	0.0032	0.0007	0.0020	0.0011	0.0003
6/30/2004	0.0709	0.0776	0.0587	0.0213	0.0138	0.0047	0.0041	0.0022	0.0026	0.0018	0.0008	0.0013	0.0004
6/30/2005	0.0638	0.0749	0.0596	0.0321	0.0166	0.0080	0.0043	0.0025	0.0027	0.0019	-0.0009	0.0011	0.0042
6/30/2006	0.0655	0.0739	0.0614	0.0255	0.0159	0.0080	0.0024	0.0043	0.0027	0.0007	0.0022	0.0001	0.0008
6/30/2007	0.0740	0.0694	0.0598	0.0292	0.0128	0.0037	0.0037	0.0051	0.0000	0.0010	-0.0001	0.0005	0.0005
6/30/2008	0.0646	0.0888	0.0564	0.0352	0.0170	0.0092	0.0050	0.0007	0.0007	0.0012	0.0003	0.0014	0.0012
6/30/2009	0.0645	0.0844	0.0687	0.0291	0.0128	0.0082	0.0045	0.0046	0.0015	0.0126	0.0012	0.0009	0.0017
6/30/2010	0.0649	0.0834	0.0562	0.0265	0.0130	0.0064	0.0034	0.0054	0.0025	0.0002	0.0025	0.0007	
6/30/2011	0.0708	0.0872	0.0578	0.0278	0.0137	0.0064	0.0023	-0.0008	0.0018	0.0012	0.0008		
6/30/2012	0.0732	0.0857	0.0603	0.0312	0.0150	0.0065	0.0037	0.0035	0.0021	0.0005			
6/30/2013	0.0775	0.0836	0.0637	0.0335	0.0126	0.0055	0.0049	0.0017	0.0025				
6/30/2014	0.0673	0.0788	0.0607	0.0299	0.0175	0.0079	0.0028	0.0035					
6/30/2015	0.0632	0.0783	0.0549	0.0253	0.0094	0.0069	0.0057						
6/30/2016	0.0659	0.0798	0.0540	0.0222	0.0110	0.0088							
6/30/2017	0.0553	0.0701	0.0450	0.0264	0.0164								
6/30/2018	0.0561	0.0663	0.0514	0.0297									
6/30/2019	0.0525	0.0609	0.0444										
6/30/2020	0.0555	0.0607											
6/30/2021	0.0519												

Best 3/5	0.0544	0.0658	0.0501	0.0271	0.0133	0.0071	0.0038	0.0029	0.0021	0.0010	0.0008	0.0007	0.0012
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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>
6/30/2003	25,329,563	28,457,741	31,112,302	31,451,974	33,879,074	33,626,766	33,619,575	33,712,021	33,278,892	33,701,030	33,830,962
6/30/2004	24,581,165	28,390,157	28,872,404	30,115,386	31,538,423	31,903,425	31,591,645	31,500,435	31,685,374	31,772,972	31,877,284
6/30/2005	25,102,916	26,707,044	29,299,618	29,797,784	30,453,242	30,589,016	30,667,678	30,767,966	30,875,984	31,241,324	31,134,162
6/30/2006	24,207,430	26,436,340	27,833,295	28,140,091	28,537,399	28,739,313	28,999,486	29,291,554	29,402,821	29,249,127	29,140,054
6/30/2007	25,218,454	27,250,578	28,991,329	29,457,589	30,041,914	30,123,992	30,202,870	30,482,626	31,015,832	30,890,267	30,948,488
6/30/2008	28,412,877	30,759,458	31,051,068	30,921,659	31,811,282	31,988,384	32,293,702	32,138,258	32,370,067	32,628,319	32,585,861
6/30/2009	30,119,729	30,970,723	31,939,056	32,453,879	32,629,376	32,917,618	32,844,531	32,650,259	32,879,624	33,316,464	33,400,779
6/30/2010	30,145,585	33,855,493	35,883,116	36,061,667	36,534,538	36,514,305	36,540,013	36,644,285	36,771,010	36,638,316	36,806,315
6/30/2011	36,945,029	40,395,897	41,661,220	41,885,378	41,764,855	41,653,180	42,045,703	42,632,155	42,659,263	42,830,927	42,909,382
6/30/2012	36,478,559	38,708,680	40,080,014	40,552,314	40,713,338	40,499,827	40,952,256	41,058,118	41,273,700	41,330,543	41,374,495
6/30/2013	33,970,470	36,576,153	38,415,724	39,063,600	39,787,927	40,244,073	40,674,785	40,824,573	41,099,554	40,895,279	
6/30/2014	39,014,308	42,420,860	43,322,889	45,048,702	45,062,621	45,561,418	46,052,440	46,105,340	46,271,026		
6/30/2015	38,850,850	41,982,221	43,429,878	46,162,307	47,900,241	47,661,230	48,039,410	48,260,362			
6/30/2016	31,562,026	36,677,827	40,439,101	41,048,459	41,873,471	42,009,747	42,317,103				
6/30/2017	35,035,243	39,919,649	43,330,895	44,849,121	45,281,151	45,153,170					
6/30/2018	36,345,067	44,899,412	48,410,191	50,133,474	50,922,288						
6/30/2019	38,593,697	43,836,842	46,502,863	49,063,280							
6/30/2020	34,399,276	37,943,358	40,511,673								
6/30/2021	32,957,346	36,921,800									
6/30/2022	33,194,990										

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

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

Link Ratios											
A.Y.E.	<u>27:15</u>	<u>39:27</u>	<u>51:39</u>	<u>63:51</u>	<u>75:63</u>	<u>87:75</u>	<u>99:87</u>	<u>111:99</u>	<u>123:111</u>	<u>135:123</u>	<u>147:135</u>
6/30/2003	1.123	1.093	1.011	1.077	0.993	1.000	1.003	0.987	1.013	1.004	1.003
6/30/2004	1.155	1.017	1.043	1.047	1.012	0.990	0.997	1.006	1.003	1.003	1.006
6/30/2005	1.064	1.097	1.017	1.022	1.004	1.003	1.003	1.004	1.012	0.997	0.996
6/30/2006	1.092	1.053	1.011	1.014	1.007	1.009	1.010	1.004	0.995	0.996	1.003
6/30/2007	1.081	1.064	1.016	1.020	1.003	1.003	1.009	1.017	0.996	1.002	0.996
6/30/2008	1.083	1.009	0.996	1.029	1.006	1.010	0.995	1.007	1.008	0.999	1.000
6/30/2009	1.028	1.031	1.016	1.005	1.009	0.998	0.994	1.007	1.013	1.003	1.015
6/30/2010	1.123	1.060	1.005	1.013	0.999	1.001	1.003	1.003	0.996	1.005	1.006
6/30/2011	1.093	1.031	1.005	0.997	0.997	1.009	1.014	1.001	1.004	1.002	1.001
6/30/2012	1.061	1.035	1.012	1.004	0.995	1.011	1.003	1.005	1.001	1.001	
6/30/2013	1.077	1.050	1.017	1.019	1.011	1.011	1.004	1.007	0.995		
6/30/2014	1.087	1.021	1.040	1.000	1.011	1.011	1.001	1.004			
6/30/2015	1.081	1.034	1.063	1.038	0.995	1.008	1.005				
6/30/2016	1.162	1.103	1.015	1.020	1.003	1.007					
6/30/2017	1.139	1.085	1.035	1.010	0.997						
6/30/2018	1.235	1.078	1.036	1.016							
6/30/2019	1.136	1.061	1.055								
6/30/2020	1.103	1.068									
6/30/2021	1.120										
3 Yr Mean	1.120	1.069	1.042	1.015	0.998	1.009	1.003	1.005	1.000	1.003	1.007
Best 3/5	1.132	1.077	1.042	1.015	1.004	1.010	1.004	1.004	1.000	1.002	1.002
Development From											
A.Y.E.	<u>15/ 27</u>	<u>27/ 39</u>	<u>39/ 51</u>	<u>51/ 63</u>	<u>63/ 75</u>	<u>75/ 87</u>	<u>87/ 99</u>	<u>99/111</u>	<u>111/123</u>	<u>123/135</u>	<u>135/147</u>
6/30/2003	1.003	1.001	1.002	1.001	1.001	0.999	1.003	1.002			
6/30/2004	1.001	1.002	1.001	1.003	1.003	1.000	1.003	1.001			
6/30/2005	1.000	0.994	1.000	1.002	1.001	1.002	1.000	1.001			
6/30/2006	0.996	1.002	1.003	1.000	1.001	1.001	1.000	1.001			
6/30/2007	0.999	1.006	1.000	1.000	1.001	1.001	1.000	1.001			
6/30/2008	0.999	1.000	1.006								
6/30/2009	1.009	0.998									
6/30/2010	0.998										
3 Yr Mean	1.002	1.001	1.003	1.001	1.002	1.000	1.003	1.002			
Best 3/5	0.999	1.000	1.001	1.001	1.001	1.001	1.001	1.001			
FACTORS											
A.Y.E	<u>147/159</u>	<u>159/171</u>	<u>171/183</u>	<u>183/195</u>	<u>195/207</u>	<u>207/219</u>	<u>219/231</u>	<u>231/243</u>	<u>243/255</u>		
6/30/2018	0.999	1.000	1.001	1.001	1.001	1.001	1.001	1.001	1.005		1.037
6/30/2019	0.999	1.000	1.001	1.001	1.001	1.001	1.001	1.001	1.005		1.052
6/30/2020	0.999	1.000	1.001	1.001	1.001	1.001	1.001	1.001	1.005		1.096
6/30/2021	0.999	1.000	1.001	1.001	1.001	1.001	1.001	1.001	1.005		1.181
6/30/2022	0.999	1.000	1.001	1.001	1.001	1.001	1.001	1.001	1.005		1.337

Bold - Calculated Using Modified Bondy Method

Italics - Three year mean Excludes Modified Bondy ratios

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

\$100,000 Basic Limit Losses as of :

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

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

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

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

Bold - Calculated Using Modified Bondy Method

Italics - Three year mean Excludes Modified Bondy ratios

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

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

<u>A.Y.E.</u>	<u>147 Months</u>	<u>159 Months</u>	<u>171 Months</u>	<u>183 Months</u>	<u>195 Months</u>	<u>207 Months</u>	<u>219 Months</u>	<u>231 Months</u>	<u>243 Months</u>
6/30/2003	20,208,931	20,287,755	20,206,358	20,245,993	20,265,834	20,283,800	20,327,683	20,446,648	20,476,807
6/30/2004	20,789,690	20,859,007	20,929,699	20,836,339	20,966,566	21,070,079	21,086,720	21,117,301	
6/30/2005	24,336,158	24,705,619	24,846,536	24,949,660	25,038,136	25,076,614	25,307,610		
6/30/2006	23,124,214	22,995,183	23,199,732	23,423,279	23,507,300	23,559,881			
6/30/2007	22,207,883	22,344,036	22,378,522	22,386,234	22,414,165				
6/30/2008	25,459,907	25,552,554	25,979,675	26,238,523					
6/30/2009	21,252,766	21,507,910	21,666,982						
6/30/2010	27,602,077	27,938,752							
6/30/2011	28,128,913								

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

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

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

Best 3/5	0.0751	0.0814	0.0686	0.0421	0.0327	0.0099	0.0190	0.0115	0.0106	0.0104	0.0051	0.0038	0.0042
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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>
6/30/2003	9,597,076	11,796,173	16,464,209	15,754,789	15,424,472	15,392,986	14,409,087	14,067,760	14,271,692	14,199,561	14,224,228
6/30/2004	14,491,977	18,637,604	16,238,032	16,474,308	15,932,318	15,617,648	15,773,881	15,723,422	15,799,076	15,685,933	15,650,138
6/30/2005	12,579,860	16,724,018	18,716,761	18,100,549	17,751,193	17,654,025	17,246,372	17,305,295	17,301,328	17,500,084	17,493,802
6/30/2006	18,530,252	22,085,671	22,858,293	21,743,306	20,915,867	20,526,362	20,103,853	20,219,131	20,012,195	19,908,851	19,933,847
6/30/2007	17,297,453	20,896,421	21,597,832	21,357,578	20,864,755	20,241,312	20,166,712	20,311,771	20,379,329	20,642,277	20,665,127
6/30/2008	16,297,013	17,538,492	17,425,204	17,346,789	16,989,386	16,993,760	17,393,252	17,505,342	17,439,276	17,489,244	17,350,067
6/30/2009	13,176,347	14,844,726	14,518,830	14,480,151	15,111,762	14,980,856	15,003,410	14,840,083	14,674,489	14,844,488	14,888,584
6/30/2010	11,238,038	13,706,973	14,253,861	13,606,085	13,545,245	13,431,440	13,307,383	13,286,272	13,413,426	13,666,354	13,606,215
6/30/2011	9,546,482	10,453,166	11,123,380	11,646,639	11,538,819	11,219,001	11,198,493	10,993,936	11,286,230	11,382,221	11,327,222
6/30/2012	8,125,659	9,903,689	10,120,287	10,392,187	10,697,017	10,119,120	10,293,380	10,436,744	10,359,384	10,306,590	10,364,809
6/30/2013	8,445,634	9,342,243	10,461,792	10,507,487	10,771,956	10,759,947	10,697,583	10,769,114	10,879,094	11,268,259	
6/30/2014	7,299,592	10,129,938	13,027,033	13,588,079	13,991,459	14,412,467	14,349,678	14,692,403	14,919,895		
6/30/2015	8,448,164	10,693,624	13,543,212	15,624,493	16,532,341	16,642,554	17,220,422	17,799,570			
6/30/2016	9,534,596	12,298,954	16,061,950	16,190,450	15,940,769	16,279,682	16,526,537				
6/30/2017	9,268,768	12,628,640	13,971,334	14,372,617	15,160,283	15,966,845					
6/30/2018	10,749,730	13,798,660	14,955,891	16,142,549	17,097,818						
6/30/2019	8,223,094	10,477,698	12,901,861	15,216,036							
6/30/2020	7,355,130	11,461,694	14,130,431								
6/30/2021	8,634,495	12,128,016									
6/30/2022	10,930,425										

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

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

	Link Ratios										
A.Y.E.	<u>27:15</u>	<u>39:27</u>	<u>51:39</u>	<u>63:51</u>	<u>75:63</u>	<u>87:75</u>	<u>99:87</u>	<u>111:99</u>	<u>123:111</u>	<u>135:123</u>	<u>147:135</u>
6/30/2003	1.229	1.396	0.957	0.979	0.998	0.936	0.976	1.014	0.995	1.002	0.997
6/30/2004	1.286	0.871	1.015	0.967	0.980	1.010	0.997	1.005	0.993	0.998	0.992
6/30/2005	1.329	1.119	0.967	0.981	0.995	0.977	1.003	1.000	1.011	1.000	0.991
6/30/2006	1.192	1.035	0.951	0.962	0.981	0.979	1.006	0.990	0.995	1.001	1.010
6/30/2007	1.208	1.034	0.989	0.977	0.970	0.996	1.007	1.003	1.013	1.001	0.998
6/30/2008	1.076	0.994	0.995	0.979	1.000	1.024	1.006	0.996	1.003	0.992	0.994
6/30/2009	1.127	0.978	0.997	1.044	0.991	1.002	0.989	0.989	1.012	1.003	1.002
6/30/2010	1.220	1.040	0.955	0.996	0.992	0.991	0.998	1.010	1.019	0.996	1.007
6/30/2011	1.095	1.064	1.047	0.991	0.972	0.998	0.982	1.027	1.009	0.995	1.000
6/30/2012	1.219	1.022	1.027	1.029	0.946	1.017	1.014	0.993	0.995	1.006	
6/30/2013	1.106	1.120	1.004	1.025	0.999	0.994	1.007	1.010	1.036		
6/30/2014	1.388	1.286	1.043	1.030	1.030	0.996	1.024	1.015			
6/30/2015	1.266	1.266	1.154	1.058	1.007	1.035	1.034				
6/30/2016	1.290	1.306	1.008	0.985	1.021	1.015					
6/30/2017	1.362	1.106	1.029	1.055	1.053						
6/30/2018	1.284	1.084	1.079	1.059							
6/30/2019	1.274	1.231	1.179								
6/30/2020	1.558	1.233									
6/30/2021	1.405										
3 Yr Mean	1.412	1.183	1.096	1.033	1.027	1.015	1.022	1.006	1.013	0.999	1.003
Best 3/5	1.350	1.190	1.087	1.048	1.019	1.009	1.015	1.012	1.013	0.998	1.000
A.Y.E.	<u>159:147</u>	<u>171:159</u>	<u>183:171</u>	<u>195:183</u>	<u>207:195</u>	<u>219:207</u>	<u>231:219</u>	<u>243:231</u>			
6/30/2003	0.998	1.000	1.000	0.995	1.000	1.000	1.000	0.997			
6/30/2004	1.000	1.003	1.001	1.000	1.000	1.004	1.005	1.000			
6/30/2005	1.006	1.006	0.994	1.006	0.998	1.000	1.000	1.000			
6/30/2006	0.993	1.000	1.000	1.000	1.000	1.000	1.000	1.000			
6/30/2007	0.998	1.005	1.001	1.002	1.001	1.000	1.000	1.000			
6/30/2008	1.007	1.004	1.000								
6/30/2009	1.006	0.993									
6/30/2010	0.997										
3 Yr Mean	1.003	1.001	1.000	1.003	0.999	1.001	1.003	0.997			
Best 3/5	1.000	1.003	1.000	1.001	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>
6/30/2018					1.019	1.009	1.015	1.012	1.013	0.998	1.000
6/30/2019				1.048	1.019	1.009	1.015	1.012	1.013	0.998	1.000
6/30/2020			1.087	1.048	1.019	1.009	1.015	1.012	1.013	0.998	1.000
6/30/2021		1.190	1.087	1.048	1.019	1.009	1.015	1.012	1.013	0.998	1.000
6/30/2022	1.350	1.190	1.087	1.048	1.019	1.009	1.015	1.012	1.013	0.998	1.000
A.Y.E	<u>147/159</u>	<u>159/171</u>	<u>171/183</u>	<u>183/195</u>	<u>195/207</u>	<u>207/219</u>	<u>219/231</u>	<u>231/243</u>	<u>243/U1t</u>		FACTORS
6/30/2018	1.000	1.003	1.000	1.001	1.000	1.000	1.000	1.000	1.000		1.072
6/30/2019	1.000	1.003	1.000	1.001	1.000	1.000	1.000	1.000	1.000		1.123
6/30/2020	1.000	1.003	1.000	1.001	1.000	1.000	1.000	1.000	1.000		1.221
6/30/2021	1.000	1.003	1.000	1.001	1.000	1.000	1.000	1.000	1.000		1.453
6/30/2022	1.000	1.003	1.000	1.001	1.000	1.000	1.000	1.000	1.000		1.962

Bold - Calculated Using Modified Bondy Method

Italics - Three year mean Excludes Modified Bondy ratios

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

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

<u>A.Y.E.</u>	<u>147 Months</u>	<u>159 Months</u>	<u>171 Months</u>	<u>183 Months</u>	<u>195 Months</u>	<u>207 Months</u>	<u>219 Months</u>	<u>231 Months</u>	<u>243 Months</u>
6/30/2003	28,207,169	28,278,246	28,296,759	27,964,930	27,904,095	27,893,509	27,893,509	27,896,829	27,885,869
6/30/2004	16,225,458	16,388,549	16,404,101	16,450,945	16,486,814	16,490,126	16,492,329	16,520,725	
6/30/2005	19,047,676	20,420,898	20,738,522	21,148,619	21,283,037	21,286,943	21,286,943		
6/30/2006	18,332,637	18,420,943	18,351,447	18,361,771	18,361,825	18,361,825			
6/30/2007	18,298,073	18,393,109	18,138,269	18,148,115	18,240,989				
6/30/2008	16,425,883	16,425,881	16,375,390	16,375,390					
6/30/2009	14,901,685	15,387,800	16,929,376						
6/30/2010	31,547,535	31,616,948							
6/30/2011	30,344,599								

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

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

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

Best 3/5	0.1864	0.1295	0.1070	0.0911	0.0607	0.0477	0.0424	0.0232	0.0148	0.0272	0.0014	0.0031	0.0020
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Multistate Review of ULAE Experience
General Liability Including CMP Liability
Loss Adjustment Expense Special Call
Calendar Years 2017 - 2021

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

Notes: All dollar amounts are displayed in thousands.

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

PREMISES / OPERATIONS
TREND SUMMARY
AVERAGE ANNUAL PERCENT CHANGES

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

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

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

(4)	<u>TOTAL ANNUAL NET TREND</u>	+ 0.7%	+ 6.3%
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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 6/30/2020, 6/30/2021 & 6/30/2022

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

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

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

<u>TYPE OF CLASS</u>	<u>VOLUME</u> ²	<u>INFLATION TREND</u> ³
FURNITURE	10.9%	+ 2.8%
OTHER DURABLES	7.1%	+ 0.4%
CLOTHING	10.3%	+ 0.7%
FOOD	40.8%	+ 4.4%
OTHER NON-DURABLES	27.5%	+ 2.5%
RECREATION SERVICES	3.4%	+ 3.4%
TOTAL	100.0%	+ 3.0% 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 6/30/2022. Inflation adjusted GDP is measured in terms of 2012 prices.

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

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

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

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

Change In Exposures *

Average Annual Trend Factor

1/1/2019 to 1/1/2025

(2025:2/2019:2)

1.182

1.026

1.041

1.296

1.159

1.220

1/1/2019 to 1/1/2025

(6.0 YEARS)

+ 2.8%

+ 0.4%

+ 0.7%

+ 4.4%

+ 2.5%

+ 3.4%

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

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

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

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

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

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

(1) 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
12/31/2012	\$196,706,327	3,389	\$58,039	\$55,934		
6/30/2013	\$200,255,202	3,442	\$58,181	\$57,494		
12/31/2013	\$206,175,373	3,531	\$58,382	\$59,097		
6/30/2014	\$233,911,110	3,788	\$61,747	\$60,744		
12/31/2014	\$229,679,345	3,596	\$63,868	\$62,438	\$61,449	
6/30/2015	\$212,018,727	3,393	\$62,496	\$64,179	\$63,269	
12/31/2015	\$211,682,444	3,284	\$64,454	\$65,968	\$65,143	
6/30/2016	\$212,842,758	3,008	\$70,766	\$67,807	\$67,072	
12/31/2016	\$215,596,117	3,056	\$70,549	\$69,698	\$69,058	\$67,273
6/30/2017	\$215,311,127	3,057	\$70,441	\$71,641	\$71,104	\$69,523
12/31/2017	\$222,123,450	3,058	\$72,641	\$73,639	\$73,209	\$71,848
6/30/2018	\$226,136,027	3,114	\$72,608	\$75,692	\$75,378	\$74,251
12/31/2018	\$224,872,166	3,031	\$74,194	\$77,802	\$77,610	\$76,734
6/30/2019	\$223,152,028	2,899	\$76,962	\$79,971	\$79,908	\$79,301
12/31/2019	\$216,537,605	2,854	\$75,884	\$82,201	\$82,275	\$81,953
6/30/2020	\$203,420,430	2,473	\$82,246	\$84,493	\$84,712	\$84,694
12/31/2020	\$194,664,097	2,193	\$88,765	\$86,848	\$87,220	\$87,527
6/30/2021	\$229,044,745	2,320	\$98,721	\$89,270	\$89,803	\$90,454
12/31/2021	\$235,260,767	2,218	\$106,060	\$91,759	\$92,463	\$93,480
6/30/2022	\$193,876,106	2,234	\$86,790	\$94,317	\$95,201	\$96,606
Goodness of Fit Statistic, R-Squared:				0.864	0.809	0.735
Average Annual Severity Trend (10 yr)				+ 5.7%		
Average Annual Severity Trend (8 yr)				+ 6.0%		
Average Annual Severity Trend (6 yr)				+ 6.8%		
Selected Annual Severity Trend				+ 6.5%		

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

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

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

(1) 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
12/31/2012	\$165,755,975	13,918	\$11,910	\$12,573		
6/30/2013	\$168,559,768	13,312	\$12,662	\$12,838		
12/31/2013	\$160,326,139	12,552	\$12,772	\$13,108		
6/30/2014	\$169,674,921	12,313	\$13,780	\$13,385		
12/31/2014	\$171,383,364	12,219	\$14,026	\$13,667	\$13,956	
6/30/2015	\$175,029,826	11,948	\$14,650	\$13,955	\$14,219	
12/31/2015	\$179,656,066	11,935	\$15,053	\$14,249	\$14,486	
6/30/2016	\$177,721,024	12,030	\$14,773	\$14,550	\$14,758	
12/31/2016	\$176,495,515	12,161	\$14,513	\$14,857	\$15,035	\$14,604
6/30/2017	\$177,486,785	12,190	\$14,560	\$15,170	\$15,317	\$14,940
12/31/2017	\$187,022,484	11,921	\$15,688	\$15,490	\$15,605	\$15,284
6/30/2018	\$189,959,329	11,897	\$15,967	\$15,816	\$15,898	\$15,636
12/31/2018	\$191,639,127	11,851	\$16,171	\$16,150	\$16,197	\$15,997
6/30/2019	\$189,038,959	11,693	\$16,167	\$16,490	\$16,501	\$16,365
12/31/2019	\$195,082,090	11,579	\$16,848	\$16,838	\$16,811	\$16,742
6/30/2020	\$184,647,304	10,677	\$17,293	\$17,193	\$17,127	\$17,128
12/31/2020	\$169,390,827	10,002	\$16,936	\$17,555	\$17,449	\$17,523
6/30/2021	\$177,673,366	10,147	\$17,510	\$17,926	\$17,777	\$17,926
12/31/2021	\$180,733,475	9,847	\$18,354	\$18,304	\$18,110	\$18,339
6/30/2022	\$187,830,764	9,742	\$19,280	\$18,690	\$18,451	\$18,762
Goodness of Fit Statistic, R-Squared:				0.946	0.922	0.941
Average Annual Severity Trend (10 yr)				+ 4.3%		
Average Annual Severity Trend (8 yr)				+ 3.8%		
Average Annual Severity Trend (6 yr)				+ 4.7%		
Selected Annual Severity Trend				+ 4.5%		

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

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

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

(1) 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
12/31/2012	\$15,678,222	440	\$35,607	\$42,416		
6/30/2013	\$18,309,267	410	\$44,608	\$41,830		
12/31/2013	\$25,670,892	454	\$56,511	\$41,251		
6/30/2014	\$20,857,991	498	\$41,888	\$40,681		
12/31/2014	\$16,207,745	488	\$33,186	\$40,119	\$37,914	
6/30/2015	\$19,826,522	496	\$39,941	\$39,564	\$37,600	
12/31/2015	\$18,355,444	510	\$35,988	\$39,017	\$37,288	
6/30/2016	\$21,416,858	503	\$42,543	\$38,478	\$36,978	
12/31/2016	\$19,856,328	472	\$42,087	\$37,946	\$36,672	\$36,725
6/30/2017	\$18,542,687	510	\$36,337	\$37,421	\$36,368	\$36,393
12/31/2017	\$21,543,060	563	\$38,289	\$36,904	\$36,066	\$36,064
6/30/2018	\$20,581,494	566	\$36,362	\$36,394	\$35,767	\$35,739
12/31/2018	\$16,567,700	521	\$31,830	\$35,891	\$35,470	\$35,416
6/30/2019	\$13,385,100	455	\$29,411	\$35,395	\$35,176	\$35,096
12/31/2019	\$12,011,280	454	\$26,446	\$34,905	\$34,884	\$34,779
6/30/2020	\$16,843,236	462	\$36,444	\$34,423	\$34,595	\$34,465
12/31/2020	\$18,306,166	456	\$40,153	\$33,947	\$34,308	\$34,153
6/30/2021	\$20,402,084	527	\$38,691	\$33,478	\$34,024	\$33,845
12/31/2021	\$17,319,257	496	\$34,898	\$33,015	\$33,742	\$33,539
6/30/2022	\$20,675,447	651	\$31,750	\$32,559	\$33,462	\$33,236
Goodness of Fit Statistic, R-Squared:				0.256	0.093	0.066
Average Annual Severity Trend (10 yr)				- 2.7%		
Average Annual Severity Trend (8 yr)				- 1.7%		
Average Annual Severity Trend (6 yr)				- 1.8%		
Selected Annual Severity Trend				0.0%		

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

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

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

(1) 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
12/31/2012	\$484,305,308	14,044	\$34,485	\$32,847		
6/30/2013	\$519,969,982	14,815	\$35,097	\$33,933		
12/31/2013	\$573,146,962	15,886	\$36,079	\$35,055		
6/30/2014	\$636,611,674	17,106	\$37,215	\$36,215		
12/31/2014	\$620,572,061	16,386	\$37,872	\$37,413	\$35,948	
6/30/2015	\$617,685,862	15,853	\$38,962	\$38,650	\$37,292	
12/31/2015	\$632,638,226	15,815	\$40,002	\$39,929	\$38,686	
6/30/2016	\$607,598,381	14,572	\$41,698	\$41,249	\$40,133	
12/31/2016	\$621,827,685	14,744	\$42,176	\$42,614	\$41,634	\$38,953
6/30/2017	\$649,071,652	15,380	\$42,201	\$44,023	\$43,191	\$40,798
12/31/2017	\$683,697,778	16,031	\$42,648	\$45,479	\$44,806	\$42,730
6/30/2018	\$725,528,756	16,484	\$44,014	\$46,983	\$46,482	\$44,754
12/31/2018	\$710,822,623	15,737	\$45,170	\$48,537	\$48,220	\$46,874
6/30/2019	\$679,987,389	14,748	\$46,107	\$50,143	\$50,023	\$49,094
12/31/2019	\$667,706,979	13,994	\$47,714	\$51,801	\$51,894	\$51,419
6/30/2020	\$541,502,832	10,450	\$51,819	\$53,515	\$53,834	\$53,854
12/31/2020	\$423,450,487	7,494	\$56,508	\$55,285	\$55,848	\$56,405
6/30/2021	\$479,621,474	7,844	\$61,149	\$57,113	\$57,936	\$59,076
12/31/2021	\$516,829,016	8,124	\$63,615	\$59,003	\$60,103	\$61,874
6/30/2022	\$546,947,535	7,993	\$68,426	\$60,954	\$62,350	\$64,805
Goodness of Fit Statistic, R-Squared:				0.908	0.903	0.933
Average Annual Severity Trend (10 yr)				+ 6.7%		
Average Annual Severity Trend (8 yr)				+ 7.6%		
Average Annual Severity Trend (6 yr)				+ 9.7%		
Selected Annual Severity Trend				+ 8.0%		

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

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

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

(1) 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
12/31/2012	\$56,299,532	6,582	\$8,553	\$8,218		
6/30/2013	\$57,534,235	6,717	\$8,566	\$8,498		
12/31/2013	\$62,309,811	6,806	\$9,155	\$8,787		
6/30/2014	\$60,302,142	7,035	\$8,572	\$9,087		
12/31/2014	\$59,627,187	6,912	\$8,627	\$9,396	\$9,288	
6/30/2015	\$68,142,263	6,542	\$10,415	\$9,716	\$9,617	
12/31/2015	\$69,102,733	6,498	\$10,635	\$10,046	\$9,957	
6/30/2016	\$65,893,113	6,458	\$10,203	\$10,388	\$10,309	
12/31/2016	\$71,296,972	6,579	\$10,838	\$10,742	\$10,674	\$10,455
6/30/2017	\$73,707,722	7,075	\$10,418	\$11,108	\$11,051	\$10,856
12/31/2017	\$81,020,759	7,127	\$11,367	\$11,486	\$11,442	\$11,271
6/30/2018	\$84,793,735	6,948	\$12,204	\$11,877	\$11,847	\$11,703
12/31/2018	\$79,052,427	6,652	\$11,883	\$12,281	\$12,266	\$12,151
6/30/2019	\$77,272,679	6,428	\$12,021	\$12,699	\$12,700	\$12,617
12/31/2019	\$78,248,244	6,152	\$12,719	\$13,132	\$13,149	\$13,100
6/30/2020	\$70,638,422	5,064	\$13,949	\$13,579	\$13,614	\$13,602
12/31/2020	\$66,426,959	4,490	\$14,794	\$14,041	\$14,095	\$14,123
6/30/2021	\$66,992,660	4,631	\$14,468	\$14,519	\$14,594	\$14,663
12/31/2021	\$64,969,984	4,329	\$15,008	\$15,013	\$15,110	\$15,225
6/30/2022	\$67,357,428	4,214	\$15,986	\$15,524	\$15,645	\$15,808
Goodness of Fit Statistic, R-Squared:				0.959	0.945	0.949
Average Annual Severity Trend (10 yr)				+ 6.9%		
Average Annual Severity Trend (8 yr)				+ 7.2%		
Average Annual Severity Trend (6 yr)				+ 7.8%		
Selected Annual Severity Trend				+ 8.0%		

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

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

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

(1) 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
12/31/2012	\$21,113,853	301	\$70,099	\$59,207		
6/30/2013	\$21,235,117	338	\$62,823	\$60,072		
12/31/2013	\$25,842,366	364	\$70,947	\$60,950		
6/30/2014	\$32,928,635	436	\$75,595	\$61,841		
12/31/2014	\$31,529,293	496	\$63,524	\$62,745	\$53,570	
6/30/2015	\$34,011,292	581	\$58,544	\$63,662	\$55,249	
12/31/2015	\$38,442,022	659	\$58,327	\$64,592	\$56,981	
6/30/2016	\$34,182,762	665	\$51,403	\$65,536	\$58,768	
12/31/2016	\$30,429,750	622	\$48,907	\$66,494	\$60,610	\$56,836
6/30/2017	\$31,484,060	555	\$56,681	\$67,466	\$62,510	\$59,201
12/31/2017	\$39,307,472	514	\$76,502	\$68,452	\$64,470	\$61,665
6/30/2018	\$38,484,450	520	\$74,038	\$69,453	\$66,491	\$64,231
12/31/2018	\$31,860,819	498	\$63,929	\$70,468	\$68,576	\$66,905
6/30/2019	\$26,484,553	411	\$64,436	\$71,498	\$70,726	\$69,689
12/31/2019	\$25,714,050	420	\$61,288	\$72,543	\$72,943	\$72,589
6/30/2020	\$27,825,869	413	\$67,430	\$73,603	\$75,230	\$75,610
12/31/2020	\$27,101,609	330	\$82,063	\$74,679	\$77,588	\$78,756
6/30/2021	\$35,748,253	305	\$117,104	\$75,771	\$80,021	\$82,034
12/31/2021	\$33,011,682	295	\$111,749	\$76,878	\$82,530	\$85,448
6/30/2022	\$21,012,415	360	\$58,378	\$78,002	\$85,117	\$89,004
Goodness of Fit Statistic, R-Squared:				0.172	0.343	0.292
Average Annual Severity Trend (10 yr)				+ 2.9%		
Average Annual Severity Trend (8 yr)				+ 6.4%		
Average Annual Severity Trend (6 yr)				+ 8.5%		
Selected Annual Severity Trend				+ 2.5%		

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

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

PREMISES/OPERATIONS
MANUFACTURERS AND CONTRACTORS

FREQUENCY TREND INCLUDING FRINGE 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 (3) / (2) ²
6/30/2009	\$ 873,674,919	28,351	32.45
6/30/2010	\$ 807,909,477	27,732	34.33
6/30/2011	\$ 824,021,882	28,292	34.33
6/30/2012	\$ 835,131,817	26,499	31.73
6/30/2013	\$ 827,689,834	25,723	31.08
6/30/2014	\$ 884,865,838	27,021	30.54
6/30/2015	\$ 913,117,203	26,762	29.31
6/30/2016	\$ 936,604,858	26,889	28.71
6/30/2017	\$ 953,882,300	27,888	29.24
6/30/2018	\$ 978,102,160	27,926	28.55
6/30/2019	\$ 989,842,416	27,218	27.50
6/30/2020	\$ 994,928,005	23,132	23.25
6/30/2021	\$ 985,387,260	22,136	22.46
6/30/2022	\$ 974,794,103	21,886	22.45

Selected Annual Frequency Trend: - 0.5%

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

Selected Annual Frequency Trend: - 0.5%

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

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

PREMISES/OPERATIONS (SUBLINE CODE 334)

CLASS GROUPS AND DIFFERENTIALS

*Base Class

CLASS GROUP 14						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

(cont'd)

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

99321 6.22

99613 5.51

99620 0.30

99718 0.88

99746 1.49

99760 0.17

99793 1.89

99827 0.27

99851 1.10

99917 1.78

99938 2.00

99943 5.80

99946 4.32

99963 0.43

CLASS GROUP 33

91130 0.28

91135 0.08

91200 0.16

91265 3.42

91266 1.81

91560 1.00 *

91580 1.32

91606 2.74

91629 0.56

91636 0.96

91641 0.26

91722 0.84

92445 0.55

92663 0.13

95306 1.10

95357 0.28

95455 1.16

95505 0.54

96317 0.29

96872 1.03

97220 0.075

97308 0.14

97447 0.46

97651 1.36

97652 1.18

97655 1.05

98002 0.19

98152 0.64

98153 0.72

98154 0.85

98155 1.19

98157 0.76

98159 0.51

98160 1.08

98161 1.21

98163 1.27

98303 2.39

98309 1.20

98429 0.25

98658 1.23

98659 0.22

98705 1.74

98751 0.93

98914 0.15

98949 0.21

99220 0.33

99222 0.62

99471 0.15

99969 0.60

99988 0.53

CLASS GROUP 34

10036 2.70

10073 4.20

10075 31.17

10107 12.84

10255 1.00 *

10256 3.66

10257 0.69

11039 3.65

11248 0.19

12014 0.41

12509 0.25

12510 3.17

12583 1.41

12651 4.11

12683 1.88

13201 3.63

13204 4.11

13205 1.58

13410 5.75

13412 1.94

13453 2.24

13454 2.62

13455 2.66

13590 1.98

13621 0.50

14279 1.91

14855 0.88

15062 0.79

15063 0.92

15188 1.39

15404 0.36

15405 0.53

PREMISES/OPERATIONS (SUBLINE CODE 334)

CLASS GROUPS AND DIFFERENTIALS

*Base Class

CLASS GROUP 34

(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

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

PREMISES/OPERATIONS (SUBLINE CODE 334)

CLASS GROUPS AND DIFFERENTIALS

*Base Class

CLASS GROUP 37	52076	1.47	57090	1.83	59904	0.52
48636 10.49	52137	0.48	57146	1.16	59915	1.73
50011 0.58	52341	0.30	57411	0.28	59917	0.32
50018 0.53	52342	0.87	57611	0.60	59947	0.52
51001 0.36	52343	0.53	57690	0.78	59970	0.70
51005 0.074	52401	1.64	57716	0.37	59975	0.98
51116 0.91	52547	1.42	57725	0.81	59977	0.56
51210 0.63	52767	1.30	57726	0.63	59988	0.25
51220 2.16	53147	0.22	57808	0.31		
51221 1.20	53229	1.23	57809	0.32		
51222 1.46	53333	1.21	57810	0.31		
51224 1.53	53425	1.14	57871	0.37		
51230 0.26	53803	2.72	57999	0.51		
51250 1.66	55013	1.03	58009	0.51		
51255 4.21	55426	1.25	58301	0.39		
51330 0.64	55717	1.65	58663	2.57		
51333 0.21	55718	1.60	58756	0.48		
51400 1.50	56170	1.12	58813	1.18		
51401 2.21	56171	0.55	58837	2.37		
51625 0.33	56567	1.16	58840	0.71		
51702 0.99	56650	3.55	58873	1.13		
51703 0.41	56651	1.93	58922	1.88		
51734 0.77	56652	1.38	59223	1.17		
51850 1.55	56653	1.33	59378	0.76		
51851 1.05	56654	0.68	59537	0.82		
51852 2.46	56911	1.00 *	59750	0.61		
51853 0.99	56912	0.81	59751	0.22		
51854 2.22	56913	0.66	59781	0.53		
51855 2.33	56915	3.91	59782	0.79		
51856 1.28	56916	3.53	59783	0.77		
51857 2.19	56917	1.02	59784	0.59		
51909 1.40	56918	0.49	59798	2.01		
52075 1.22	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	*	53951	(a)
10367	3.88	47367	0.25		53952	(a)
10368	5.67	49005	0.17		53953	(a)
11007	1.65	49840	1.03		54444	(a)
11201	14.44	51516	0.075		55014	(a)
11202	4.27	51517	0.085		55410	(a)
11206	0.67	51985	0.070		58561	(a)
11207	8.46	52660	0.089		59695	(a)
11208	1.45	53734	0.45		91210	(a)
11209	6.81	54012	0.045		91280	(a)
11210	2.90	57997	0.10		91325	(a)
11211	15.07	58408	0.059		91581	(a)
11212	2.28	58409	0.075		91582	(a)
11213	1.86	58456	0.040		91583	(a)
11214	4.58	58457	0.058		91584	(a)
11222	0.077	58458	0.075		91585	(a)
14405	0.97	58459	0.09		91586	(a)
15070	0.13	<u>CLASS GROUP 39</u>			91587	(a)
15607	0.17	11205	(a)		91588	(a)
15699	0.42	13206	(a)		91589	(a)
16471	0.24	13207	(a)		91591	(a)
41620	1.21	13411	(a)		91618	(a)
41677	0.25	15060	(a)		94444	(a)
41696	0.79	15061	(a)		94638	(a)
41697	0.55	18575	(a)		95358	(a)
43470	4.60	41675	(a)		95630	(a)
43822	3.66	41679	(a)		95648	(a)
43840	0.045	44010	(a)		96703	(a)
43860	2.88	51211	(a)		96930	(a)
43889	1.03	52876	(a)		97002	(a)
44280	0.25	53901	(a)		97003	(a)
45678	0.27	53902	(a)		97221	(a)
		53903	(a)		98150	(a)
		53904	(a)		98151	(a)
					98156	(a)

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

TYPE OF POLICY	ACCIDENT YEAR ENDING	\$100,000					TRENDED \$100,000			
		BASIC LIMIT			EXPOSURE			BASIC LIMIT		
		AGGREGATE LOSS COSTS	DEVELOPMENT	EXPOSURE	AVERAGE	AGGREGATE LOSS COSTS				
		AT CURRENT LEVEL	X	FACTOR +	X	TREND #	X	IPMF *	=	AT CURRENT LEVEL
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 LOSS ADJUSTMENT FACTOR	X	SEVERITY TREND	X	FREQUENCY TREND	=	\$100,000
					BASIC LIMIT								BASIC LIMIT
					INDEMNITY DEVELOPMENT FACTOR								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				=	\$100,000		
			BASIC LIMIT LOSSES		BASIC LIMIT INDEMNITY DEVELOPMENT		UNALLOCATED LOSS ADJUSTMENT	SEVERITY	FREQUENCY		BASIC LIMIT DEVELOPED & TRENDED LOSSES		
			AND ALAE *		FACTOR		FACTOR	TREND	TREND		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
	<u>27:15</u>	<u>39:27</u>	<u>ULT:39</u>	
12/31/2019			1.000	1.000
12/31/2020		1.000	1.000	1.000
12/31/2021	1.001	1.000	1.000	1.001

Products (Subline Code 336)
Full Coverage
Multistate

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

\$100,000 Basic Limit Losses as of :											
<u>A.Y.E.</u>	<u>15 Months</u>	<u>27 Months</u>	<u>39 Months</u>	<u>51 Months</u>	<u>63 Months</u>	<u>75 Months</u>	<u>87 Months</u>	<u>99 Months</u>	<u>111 Months</u>	<u>123 Months</u>	<u>135 Months</u>
12/31/2002	5,952,658	9,485,738	12,898,811	15,106,280	14,361,805	13,883,154	13,532,060	13,294,129	13,287,107	13,282,823	13,455,941
12/31/2003	6,341,709	10,788,722	13,924,749	14,582,854	13,861,865	13,161,163	12,872,189	13,369,986	13,744,056	13,913,370	13,860,349
12/31/2004	6,518,015	10,016,261	13,268,391	14,955,500	14,482,934	13,493,813	13,581,623	13,459,810	13,815,174	13,907,574	13,929,896
12/31/2005	8,226,606	9,745,270	12,757,104	12,482,400	12,743,062	12,639,435	12,503,061	12,756,647	12,534,119	12,532,004	12,458,047
12/31/2006	7,567,857	11,862,120	15,431,999	15,405,006	15,029,966	15,191,067	15,074,033	15,325,338	15,581,110	15,513,859	15,264,331
12/31/2007	8,687,933	13,385,858	16,626,265	17,371,058	17,375,909	17,328,149	16,791,399	16,782,227	16,561,819	16,455,069	16,582,552
12/31/2008	8,910,500	13,119,328	15,806,054	16,435,338	18,203,507	16,871,101	16,648,977	16,590,220	16,625,679	16,707,368	16,910,744
12/31/2009	10,069,695	12,832,885	15,450,154	15,954,490	15,717,011	15,759,184	15,584,189	15,599,964	15,607,232	15,836,825	16,137,775
12/31/2010	10,551,953	14,681,125	16,369,039	16,810,452	16,902,711	15,561,121	15,361,419	15,372,108	15,393,152	15,270,928	15,369,936
12/31/2011	8,099,760	11,154,652	14,379,383	14,654,453	14,061,111	13,927,430	13,719,355	13,979,640	14,439,551	14,325,958	14,268,556
12/31/2012	7,844,968	11,586,650	15,528,810	16,022,605	16,207,934	15,879,137	15,793,128	16,405,184	16,173,476	16,197,498	
12/31/2013	6,270,158	9,080,547	12,552,850	13,306,372	13,587,445	13,506,910	13,953,100	13,692,767	13,251,992		
12/31/2014	6,857,320	9,718,299	13,138,227	14,747,938	14,246,376	14,913,792	14,980,359	14,593,200			
12/31/2015	6,511,604	8,780,589	11,459,951	12,600,356	12,426,638	12,386,132	12,645,191				
12/31/2016	5,650,455	8,178,690	10,921,585	11,799,331	12,194,335	12,410,483					
12/31/2017	6,007,258	9,288,676	12,550,879	13,542,078	13,511,833						
12/31/2018	6,688,816	9,678,392	12,391,828	13,630,386							
12/31/2019	5,716,271	8,381,952	11,633,851								
12/31/2020	5,939,930	8,329,221									
12/31/2021	5,909,986										

<u>A.Y.E.</u>	<u>147 Months</u>	<u>159 Months</u>	<u>171 Months</u>	<u>183 Months</u>	<u>195 Months</u>	<u>207 Months</u>	<u>219 Months</u>	<u>231 Months</u>	<u>243 Months</u>
12/31/2002	13,932,648	13,672,549	13,687,272	13,352,444	13,605,066	13,593,207	13,592,290	13,623,357	13,611,172
12/31/2003	13,908,038	13,992,050	13,776,057	13,813,926	13,946,799	13,919,993	13,989,604	13,979,706	
12/31/2004	13,794,956	13,679,100	13,851,260	13,904,419	13,795,746	13,767,694	13,774,837		
12/31/2005	12,359,041	12,377,203	12,380,422	12,327,589	12,365,536	12,394,952			
12/31/2006	15,557,363	15,767,110	15,661,546	15,661,649	15,675,427				
12/31/2007	16,559,578	17,026,067	17,288,024	17,424,849					
12/31/2008	16,938,015	16,936,365	16,960,060						
12/31/2009	17,946,025	17,873,884							
12/31/2010	15,453,111								

Products (Subline Code 336)
Full Coverage
Multistate

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

Link Ratios											
A.Y.E.	<u>27:15</u>	<u>39:27</u>	<u>51:39</u>	<u>63:51</u>	<u>75:63</u>	<u>87:75</u>	<u>99:87</u>	<u>111:99</u>	<u>123:111</u>	<u>135:123</u>	<u>147:135</u>
12/31/2002	1.594	1.360	1.171	0.951	0.967	0.975	0.982	0.999	1.000	1.013	1.035
12/31/2003	1.701	1.291	1.047	0.951	0.949	0.978	1.039	1.028	1.012	0.996	1.003
12/31/2004	1.537	1.325	1.127	0.968	0.932	1.007	0.991	1.026	1.007	1.002	0.990
12/31/2005	1.185	1.309	0.978	1.021	0.992	0.989	1.020	0.983	1.000	0.994	0.992
12/31/2006	1.567	1.301	0.998	0.976	1.011	0.992	1.017	1.017	0.996	0.984	1.019
12/31/2007	1.541	1.242	1.045	1.000	0.997	0.969	0.999	0.987	0.994	1.008	0.999
12/31/2008	1.472	1.205	1.040	1.108	0.927	0.987	0.996	1.002	1.005	1.012	1.002
12/31/2009	1.274	1.204	1.033	0.985	1.003	0.989	1.001	1.000	1.015	1.019	1.112
12/31/2010	1.391	1.115	1.027	1.005	0.921	0.987	1.001	1.001	0.992	1.006	1.005
12/31/2011	1.377	1.289	1.019	0.960	0.990	0.985	1.019	1.033	0.992	0.996	
12/31/2012	1.477	1.340	1.032	1.012	0.980	0.995	1.039	0.986	1.001		
12/31/2013	1.448	1.382	1.060	1.021	0.994	1.033	0.981	0.968			
12/31/2014	1.417	1.352	1.123	0.966	1.047	1.004	0.974				
12/31/2015	1.348	1.305	1.100	0.986	0.997	1.021					
12/31/2016	1.447	1.335	1.080	1.033	1.018						
12/31/2017	1.546	1.351	1.079	0.998							
12/31/2018	1.447	1.280	1.100								
12/31/2019	1.466	1.388									
12/31/2020	1.402										
3 Yr Mean	1.438	1.340	1.086	1.006	1.021	1.019	0.998	0.996	0.995	1.007	1.040
Best 3/5	1.453	1.330	1.093	1.002	1.003	1.007	1.000	0.996	0.999	1.009	1.009
A.Y.E.	<u>159:147</u>	<u>171:159</u>	<u>183:171</u>	<u>195:183</u>	<u>207:195</u>	<u>219:207</u>	<u>231:219</u>	<u>243:231</u>			
12/31/2002	0.981	1.001	0.976	1.019	0.999	1.000	1.002	0.999			
12/31/2003	1.006	0.985	1.003	1.010	0.998	1.005	0.999	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 :											
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	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										

A.Y.E.	147 Months	159 Months	171 Months	183 Months	195 Months	207 Months	219 Months	231 Months	243 Months
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				
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			
A.Y.E.	<u>15/ 27</u>	<u>27/ 39</u>	<u>39/ 51</u>	<u>51/ 63</u>	Development From						
12/31/2017					<u>63/ 75</u>	<u>75/ 87</u>	<u>87/ 99</u>	<u>99/111</u>	<u>111/123</u>	<u>123/135</u>	<u>135/147</u>
12/31/2018				1.006	0.997	1.012	0.962	1.023	0.998	1.000	1.001
12/31/2019			1.116	1.006	0.997	1.012	0.962	1.023	0.998	1.000	1.001
12/31/2020		1.239	1.116	1.006	0.997	1.012	0.962	1.023	0.998	1.000	1.001
12/31/2021	1.530	1.239	1.116	1.006	0.997	1.012	0.962	1.023	0.998	1.000	1.001
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:											
<u>A.Y.E.</u>	<u>15 Months</u>	<u>27 Months</u>	<u>39 Months</u>	<u>51 Months</u>	<u>63 Months</u>	<u>75 Months</u>	<u>87 Months</u>	<u>99 Months</u>	<u>111 Months</u>	<u>123 Months</u>	<u>135 Months</u>
12/31/2002	1,250,331	3,330,427	7,560,323	11,656,722	15,061,051	18,107,658	18,132,587	18,829,195	19,240,090	19,624,356	19,727,870
12/31/2003	1,262,397	4,028,927	8,326,918	13,983,187	18,480,923	20,434,222	21,108,279	22,561,469	22,287,335	23,368,314	24,451,618
12/31/2004	935,884	2,777,111	6,132,262	9,912,088	12,763,740	12,707,076	14,010,855	14,850,030	15,738,493	15,881,500	16,409,427
12/31/2005	1,487,945	3,034,016	5,517,680	7,556,532	9,846,720	10,996,091	11,062,352	11,406,200	11,614,279	11,975,748	11,908,847
12/31/2006	1,884,393	6,286,023	8,151,818	10,849,495	12,710,330	14,225,831	16,204,895	17,461,639	16,604,442	16,660,906	16,654,080
12/31/2007	2,237,342	6,042,975	9,126,797	12,389,835	15,242,942	16,912,066	18,035,230	18,241,648	18,366,780	22,693,339	22,700,562
12/31/2008	1,672,931	4,269,909	8,283,163	13,463,485	17,560,989	19,713,242	19,789,000	20,112,911	20,419,594	20,574,680	20,694,648
12/31/2009	3,064,369	5,305,779	9,517,963	12,134,386	14,441,289	15,477,954	15,536,460	15,784,087	15,799,221	15,921,836	16,122,938
12/31/2010	1,949,962	5,388,230	9,408,370	14,554,826	16,968,809	17,680,257	17,896,286	18,062,073	18,182,834	18,461,154	18,419,942
12/31/2011	2,211,103	5,120,742	9,315,456	12,758,847	14,438,552	15,928,699	17,021,746	17,031,093	17,558,597	17,715,289	18,032,446
12/31/2012	2,305,177	6,687,469	15,005,413	19,919,368	23,408,967	26,181,555	26,593,977	27,508,165	27,155,071	27,226,265	
12/31/2013	1,499,424	4,664,359	8,060,572	10,466,147	12,581,225	13,563,993	14,210,862	14,925,122	14,933,131		
12/31/2014	1,453,663	4,056,225	7,714,252	11,599,884	14,493,407	15,733,313	16,918,997	17,106,928			
12/31/2015	2,004,925	3,924,160	7,049,468	10,972,326	13,744,726	16,577,697	17,263,061				
12/31/2016	1,406,889	3,357,516	7,657,461	10,847,803	12,421,313	13,521,729					
12/31/2017	1,134,021	3,185,193	7,937,141	11,189,162	13,552,855						
12/31/2018	2,093,523	5,290,082	9,250,543	12,516,127							
12/31/2019	1,015,965	3,074,635	5,772,463								
12/31/2020	924,212	3,449,500									
12/31/2021	1,372,623										

<u>A.Y.E.</u>	<u>147 Months</u>	<u>159 Months</u>	<u>171 Months</u>	<u>183 Months</u>	<u>195 Months</u>	<u>207 Months</u>	<u>219 Months</u>	<u>231 Months</u>	<u>243 Months</u>
12/31/2002	21,843,539	21,985,063	21,898,149	21,198,919	21,247,814	21,677,959	21,940,803	21,932,388	21,908,083
12/31/2003	24,450,994	24,759,719	23,773,909	23,931,308	23,965,460	24,027,424	24,066,649	24,061,252	
12/31/2004	16,636,438	17,281,085	17,404,244	17,661,700	17,553,692	17,710,550	17,738,910		
12/31/2005	12,037,434	12,124,760	12,177,355	12,232,414	12,291,669	12,324,986			
12/31/2006	16,600,143	16,780,759	16,856,292	16,941,191	17,001,620				
12/31/2007	22,801,743	23,217,459	23,748,527	23,642,364					
12/31/2008	20,922,658	21,255,025	21,616,657						
12/31/2009	16,340,648	16,378,147							
12/31/2010	18,519,693								

Products (Subline Code 336)

Full Coverage
MultistateBodily Injury - Occurrence
Incurred Accident Year Incremental ALAE Development

		Increments											
A.Y.E.	27:15	39:27	51:39	63:51	75:63	87:75	99:87	111:99	123:111	135:123	147:135	159:147	171:159
12/31/2002	2,080,096	4,229,896	4,096,399	3,404,329	3,046,607	24,929	696,608	410,895	384,266	103,514	2,115,669	141,524	-86,914
12/31/2003	2,766,530	4,297,991	5,656,269	4,497,736	1,953,299	674,057	1,453,190	-274,134	1,080,979	1,083,304	-624	308,725	-985,810
12/31/2004	1,841,227	3,355,151	3,779,826	2,851,652	-56,664	1,303,779	839,175	888,463	143,007	527,927	227,011	644,647	123,159
12/31/2005	1,546,071	2,483,664	2,038,852	2,290,188	1,149,371	66,261	343,848	208,079	361,469	-66,901	128,587	87,326	52,595
12/31/2006	4,401,630	1,865,795	2,697,677	1,860,835	1,515,501	1,979,064	1,256,744	-857,197	56,464	-6,826	-53,937	180,616	75,533
12/31/2007	3,805,633	3,083,822	3,263,038	2,853,107	1,669,124	1,123,164	206,418	125,132	4,326,559	7,223	101,181	415,716	531,068
12/31/2008	2,596,978	4,013,254	5,180,322	4,097,504	2,152,253	75,758	323,911	306,683	155,086	119,968	228,010	332,367	361,632
12/31/2009	2,241,410	4,212,184	2,616,423	2,306,903	1,036,665	58,506	247,627	15,134	122,615	201,102	217,710	37,499	
12/31/2010	3,438,268	4,020,140	5,146,456	2,413,983	711,448	216,029	165,787	120,761	278,320	-41,212	99,751		
12/31/2011	2,909,639	4,194,714	3,443,391	1,679,705	1,490,147	1,093,047	9,347	527,504	156,692	317,157			
12/31/2012	4,382,292	8,317,944	4,913,955	3,489,599	2,772,588	412,422	914,188	-353,094	71,194				
12/31/2013	3,164,935	3,396,213	2,405,575	2,115,078	982,768	646,869	714,260	8,009					
12/31/2014	2,602,562	3,658,027	3,885,632	2,893,523	1,239,906	1,185,684	187,931						
12/31/2015	1,919,235	3,125,308	3,922,858	2,772,400	2,832,971	685,364							
12/31/2016	1,950,627	4,299,945	3,190,342	1,573,510	1,100,416								
12/31/2017	2,051,172	4,751,948	3,252,021	2,363,693									
12/31/2018	3,196,559	3,960,461	3,265,584										
12/31/2019	2,058,670	2,697,828											
12/31/2020	2,525,288												

		Incremental Percentages											
A.Y.E.	27:15	39:27	51:39	63:51	75:63	87:75	99:87	111:99	123:111	135:123	147:135	159:147	171:159
12/31/2002	0.0768	0.1562	0.1513	0.1257	0.1125	0.0009	0.0257	0.0152	0.0142	0.0038	0.0781	0.0052	-0.0032
12/31/2003	0.0989	0.1537	0.2022	0.1608	0.0698	0.0241	0.0520	-0.0098	0.0386	0.0387	0.0000	0.0110	-0.0352
12/31/2004	0.0758	0.1381	0.1556	0.1174	-0.0023	0.0537	0.0346	0.0366	0.0059	0.0217	0.0093	0.0265	0.0051
12/31/2005	0.0547	0.0879	0.0721	0.0810	0.0407	0.0023	0.0122	0.0074	0.0128	-0.0024	0.0045	0.0031	0.0019
12/31/2006	0.1399	0.0593	0.0857	0.0591	0.0482	0.0629	0.0399	-0.0272	0.0018	-0.0002	-0.0017	0.0057	0.0024
12/31/2007	0.1058	0.0857	0.0907	0.0793	0.0464	0.0312	0.0057	0.0035	0.1203	0.0002	0.0028	0.0116	0.0148
12/31/2008	0.0803	0.1241	0.1602	0.1267	0.0666	0.0023	0.0100	0.0095	0.0048	0.0037	0.0071	0.0103	0.0112
12/31/2009	0.0627	0.1178	0.0732	0.0645	0.0290	0.0016	0.0069	0.0004	0.0034	0.0056	0.0061	0.0010	
12/31/2010	0.1069	0.1250	0.1600	0.0751	0.0221	0.0067	0.0052	0.0038	0.0087	-0.0013	0.0031		
12/31/2011	0.1084	0.1562	0.1282	0.0626	0.0555	0.0407	0.0003	0.0196	0.0058	0.0118			
12/31/2012	0.1343	0.2549	0.1506	0.1069	0.0850	0.0126	0.0280	-0.0108	0.0022				
12/31/2013	0.1196	0.1284	0.0909	0.0799	0.0371	0.0244	0.0270	0.0003					
12/31/2014	0.0807	0.1134	0.1205	0.0897	0.0385	0.0368	0.0058						
12/31/2015	0.0826	0.1345	0.1688	0.1193	0.1219	0.0295							
12/31/2016	0.0739	0.1628	0.1208	0.0596	0.0417								
12/31/2017	0.0686	0.1589	0.1087	0.0790									
12/31/2018	0.1034	0.1282	0.1057										
12/31/2019	0.0796	0.1044											
12/31/2020	0.0953												

Best 3/5	0.0829	0.1405	0.1167	0.0829	0.0551	0.0302	0.0127	0.0015	0.0047	0.0032	0.0040	0.0064	0.0062
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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.	<u>15 Months</u>	<u>27 Months</u>	<u>39 Months</u>	<u>51 Months</u>	<u>63 Months</u>	<u>75 Months</u>	<u>87 Months</u>	<u>99 Months</u>	<u>111 Months</u>	<u>123 Months</u>	<u>135 Months</u>
12/31/2002	8,316,756	13,125,669	15,948,069	15,616,404	15,526,438	16,601,521	16,858,613	17,165,837	17,307,321	17,566,513	18,068,381
12/31/2003	8,841,646	10,545,542	12,707,130	13,971,055	15,147,551	16,387,125	16,751,807	17,288,834	17,932,482	18,233,867	18,319,550
12/31/2004	8,967,187	10,684,967	12,235,284	12,619,084	14,120,751	14,370,919	14,899,852	15,163,652	15,239,435	15,579,779	15,829,233
12/31/2005	10,759,439	12,827,432	12,948,259	13,662,792	14,075,665	14,868,305	14,721,601	15,783,187	15,678,711	16,366,417	16,537,783
12/31/2006	10,878,697	12,291,078	13,498,065	13,896,898	15,422,203	15,995,139	16,435,509	18,091,139	18,541,624	18,487,409	18,773,267
12/31/2007	14,127,133	16,464,538	17,575,248	17,720,054	18,869,963	19,553,894	20,748,423	21,356,919	21,603,943	22,446,291	22,984,331
12/31/2008	15,191,328	17,763,750	19,246,050	20,387,275	21,440,203	22,520,268	22,999,272	23,445,259	23,987,780	24,587,979	24,806,789
12/31/2009	18,051,538	20,790,918	22,484,695	22,479,367	22,727,736	23,687,484	23,416,848	24,215,336	24,668,433	24,460,656	24,777,400
12/31/2010	17,537,757	20,126,293	21,738,488	22,161,203	22,221,934	23,055,985	23,297,993	23,854,108	24,264,660	24,467,917	24,382,292
12/31/2011	14,574,371	16,501,332	17,335,646	18,628,459	19,068,361	19,703,794	20,058,592	20,691,262	21,042,103	21,164,486	21,290,707
12/31/2012	15,340,175	16,430,182	17,829,800	19,921,750	20,376,994	20,643,622	21,129,544	21,258,654	21,344,718	21,318,743	
12/31/2013	14,124,766	16,715,138	18,048,552	18,413,250	19,192,708	19,540,743	19,820,785	19,228,606	19,321,508		
12/31/2014	12,909,568	14,816,527	16,429,944	16,350,022	16,878,308	16,938,225	17,156,177	17,167,334			
12/31/2015	13,232,666	15,208,831	15,113,520	16,347,321	16,477,163	16,209,763	16,313,300				
12/31/2016	13,697,400	16,234,549	18,270,121	18,862,757	18,871,793	19,449,103					
12/31/2017	13,279,247	17,454,790	18,715,407	19,397,551	19,724,398						
12/31/2018	12,739,062	14,785,300	15,946,773	17,513,065							
12/31/2019	15,029,506	16,878,399	17,323,455								
12/31/2020	10,760,109	12,258,336									
12/31/2021	11,431,890										

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	18,112,671	18,151,654	18,262,376	18,347,573	18,388,262	18,330,250	18,341,750	18,402,300	18,450,300
12/31/2003	18,818,715	18,583,855	18,553,692	18,743,928	18,575,966	18,614,641	18,636,272	18,634,790	
12/31/2004	16,045,379	15,955,345	16,121,039	15,881,715	15,826,727	15,826,716	15,817,716		
12/31/2005	16,675,222	16,568,681	16,864,971	16,666,189	16,684,365	16,757,027			
12/31/2006	18,840,203	19,189,778	19,149,261	19,111,752	19,169,464				
12/31/2007	23,160,735	23,065,341	22,895,395	22,860,917					
12/31/2008	24,861,484	24,988,890	24,979,335						
12/31/2009	25,140,553	25,176,204							
12/31/2010	24,466,522								

Products (Subline Code 336)
Full Coverage
Multistate

Property Damage - Occurrence
Incurred Accident Year Basic Limits Loss Development Excluding ALAE

Link Ratios											
A.Y.E.	27:15	39:27	51:39	63:51	75:63	87:75	99:87	111:99	123:111	135:123	147:135
12/31/2002	1.578	1.215	0.979	0.994	1.069	1.015	1.018	1.008	1.015	1.029	1.002
12/31/2003	1.193	1.205	1.099	1.084	1.082	1.015	1.032	1.037	1.017	1.005	1.027
12/31/2004	1.192	1.145	1.031	1.119	1.018	1.037	1.018	1.005	1.022	1.016	1.014
12/31/2005	1.192	1.009	1.055	1.030	1.056	1.037	1.072	0.993	1.044	1.010	1.008
12/31/2006	1.130	1.098	1.030	1.110	1.037	1.028	1.101	1.025	0.997	1.015	1.004
12/31/2007	1.165	1.067	1.008	1.065	1.036	1.061	1.029	1.012	1.039	1.024	1.008
12/31/2008	1.169	1.083	1.059	1.052	1.050	1.021	1.019	1.023	1.025	1.009	1.002
12/31/2009	1.152	1.081	1.000	1.011	1.042	0.989	1.034	1.019	0.992	1.013	1.015
12/31/2010	1.148	1.080	1.019	1.003	1.038	1.010	1.024	1.017	1.008	0.997	1.003
12/31/2011	1.132	1.051	1.075	1.024	1.033	1.018	1.032	1.017	1.006	1.006	
12/31/2012	1.071	1.085	1.117	1.023	1.013	1.024	1.006	1.004	0.999		
12/31/2013	1.183	1.080	1.020	1.042	1.018	1.014	0.970	1.005			
12/31/2014	1.148	1.109	0.995	1.032	1.004	1.013	1.001				
12/31/2015	1.149	0.994	1.082	1.008	0.984	1.006					
12/31/2016	1.185	1.125	1.032	1.000	1.031						
12/31/2017	1.314	1.072	1.036	1.017							
12/31/2018	1.161	1.079	1.098								
12/31/2019	1.123	1.026									
12/31/2020	1.139										
3 Yr Mean	1.141	1.059	1.055	1.008	1.006	1.011	0.992	1.009	1.004	1.005	1.007
Best 3/5	1.162	1.059	1.050	1.019	1.012	1.015	1.010	1.013	1.004	1.009	1.005
A.Y.E.	159:147	171:159	183:171	195:183	207:195	219:207	231:219	243:231			
12/31/2002	1.002	1.006	1.005	1.002	0.997	1.001	1.003	1.003			
12/31/2003	0.988	0.998	1.010	0.991	1.002	1.001	1.000	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	1.002	1.000	1.002	1.003			
Best 3/5	1.001	1.003	0.995	1.000	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					1.012	1.015	1.010	1.013	1.004	1.009	1.005
12/31/2018				1.019	1.012	1.015	1.010	1.013	1.004	1.009	1.005
12/31/2019			1.050	1.019	1.012	1.015	1.010	1.013	1.004	1.009	1.005
12/31/2020		1.059	1.050	1.019	1.012	1.015	1.010	1.013	1.004	1.009	1.005
12/31/2021	1.162	1.059	1.050	1.019	1.012	1.015	1.010	1.013	1.004	1.009	1.005
A.Y.E	147/159	159/171	171/183	183/195	195/207	207/219	219/231	231/243	243/243		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.	<u>15 Months</u>	<u>27 Months</u>	<u>39 Months</u>	<u>51 Months</u>	<u>63 Months</u>	<u>75 Months</u>	<u>87 Months</u>	<u>99 Months</u>	<u>111 Months</u>	<u>123 Months</u>	<u>135 Months</u>
12/31/2002	779,522	1,297,829	1,509,515	1,797,321	2,284,574	2,427,744	2,520,769	2,557,851	3,068,634	3,063,925	3,102,903
12/31/2003	884,822	893,503	858,478	1,070,723	1,116,224	1,261,991	1,612,523	1,623,598	1,653,160	1,815,518	2,028,837
12/31/2004	636,464	1,018,050	1,355,037	1,117,719	936,650	988,398	973,949	949,478	1,027,127	1,124,465	1,149,658
12/31/2005	1,043,004	2,056,424	2,102,754	2,280,856	2,205,516	2,096,792	2,458,711	2,469,401	2,544,276	2,469,593	2,424,785
12/31/2006	2,157,680	3,325,586	3,846,705	3,586,332	3,510,469	3,624,915	4,062,769	4,134,052	4,260,751	4,365,700	4,399,784
12/31/2007	2,861,906	2,755,158	2,663,045	2,752,183	2,969,282	3,005,633	2,999,864	3,251,040	3,367,015	3,382,925	3,503,461
12/31/2008	2,281,840	2,319,125	2,872,871	2,889,883	2,683,559	2,741,865	2,918,757	3,006,896	3,017,092	2,937,305	3,044,304
12/31/2009	3,155,722	3,137,127	2,782,174	2,841,749	3,034,094	3,254,704	3,163,657	3,317,265	3,338,514	3,525,894	3,589,263
12/31/2010	1,791,607	2,605,459	2,630,270	2,423,140	2,368,407	2,406,937	2,423,036	2,359,720	2,409,733	2,644,633	2,524,471
12/31/2011	2,967,922	3,011,397	2,842,381	2,848,078	3,075,949	2,945,205	2,906,868	2,906,391	2,911,367	2,926,366	2,995,366
12/31/2012	2,311,873	2,456,093	2,598,834	2,506,719	2,644,251	2,422,017	2,460,372	2,493,028	2,472,403	2,471,978	
12/31/2013	2,999,053	3,079,991	2,922,280	3,058,599	3,038,017	3,112,218	3,124,041	3,174,041	3,286,041		
12/31/2014	2,507,323	2,878,861	2,951,993	3,112,061	3,214,167	3,217,500	3,391,584	3,191,833			
12/31/2015	2,282,600	2,138,292	2,623,972	2,670,733	2,758,798	2,802,792	2,690,775				
12/31/2016	2,080,627	2,386,885	2,185,247	2,342,053	2,467,750	2,370,399					
12/31/2017	1,989,313	2,496,439	3,224,873	3,456,151	3,741,171						
12/31/2018	2,525,693	3,559,839	3,648,711	3,703,822							
12/31/2019	2,217,180	2,255,583	2,442,130								
12/31/2020	1,981,009	2,212,979									
12/31/2021	2,340,027										

A.Y.E.	<u>147 Months</u>	<u>159 Months</u>	<u>171 Months</u>	<u>183 Months</u>	<u>195 Months</u>	<u>207 Months</u>	<u>219 Months</u>	<u>231 Months</u>	<u>243 Months</u>
12/31/2002	2,833,076	2,798,285	2,747,185	2,737,185	2,739,519	2,737,683	2,737,583	2,722,583	2,722,583
12/31/2003	2,111,966	2,140,203	2,082,656	2,080,780	2,079,278	2,079,278	2,079,278	2,079,278	
12/31/2004	1,119,857	1,171,858	1,166,857	1,166,757	1,174,757	1,181,425	1,180,591		
12/31/2005	2,434,785	2,473,149	2,488,649	2,449,649	2,449,649	2,449,649			
12/31/2006	4,438,499	4,421,096	4,313,712	4,315,211	4,313,802				
12/31/2007	3,382,422	3,357,701	3,357,673	3,357,673					
12/31/2008	3,010,204	3,001,204	3,001,204						
12/31/2009	3,608,683	3,637,984							
12/31/2010	2,521,223								

Products (Subline Code 336)
Deductible
Multistate

Property Damage - Occurrence
Incurred Accident Year Basic Limits Loss Development Excluding ALAE

	Link Ratios										
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	1.055	0.916	1.016	1.013	0.992	1.000		
12/31/2013	1.027	0.949	1.047	0.993	1.024	1.004	1.016	1.035			
12/31/2014	1.148	1.025	1.054	1.033	1.001	1.054	0.941				
12/31/2015	0.937	1.227	1.018	1.033	1.016	0.960					
12/31/2016	1.147	0.916	1.072	1.054	0.961						
12/31/2017	1.255	1.292	1.072	1.082							
12/31/2018	1.409	1.025	1.015								
12/31/2019	1.017	1.083									
12/31/2020	1.117										
3 Yr Mean	1.181	1.133	1.053	1.056	0.993	1.006	0.990	1.010	1.034	0.999	0.998
Best 3/5	1.173	1.112	1.048	1.040	0.993	1.002	0.996	1.010	1.020	1.026	0.998
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:											
<u>A.Y.E.</u>	<u>15 Months</u>	<u>27 Months</u>	<u>39 Months</u>	<u>51 Months</u>	<u>63 Months</u>	<u>75 Months</u>	<u>87 Months</u>	<u>99 Months</u>	<u>111 Months</u>	<u>123 Months</u>	<u>135 Months</u>
12/31/2002	1,027,253	2,809,279	5,639,560	7,294,475	9,280,653	10,489,654	11,058,497	12,988,080	12,333,508	12,585,603	13,081,851
12/31/2003	1,542,944	3,723,107	6,301,944	10,211,214	12,118,151	14,234,208	16,047,812	17,111,892	19,690,551	21,033,071	21,895,447
12/31/2004	1,199,092	2,733,768	5,544,855	7,863,831	9,971,581	12,257,536	13,998,874	14,613,793	16,002,150	17,096,214	17,766,593
12/31/2005	1,984,048	4,342,177	7,235,169	7,600,486	9,120,131	10,613,411	13,083,723	14,703,093	15,791,873	16,980,830	18,113,387
12/31/2006	1,504,980	3,500,278	6,735,893	9,591,045	11,707,784	13,763,000	14,517,783	16,847,769	19,657,420	20,265,103	21,090,009
12/31/2007	1,715,633	3,741,049	5,887,654	9,282,851	11,601,538	13,563,293	14,914,508	17,094,266	18,120,938	19,549,674	20,864,328
12/31/2008	1,634,264	4,501,092	8,277,280	11,512,994	14,492,533	16,926,433	18,058,843	19,018,208	19,583,627	20,529,576	21,199,532
12/31/2009	3,964,543	9,172,208	15,265,370	18,411,575	21,522,389	25,550,332	26,860,563	28,380,871	29,944,813	30,632,386	30,939,871
12/31/2010	2,343,168	5,346,406	10,122,645	14,461,304	17,848,686	19,582,851	21,159,232	21,756,926	22,143,924	22,521,029	22,870,979
12/31/2011	2,417,815	4,582,835	8,151,323	11,374,616	13,922,674	15,940,441	17,234,774	18,792,583	19,294,118	19,623,787	19,682,359
12/31/2012	2,964,959	7,123,272	11,711,052	18,257,581	20,435,686	22,840,175	26,931,271	32,693,509	37,570,940	40,991,292	
12/31/2013	2,864,649	5,929,919	9,020,512	12,480,798	14,858,341	16,764,562	20,068,960	20,501,312	21,081,866		
12/31/2014	3,110,722	5,706,313	8,689,728	11,021,514	12,795,329	13,837,654	15,048,024	15,218,101			
12/31/2015	2,330,313	5,475,412	8,324,665	11,205,758	13,035,732	13,792,944	15,715,341				
12/31/2016	4,181,652	9,904,621	16,337,365	19,224,650	22,917,607	26,559,963					
12/31/2017	2,939,055	5,230,320	8,721,965	11,714,805	14,356,376						
12/31/2018	2,463,025	4,226,205	6,316,175	8,667,351							
12/31/2019	2,730,690	5,649,265	8,518,267								
12/31/2020	2,054,697	3,947,392									
12/31/2021	2,735,238										

<u>A.Y.E.</u>	<u>147 Months</u>	<u>159 Months</u>	<u>171 Months</u>	<u>183 Months</u>	<u>195 Months</u>	<u>207 Months</u>	<u>219 Months</u>	<u>231 Months</u>	<u>243 Months</u>
12/31/2002	13,400,438	13,670,088	13,883,818	13,971,516	14,004,321	14,004,170	14,052,359	14,092,561	14,127,561
12/31/2003	23,132,023	23,314,238	23,963,828	24,011,071	23,917,491	23,952,425	23,974,396	24,007,904	
12/31/2004	18,642,888	18,850,631	18,992,823	19,110,889	19,142,076	19,142,076	19,137,536		
12/31/2005	19,115,121	20,269,901	20,587,471	20,448,062	20,445,000	20,468,581			
12/31/2006	21,297,290	21,850,555	22,017,939	22,155,404	22,239,112				
12/31/2007	21,526,340	22,365,659	22,284,877	22,512,566					
12/31/2008	21,861,553	21,649,953	22,059,489						
12/31/2009	31,448,166	32,014,238							
12/31/2010	23,641,971								

Products (Subline code 336)

Full Coverage
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	1,782,026	2,830,281	1,654,915	1,986,178	1,209,001	568,843	1,929,583	-654,572	252,095	496,248	318,587	269,650	213,730
12/31/2003	2,180,163	2,578,837	3,909,270	1,906,937	2,116,057	1,813,604	1,064,080	2,578,659	1,342,520	862,376	1,236,576	182,215	649,590
12/31/2004	1,534,676	2,811,087	2,318,976	2,107,750	2,285,955	1,741,338	614,919	1,388,357	1,094,064	670,379	876,295	207,743	142,192
12/31/2005	2,358,129	2,892,992	365,317	1,519,645	1,493,280	2,470,312	1,619,370	1,088,780	1,188,957	1,132,557	1,001,734	1,154,780	317,570
12/31/2006	1,995,298	3,235,615	2,855,152	2,116,739	2,055,216	754,783	2,329,986	2,809,651	607,683	824,906	207,281	553,265	167,384
12/31/2007	2,025,416	2,146,605	3,395,197	2,318,687	1,961,755	1,351,215	2,179,758	501,535	1,428,736	1,314,654	662,012	839,319	-80,782
12/31/2008	2,866,828	3,776,188	3,235,714	2,979,539	2,433,900	1,132,410	959,365	565,419	945,949	669,956	662,021	-211,600	409,536
12/31/2009	5,207,665	6,093,162	3,146,205	3,110,814	4,027,943	1,310,231	1,520,308	501,535	687,573	307,485	508,295	566,072	
12/31/2010	3,003,238	4,776,239	4,338,659	3,387,382	1,734,165	1,576,381	597,694	386,998	377,105	349,950	770,992		
12/31/2011	2,165,020	3,568,488	3,223,293	2,548,058	2,017,767	1,294,333	1,557,809	501,535	329,669	58,572			
12/31/2012	4,158,313	4,587,780	6,546,529	2,178,105	2,404,489	4,091,096	5,762,238	4,877,431	3,420,352				
12/31/2013	3,065,270	3,090,593	3,460,286	2,377,543	1,906,221	3,304,398	432,352	580,554					
12/31/2014	2,595,591	2,983,415	2,331,786	1,773,815	1,042,325	1,210,370	170,077						
12/31/2015	3,145,099	2,849,253	2,881,093	1,829,974	757,212	1,922,397							
12/31/2016	5,722,969	6,432,744	2,887,285	3,692,957	3,642,356								
12/31/2017	2,291,265	3,491,645	2,992,840	2,641,571									
12/31/2018	1,763,180	2,089,970	2,351,176										
12/31/2019	2,918,575	2,869,002											
12/31/2020	1,892,695												

Incremental Percentages													
A.Y.E.	27:15	39:27	51:39	63:51	75:63	87:75	99:87	111:99	123:111	135:123	147:135	159:147	171:159
12/31/2002	0.0681	0.1081	0.0632	0.0759	0.0462	0.0217	0.0737	-0.0250	0.0096	0.0190	0.0122	0.0103	0.0082
12/31/2003	0.0765	0.0904	0.1371	0.0669	0.0742	0.0636	0.0373	0.0904	0.0471	0.0302	0.0434	0.0064	0.0228
12/31/2004	0.0703	0.1288	0.1062	0.0965	0.1047	0.0798	0.0282	0.0636	0.0501	0.0307	0.0401	0.0095	0.0065
12/31/2005	0.0993	0.1218	0.0154	0.0640	0.0629	0.1040	0.0682	0.0458	0.0500	0.0477	0.0422	0.0486	0.0134
12/31/2006	0.0678	0.1100	0.0971	0.0720	0.0699	0.0257	0.0792	0.0955	0.0207	0.0280	0.0070	0.0188	0.0057
12/31/2007	0.0607	0.0643	0.1017	0.0695	0.0588	0.0405	0.0653	0.0308	0.0428	0.0394	0.0198	0.0251	-0.0024
12/31/2008	0.0743	0.0979	0.0839	0.0772	0.0631	0.0293	0.0249	0.0147	0.0245	0.0174	0.0172	-0.0055	0.0106
12/31/2009	0.1300	0.1521	0.0786	0.0777	0.1006	0.0327	0.0380	0.0390	0.0172	0.0077	0.0127	0.0141	
12/31/2010	0.0819	0.1302	0.1183	0.0923	0.0473	0.0430	0.0163	0.0105	0.0103	0.0095	0.0210		
12/31/2011	0.0625	0.1030	0.0931	0.0736	0.0583	0.0374	0.0450	0.0145	0.0095	0.0017			
12/31/2012	0.1119	0.1234	0.1761	0.0586	0.0647	0.1101	0.1550	0.1312	0.0920				
12/31/2013	0.0970	0.0978	0.1094	0.0752	0.0603	0.1045	0.0137	0.0184					
12/31/2014	0.0779	0.0895	0.0700	0.0532	0.0313	0.0363	0.0051						
12/31/2015	0.1076	0.0975	0.0986	0.0626	0.0259	0.0658							
12/31/2016	0.1597	0.1796	0.0806	0.1031	0.1017								
12/31/2017	0.0565	0.0861	0.0738	0.0652									
12/31/2018	0.0574	0.0680	0.0766										
12/31/2019	0.0847	0.0833											
12/31/2020	0.0815												

Best 3/5	0.0745	0.0890	0.0770	0.0677	0.0521	0.0692	0.0250	0.0240	0.0173	0.0115	0.0166	0.0193	0.0076
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Products (Subline code 336)
Full Coverage
Multistate

Property Damage - Occurrence
Incurred Accident Year 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	1.006	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

	Reported						
	ALAE as of	\$500,000	ALAE	Additional	ALAE at	171-Ultimate	Ultimate
A.Y.E.	<u>3/31/2022</u>	<u>Ultimate Indemnity</u>	<u>Factor</u>	<u>ALAE</u>	<u>171 Months</u>	<u>Factor</u>	<u>ALAE</u>
12/31/2019	9,332,458	37,668,998	0.387	14,589,203	23,921,661	1.006	24,065,191
12/31/2020	4,523,477	30,549,753	0.476	14,550,847	19,074,324	1.006	19,188,770
12/31/2021	3,067,077	30,091,443	0.551	16,574,367	19,641,444	1.006	19,759,292

Bold - Calculated Using Modified Bondy Method

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

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

Notes: All dollar amounts are displayed in thousands.

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

PRODUCTS TREND SUMMARY

(1) <u>EXPOSURE TREND</u>		<u>PRODUCTS</u>	
Average Annual Percent Change			
a)	7/1/2019 to 7/1/2024 AYE 12/31/2019	+ 4.2%	
b)	7/1/2020 to 7/1/2024 AYE 12/31/2020	+ 5.5%	
c)	7/1/2021 to 7/1/2024 AYE 12/31/2021	+ 5.3%	
(2) <u>OCCURRENCE SEVERITY</u>		<u>BODILY INJURY</u>	<u>PROPERTY DAMAGE</u>
a)	Fitted		
	All Years	+ 0.7%	+ 1.2%
	Eight Years	- 1.5%	+ 2.7%
	Six Years	- 4.3%	- 0.7%
b)	Selected	+ 3.0%	+ 4.5%
(3) <u>FREQUENCY TREND</u>			
	Selected	- 1.5%	

NOTE: The BI deductible trend is equal to the bodily injury trend. The PD deductible trend is equal to the property damage trend.

PRODUCTS
AVERAGE ANNUAL EXPOSURE TRENDS
FOR ACCIDENT YEARS ENDING 12/31/2019, 12/31/2020 & 12/31/2021

(1)			(2)			(1)			(2)		
YEAR ENDING			PRODUCTS			YEAR ENDING			PRODUCTS		
<u>QUARTER *</u>			CLASS GROUP			<u>QUARTER *</u>			CLASS GROUP		
			SALES EXPOSURE						SALES EXPOSURE		
			<u>INDICES</u>						<u>INDICES</u>		
2011	1		0.969			2018	1		1.042		
	2		0.974				2		1.046		
	3		0.979				3		1.050		
	4		0.982				4		1.054		
2012	1		0.987			2019	1		1.058		
	2		0.990				2		1.061		
	3		0.995				3		1.063		
	4		1.000				4		1.065		
2013	1		1.004			2020	1		1.066		
	2		1.007				2		1.060		
	3		1.008				3		1.059		
	4		1.010				4		1.059		
2014	1		1.012			2021	1		1.063		
	2		1.016				2		1.079		
	3		1.019				3		1.098		
	4		1.022				4		1.122		
2015	1		1.023			2022	1		1.154		
	2		1.026				2		1.190		
	3		1.027				3P		1.223		
	4		1.029				4P		1.249		
2016	1		1.030			2023	1P		1.267		
	2		1.030				2P		1.276		
	3		1.029				3P		1.283		
	4		1.030				4P		1.289		
2017	1		1.032			2024	1P		1.295		
	2		1.034				2P		1.300		
	3		1.037				3P		1.305		
	4		1.040				4P		1.310		
CHANGE IN EXPOSURES						PRODUCTS					
7/1/2019 to 7/1/2024			(2024:4/2019:4)			1.230					
7/1/2020 to 7/1/2024			(2024:4/2020:4)			1.238					
7/1/2021 to 7/1/2024			(2024:4/2021:4)			1.168					
AVERAGE ANNUAL TREND FACTOR											
7/1/2019 to 7/1/2024			(5.0 YEARS)			1.042					
7/1/2020 to 7/1/2024			(4.0 YEARS)			1.055					
7/1/2021 to 7/1/2024			(3.0 YEARS)			1.053					

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

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

(1) 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.	FORMULA	INDEX	CHANGE	PRESENT	PROPOSED	STATE-	PRESENT	PROPOSED
	MONO/MULTI	MONO/MULTI	MONO/MULTI					MULTI-	MULTI-	WIDE		
	ALCCL	ALCCL	RATIO		ER		FACTOR	STATE	STATE	%	STATEWIDE	STATEWIDE
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	OCCUR	OCCUR	CHANGE	OCCUR	OCCUR
								(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
 N - NOT SUBJECT TO CAPPING
 E - SUBJECT TO CAPPING EXCEPTION

LOSS COST % CHANGE BY CLASS

SUBLINE: PRODUCTS
 CLASS GROUP : 03
 NUMBER OF YEARS OF DATA USED: 5
 CHANGE FACTOR = INDEX * CG REL * SWRL USED = INDEX * 0.97 * 0.854

CLASS	AYE 2021	5 YEAR	5 YEAR	CRED.	FORMULA	INDEX	CHANGE	PRESENT	PROPOSED	STATE-	PRESENT	PROPOSED
	MONO/MULTI	MONO/MULTI	MONO/MULTI					MULTI-	MULTI-	WIDE		
	ALCCL	ALCCL	RATIO					STATE	STATE	%		
(1)	(2)	(3)	(4)	ER	(6)	FACTOR	OCCUR	OCCUR	CHANGE	(10)	OCCUR	OCCUR
---	---	---	---	---	---	---	---	---	---	---	---	---
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

L - CAPPED DOWN
 U - CAPPED UP
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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		
	ALCCL	ALCCL	RATIO		ER		FACTOR	STATE	STATE	%	STATEWIDE	STATEWIDE
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	OCCUR	OCCUR	CHANGE	OCCUR	OCCUR
10010	108961	760908	0.77337	0.1644	0.894	0.932	0.818	0.167	0.137	-18.0	0.167	0.137
10040	1205495	6162656	1.12531	0.5031	1.022	1.066	0.935	0.320	0.300	-6.3	0.320	0.300
10070	2188461	10597856	0.68140	0.6273	0.769	0.803	0.704	0.134	0.094	-29.9	0.134	0.094
10101	358583	1642755	0.96639	0.2478	0.930	0.970	0.850	0.160	0.136	-15.0	0.160	0.136
10111	156945	814591	0.38457	0.1700	0.827	0.863	0.756	0.059	0.045	-23.7	0.059	0.045
10255	3801653	17974215	0.99162	0.7347	0.972	1.014	0.889	0.140	0.124	-11.4	0.140	0.124
10256	23649	103187	0.19270	0.0899	0.853	0.889	0.780	0.198	0.154	-22.2	0.198	0.154
10257	3650470	17530410	1.17697	0.7306	1.107	1.155	1.013	0.146	0.148	1.4	0.146	0.148
11126	154685	939413	0.78323	0.1831	0.893	0.931	0.817	0.023	0.019	-17.4	0.023	0.019
11203	3311	56666	0.00000	0.0848	0.840	0.876	0.768	0.380	0.290	-23.7	0.380	0.290
11248	5155	34338	0.00000	0.0813	0.843	0.879	0.771	0.013	0.010	-23.1	0.013	0.010
12391	1347758	6536189	1.12763	0.5144	1.026	1.070	0.938	0.059	0.055	-6.8	0.059	0.055
12509	27639	162144	0.15094	0.0972	0.843	0.879	0.771	0.026	0.020	-23.1	0.026	0.020
12651	900431	4226553	0.61906	0.4175	0.793	0.827	0.725	0.450	0.330	-26.7	0.450	0.330
12707	456793	1647921	1.35326	0.2552	1.029	1.073	0.941	0.480	0.450	-6.3	0.480	0.450
12797	1341693	6666789	0.96473	0.5191	0.942	0.983	0.862	0.177	0.153	-13.6	0.177	0.153
13201	14292	112238	0.26660	0.0912	0.858	0.895	0.785	0.123	0.097	-21.1	0.123	0.097
13204	880659	4216322	0.79964	0.4213	0.868	0.905	0.794	0.860	0.680	-20.9	0.860	0.680
13205	308895	1362269	0.67128	0.2241	0.863	0.900	0.789	0.340	0.270	-20.6	0.340	0.270
13314	109	1028	0.00000	0.0771	0.847	0.883	0.775	0.012	0.009	-25.0	0.012	0.009
13410	1830200	8852823	1.09583	0.5873	1.022	1.066	0.935	1.660	1.550	-6.6	1.660	1.550
13412	362294	2230724	1.39494	0.2982	1.060	1.106	0.969	1.190	1.150	-3.4	1.190	1.150
13590	4644286	23579099	1.08821	0.7833	1.051	1.096	0.961	0.610	0.590	-3.3	0.610	0.590
13715	1683737	8347413	0.82736	0.5708	0.866	0.903	0.792	0.111	0.088	-20.7	0.111	0.088
13930	1372226	5487694	0.60521	0.4746	0.769	0.802	0.704	0.147	0.103	-29.9	0.147	0.103
14068	2102	17887	0.00000	0.0792	0.845	0.881	0.773	0.010	0.008	-20.0	0.010	0.008
14527	556008	2473238	0.84866	0.3115	0.896	0.935	0.820	0.169	0.139	-17.8	0.169	0.139
14855	38630	175844	0.00692	0.0988	0.828	0.863	0.757	0.110	0.083	-24.6	0.110	0.083
16005	303233	1802835	0.74405	0.2607	0.872	0.910	0.798	0.030	0.024	-20.0	0.030	0.024
16009	44948	241312	0.76072	0.1066	0.901	0.940	0.824	0.111	0.091	-18.0	0.111	0.091
16527	4383000	22732018	0.89395	0.7768	0.899	0.938	0.822	0.270	0.222	-17.8	0.270	0.222
16705	63296	803447	0.64487	0.1694	0.872	0.909	0.797	0.113	0.090	-20.4	0.113	0.090
16750	479189	2599111	1.57280	0.3227	1.129	1.178	1.033	0.035	0.036	2.9	0.035	0.036
18205	746189	3540984	1.38582	0.3831	1.097	1.144	1.003	0.390	0.390	0.0	0.390	0.390
18616	3364266	16738769	0.95142	0.7225	0.942	0.983	0.862	0.490	0.420	-14.3	0.490	0.420
18707	21649	141634	1.04134	0.0946	0.929	0.969	0.850	0.006	0.005	-16.7	0.006	0.005
45771	117033	631994	1.13475	0.1540	0.951	0.992	0.870	0.131	0.114	-13.0	0.131	0.114

X-TILDE: 0.977

X-TILDE (MONOLINE): 0.959

PI-TILDE 0.0047984

TAU SQUARE: 0.03000

SIGMA SQUARED: 218049.291

L - CAPPED DOWN

U - CAPPED UP

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E - SUBJECT TO CAPPING EXCEPTION

LOSS COST % CHANGE BY CLASS

SUBLINE: PRODUCTS
CLASS GROUP : 04
NUMBER OF YEARS OF DATA USED: 5
CHANGE FACTOR = INDEX * CG REL * SWRL USED = INDEX * 1.027 * 0.854

CLASS	AYE 2021	5 YEAR	5 YEAR	CRED.	FORMULA ER	INDEX	CHANGE FACTOR	PRESENT	PROPOSED	STATE-	PRESENT	PROPOSED
	MONO/MULTI	MONO/MULTI	MONO/MULTI					MULTI-	MULTI-	WIDE		
	ALCCL	ALCCL	RATIO					STATE	STATE	%		
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	OCCUR	OCCUR	CHANGE	OCCUR	OCCUR
45901	472712	2437354	0.62917	0.3089	0.829	0.864	0.758	0.039	0.030	-23.1	0.039	0.030
53907	1210531	6102939	1.10198	0.5165	1.013	1.056	0.926	0.078	0.072	-7.7	0.078	0.072

X-TILDE: 0.97745 X-TILDE (MONOLINE): 0.95882 PI-TILDE 0.0047984
TAU SQUARE: 0.03 SIGMA SQUARED: 218049.291

L - CAPPED DOWN
U - CAPPED UP
N - NOT SUBJECT TO CAPPING
E - SUBJECT TO CAPPING EXCEPTION

LOSS COST % CHANGE BY CLASS

SUBLINE: PRODUCTS

CLASS GROUP : 05

NUMBER OF YEARS OF DATA USED: 5

CHANGE FACTOR = INDEX * CG REL * SWRL USED = INDEX * 1.012 * 0.854

CLASS	AYE 2021	5 YEAR	5 YEAR	CRED.	FORMULA ER	INDEX	CHANGE FACTOR	PRESENT	PROPOSED	STATE-	PRESENT	PROPOSED
	MONO/MULTI	MONO/MULTI	MONO/MULTI					MULTI-	MULTI-	WIDE		
	ALCCL (1)	ALCCL (2)	RATIO (3)					STATE OCCUR (8)	STATE OCCUR (9)	% CHANGE (10)		
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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):

SIGMA SQUARED:

0.863

241544.847

PI-TILDE 0.0071632

L - CAPPED DOWN

U - CAPPED UP

N - NOT SUBJECT TO CAPPING

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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		
	ALCCL	ALCCL	RATIO		ER		FACTOR	STATE	STATE	%	STATEWIDE	STATEWIDE
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
15733	2741	20393	0.00000	0.0279	0.838	0.970	0.826	0.030	0.025	-16.7	0.030	0.025
51001	844	8194	0.00000	0.0268	0.839	0.971	0.827	0.380	0.310	-18.4	0.380	0.310
51116	1445893	6422282	0.74560	0.3885	0.817	0.946	0.806	0.640	0.520	-18.8	0.640	0.520
51240	37976	324553	1.70712	0.0544	0.908	1.051	0.896	0.215	0.193	-10.2	0.215	0.193
51241	375680	2056005	0.68823	0.1822	0.830	0.961	0.819	0.240	0.197	-17.9	0.240	0.197
51330	252192	1485496	3.18667	0.1462	1.202	1.391	1.185	0.820	0.970	18.3	0.820	0.970
51370	60759	532942	0.20161	0.0732	0.813	0.942	0.802	2.690	2.160	-19.7	2.690	2.160
51500	484333	2587152	0.69700	0.2147	0.826	0.957	0.815	0.145	0.118	-18.6	0.145	0.118
51550	35203	142836	0.80614	0.0388	0.860	0.995	0.848	0.420	0.360	-14.3	0.420	0.360
51551	2559	37154	0.75562	0.0294	0.859	0.994	0.847	0.830	0.700	-15.7	0.830	0.700
51552	230	10985	0.00000	0.0271	0.838	0.971	0.827	0.137	0.113	-17.5	0.137	0.113
51600	197765	916116	0.39728	0.1017	0.814	0.943	0.804	0.194	0.156	-19.6	0.194	0.156
51734	293301	372613	1.21932	0.0684	0.886	1.026	0.874	0.430	0.380	-11.6	0.430	0.380
51741	194356	800547	1.89044	0.0930	0.957	1.109	0.945	0.260	0.246	-5.4	0.260	0.246
51777	154586	630260	0.28082	0.0794	0.816	0.944	0.805	0.058	0.047	-19.0	0.058	0.047
51808	149575	815202	0.34852	0.0940	0.813	0.942	0.803	0.530	0.430	-18.9	0.530	0.430
51809	48423	238200	2.97080	0.0483	0.964	1.116	0.951	0.173	0.164	-5.2	0.173	0.164
51877	37141	323883	0.34929	0.0546	0.834	0.965	0.823	0.156	0.128	-18.0	0.156	0.128
51896	589173	3789266	0.49574	0.2779	0.760	0.880	0.750	0.017	0.013	-23.5	0.017	0.013
51900	12753	69024	1.48154	0.0322	0.882	1.021	0.870	0.098	0.085	-13.3	0.098	0.085
51909	0	11	0.00000	0.0261	0.839	0.972	0.828	0.048	0.040	-16.7	0.048	0.040
51926	439169	1815680	0.97959	0.1661	0.881	1.020	0.869	0.041	0.036	-12.2	0.041	0.036
51927	239015	1663964	1.30147	0.1568	0.931	1.078	0.918	0.100	0.092	-8.0	0.100	0.092
51934	19948	344339	0.00387	0.0560	0.814	0.942	0.803	0.082	0.066	-19.5	0.082	0.066
51956	1298316	6378134	0.85212	0.3875	0.858	0.993	0.846	0.140	0.119	-15.0	0.140	0.119
51957	1601537	7885584	0.97357	0.4363	0.911	1.054	0.898	0.370	0.330	-10.8	0.370	0.330
51960	4570	22373	0.00000	0.0281	0.838	0.970	0.826	0.300	0.248	-17.3	0.300	0.248
51982	10309	54430	0.00000	0.0310	0.835	0.967	0.824	0.068	0.056	-17.7	0.068	0.056
51986	19252	180669	2.28447	0.0421	0.922	1.067	0.909	0.082	0.075	-8.5	0.082	0.075
51999	138598	631367	0.13252	0.0795	0.804	0.931	0.793	0.320	0.250	-21.9	0.320	0.250
52075	39639	243378	0.86001	0.0474	0.862	0.998	0.850	0.197	0.167	-15.2	0.197	0.167
52134	2267164	11793529	0.72476	0.5346	0.789	0.913	0.778	0.560	0.440	-21.4	0.560	0.440
52315	679031	3235740	0.96914	0.2495	0.889	1.029	0.877	0.270	0.237	-12.2	0.270	0.237
52505	46705	236532	0.12221	0.0468	0.827	0.958	0.816	0.195	0.159	-18.5	0.195	0.159
52547	186144	986434	0.77334	0.1071	0.852	0.987	0.841	0.058	0.049	-15.5	0.058	0.049
52911	752971	4834661	0.77790	0.3289	0.834	0.966	0.823	0.420	0.350	-16.7	0.420	0.350
52967	23889	129378	0.00001	0.0378	0.829	0.960	0.818	0.052	0.043	-17.3	0.052	0.043

X-TILDE: 0.875

X-TILDE (MONOLINE): 0.864

PI-TILDE 0.0016779

TAU SQUARE: 0.03000

SIGMA SQUARED: 326430.920

L - CAPPED DOWN

U - CAPPED UP

N - NOT SUBJECT TO CAPPING

E - SUBJECT TO CAPPING EXCEPTION

LOSS COST % CHANGE BY CLASS

SUBLINE: PRODUCTS
 CLASS GROUP : 06
 NUMBER OF YEARS OF DATA USED: 5
 CHANGE FACTOR = INDEX * CG REL * SWRL USED = INDEX * 0.998 * 0.854

CLASS	AYE 2021	5 YEAR	5 YEAR	CRED.	FORMULA	INDEX	CHANGE	PRESENT	PROPOSED	STATE-	PRESENT	PROPOSED
	MONO/MULTI	MONO/MULTI	MONO/MULTI					MULTI-	MULTI-	WIDE		
	ALCCL	ALCCL	RATIO		ER		FACTOR	STATE	STATE	%	STATEWIDE	STATEWIDE
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	OCCUR	OCCUR	CHANGE	OCCUR	OCCUR
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
53121	55297	272446	1.89171	0.0499	0.913	1.057	0.901	0.460	0.410	-10.9	0.460	0.410
53333	84365	458720	1.07598	0.0655	0.876	1.014	0.864	0.249	0.215	-13.7	0.249	0.215
53631	560	2087	0.00000	0.0263	0.839	0.972	0.828	0.019	0.016	-15.8	0.019	0.016
53632	577	3011	0.00000	0.0264	0.839	0.971	0.828	0.029	0.024	-17.2	0.029	0.024
53732	1468986	7877403	0.92252	0.4388	0.888	1.029	0.876	0.450	0.390	-13.3	0.450	0.390
53733	3319323	18083672	0.90628	0.6356	0.890	1.031	0.878	0.177	0.155	-12.4	0.177	0.155
54077	819703	3650972	0.78584	0.2723	0.841	0.974	0.830	0.360	0.300	-16.7	0.360	0.300
55010	66669	349634	0.02141	0.0576	0.813	0.942	0.802	0.760	0.610	-19.7	0.760	0.610
55011	699718	3173491	0.91286	0.2482	0.874	1.012	0.863	2.010	1.730	-13.9	2.010	1.730
55012	7992	177423	2.97253	0.0419	0.950	1.100	0.938	0.920	0.860	-6.5	0.920	0.860
55013	278749	1995081	1.04917	0.1789	0.895	1.037	0.883	1.130	1.000	-11.5	1.130	1.000
55214	1258	6434	0.00000	0.0267	0.839	0.971	0.827	0.075	0.062	-17.3	0.075	0.062
55715	15382	176121	1.31562	0.0420	0.881	1.020	0.869	0.169	0.147	-13.0	0.169	0.147
55716	51045	208726	0.00000	0.0445	0.823	0.953	0.812	0.41	0.330	-19.5	0.410	0.330
56202	44265	383047	0.71377	0.0594	0.853	0.988	0.841	0.063	0.053	-15.9	0.063	0.053
56390	356868	1817512	1.23331	0.1746	0.927	1.073	0.914	0.64	0.590	-7.8	0.640	0.590
56391	499583	2608398	0.93625	0.2178	0.878	1.017	0.866	0.25	0.217	-13.2	0.250	0.217
56427	19660	88807	0.41299	0.0340	0.846	0.980	0.835	0.107	0.089	-16.8	0.107	0.089
56690	3181	18203	0.83684	0.0277	0.861	0.997	0.849	0.31	0.260	-16.1	0.310	0.260
56699	271051	1617840	0.27110	0.1527	0.772	0.893	0.761	0.078	0.059	-24.4	0.078	0.059
56916	1478917	6651057	1.21993	0.3970	1.004	1.162	0.990	0.26	0.260	0.0	0.260	0.260
57090	127407	675125	1.08825	0.0850	0.881	1.020	0.869	0.83	0.720	-13.3	0.830	0.720
57401	15056	65201	0.00000	0.0319	0.834	0.966	0.823	0.079	0.065	-17.7	0.079	0.065
57403	630	3248	0.00000	0.0264	0.839	0.971	0.828	0.03	0.025	-16.7	0.030	0.025
57572	43441	371137	1.54749	0.0582	0.902	1.044	0.890	0.094	0.084	-10.6	0.094	0.084
57600	44132	263606	0.70656	0.0496	0.854	0.989	0.843	0.03	0.025	-16.7	0.030	0.025
57611	17202	147801	0.00000	0.0408	0.827	0.957	0.815	0.044	0.036	-18.2	0.044	0.036
57690	230920	1292312	0.70242	0.1302	0.841	0.974	0.830	0.38	0.320	-15.8	0.380	0.320
57716	348419	1450231	0.96425	0.1416	0.876	1.015	0.864	0.08	0.069	-13.8	0.080	0.069
57725	1073342	4977827	0.82895	0.3425	0.851	0.985	0.839	0.083	0.070	-15.7	0.083	0.070
57726	76246	437812	1.07467	0.0642	0.875	1.014	0.864	0.025	0.022	-12.0	0.025	0.022
57810	1582	18889	5.84092	0.0278	1.000	1.158	0.987	0.09	0.089	-1.1	0.090	0.089
57871	28691	329741	0.01136	0.0547	0.815	0.944	0.804	0.091	0.073	-19.8	0.091	0.073
57998	16727	105146	3.23379	0.0355	0.946	1.095	0.933	0.047	0.044	-6.4	0.047	0.044
57999	3399	16569	0.78381	0.0276	0.860	0.995	0.848	0.065	0.055	-15.4	0.065	0.055
58095	993449	5899699	0.89513	0.3696	0.874	1.012	0.862	1.22	1.050	-13.9	1.220	1.050
58096	1742398	9205160	0.75886	0.4749	0.813	0.941	0.802	1.35	1.080	-20.0	1.350	1.080

X-TILDE: 0.875 X-TILDE (MONOLINE): 0.864 PI-TILDE 0.0016779
 TAU SQUARE: 0.03000 SIGMA SQUARED: 326430.920

L - CAPPED DOWN
 U - CAPPED UP
 N - NOT SUBJECT TO CAPPING
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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		
	ALCCL	ALCCL	RATIO					STATE	STATE	%		
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	OCCUR	OCCUR	CHANGE	OCCUR	OCCUR
58301	125338	524502	1.20340	0.0729	0.887	1.027	0.875	0.086	0.075	-12.8	0.086	0.075
58302	51994	246788	0.00911	0.0478	0.821	0.951	0.810	0.042	0.034	-19.1	0.042	0.034
58397	1230611	5491284	0.52150	0.3536	0.741	0.858	0.731	0.45	0.330	-26.7	0.450	0.330
58575	935	45883	0.03951	0.0302	0.837	0.969	0.826	0.098	0.081	-17.4	0.098	0.081
58663	912392	4131327	0.38412	0.2944	0.721	0.835	0.711	0.65	0.460	-29.2	0.650	0.460
58802	32092	175665	0.03368	0.0419	0.827	0.958	0.816	0.39	0.320	-18.0	0.390	0.320
58837	10128	44087	0.00000	0.0300	0.836	0.968	0.825	0.155	0.128	-17.4	0.155	0.128
58840	5631	24332	0.27540	0.0283	0.845	0.979	0.834	0.11	0.092	-16.4	0.110	0.092
58873	280345	1149365	0.74166	0.1212	0.847	0.981	0.836	0.021	0.018	-14.3	0.021	0.018
58904	0	10633	0.00000	0.0270	0.838	0.971	0.827	0.108	0.089	-17.6	0.108	0.089
58922	1884124	8367965	1.03848	0.4500	0.941	1.090	0.929	0.189	0.176	-6.9	0.189	0.176
59005	150729	877410	1.12430	0.0988	0.888	1.028	0.876	0.063	0.055	-12.7	0.063	0.055
59188	117	1152	0.00000	0.0262	0.839	0.972	0.828	0.047	0.039	-17.0	0.047	0.039
59189	4025	20824	0.00000	0.0279	0.838	0.970	0.826	0.25	0.207	-17.2	0.250	0.207
59223	218958	1218631	1.47011	0.1244	0.937	1.085	0.925	0.128	0.118	-7.8	0.128	0.118
59378	2484	2483	0.00000	0.0263	0.839	0.972	0.828	0.124	0.103	-16.9	0.124	0.103
59481	78003	506280	0.72653	0.0701	0.852	0.987	0.841	0.096	0.081	-15.6	0.096	0.081
59701	646	38962	4.56682	0.0296	0.971	1.125	0.958	0.38	0.360	-5.3	0.380	0.360
59713	392379	2011986	0.70530	0.1785	0.834	0.965	0.823	0.3	0.247	-17.7	0.300	0.247
59722	37981	227214	0.32898	0.0460	0.837	0.969	0.826	0.023	0.019	-17.4	0.023	0.019
59723	11684	62697	0.00000	0.0317	0.834	0.966	0.823	0.03	0.025	-16.7	0.030	0.025
59726	87357	542875	1.35947	0.0724	0.898	1.039	0.886	0.023	0.020	-13.0	0.023	0.020
59738	7918	43290	0.00000	0.0299	0.836	0.968	0.825	0.052	0.043	-17.3	0.052	0.043
59773	24	24	0.00000	0.0261	0.839	0.972	0.828	0.023	0.019	-17.4	0.023	0.019
59774	462	2030	0.00000	0.0263	0.839	0.972	0.828	0.127	0.105	-17.3	0.127	0.105
59775	0	0	0.00000	0.0000	0.862	1.000	0.852	0.156	0.133	-14.7	0.156	0.133
59798	1020644	3957168	1.00975	0.2871	0.904	1.047	0.892	0.33	0.290	-12.1	0.330	0.290
59886	9718	73827	0.00000	0.0327	0.834	0.965	0.822	0.087	0.072	-17.2	0.087	0.072
59889	15231	83432	2.86318	0.0335	0.929	1.075	0.916	0.192	0.176	-8.3	0.192	0.176
59914	1110391	5215455	1.00332	0.3431	0.910	1.054	0.898	0.65	0.580	-10.8	0.650	0.580
59915	82868	476716	2.41374	0.0671	0.966	1.118	0.953	0.53	0.510	-3.8	0.530	0.510
59917	124378	658734	1.18680	0.0819	0.888	1.029	0.876	0.222	0.195	-12.2	0.222	0.195
59931	109541	617987	0.89608	0.0786	0.864	1.001	0.853	0.37	0.320	-13.5	0.370	0.320
59932	2885	77432	0.00000	0.0330	0.833	0.965	0.822	0.69	0.570	-17.4	0.690	0.570
59947	15795	67684	0.00000	0.0321	0.834	0.966	0.823	0.26	0.214	-17.7	0.260	0.214
59955	18503	91818	1.22745	0.0342	0.874	1.012	0.863	0.114	0.098	-14.0	0.114	0.098
59970	28938	105086	0.00000	0.0354	0.831	0.962	0.820	0.147	0.121	-17.7	0.147	0.121

X-TILDE: 0.875

X-TILDE (MONOLINE): 0.864

PI-TILDE 0.0016779

TAU SQUARE: 0.03000

SIGMA SQUARED: 326430.920

L - CAPPED DOWN

U - CAPPED UP

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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 MONO/MULTI ALCCL (1)	5 YEAR MONO/MULTI ALCCL (2)	5 YEAR MONO/MULTI EXPERIENCE RATIO (3)	CRED. (4)	FORMULA ER (5)	INDEX (6)	CHANGE FACTOR (7)	PRESENT MULTI- STATE OCCUR (8)	PROPOSED MULTI- STATE OCCUR (9)	STATE- WIDE % CHANGE (10)	PRESENT STATEWIDE OCCUR (11)	PROPOSED STATEWIDE OCCUR (12)
59975	468707	2171342	0.36854	0.1885	0.769	0.890	0.758	0.13	0.099	-23.9	0.130	0.099
59984	68192	213701	0.37611	0.0452	0.840	0.972	0.828	0.041	0.034	-17.1	0.041	0.034
59988	792	4014	0.00000	0.0264	0.839	0.971	0.828	0.05	0.041	-18.0	0.050	0.041
59989	14	89	0.00000	0.0261	0.839	0.972	0.828	0.037	0.031	-16.2	0.037	0.031

X-TILDE: 0.875
 TAU SQUARE: 0.03000

X-TILDE (MONOLINE): 0.864
 SIGMA SQUARED: 326430.920

PI-TILDE 0.0016779

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 U - CAPPED UP
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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		5 YEAR		CHANGE	PRESENT	PROPOSED	STATE-	PRESENT	PROPOSED	
	MONO/MULTI		MONO/MULTI		EXPERIENCE			MULTI-	MULTI-	WIDE		STATEWIDE	STATEWIDE
	ALCCL	ALCCL	RATIO	CRED.	ER	INDEX		STATE	STATE	%		OCURR	OCURR
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	
49239	43387	255248	0.18088	0.1380	0.653	0.889	0.746	0.360	0.270	-25.0	0.360	0.270	
50010	45088	165354	2.35869	0.1240	0.931	1.267	1.063	0.330	0.350	6.1	0.330	0.350	
51205	1771	7110	0.00000	0.0980	0.657	0.894	0.751	0.046	0.035	-23.9	0.046	0.035	
51206	440	20920	2.88727	0.1003	0.945	1.286	1.080	0.370	0.400	8.1	0.370	0.400	
51220	109837	413223	0.39495	0.1618	0.675	0.918	0.771	1.480	1.140	-23.0	1.480	1.140	
51221	1288380	3300434	0.60006	0.4589	0.670	0.911	0.765	1.470	1.120	-23.8	1.470	1.120	
51222	422568	1493337	0.30954	0.2949	0.605	0.823	0.691	4.760	3.290	-30.9	4.760	3.290	
51224	1027212	4665834	0.70344	0.5249	0.715	0.974	0.817	1.170	0.960	-18.0	1.170	0.960	
51230	0	0	0.00000	0.0000	0.729	1.000	0.840	0.640	0.540	-15.6	0.640	0.540	
51252	874552	4764774	0.97627	0.5255	0.859	1.169	0.981	0.061	0.060	-1.6	0.061	0.060	
51254	132	35253	0.00000	0.1027	0.654	0.890	0.747	0.025	0.019	-24.0	0.025	0.019	
51333	65595	438915	1.54858	0.1782	0.875	1.190	0.999	0.280	0.280	0.0	0.280	0.280	
51958	197236	1320935	0.47478	0.2749	0.659	0.897	0.753	0.310	0.233	-24.8	0.310	0.233	
51970	666300	2906110	0.97259	0.4137	0.830	1.129	0.948	0.138	0.131	-5.1	0.138	0.131	
52433	52426	242814	0.00000	0.1361	0.629	0.857	0.719	0.650	0.470	-27.7	0.650	0.470	
52581	0	149848	1.00396	0.1211	0.762	1.037	0.871	1.800	1.570	-12.8	1.800	1.570	
52744	1171	27895	0.00000	0.1014	0.655	0.891	0.748	0.052	0.039	-25.0	0.052	0.039	
53077	186568	902866	0.77524	0.2279	0.739	1.006	0.845	0.204	0.172	-15.7	0.204	0.172	
55597	0	0	0.00000	0.0000	0.729	1.000	0.840	1.450	1.220	-15.9	1.450	1.220	
55918	394	8999	0.00000	0.0983	0.657	0.894	0.751	1.760	1.320	-25.0	1.760	1.320	
55919	0	0	0.00000	0.0000	0.729	1.000	0.840	2.950	2.480	-15.9	2.950	2.480	
56912	1056559	5155460	0.87326	0.5390	0.807	1.098	0.922	0.089	0.082	-7.9	0.089	0.082	
57146	437620	2221623	0.95186	0.3608	0.809	1.101	0.924	0.640	0.590	-7.8	0.640	0.590	
58737	20229	100482	0.00000	0.1134	0.646	0.879	0.738	0.490	0.360	-26.5	0.490	0.360	
59601	201771	923121	0.60408	0.2328	0.700	0.952	0.799	1.800	1.440	-20.0	1.800	1.440	
59660	468433	2344488	0.27622	0.3704	0.561	0.764	0.641	0.830	0.550	-33.7	0.830	0.550	
59724	28221	150288	1.75995	0.1216	0.854	1.162	0.976	0.016	0.016	0.0	0.016	0.016	
59725	742795	3639562	0.56284	0.4608	0.652	0.888	0.745	0.126	0.094	-25.4	0.126	0.094	
59750	0	12163	0.00000	0.0988	0.657	0.894	0.750	0.141	0.106	-24.8	0.141	0.106	
59781	305726	2206194	0.54051	0.3589	0.661	0.900	0.755	0.065	0.049	-24.6	0.065	0.049	
59782	408080	2777837	1.11411	0.4078	0.886	1.206	1.012	0.620	0.630	1.6	0.620	0.630	

L

X-TILDE: 0.750

X-TILDE (MONOLINE): 0.735

PI-TILDE 0.0059713

TAU SQUARE: 0.03000

SIGMA SQUARED: 162138.754

L - CAPPED DOWN

U - CAPPED UP

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MULTISTATE
LOCAL PRODUCTS/COMPLETED OPERATIONS
CALCULATION OF AGGREGATE LOSS COSTS
AT CURRENT LEVEL
COMBINED SINGLE LIMIT

TYPE OF POLICY	ACCIDENT YEAR ENDING	\$100,000	X	EXPOSURE DEVELOPMENT FACTOR +	X	EXPOSURE TREND #	X	AVERAGE IPMF *	=	TRENDED \$100,000
		BASIC LIMIT								BASIC LIMIT
		AGGREGATE LOSS COSTS AT CURRENT LEVEL								AGGREGATE LOSS COSTS AT CURRENT LEVEL
MONOLINE	12/31/2018	\$110,857,053		1.000		1.231				\$136,465,032
	12/31/2019	\$116,101,378		1.000		1.200				\$139,321,654
	12/31/2020	\$117,531,100		1.000		1.170				\$137,511,387
	12/31/2021	\$120,971,422		1.021		1.123				\$138,703,776
MULTILINE	12/31/2018	\$232,400,047		1.000		1.234		0.993		\$284,774,186
	12/31/2019	\$237,353,821		1.000		1.204		0.994		\$284,059,357
	12/31/2020	\$234,455,174		1.000		1.178		0.994		\$274,531,066
	12/31/2021	\$236,379,549		1.021		1.129		0.993		\$270,569,496
TOTAL	12/31/2018									\$421,239,218
	12/31/2019									\$423,381,011
	12/31/2020									\$412,042,453
	12/31/2021									\$409,273,272

+ THE DERIVATION OF THE EXPOSURE DEVELOPMENT FACTOR IS SHOWN IN SECTION C, EXHIBIT C18 - CALCULATION OF EXPOSURE DEVELOPMENT FACTORS.

AGGREGATE LOSS COSTS AT CURRENT LEVEL HAVE BEEN TRENDED FROM AN AVERAGE DATE OF COVERAGE TO ONE YEAR BEYOND AN ASSUMED EFFECTIVE DATE OF 10/01/2023 BY AN EXPONENTIAL PROJECTION OF THE AVERAGE ANNUAL EXPOSURE TREND FACTOR. THE DERIVATION OF THIS EXPOSURE TREND FACTOR IS SHOWN IN SECTION C, EXHIBIT C21 - AVERAGE ANNUAL EXPOSURE TRENDS.

* THE IMPLICIT PACKAGE MODIFICATION FACTORS APPLIED TO THE DATA FOR INDIVIDUAL PROGRAMS ARE SHOWN IN SECTION C, EXHIBIT C17 - IMPLICIT PACKAGE MODIFICATION FACTORS BY TYPE OF POLICY.

NOTE: THE FACTORS SHOWN ABOVE ARE WEIGHTED AVERAGES OVER ALL STATES.

MULTISTATE
LOCAL PRODUCTS/COMPLETED OPERATIONS
OCCURRENCE
FULL COVERAGE
CALCULATION OF INCURRED LOSSES

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	X	X	X	X	X	=					
			BASIC LIMIT LOSSES AND ALAE *	BASIC LIMIT INDEMNITY DEVELOPMENT FACTOR #								UNALLOCATED LOSS ADJUSTMENT FACTOR	SEVERITY TREND	FREQUENCY TREND	BASIC LIMIT DEVELOPED & TRENDED LOSSES AND ALAE
BI	B/L INDEMNITY	12/31/2018	\$3,629,714	1.054		1.075		1.571	1.000		\$6,458,831				
		12/31/2019	\$3,628,368	1.229		1.075		1.462	1.000		\$7,006,984				
		12/31/2020	\$2,839,986	1.426		1.075		1.360	1.000		\$5,921,179				
		12/31/2021	\$1,952,335	2.922		1.075		1.265	1.000		\$7,756,710				
BI	ALAE	12/31/2018	\$3,272,053			1.075		1.571	1.000		\$5,525,925				
		12/31/2019	\$3,940,356			1.075		1.462	1.000		\$6,192,860				
		12/31/2020	\$3,275,086			1.075		1.360	1.000		\$4,788,176				
		12/31/2021	\$3,704,433			1.075		1.265	1.000		\$5,037,566				
PD	B/L INDEMNITY	12/31/2018	\$26,228,463	1.306		1.075		1.278	1.000		\$47,075,605				
		12/31/2019	\$21,118,524	1.417		1.075		1.229	1.000		\$39,529,263				
		12/31/2020	\$15,788,444	1.662		1.075		1.181	1.000		\$33,315,420				
		12/31/2021	\$12,597,201	2.006		1.075		1.136	1.000		\$30,852,474				
PD	ALAE	12/31/2018	\$26,665,860			1.075		1.278	1.000		\$36,634,891				
		12/31/2019	\$26,374,975			1.075		1.229	1.000		\$34,845,957				
		12/31/2020	\$20,329,477			1.075		1.181	1.000		\$25,809,796				
		12/31/2021	\$18,938,753			1.075		1.136	1.000		\$23,128,005				
TOTAL DED COVERAGE		12/31/2018									\$95,695,252				
		12/31/2019									\$87,575,064				
		12/31/2020									\$69,834,571				
		12/31/2021									\$66,774,755				
TOTAL OCCURRENCE		12/31/2018									\$430,893,689				
		12/31/2019									\$411,618,380				
		12/31/2020									\$368,448,880				
		12/31/2021									\$383,596,651				

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

The indemnity development factors shown are weighted averages over all states and all Local Products/Completed Operations class groups.

Utah

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	1.077
35	Not Applicable	--
36	Service Policy	0.944
37	Industrial / Processing Policy	0.822
38	Contractors Policy	1.012

- (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.

UTAH

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	1.033	0.9066	1.032	2,600,000
27 to 39 Months	1.000	1.000	0.4604	1.000	29,000,000
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	1.032	1.000	1.000		1.032

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

UTAH
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	6,893,955	7,009,166	7,013,055	7,021,195	7,021,245	7,021,245	7,021,245	7,021,245
12/31/2015	6,864,054	7,010,514	7,010,236	7,010,579	7,010,579	7,010,600	7,010,600	
12/31/2016	7,228,868	7,483,965	7,475,978	7,474,259	7,474,756	7,474,756		
12/31/2017	7,668,713	7,910,521	7,881,100	7,880,983	7,883,047			
12/31/2018	8,062,057	8,214,668	8,211,336	8,216,738				
12/31/2019	8,342,671	8,614,030	8,632,858					
12/31/2020	8,825,417	9,289,776						
12/31/2021	9,322,916							

LINK RATIOS

Accident Year Ending	27:15	39:27	51:39	63:51	75:63	87:75	99:87
12/31/2014	1.017	1.001	1.001	1.000	1.000	1.000	1.000
12/31/2015	1.021	1.000	1.000	1.000	1.000	1.000	
12/31/2016	1.035	0.999	1.000	1.000	1.000		
12/31/2017	1.032	0.996	1.000	1.000			
12/31/2018	1.019	1.000	1.001				
12/31/2019	1.033	1.002					
12/31/2020	1.053						

Average Best 3 of 5
27:15 39:27
 1.033 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

UTAH

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	4.530	0.4378	2.010*	470,000
27 to 39 Months	1.491	1.234	0.5464	1.351	510,000
39 to 51 Months	1.127	0.953	0.5728	1.027	550,000
51 to 63 Months	1.008	1.093	0.4631	1.047	600,000
63 to 75 Months	0.996	1.000	0.3785	0.998	650,000
75 to 87 Months	1.004	1.000	0.2388	1.003	700,000
87 to 99 Months	0.991	1.000	0.1281	0.992	760,000
99 to 111 Months	0.995	1.000	0.1466	0.996	820,000
111 to 123 Months	0.994	1.000	0.2518	0.996	890,000
123 to 135 Months	0.999	1.000	0.2501	0.999	970,000
135 to 147 Months	1.001	1.000	0.2827	1.001	1,100,000
147 to 159 Months	0.997	1.000	0.2410	0.998	1,100,000
159 to 171 Months	0.998	1.000	0.2533	0.999	1,300,000
171 to 183 Months	1.001	1.000	0.1880	1.001	1,300,000
183 to 195 Months	1.000	1.000	0.1654	1.000	1,500,000
195 to 207 Months	1.000	1.000	0.1469	1.000	1,600,000
207 to 219 Months	1.000	1.000	0.1036	1.000	1,800,000
219 to 231 Months	1.000	1.000	0.0517	1.000	1,900,000
231 to 243 Months	1.000	1.000	0.0012	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			1.027	1.047	0.998	1.003	0.992	0.996	0.996	0.999	1.001
12/31/2020		1.351	1.027	1.047	0.998	1.003	0.992	0.996	0.996	0.999	1.001
12/31/2021	2.010	1.351	1.027	1.047	0.998	1.003	0.992	0.996	0.996	0.999	1.001
	159:147	171:159	183:171	195:183	207:195	219:207	231:219	243:231	ULT:243		Factor
12/31/2019	0.998	0.999	1.001	1.000	1.000	1.000	1.000	1.000	1.000		1.056
12/31/2020	0.998	0.999	1.001	1.000	1.000	1.000	1.000	1.000	1.000		1.426
12/31/2021	0.998	0.999	1.001	1.000	1.000	1.000	1.000	1.000	1.000		2.866

(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 Utah Completed Operations data, the 15 to 27 months multistate ratio was used to calculate ultimate losses.

UTAH

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 ALAE as of A.Y.E 3/31/2022	\$500,000 Ultimate Indemnity	ALAE Factor	Additional ALAE	ALAE at 171 Months	171-Ultimate Factor	Ultimate ALAE
12/31/2019	1,444	592,065	0.269	158,969	160,413	1.008	161,697
12/31/2020	17,779	344,980	0.379	130,644	148,423	1.008	149,610
12/31/2021	8,924	3,729,869	0.434	1,617,271	1,626,195	1.008	1,639,205

(A) See Exhibit C19 - Multistate Loss Development.

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

UTAH

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	1.048	0.7004	1.108	910,000
27 to 39 Months	1.113	1.100	0.6709	1.104	990,000
39 to 51 Months	1.087	1.083	0.6872	1.084	1,100,000
51 to 63 Months	1.041	1.016	0.6754	1.024	1,200,000
63 to 75 Months	1.047	0.973	0.6777	0.997	1,300,000
75 to 87 Months	1.042	0.979	0.5878	1.005	1,400,000
87 to 99 Months	1.025	0.953	0.5688	0.984	1,500,000
99 to 111 Months	1.026	0.970	0.5485	0.995	1,600,000
111 to 123 Months	1.010	0.987	0.5554	0.997	1,700,000
123 to 135 Months	1.004	0.951	0.5210	0.976	1,800,000
135 to 147 Months	1.003	0.997	0.5173	1.000	2,000,000
147 to 159 Months	1.003	0.979	0.4465	0.992	2,100,000
159 to 171 Months	1.005	1.000	0.4355	1.003	2,300,000
171 to 183 Months	1.004	1.000	0.3023	1.003	2,500,000
183 to 195 Months	1.005	1.000	0.2956	1.004	2,700,000
195 to 207 Months	1.001	1.000	0.1298	1.001	2,900,000
207 to 219 Months	1.000	1.000	0.1219	1.000	3,100,000
219 to 231 Months	1.000	1.000	0.0727	1.000	3,300,000
231 to 243 Months	1.000	1.000	0.0515	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			1.084	1.024	0.997	1.005	0.984	0.995	0.997	0.976	1.000
12/31/2020		1.104	1.084	1.024	0.997	1.005	0.984	0.995	0.997	0.976	1.000
12/31/2021	1.108	1.104	1.084	1.024	0.997	1.005	0.984	0.995	0.997	0.976	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>	<u>ULT:243</u>		<u>Factor</u>
12/31/2019	0.992	1.003	1.003	1.004	1.001	1.000	1.000	1.000	1.000	1.000	1.063
12/31/2020	0.992	1.003	1.003	1.004	1.001	1.000	1.000	1.000	1.000	1.000	1.174
12/31/2021	0.992	1.003	1.003	1.004	1.001	1.000	1.000	1.000	1.000	1.000	1.300

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

UTAH

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 ALAE as of	\$500,000 Ultimate	ALAE Factor	Additional ALAE	ALAE at 171 Months	171-Ultimate Factor	Ultimate ALAE
A.Y.E	3/31/2022	Indemnity					
12/31/2019	162,837	1,344,655	0.335	450,997	613,834	1.029	631,635
12/31/2020	95,475	1,633,771	0.415	677,525	773,000	1.029	795,417
12/31/2021	89,978	2,179,790	0.477	1,038,888	1,128,866	1.029	1,161,603

(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
UTAH
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	0	0	2,000	2,516	2,621	2,621	2,490	2,490	2,841	2,462	2,462
12/31/2003	1,055	3,055	101,055	101,055	101,055	101,055	101,055	101,055	101,055	101,055	101,055
12/31/2004	1,000	31,750	9,500	104,500	104,500	104,500	104,500	104,500	104,500	104,500	104,500
12/31/2005	0	0	55,000	32,500	47,500	47,500	70,000	70,000	70,000	70,003	70,000
12/31/2006	20,900	77,220	132,720	92,720	122,720	122,720	122,720	122,720	122,720	122,720	122,720
12/31/2007	105,281	105,281	108,281	108,281	108,281	108,281	108,281	108,281	108,281	108,281	108,281
12/31/2008	152,192	200,051	130,001	210,000	235,000	210,000	210,000	210,000	210,000	210,000	210,000
12/31/2009	20,926	23,526	30,926	40,926	30,926	30,926	30,926	30,926	30,926	30,926	30,926
12/31/2010	5,000	200,000	135,000	157,000	373,364	286,752	192,567	192,567	192,567	192,567	192,567
12/31/2011	0	0	25,000	86,381	70,000	100,000	100,000	100,000	100,000	100,000	100,000
12/31/2012	4,500	0	25,369	0	7,000	7,000	7,000	7,000	7,000	7,000	
12/31/2013	78,164	143,783	191,811	67,543	71,311	71,311	71,311	33,811	33,811		
12/31/2014	8,888	8,348	38,848	33,348	33,348	33,348	33,348	33,348			
12/31/2015	89,806	15,000	115,000	115,000	115,000	115,000	115,000				
12/31/2016	2,502	212,500	262,500	202,609	247,500	249,948					
12/31/2017	51,350	168,350	200,000	200,001	300,000						
12/31/2018	215,000	215,001	275,000	375,002							
12/31/2019	25,000	231,001	231,000								
12/31/2020	126,000	135,000									
12/31/2021	335,937										

A.Y.E.	147 Months	159 Months	171 Months	183 Months	195 Months	207 Months	219 Months	231 Months	243 Months
12/31/2002	2,462	2,462	2,462	2,462	2,462	2,462	2,462	2,462	2,462
12/31/2003	101,055	101,055	101,055	101,055	101,055	101,055	101,055	101,055	
12/31/2004	104,500	104,500	104,500	104,500	104,500	104,500	104,500		
12/31/2005	70,000	70,000	70,000	70,000	70,000	70,000			
12/31/2006	122,720	122,720	122,720	122,720	122,720				
12/31/2007	108,281	108,281	108,281	108,281					
12/31/2008	210,000	210,000	210,000						
12/31/2009	30,926	30,926							
12/31/2010	192,567								

Completed Operations (Subline Code 336)
Full Coverage
UTAH
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			1.258	1.042	1.000	0.950	1.000	1.141	0.867	1.000	1.000
12/31/2003	2.896	33.079	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
12/31/2004	31.750	0.299	11.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
12/31/2005			0.591	1.462	1.000	1.474	1.000	1.000	1.000	1.000	1.000
12/31/2006	3.695	1.719	0.699	1.324	1.000	1.000	1.000	1.000	1.000	1.000	1.000
12/31/2007	1.000	1.028	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
12/31/2008	1.314	0.650	1.615	1.119	0.894	1.000	1.000	1.000	1.000	1.000	1.000
12/31/2009	1.124	1.315	1.323	0.756	1.000	1.000	1.000	1.000	1.000	1.000	1.000
12/31/2010	40.000	0.675	1.163	2.378	0.768	0.672	1.000	1.000	1.000	1.000	1.000
12/31/2011			3.455	0.810	1.429	1.000	1.000	1.000	1.000	1.000	1.000
12/31/2012	0.000		0.000		1.000	1.000	1.000	1.000	1.000		
12/31/2013	1.840	1.334	0.352	1.056	1.000	1.000	0.474	1.000			
12/31/2014	0.939	4.654	0.858	1.000	1.000	1.000	1.000				
12/31/2015	0.167	7.667	1.000	1.000	1.000	1.000					
12/31/2016	84.932	1.235	0.772	1.222	1.010						
12/31/2017	3.278	1.188	1.000	1.500							
12/31/2018	1.000	1.279	1.364								
12/31/2019	9.240	1.000									
12/31/2020	1.071										
3 Yr Mean	3.770	1.156	1.045	1.241	1.003	1.000	0.825	1.000	1.000	1.000	1.000
Best 3/5	4.530	1.234	0.953	1.093	1.000	1.000	1.000	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	1.000			
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											
<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	1.000	1.000
12/31/2018				1.093	1.000	1.000	1.000	1.000	1.000	1.000	1.000
12/31/2019			0.953	1.093	1.000	1.000	1.000	1.000	1.000	1.000	1.000
12/31/2020		1.234	0.953	1.093	1.000	1.000	1.000	1.000	1.000	1.000	1.000
12/31/2021	4.530	1.234	0.953	1.093	1.000	1.000	1.000	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/U1t</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	1.093	
12/31/2019	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.042	
12/31/2020	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.285	
12/31/2021	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	5.823	

Bold - Calculated Using Modified Bondy Method

Italics - Three year mean Excludes Modified Bondy ratios

Completed Operations (Subline Code 336)
Full Coverage
UTAH
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	2,860	3,026	4,319	4,507	4,590	4,660	4,660	4,660	4,660
12/31/2003	0	5,109	67,271	73,585	73,585	73,585	73,585	73,585	73,585	73,585	73,585
12/31/2004	0	4,131	12,782	119,881	119,881	119,881	119,881	119,881	119,881	119,881	119,881
12/31/2005	0	0	45,001	53,687	73,689	73,688	73,689	69,895	69,895	69,895	69,895
12/31/2006	21	21	17,618	6,855	6,997	2,744	26,840	26,840	26,840	26,840	26,840
12/31/2007	17,196	181,299	188,219	188,219	188,219	188,219	188,219	188,219	188,219	188,219	188,219
12/31/2008	125,000	95,428	90,587	72,818	92,818	73,938	73,938	73,938	73,938	73,938	73,938
12/31/2009	583	583	20,582	15,878	7,987	7,987	7,987	7,987	7,987	7,987	7,987
12/31/2010	0	0	51,512	51,563	73,593	116,758	117,559	118,083	118,083	118,083	118,083
12/31/2011	0	0	60,000	100,427	164,449	255,427	255,427	255,427	255,427	255,427	255,427
12/31/2012	0	0	34,630	47,001	50,241	50,241	50,241	50,241	50,241	50,241	50,241
12/31/2013	0	4,093	14,955	63,734	77,433	77,433	77,433	55,470	55,470		
12/31/2014	569	569	929	3,996	10,624	10,624	10,624	10,624			
12/31/2015	15,196	46,264	87,476	87,476	87,476	87,476	87,476				
12/31/2016	0	33,892	93,852	292,912	297,586	311,264					
12/31/2017	19,997	59,997	49,306	69,686	80,137						
12/31/2018	3,479	53,088	119,013	141,909							
12/31/2019	0	469	1,444								
12/31/2020	17,779	17,779									
12/31/2021	8,924										

<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	4,660	4,660	4,660	4,660	4,660	4,660	4,660	4,660	4,660
12/31/2003	73,585	73,585	73,585	73,585	73,585	73,585	73,585	73,585	
12/31/2004	119,881	119,881	119,881	119,881	119,881	119,881	119,881		
12/31/2005	69,895	69,895	70,433	70,433	70,433	70,433			
12/31/2006	26,840	26,840	26,840	26,840	26,840				
12/31/2007	188,219	188,219	188,219	188,219					
12/31/2008	73,938	73,938	73,938						
12/31/2009	7,987	7,987							
12/31/2010	118,083								

Completed Operations (Subline Code 336)

Full Coverage

UTAH

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	86,757	90,510	225,010	206,725	189,853	209,853	199,863	202,427	194,853	194,853	189,853
12/31/2003	96,609	61,313	61,313	68,749	68,759	68,749	68,749	68,749	68,749	68,749	93,749
12/31/2004	49,183	124,183	128,930	118,930	199,930	137,323	194,930	214,400	199,930	171,930	171,930
12/31/2005	81,966	176,958	168,002	193,002	171,099	191,099	230,599	221,099	221,099	221,099	191,861
12/31/2006	336,702	417,891	460,521	670,820	604,263	612,049	756,699	838,191	702,365	818,817	773,255
12/31/2007	200,784	182,861	185,667	116,992	144,492	122,400	131,992	131,992	190,992	249,266	126,647
12/31/2008	553,375	835,189	938,788	958,045	1,031,764	947,726	880,873	905,816	905,816	906,015	935,816
12/31/2009	347,558	573,698	623,540	682,645	701,054	680,577	680,577	695,579	702,577	677,592	627,289
12/31/2010	471,965	740,225	863,555	790,355	491,005	549,944	686,610	745,831	588,191	579,891	579,891
12/31/2011	534,320	572,015	576,087	557,601	614,531	1,021,771	970,936	742,929	718,838	700,165	649,351
12/31/2012	524,507	454,313	673,205	603,664	792,736	852,276	910,293	866,631	817,036	817,036	
12/31/2013	571,954	484,486	474,176	400,534	441,226	364,418	359,670	334,171	333,428		
12/31/2014	999,900	667,499	618,261	769,846	910,436	768,320	708,327	693,534			
12/31/2015	825,313	726,517	814,254	801,845	788,599	863,596					
12/31/2016	787,252	845,963	964,351	1,073,766	1,034,027	1,034,027					
12/31/2017	617,940	610,236	550,666	621,713	557,432						
12/31/2018	900,923	868,714	901,553	909,069							
12/31/2019	482,871	539,271	690,129								
12/31/2020	743,510	803,921									
12/31/2021	763,323										

A.Y.E.	147 Months	159 Months	171 Months	183 Months	195 Months	207 Months	219 Months	231 Months	243 Months
12/31/2002	189,853	189,853	189,853	189,853	189,853	189,853	189,853	189,853	189,853
12/31/2003	68,749	68,749	68,749	68,749	68,749	68,749	68,749	68,749	
12/31/2004	171,930	171,930	171,930	171,930	171,930	171,930	171,930		
12/31/2005	191,861	191,861	191,861	191,861	191,861	191,861			
12/31/2006	776,291	773,060	769,507	769,507	769,507				
12/31/2007	139,678	121,992	121,992	121,992					
12/31/2008	935,566	879,591	879,591						
12/31/2009	618,577	618,577							
12/31/2010	565,891								

Completed Operations (Subline Code 336)
Full Coverage
UTAH
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	1.043	2.486	0.919	0.918	1.105	0.952	1.013	0.963	1.000	0.974	1.000
12/31/2003	0.635	1.000	1.121	1.000	1.000	1.000	1.000	1.000	1.000	1.364	0.733
12/31/2004	2.525	1.038	0.922	1.681	0.687	1.420	1.100	0.933	0.860	1.000	1.000
12/31/2005	2.159	0.949	1.149	0.887	1.117	1.207	0.959	1.000	1.000	0.868	1.000
12/31/2006	1.241	1.102	1.457	0.901	1.013	1.236	1.108	0.838	1.166	0.944	1.004
12/31/2007	0.911	1.015	0.630	1.235	0.847	1.078	1.000	1.447	1.305	0.508	1.103
12/31/2008	1.509	1.124	1.021	1.077	0.919	0.929	1.028	1.000	1.000	1.033	1.000
12/31/2009	1.651	1.087	1.095	1.027	0.971	1.000	1.022	1.010	0.964	0.926	0.986
12/31/2010	1.568	1.167	0.915	0.621	1.120	1.249	1.086	0.789	0.986	1.000	0.976
12/31/2011	1.071	1.007	0.968	1.102	1.663	0.950	0.765	0.968	0.974	0.927	
12/31/2012	0.866	1.482	0.897	1.313	1.075	1.068	0.952	0.943	1.000		
12/31/2013	0.847	0.979	0.845	1.102	0.826	0.987	0.929	0.998			
12/31/2014	0.668	0.926	1.245	1.183	0.844	0.922	0.979				
12/31/2015	0.880	1.121	0.985	0.983	1.095	1.000					
12/31/2016	1.075	1.140	1.113	0.963	1.000						
12/31/2017	0.988	0.902	1.129	0.897							
12/31/2018	0.964	1.038	1.008								
12/31/2019	1.117	1.280									
12/31/2020	1.081										
3 Yr Mean	1.054	1.073	1.083	0.948	0.980	0.970	0.953	0.970	0.987	0.951	0.987
Best 3/5	1.048	1.100	1.083	1.016	0.973	0.979	0.953	0.970	0.987	0.951	0.997
	<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	0.996	0.995	1.000	1.000	1.000	1.000	1.000	1.000			
12/31/2007	0.873	1.000	1.000								
12/31/2008	0.940	1.000									
12/31/2009	1.000										
3 Yr Mean	0.938	0.998	1.000	1.000	1.000	1.000	1.000	1.000			
Best 3/5	0.979	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					0.973	0.979	0.953	0.970	0.987	0.951	0.997
12/31/2018				1.016	0.973	0.979	0.953	0.970	0.987	0.951	0.997
12/31/2019			1.083	1.016	0.973	0.979	0.953	0.970	0.987	0.951	0.997
12/31/2020		1.100	1.083	1.016	0.973	0.979	0.953	0.970	0.987	0.951	0.997
12/31/2021	1.048	1.100	1.083	1.016	0.973	0.979	0.953	0.970	0.987	0.951	0.997
	<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	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000		0.807
12/31/2018	0.979	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000		0.820
12/31/2019	0.979	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000		0.888
12/31/2020	0.979	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000		0.976
12/31/2021	0.979	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000		1.023

Bold - Calculated Using Modified Bondy Method

Italics - Three year mean Excludes Modified Bondy ratios

Completed Operations (Subline Code 336)
Full Coverage
UTAH
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	3,318	6,933	28,673	38,347	37,817	37,817	37,817	43,872	59,907	59,907	59,907
12/31/2003	1,832	3,258	3,258	6,106	6,106	6,106	6,106	6,106	6,106	6,106	58,699
12/31/2004	5,822	28,429	92,553	128,748	153,090	160,398	148,102	150,684	151,481	156,399	197,257
12/31/2005	7,991	1,336	51,757	57,239	58,727	63,227	90,495	97,247	100,721	102,255	102,255
12/31/2006	36,597	86,170	134,542	275,789	324,152	360,861	540,907	605,137	880,980	1,030,119	987,573
12/31/2007	35,471	8,714	80,249	50,248	44,893	80,449	81,358	88,180	90,078	110,346	122,123
12/31/2008	129,866	179,512	328,586	421,176	538,070	566,960	652,416	634,826	634,826	634,826	654,827
12/31/2009	1,777	107,900	229,380	355,208	489,790	530,238	530,239	546,855	591,226	585,720	625,533
12/31/2010	55,482	135,537	215,277	460,561	471,015	714,649	842,789	939,149	975,995	952,920	953,990
12/31/2011	24,967	52,508	85,348	103,720	103,720	205,161	366,864	527,468	488,482	489,632	489,632
12/31/2012	19,407	36,042	90,149	96,378	119,766	148,577	156,336	156,336	151,798	151,798	
12/31/2013	38,457	166,329	204,174	349,173	413,859	665,543	418,479	418,479	419,222		
12/31/2014	64,683	118,813	240,937	581,053	825,038	960,653	989,750	1,020,123			
12/31/2015	29,772	123,882	190,287	233,208	275,194	320,399	330,323				
12/31/2016	166,121	421,828	523,238	577,510	679,054	717,948					
12/31/2017	36,749	66,359	135,446	174,735	221,144						
12/31/2018	31,054	142,507	211,601	278,219							
12/31/2019	91,031	42,429	162,837								
12/31/2020	23,699	90,967									
12/31/2021	50,106										

<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	59,907	59,907	59,907	59,907	59,907	59,907	59,907	59,907	59,907
12/31/2003	8,699	8,699	8,699	8,699	8,699	8,699	8,699	8,699	
12/31/2004	197,257	197,257	197,257	197,257	197,257	197,257	197,257		
12/31/2005	105,457	105,457	105,457	105,457	105,457	105,457			
12/31/2006	1,083,379	1,141,173	1,157,699	1,157,699	1,157,699				
12/31/2007	135,910	137,264	137,264	137,264					
12/31/2008	651,559	651,559	651,559						
12/31/2009	625,533	625,533							
12/31/2010	955,338								

Completed Operations (Subline Code 336)
 Full Coverage
 Multistate
 Bodily Injury - Occurrence
 Incurred Accident Year Basic Limits Loss Development Excluding ALAE

\$100,000 Basic Limit Losses as of :

A.Y.E.	<u>15 Months</u>	<u>27 Months</u>	<u>39 Months</u>	<u>51 Months</u>	<u>63 Months</u>	<u>75 Months</u>	<u>87 Months</u>	<u>99 Months</u>	<u>111 Months</u>	<u>123 Months</u>	<u>135 Months</u>
12/31/2002	3,400,180	7,629,193	10,002,422	10,915,127	11,700,679	11,700,747	11,993,560	12,150,281	12,299,913	12,313,177	12,360,395
12/31/2003	3,846,114	6,769,706	10,372,915	11,172,661	10,832,556	10,685,439	10,455,016	10,434,310	10,400,149	10,440,050	10,491,060
12/31/2004	4,894,484	7,259,105	10,191,368	11,459,698	11,305,671	10,832,376	11,255,890	11,282,614	11,138,861	11,154,026	11,258,357
12/31/2005	4,756,036	7,995,452	11,321,235	12,584,156	12,222,879	12,480,583	12,810,856	12,871,145	12,793,551	12,885,487	12,845,402
12/31/2006	4,322,441	8,188,086	12,633,278	13,122,211	13,194,724	13,219,784	13,130,323	13,343,952	13,371,241	13,285,920	13,212,810
12/31/2007	4,407,767	8,323,039	11,312,181	12,515,711	12,798,738	12,834,248	12,701,503	12,897,142	13,094,050	12,879,575	12,860,162
12/31/2008	4,986,439	8,554,141	11,736,912	12,669,016	12,560,847	12,601,117	13,042,417	12,654,826	12,647,228	12,620,452	12,790,776
12/31/2009	5,209,382	8,223,659	11,604,694	12,031,200	12,274,929	12,742,566	12,447,286	12,328,849	12,211,148	12,052,816	11,988,018
12/31/2010	4,984,692	9,806,564	12,115,030	13,619,142	14,850,855	14,991,955	14,546,285	14,340,124	14,294,857	14,084,945	14,072,205
12/31/2011	4,858,497	7,917,767	11,784,490	13,808,681	13,827,569	12,787,277	12,837,175	12,778,853	12,741,262	12,869,695	12,869,795
12/31/2012	3,159,368	7,076,396	12,540,810	12,362,492	12,628,444	12,735,015	12,408,861	12,253,832	12,276,830	12,242,290	
12/31/2013	4,152,630	9,678,084	11,787,528	12,932,725	13,323,877	13,198,785	13,456,334	13,421,939	13,295,464		
12/31/2014	5,411,712	8,430,370	12,209,442	12,671,258	12,588,709	12,060,101	12,541,930	12,434,028			
12/31/2015	4,670,740	8,044,493	12,108,706	13,327,868	13,308,538	13,166,255	13,024,487				
12/31/2016	3,038,029	7,694,646	11,450,119	12,902,138	12,827,540	12,921,904					
12/31/2017	3,829,900	8,261,965	11,563,996	13,334,870	13,985,491						
12/31/2018	4,390,623	8,883,566	13,366,005	15,430,455							
12/31/2019	5,519,489	10,216,313	15,106,787								
12/31/2020	5,087,460	9,264,862									
12/31/2021	5,739,080										

A.Y.E	<u>147 Months</u>	<u>159 Months</u>	<u>171 Months</u>	<u>183 Months</u>	<u>195 Months</u>	<u>207 Months</u>	<u>219 Months</u>	<u>231 Months</u>	<u>243 Months</u>
12/31/2002	12,297,100	12,327,633	12,471,867	12,472,577	12,460,039	12,504,167	12,504,167	12,475,168	12,775,417
12/31/2003	10,526,564	10,539,611	10,578,361	10,558,362	10,558,862	10,531,862	10,527,000	10,527,000	
12/31/2004	11,285,794	11,482,254	11,421,538	11,428,539	11,454,373	11,425,862	11,425,862		
12/31/2005	12,738,663	12,690,755	12,629,414	12,614,279	12,600,682	12,624,182			
12/31/2006	13,214,804	13,207,251	13,204,251	13,233,001	13,233,001				
12/31/2007	12,884,657	12,798,329	12,794,330	12,825,529					
12/31/2008	12,713,252	12,733,558	12,714,632						
12/31/2009	11,987,595	11,931,845							
12/31/2010	14,206,503								

Completed Operations (Subline Code 336)
Full Coverage
Multistate
Bodily Injury - Occurrence
Incurred Accident Year Basic Limits Loss Development Excluding ALAE

	Link Ratios										
<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			
<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 :												
<u>A.Y.E.</u>	<u>15 Months</u>	<u>27 Months</u>	<u>39 Months</u>	<u>51 Months</u>	<u>63 Months</u>	<u>75 Months</u>	<u>87 Months</u>	<u>99 Months</u>	<u>111 Months</u>	<u>123 Months</u>	<u>135 Months</u>	
12/31/2002	230,354	646,851	1,121,880	1,161,679	1,371,028	1,358,582	1,669,785	1,719,785	1,543,703	1,465,428	1,394,929	
12/31/2003	319,688	867,685	1,374,084	1,263,628	1,219,547	1,322,289	1,324,395	1,348,895	1,328,895	1,328,895	1,352,495	
12/31/2004	284,812	636,773	1,044,764	1,067,600	1,106,950	1,026,146	861,035	872,832	906,232	884,332	837,232	
12/31/2005	665,915	1,017,993	968,996	915,985	1,102,338	946,460	1,048,014	1,050,014	1,013,114	1,152,023	1,097,448	
12/31/2006	817,591	1,004,431	1,254,396	1,371,221	1,366,873	1,198,455	1,173,454	1,394,054	1,533,505	1,479,003	1,380,004	
12/31/2007	243,668	791,360	805,694	941,923	1,035,174	1,148,374	1,088,016	1,080,841	1,056,537	1,056,038	1,104,088	
12/31/2008	265,445	613,754	655,194	751,041	790,573	969,521	1,005,477	1,143,224	1,156,271	1,093,813	1,092,813	
12/31/2009	469,799	950,400	1,074,192	1,306,251	1,199,740	1,349,076	1,290,109	1,239,244	1,180,243	1,295,243	1,279,992	
12/31/2010	605,422	724,803	1,278,524	1,684,083	1,425,178	1,358,704	1,283,414	1,329,915	1,424,986	1,424,976	1,424,876	
12/31/2011	269,705	719,252	1,177,704	1,637,063	1,670,108	1,554,490	1,554,490	1,553,490	1,553,490	1,553,490	1,553,490	
12/31/2012	423,960	1,174,347	1,333,916	1,555,270	1,540,100	1,585,953	1,583,453	1,603,451	1,603,453	1,603,453		
12/31/2013	1,783,848	2,572,513	2,789,315	2,855,332	2,945,011	3,095,510	3,209,510	3,178,377	3,183,376			
12/31/2014	1,979,461	2,556,649	2,887,796	3,191,055	3,275,374	3,228,274	3,173,274	3,268,275				
12/31/2015	1,029,370	1,597,033	1,930,002	2,492,813	2,400,117	2,302,578	2,169,520					
12/31/2016	1,249,129	2,375,257	3,021,685	3,092,415	3,645,969	3,468,516						
12/31/2017	586,754	1,969,511	2,537,213	3,000,270	3,071,997							
12/31/2018	950,779	2,019,140	2,133,443	2,649,332								
12/31/2019	1,173,036	1,997,115	2,921,415									
12/31/2020	716,366	1,795,482										
12/31/2021	1,192,355											

<u>A.Y.E.</u>	<u>147 Months</u>	<u>159 Months</u>	<u>171 Months</u>	<u>183 Months</u>	<u>195 Months</u>	<u>207 Months</u>	<u>219 Months</u>	<u>231 Months</u>	<u>243 Months</u>
12/31/2002	1,354,028	1,358,930	1,357,862	1,357,861	1,357,861	1,457,860	1,457,860	1,457,860	1,457,860
12/31/2003	1,350,395	1,327,895	1,327,396	1,327,396	1,427,395	1,427,395	1,427,395	1,427,395	
12/31/2004	836,133	836,034	836,033	936,032	936,032	936,032	936,032		
12/31/2005	1,137,449	1,137,448	1,197,697	1,197,447	1,197,447	1,197,447			
12/31/2006	1,338,754	1,438,751	1,438,751	1,438,751	1,438,751				
12/31/2007	1,313,087	1,213,087	1,312,626	1,302,537					
12/31/2008	1,087,813	1,087,902	1,160,313						
12/31/2009	1,279,992	1,279,992							
12/31/2010	1,424,876								

Completed Operations (Subline Code 336)
Deductible
Multistate
Bodily Injury - Occurrence
Incurred Accident Year Basic Limits Loss Development Excluding ALAE

Link Ratios											
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

171 to Ultimate Factor: 1.008

Bold - Calculated Using Modified Bondy Method

Completed Operations (Subline Code 336)
Full Coverage
Multistate
Bodily Injury - Occurrence
Incurred Accident Year Incremental ALAE Development

		Increments											
A.Y.E.	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
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	1.003	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 :											
A.Y.E.	<u>15 Months</u>	<u>27 Months</u>	<u>39 Months</u>	<u>51 Months</u>	<u>63 Months</u>	<u>75 Months</u>	<u>87 Months</u>	<u>99 Months</u>	<u>111 Months</u>	<u>123 Months</u>	<u>135 Months</u>
12/31/2002	3,760,781	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										

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	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			
A.Y.E.	<u>15/ 27</u>	<u>27/ 39</u>	<u>39/ 51</u>	<u>51/ 63</u>	Development From		<u>87/ 99</u>	<u>99/111</u>	<u>111/123</u>	<u>123/135</u>	<u>135/147</u>
12/31/2017					<u>63/ 75</u>	<u>75/ 87</u>					
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

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													
<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	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		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													
<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	0.0474	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	10,079,717	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
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	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000		1.001
12/31/2018	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000		0.994
12/31/2019	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000		1.052
12/31/2020	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000		1.264
12/31/2021	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000		1.725

Bold - Calculated Using Modified Bondy Method

Italics - Three year mean Excludes Modified Bondy ratios

Local Products (Subline Code 336)
Deductible
Multistate
Bodily Injury - Occurrence
Incurred Accident Year Basic Limits Loss Development Excluding ALAE

\$100,000 Basic Limit Losses as of :											
A.Y.E.	<u>15 Months</u>	<u>27 Months</u>	<u>39 Months</u>	<u>51 Months</u>	<u>63 Months</u>	<u>75 Months</u>	<u>87 Months</u>	<u>99 Months</u>	<u>111 Months</u>	<u>123 Months</u>	<u>135 Months</u>
12/31/2002	338,196	409,774	364,366	472,857	463,103	424,364	424,363	424,363	424,363	424,363	424,363
12/31/2003	116,528	208,606	182,106	236,820	154,427	88,642	90,142	65,041	65,041	65,041	65,041
12/31/2004	418,878	384,565	766,260	1,010,432	609,871	611,151	588,752	588,751	588,751	588,751	588,751
12/31/2005	532,370	650,832	1,014,974	910,481	805,513	888,930	888,929	888,979	888,979	889,608	889,608
12/31/2006	381,639	728,466	745,510	653,981	681,764	681,207	681,207	681,207	681,207	681,207	681,207
12/31/2007	346,556	368,073	650,142	616,851	566,682	556,782	556,782	562,782	562,782	562,782	556,782
12/31/2008	525,801	364,649	469,611	421,590	352,812	346,242	345,742	345,742	345,742	345,742	345,742
12/31/2009	264,730	292,020	305,963	238,979	337,219	338,219	338,219	338,219	338,219	338,219	338,219
12/31/2010	433,640	323,106	296,588	284,088	290,088	290,088	290,088	284,088	284,088	284,088	284,088
12/31/2011	373,952	612,936	745,902	807,902	815,402	799,003	885,503	885,503	885,548	900,548	885,548
12/31/2012	326,981	434,311	375,201	399,369	484,565	488,369	488,369	488,369	488,369	488,369	
12/31/2013	318,260	405,131	434,829	504,467	520,234	519,782	519,782	519,782	518,782		
12/31/2014	821,769	904,258	797,119	980,216	930,216	914,216	914,216	914,216			
12/31/2015	415,478	578,970	637,756	751,120	733,450	750,156	755,156				
12/31/2016	303,321	448,584	584,760	572,780	548,305	573,305					
12/31/2017	375,978	970,159	884,275	831,246	829,659						
12/31/2018	537,774	721,257	684,815	719,050							
12/31/2019	508,531	697,241	582,148								
12/31/2020	235,636	748,660									
12/31/2021	644,777										

A.Y.E.	<u>147 Months</u>	<u>159 Months</u>	<u>171 Months</u>	<u>183 Months</u>	<u>195 Months</u>	<u>207 Months</u>	<u>219 Months</u>	<u>231 Months</u>	<u>243 Months</u>
12/31/2002	424,363	424,363	424,363	416,863	416,863	416,863	416,863	416,863	416,863
12/31/2003	65,041	65,041	65,041	65,041	65,041	65,041	65,041	65,041	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:											
A.Y.E.	15 Months	27 Months	39 Months	51 Months	63 Months	75 Months	87 Months	99 Months	111 Months	123 Months	135 Months
12/31/2002	1,621,679	2,401,505	3,706,521	4,446,885	5,434,576	5,781,801	5,894,243	6,027,238	6,083,293	6,094,980	6,188,930
12/31/2003	649,799	1,381,293	2,277,548	3,013,113	3,614,767	3,943,615	4,086,149	4,063,805	4,073,053	4,108,300	4,182,267
12/31/2004	665,839	1,352,613	2,271,634	2,901,659	3,425,916	3,645,504	3,783,671	3,925,279	3,935,486	3,934,701	3,935,446
12/31/2005	532,163	1,215,511	2,010,130	2,598,226	3,072,403	2,987,341	3,078,082	3,071,383	3,062,569	3,043,382	3,043,412
12/31/2006	545,998	1,391,524	2,294,929	3,298,591	3,996,982	4,405,050	4,549,902	4,521,275	4,554,398	4,549,719	4,549,719
12/31/2007	558,126	1,071,481	2,144,032	2,681,928	3,252,510	3,519,657	3,730,427	3,568,825	3,606,753	3,602,632	3,604,768
12/31/2008	639,598	1,242,317	2,095,937	2,740,520	3,073,750	3,137,678	3,178,717	3,186,822	3,186,822	3,186,165	3,186,165
12/31/2009	611,183	1,397,732	2,575,782	3,310,499	3,859,898	4,571,960	4,017,344	4,028,593	4,026,748	4,037,078	4,036,404
12/31/2010	828,527	1,764,564	3,114,076	4,478,153	5,590,145	5,915,966	5,834,773	5,839,030	5,840,941	5,852,028	5,853,079
12/31/2011	620,479	1,311,684	2,635,968	3,807,563	4,227,671	4,557,947	4,708,810	4,721,949	4,751,657	4,788,130	4,825,506
12/31/2012	578,544	1,503,728	3,165,207	4,022,826	4,439,608	4,798,275	4,883,654	4,927,437	5,002,523	5,014,104	
12/31/2013	929,409	2,139,167	3,485,069	4,582,615	5,355,865	5,884,301	6,291,036	6,436,366	6,546,312		
12/31/2014	810,695	1,469,050	2,448,966	3,441,063	3,765,395	3,934,044	3,971,502	3,988,157			
12/31/2015	449,850	912,792	1,729,780	2,505,289	2,768,379	2,855,600	2,924,683				
12/31/2016	476,614	1,281,298	2,490,714	2,696,007	3,133,968	3,410,832					
12/31/2017	485,667	1,518,756	2,538,448	3,642,181	4,078,438						
12/31/2018	679,016	1,143,826	2,159,631	3,033,846							
12/31/2019	542,923	2,494,802	4,414,752								
12/31/2020	567,079	1,569,236									
12/31/2021	682,539										

A.Y.E	147 Months	159 Months	171 Months	183 Months	195 Months	207 Months	219 Months	231 Months	243 Months
12/31/2002	6,239,874	6,295,875	6,291,482	6,305,653	6,327,100	6,336,750	6,339,199	6,339,231	6,339,286
12/31/2003	4,162,557	4,162,557	4,160,450	4,210,450	4,202,687	4,199,017	4,199,059	4,199,051	
12/31/2004	3,932,646	3,932,635	3,929,496	3,929,824	3,929,824	3,930,295	3,956,137		
12/31/2005	3,043,412	3,073,859	3,073,994	3,074,382	3,075,613	3,077,644			
12/31/2006	4,549,719	4,549,719	4,549,719	4,550,190	4,551,037				
12/31/2007	3,603,835	3,608,174	3,608,813	3,609,660					
12/31/2008	3,186,165	3,186,649	3,188,652						
12/31/2009	4,037,539	4,038,382							
12/31/2010	5,845,558								

Local Products (Subline Code 336)
Full Coverage
Multistate
Bodily Injury - Occurrence
Incurred Accident Year Incremental ALAE Development

	Increments												
A.Y.E.	<u>27:15</u>	<u>39:27</u>	<u>51:39</u>	<u>63:51</u>	<u>75:63</u>	<u>87:75</u>	<u>99:87</u>	<u>111:99</u>	<u>123:111</u>	<u>135:123</u>	<u>147:135</u>	<u>159:147</u>	<u>171:159</u>
12/31/2002	779,826	1,305,016	740,364	987,691	347,225	112,442	132,995	56,055	11,687	93,950	50,944	56,001	-4,393
12/31/2003	731,494	896,255	735,565	601,654	328,848	142,534	-22,344	9,248	35,247	73,967	-19,710	0	-2,107
12/31/2004	686,774	919,021	630,025	524,257	219,588	138,167	141,608	10,207	-785	745	-2,800	-11	-3,139
12/31/2005	683,348	794,619	588,096	474,177	-85,062	90,741	-6,699	-8,814	-19,187	30	0	30,447	135
12/31/2006	845,526	903,405	1,003,662	698,391	408,068	144,852	-28,627	33,123	-4,679	0	0	0	0
12/31/2007	513,355	1,072,551	537,896	570,582	267,147	210,770	-161,602	37,928	-4,121	2,136	-933	4,339	639
12/31/2008	602,719	853,620	644,583	333,230	63,928	41,039	8,105	0	-657	0	0	484	2,003
12/31/2009	786,549	1,178,050	734,717	549,399	712,062	-554,616	11,249	-1,845	10,330	-674	1,135	843	
12/31/2010	936,037	1,349,512	1,364,077	1,111,992	325,821	-81,193	4,257	1,911	11,087	1,051	-7,521		
12/31/2011	691,205	1,324,284	1,171,595	420,108	330,276	150,863	13,139	29,708	36,473	37,376			
12/31/2012	925,184	1,661,479	857,619	416,782	358,667	85,379	43,783	75,086	11,581				
12/31/2013	1,209,758	1,345,902	1,097,546	773,250	528,436	406,735	145,330	109,946					
12/31/2014	658,355	979,916	992,097	324,332	168,649	37,458	16,655						
12/31/2015	462,942	816,988	775,509	263,090	87,221	69,083							
12/31/2016	804,684	1,209,416	205,293	437,961	276,864								
12/31/2017	1,033,089	1,019,692	1,103,733	436,257									
12/31/2018	464,810	1,015,805	874,215										
12/31/2019	1,951,879	1,919,950											
12/31/2020	1,002,157												

	Incremental Percentages												
A.Y.E.	<u>27:15</u>	<u>39:27</u>	<u>51:39</u>	<u>63:51</u>	<u>75:63</u>	<u>87:75</u>	<u>99:87</u>	<u>111:99</u>	<u>123:111</u>	<u>135:123</u>	<u>147:135</u>	<u>159:147</u>	<u>171:159</u>
12/31/2002	0.0469	0.0786	0.0446	0.0595	0.0209	0.0068	0.0080	0.0034	0.0007	0.0057	0.0031	0.0034	-0.0003
12/31/2003	0.0494	0.0606	0.0497	0.0407	0.0222	0.0096	-0.0015	0.0006	0.0024	0.0050	-0.0013	0.0000	-0.0001
12/31/2004	0.0615	0.0822	0.0564	0.0469	0.0197	0.0124	0.0127	0.0009	-0.0001	0.0001	-0.0003	0.0000	-0.0003
12/31/2005	0.0640	0.0744	0.0550	0.0444	-0.0080	0.0085	-0.0006	-0.0008	-0.0018	0.0000	0.0000	0.0028	0.0000
12/31/2006	0.0745	0.0796	0.0884	0.0615	0.0359	0.0128	-0.0025	0.0029	-0.0004	0.0000	0.0000	0.0000	0.0000
12/31/2007	0.0465	0.0972	0.0488	0.0517	0.0242	0.0191	-0.0147	0.0034	-0.0004	0.0002	-0.0001	0.0004	0.0001
12/31/2008	0.0501	0.0710	0.0536	0.0277	0.0053	0.0034	0.0007	0.0000	-0.0001	0.0000	0.0000	0.0000	0.0002
12/31/2009	0.0611	0.0915	0.0570	0.0427	0.0553	-0.0431	0.0009	-0.0001	0.0008	-0.0001	0.0001	0.0001	
12/31/2010	0.0625	0.0902	0.0911	0.0743	0.0218	-0.0054	0.0003	0.0001	0.0007	0.0001	-0.0005		
12/31/2011	0.0486	0.0931	0.0823	0.0295	0.0232	0.0106	0.0009	0.0021	0.0026	0.0026			
12/31/2012	0.0777	0.1395	0.0720	0.0350	0.0301	0.0072	0.0037	0.0063	0.0010				
12/31/2013	0.1039	0.1155	0.0942	0.0664	0.0454	0.0349	0.0125	0.0094					
12/31/2014	0.0556	0.0828	0.0838	0.0274	0.0143	0.0032	0.0014						
12/31/2015	0.0417	0.0737	0.0699	0.0237	0.0079	0.0062							
12/31/2016	0.0637	0.0958	0.0163	0.0347	0.0219								
12/31/2017	0.0660	0.0651	0.0705	0.0279									
12/31/2018	0.0411	0.0898	0.0773										
12/31/2019	0.1241	0.1221											
12/31/2020	0.0837												

Best 3/5	0.0711	0.0864	0.0726	0.0300	0.0221	0.0080	0.0020	0.0028	0.0008	0.0001	0.0000	0.0002	0.0000
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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.	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	1,446,136	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	147 Months	159 Months	171 Months	183 Months	195 Months	207 Months	219 Months	231 Months	243 Months
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	<i>0.989</i>	<i>1.000</i>	<i>1.000</i>	<i>1.000</i>			
Best 3/5	0.996	1.000	1.001	1.002	0.999	1.000	1.000	1.000			
Development From											
<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>243/243</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			

	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					1.082	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>	FACTORS	
12/31/2017	1.003	1.000	1.000	0.999	1.000	1.000	1.000	1.000	1.000		1.100
12/31/2018	1.003	1.000	1.000	0.999	1.000	1.000	1.000	1.000	1.000		1.138
12/31/2019	1.003	1.000	1.000	0.999	1.000	1.000	1.000	1.000	1.000		1.163
12/31/2020	1.003	1.000	1.000	0.999	1.000	1.000	1.000	1.000	1.000		1.194
12/31/2021	1.003	1.000	1.000	0.999	1.000	1.000	1.000	1.000	1.000		1.381

Bold - Calculated Using Modified Bondy Method

Italics - Three year mean Excludes Modified Bondy ratios

Local Products (Subline Code 336)
Full Coverage
Multistate
Property Damage - Occurrence
Incurred Accident Year ALAE Development

Allocated Expenses as of:											
A.Y.E.	<u>15 Months</u>	<u>27 Months</u>	<u>39 Months</u>	<u>51 Months</u>	<u>63 Months</u>	<u>75 Months</u>	<u>87 Months</u>	<u>99 Months</u>	<u>111 Months</u>	<u>123 Months</u>	<u>135 Months</u>
12/31/2002	173,066	297,692	447,911	751,388	851,995	939,394	991,297	959,789	959,793	1,158,464	1,353,201
12/31/2003	57,554	662,655	978,058	1,087,536	1,218,975	1,243,477	1,247,335	1,337,436	1,372,735	1,463,909	1,541,668
12/31/2004	160,352	303,499	439,919	672,007	754,498	868,085	883,401	900,244	931,503	939,684	996,792
12/31/2005	257,637	352,296	623,792	754,251	814,869	911,399	977,204	1,100,912	1,095,427	1,094,737	1,099,046
12/31/2006	152,997	337,815	555,122	880,496	1,205,579	1,563,504	1,650,471	2,014,405	2,036,860	2,119,060	2,098,776
12/31/2007	397,841	885,814	1,142,658	1,611,856	1,973,377	2,440,438	2,611,306	3,009,925	3,204,197	3,436,453	3,211,129
12/31/2008	367,537	842,059	1,172,765	1,599,161	2,389,802	4,546,295	6,994,096	8,377,341	8,358,084	7,762,096	7,264,127
12/31/2009	619,070	955,569	1,189,262	1,223,197	1,359,074	1,423,682	1,734,911	1,903,689	1,999,526	1,999,238	2,030,517
12/31/2010	200,306	422,694	767,072	1,143,018	1,270,226	1,452,161	1,692,933	1,850,488	1,875,786	2,162,215	2,206,397
12/31/2011	377,969	714,767	1,051,446	1,436,589	1,745,908	1,765,064	1,792,656	1,912,797	2,023,679	2,055,465	2,077,344
12/31/2012	238,795	516,597	840,161	969,956	1,157,089	1,336,004	1,567,866	1,665,042	1,669,002	1,724,450	
12/31/2013	364,290	531,622	757,458	1,030,604	1,253,753	1,446,595	1,603,430	1,992,904	2,073,404		
12/31/2014	263,180	503,494	775,818	850,143	1,003,299	1,018,244	1,016,453	1,017,729			
12/31/2015	417,563	881,479	1,241,628	1,537,343	1,710,557	1,838,491	1,952,448				
12/31/2016	324,109	608,633	946,409	1,495,857	1,601,385	1,686,322					
12/31/2017	422,158	787,392	2,099,498	2,600,457	2,990,143						
12/31/2018	513,213	907,450	2,285,101	4,978,108							
12/31/2019	384,043	673,997	921,298								
12/31/2020	570,544	913,898									
12/31/2021	554,436										

A.Y.E.	<u>147 Months</u>	<u>159 Months</u>	<u>171 Months</u>	<u>183 Months</u>	<u>195 Months</u>	<u>207 Months</u>	<u>219 Months</u>	<u>231 Months</u>	<u>243 Months</u>
12/31/2002	1,445,092	1,717,714	1,876,556	1,907,543	1,907,268	1,907,268	1,919,768	1,919,768	1,919,768
12/31/2003	1,567,022	1,621,215	1,644,497	1,688,438	1,688,438	1,671,810	1,671,810	1,641,414	
12/31/2004	991,519	996,234	1,025,962	1,025,962	1,040,962	1,025,962	1,025,962		
12/31/2005	1,276,047	1,151,879	1,163,471	1,163,471	1,183,317	1,331,559			
12/31/2006	2,188,621	2,227,287	2,227,287	2,233,963	2,233,963				
12/31/2007	3,211,973	3,052,650	3,149,629	3,138,202					
12/31/2008	6,630,694	6,156,985	6,100,398						
12/31/2009	2,015,054	3,106,304							
12/31/2010	2,064,284								

Local Products (Subline Code 336)
Full Coverage
Multistate
Property Damage - Occurrence
Incurred Accident Year Incremental ALAE Development

Increments													
A.Y.E.	27:15	39:27	51:39	63:51	75:63	87:75	99:87	111:99	123:111	135:123	147:135	159:147	171:159
12/31/2002	124,626	150,219	303,477	100,607	87,399	51,903	-31,508	4	198,671	194,737	91,891	272,622	158,842
12/31/2003	605,101	315,403	109,478	131,439	24,502	3,858	90,101	35,299	91,174	77,759	25,354	54,193	23,282
12/31/2004	143,147	136,420	232,088	82,491	113,587	15,316	16,843	31,259	8,181	57,108	-5,273	4,715	29,728
12/31/2005	94,659	271,496	130,459	60,618	96,530	65,805	123,708	-5,485	-690	4,309	177,001	-124,168	11,592
12/31/2006	184,818	217,307	325,374	325,083	357,925	86,967	363,934	22,455	82,200	-20,284	89,845	38,666	0
12/31/2007	487,973	256,844	469,198	361,521	467,061	170,868	398,619	194,272	232,256	-225,324	844	-159,323	96,979
12/31/2008	474,522	330,706	426,396	790,641	2,156,493	2,447,801	1,383,245	-19,257	-595,988	-497,969	-633,433	-473,709	-56,587
12/31/2009	336,499	233,693	33,935	135,877	64,608	311,229	168,778	95,837	-288	31,279	-15,463	1,091,250	
12/31/2010	222,388	344,378	375,946	127,208	181,935	240,772	157,555	25,298	286,429	44,182	-142,113		
12/31/2011	336,798	336,679	385,143	309,319	19,156	27,592	120,141	110,882	31,786	21,879			
12/31/2012	277,802	323,564	129,795	187,133	178,915	231,862	97,176	3,960	55,448				
12/31/2013	167,332	225,836	273,146	223,149	192,842	156,835	389,474	80,500					
12/31/2014	240,314	272,324	74,325	153,156	14,945	-1,791	1,276						
12/31/2015	463,916	360,149	295,715	173,214	127,934	113,957							
12/31/2016	284,524	337,776	549,448	105,528	84,937								
12/31/2017	365,234	1,312,106	500,959	389,686									
12/31/2018	394,237	1,377,651	2,693,007										
12/31/2019	289,954	247,301											
12/31/2020	343,354												

Incremental Percentages													
A.Y.E.	27:15	39:27	51:39	63:51	75:63	87:75	99:87	111:99	123:111	135:123	147:135	159:147	171:159
12/31/2002	0.0585	0.0705	0.1424	0.0472	0.0410	0.0244	-0.0148	0.0000	0.0932	0.0914	0.0431	0.1279	0.0745
12/31/2003	0.2349	0.1224	0.0425	0.0510	0.0095	0.0015	0.0350	0.0137	0.0354	0.0302	0.0098	0.0210	0.0090
12/31/2004	0.0591	0.0563	0.0959	0.0341	0.0469	0.0063	0.0070	0.0129	0.0034	0.0236	-0.0022	0.0019	0.0123
12/31/2005	0.0274	0.0786	0.0378	0.0176	0.0280	0.0191	0.0358	-0.0016	-0.0002	0.0012	0.0513	-0.0360	0.0034
12/31/2006	0.0390	0.0458	0.0686	0.0686	0.0755	0.0183	0.0768	0.0047	0.0173	-0.0043	0.0190	0.0082	0.0000
12/31/2007	0.0955	0.0502	0.0918	0.0707	0.0914	0.0334	0.0780	0.0380	0.0454	-0.0441	0.0002	-0.0312	0.0190
12/31/2008	0.0872	0.0608	0.0784	0.1453	0.3964	0.4500	0.2543	-0.0035	-0.1096	-0.0915	-0.1164	-0.0871	-0.0104
12/31/2009	0.0762	0.0529	0.0077	0.0308	0.0146	0.0705	0.0382	0.0217	-0.0001	0.0071	-0.0035	0.2470	
12/31/2010	0.0443	0.0687	0.0749	0.0254	0.0363	0.0480	0.0314	0.0050	0.0571	0.0088	-0.0283		
12/31/2011	0.0634	0.0634	0.0725	0.0582	0.0036	0.0052	0.0226	0.0209	0.0060	0.0041			
12/31/2012	0.0623	0.0726	0.0291	0.0420	0.0401	0.0520	0.0218	0.0009	0.0124				
12/31/2013	0.0348	0.0469	0.0568	0.0464	0.0401	0.0326	0.0810	0.0167					
12/31/2014	0.0491	0.0557	0.0152	0.0313	0.0031	-0.0004	0.0003						
12/31/2015	0.0614	0.0477	0.0392	0.0229	0.0169	0.0151							
12/31/2016	0.0520	0.0617	0.1004	0.0193	0.0155								
12/31/2017	0.0598	0.2147	0.0820	0.0638									
12/31/2018	0.0596	0.2082	0.4070										
12/31/2019	0.0418	0.0356											
12/31/2020	0.0429												

Best 3/5	0.0515	0.1059	0.0739	0.0335	0.0242	0.0176	0.0253	0.0142	0.0061	-0.0110	-0.0105	-0.0197	0.0052
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Local Products (Subline Code 336)
 Full Coverage
 Multistate
 Property Damage - Occurrence
 Incurred Accident Year Incremental ALAE Development

Link Ratios							
A.Y.E	<u>183:171</u>	<u>195:183</u>	<u>207:195</u>	<u>219:207</u>	<u>231:219</u>	<u>243:231</u>	<u>Ult:243</u>
12/31/2002	1.017	1.000	1.000	1.007	1.000	1.000	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					
A.Y.E	ALAE as of	Ultimate	ALAE	Additional	ALAE at	171-Ultimate	Ultimate
	<u>3/31/2022</u>	<u>Indemnity</u>	<u>Factor</u>	<u>ALAE</u>	<u>171 Months</u>	<u>Factor</u>	<u>ALAE</u>
12/31/2019	1,041,252	8,187,713	0.159	1,300,209	2,341,461	1.003	2,348,485
12/31/2020	978,917	9,045,221	0.265	2,394,270	3,373,187	1.003	3,383,307
12/31/2021	691,130	8,871,447	0.316	2,805,152	3,496,282	1.003	3,506,770

Bold - Calculated Using Modified Bondy Method

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

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

Notes: All dollar amounts are displayed in thousands.

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

LOCAL PRODUCTS / COMPLETED OPERATIONS TREND SUMMARY

(1) <u>EXPOSURE TREND</u>	<u>LOCAL PRODUCTS</u>	<u>COMPLETED OPERATIONS</u>	LOCAL PRODUCTS /
			<u>COMPLETED OPERATIONS</u> <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			
7/1/2019 to 7/1/2024		(2024:4/2019:4)	1.230	COMPLETED OPERATIONS			
7/1/2020 to 7/1/2024		(2024:4/2020:4)	1.238	1.209			
7/1/2021 to 7/1/2024		(2024:4/2021:4)	1.168	1.180			
AVERAGE ANNUAL TREND FACTOR				1.131			
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)²</u>
12/31/2008	\$ 376,764,697	8,900	23.62
12/31/2009	\$ 360,456,926	8,926	24.76
12/31/2010	\$ 346,686,371	9,528	27.48
12/31/2011	\$ 344,886,355	8,889	25.78
12/31/2012	\$ 347,540,917	8,262	23.77
12/31/2013	\$ 360,528,888	7,988	22.16
12/31/2014	\$ 372,071,467	7,355	19.77
12/31/2015	\$ 387,331,833	7,112	18.36
12/31/2016	\$ 372,467,763	7,381	19.82
12/31/2017	\$ 385,320,672	6,895	17.89
12/31/2018	\$ 420,210,778	7,685	18.29
12/31/2019	\$ 422,294,836	7,961	18.85
12/31/2020	\$ 411,962,951	7,117	17.28
12/31/2021	\$ 401,060,536	7,047	17.57

Selected Annual Frequency Trend: 0.0%

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

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

UTAH 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	-7.2%	-7.2%
OL&T	-3.5%	-3.5%
Premises/Operations	-5.7%	-5.7%
Products	-10.4%	-10.4%
Local Products/Completed Operations	-5.0%	-5.0%
Products/Completed Operations	-5.9%	-5.9%
GL Overall	-5.8%	-5.8%

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 9/30/2022 for Premises/Operations.
Calendar - accident year data through year ended 12/31/2021 for Products/Completed Operations.

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

Statistical plan data reported to ISO is first processed through a system of rigorous automated data verification processes so that only data that would be reliable is used for ratemaking. Subsequent to this initial data submission review, additional analyses involving an even more customized data review for this line was performed by staff. During these processes, various data records were excluded from the review, corrected or adjusted. Specifically, various reported exposure amounts have been adjusted prior to their use in the calculations. The ISO staff responsible for this loss cost review also reviewed the data for reasonableness.

CALL TO CALL COMPARISON

Manufacturers and Contractors

The Aggregate Loss Costs at Current Level (ALCCL) decreased by an average of 4.0%, 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 3.0% decrease in ALCCL;
- Implemented loss cost level change (-6.5%);
- A change in exposure trend plus an additional year of trending (6.2%);

The Basic Limit Experience Ratios (BLERs) decrease in 2020 (-7.0%) and 2021 (-8.3%). This is mainly due to favorable experience across several class groups.

Owners, Landlords and Tenants

The Aggregate Loss Costs at Current Level (ALCCL) decreased by an average of 0.2%, 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 5.5% decrease in ALCCL;
- Implemented loss cost level change (0.0%);
- A change in exposure trend plus an additional year of trending (4.9%);
- The effect on ALCCL due to a change in average IPMFs (-0.2%).

The BLERs decreased in 2021 (-16.7%). This is mainly due to favorable 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 2018 (0.854), 2019 (0.898), 2020 (0.635), 2021 (0.897) and 2022 (0.681) are attributable to favorable experience in several class groups.

Owners, Landlords
and Tenants

The ALCCL decreased from 2018 to 2020 and then increased thereafter.

The high BLER for 2018 (1.376) is attributable to unfavorable experience in several class groups. The low BLERs for 2020 (0.759), 2021 (0.537) and 2022 (0.587) are attributable to favorable experience in several class groups.

Products

The ALCCL decreased from 2017 to 2018, increased until 2020 and then decreased thereafter.

The BLER decreased from 2017 to 2020 and increased thereafter.

Local Products/
Completed Ops

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

The BLER increased from 2017 to 2018, decreased until 2020 and then increased thereafter.

LOSS
DEVELOPMENT
FACTOR
COMPARISON

Manufacturers and
Contractors

The BI and PD indemnity loss development factors for the 2023 review remained stable compared to those in the 2022 review.

The multistate full coverage BI indemnity loss development factors for the 2023 review remained stable compared to those in the 2022 review. The multistate full coverage PD indemnity loss development factors for the 2023 review have increased slightly compared to the 2022 review.

The multistate deductible coverage BI and PD indemnity loss development factors for the 2023 review remained stable compared to the 2022 review.

The multistate Fringe indemnity loss development factors for the 2023 review remained stable compared to the 2022 review.

Owners, Landlords
and Tenants

The BI and PD indemnity loss development factors for the 2023 review remained stable compared to those in the 2022 review.

The multistate full coverage BI indemnity loss development factors for the 2023 review remained stable compared to those in the 2022 review. The multistate full coverage PD indemnity loss development factors for the 2023 review have decreased compared to those in the 2022 review.

The multistate deductible coverage BI indemnity loss development factors for the 2023 review remained stable compared to those in the 2022 review. The multistate deductible coverage PD indemnity loss development factors for the 2023 review have decreased compared to those in the 2022 review.

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

Products

The multistate full coverage BI indemnity loss development factors for the 2023 review have increased compared to those in the 2022 review. The multistate full coverage PD indemnity loss development factors for the 2023 review remained stable compared to those in the 2022 review.

The multistate deductible coverage BI indemnity loss development factors for the 2023 review remained stable compared to the 2022 review, with an increase in the 15 months-to-ultimate factor. The multistate deductible coverage PD indemnity loss development factors for the 2023 review remained stable compared to those in the 2022 review.

LOSS
DEVELOPMENT
FACTOR
COMPARISON
(Cont'd)

Local Products/
Completed Ops

For Local Products, the multistate full coverage BI indemnity loss development factors for the 2023 review have increased compared to those in the 2022 review. The multistate full coverage PD indemnity loss development factors for the 2023 review remained stable compared to those in the 2022 review. The multistate deductible coverage BI and PD indemnity loss development factors for the 2023 review remained stable compared to the 2022 review, with an increase in the BI 15 months-to-ultimate factor.

For Completed Operations, the full coverage BI indemnity loss development factors for the 2023 review remained stable compared to those in the 2022 review, except for the 39 months-to-ultimate factors which increased by 12.3%. This can largely be attributed to a higher 39-to-51 and 51-to-63 months state ratio. The full coverage PD indemnity loss development factors for the 2023 review remained stable compared to those in the 2022 review, except for the 39 and 51 months-to-ultimate factors which decreased by 10.6% and 11.4% respectively. This can largely be attributed to a lower 51-to-63 and 63-to-75 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 +5.5% in the previous Fiscal review.</p> <p>The PD severity trend selection is +4.5%, unchanged from +4.5% in the previous Fiscal review.</p> <p>The Fringe severity trend selection is 0.0%, unchanged from 0.0% in the previous Fiscal review.</p>
	Owners, Landlords and Tenants	<p>The BI severity trend selection is +8.0%, up from +6.5% in the previous Fiscal review.</p> <p>The PD severity trend selection is +8.0%, up from +7.5% in the previous Fiscal review.</p> <p>The Fringe severity trend selection is +2.5%, up from +0.5% in the previous Fiscal review.</p>
	Products	<p>The BI severity trend selection is +3.0%, unchanged from +3.0% in the previous review.</p> <p>The PD severity trend selection is +4.5%, unchanged from +4.5% in the previous review.</p>
	Local Products/ Completed Ops	<p>The BI severity trend selection is +7.5%, up from +5.5% in the previous review.</p> <p>The PD selected severity trend is +4.0%, unchanged from +4.0% in the previous review.</p>

FREQUENCY
TREND
COMPARISON

We have selected a frequency trend of -0.5% for Manufacturers & Contractors, -0.5% for Owners, Landlords and Tenants, -1.5% for Products, and 0.0% for Local Products/Completed Operations. This is consistent with our conservative approach toward frequency trend selections. This conservatism reflects the difficulty of predicting turning points for cyclical and volatile data along with the amplifying effects that varying frequency trend selections have on indicated loss cost level changes.

Manufacturers and
Contractors

The latest frequency point is lower than the prior point.

Owners, Landlords
and Tenants

The latest frequency point is lower than the prior point.

Products

The latest frequency point is higher than the prior point.

Local Products/
Completed Ops

The latest frequency point is higher than the prior point.

EXPOSURE
TREND
COMPARISON

Manufacturers and
Contractors

The exposure trend factors for Manufacturers are higher than that used in the previous review for for the earliest of the three years while lower for the latest two years. The exposure trend factors for Contractors are higher than that used in the previous review for all three years.

Owners, Landlords
and Tenants

The exposure trend factors for Class Groups 1-13 are higher than those used in the previous review for all three years. For Class Group 16, the exposure trend factor is higher than that used in the previous review for the earliest of the three years while lower for the latest two years.

Products

The exposure trend factors are higher than that used in the previous review for all three years.

Local Products/
Completed Ops

The exposure trend factors for Local Products are higher than that used in the previous review for all three years. The exposure trend factors for Completed Operations are higher than that used in the previous review for all three years.

WEIGHTED AVERAGE IMPLICIT PACKAGE MODIFICATION FACTOR (IPMF) COMPARISON	Manufacturers and Contractors	The current weighted average IPMF is 1.040. In the 2022 review the weighted average IPMF was 1.040.
	Owners, Landlords and Tenants	The current weighted average IPMF is 0.971. In the 2022 review the weighted average IPMF was 0.975.
	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 4, 2022 review the multistate weighted average IPMF was 0.994.
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 relative changes for Owners, Landlords and Tenants vary within reasonable limits.	
	For Local Products, Utah's state balanced relative change (0.993) ranks 35th highest overall. In last year's review, Utah's balanced relative change (0.945) ranks 45th highest overall.	
CHANGE IN COMPANY MIX SINCE LAST CALL	For Manufacturers and Contractors the change in company mix results in an average decrease of 3.0% in the total statewide ALCCL.	
	For Owners, Landlords and Tenants, the change in company mix results in an average decrease of 5.5% 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 001 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	.102	.137	10150	.56	(a)	11204	.36	1.62	13111	1.04	.067
10011	.024	(a)	10151	14.20	—	11205	(a)	—	13112	.063	.038
10012	.028	(a)	10160	2.52	—	11206	.41	—	13201	.53	.097
10015	7.26	—	10204	.25	—	11207	5.19	—	13204	.60	.68
10020	(a)	(a)	10205	.28	—	11208	.89	—	13205	.23	.27
10025	.024	(a)	10210	.46	(a)	11209	4.18	—	13206	(a)	(a)
10026	.73	.023	10211	.46	(a)	11210	1.78	—	13207	(a)	(a)
10027	.024	(a)	10220	5.36	—	11211	9.24	—	13208	(a)	(a)
10036	.39	(a)	10255	.145	.124	11212	1.40	—	13314	.136	.009
10040	.078	.30	10256	.53	.154	11213	1.14	—	13351	.33	.064
10042	.42	.40	10257	.10	.148	11214	2.81	—	13352	.34	.045
10052	5.02	—	10309	.184	.02	11222	.047	—	13410	.84	1.55
10054	4.46	—	10315	.43	(a)	11234	.32	.067	13411	(a)	(a)
10060	.201	.072	10331	9.85	—	11248	.028	.01	13412	.28	1.15
10065	.30	.057	10332	17.00	—	11258	1.12	.227	13453	.33	(a)
10066	.31	.081	10352	.54	.087	11259	1.20	.22	13454	.38	(a)
10070	.058	.094	10367	2.38	—	11273	15.90	—	13455	.39	(a)
10071	.36	.122	10368	3.48	—	11274	15.20	—	13461	(a)	(a)
10072	2.69	—	10375	(a)	—	11288	1.37	.117	13506	1.04	.078
10073	.61	.56	10378	9.97	—	12014	.06	.046	13507	1.26	.179
10075	4.53	.196	10379	4.63	—	12356	1.35	.034	13590	.29	.59
10100	.93	.086	10380	7.90	—	12361	.074	.063	13621	.073	.32
10101	.27	.136	10381	6.85	—	12362	.064	(a)	13670	.041	.022
10105	2.95	—	11007	1.01	—	12373	.024	.024	13673	.85	.023
10107	1.87	.28	11020	.34	.225	12374	.70	.097	13715	.064	.088
10110	24.70	—	11039	.53	.104	12375	.34	.056	13716	.52	.12
10111	.128	.045	11052	2.66	—	12391	.048	.055	13720	.48	.086
10113	.41	—	11101	(a)	(a)	12393	.46	(a)	13759	.201	.128
10115	.81	.09	11120	(a)	—	12467	.19	(a)	13930	.137	.103
10117	7.21	—	11126	.071	.019	12509	.036	.02	14068	.044	.008
10119	(a)	—	11127	.33	.01	12510	.46	.029	14101	.52	.051
10120	16.20	—	11128	.44	.082	12583	.205	(a)	14279	.28	.08
10130	4.02	—	11138	2.46	—	12651	.60	.33	14401	1.13	.151
10132	3.47	—	11155	.243	—	12683	.27	(a)	14405	.59	—
10133	2.56	—	11160	(a)	(a)	12707	.42	.45	14527	.26	.139
10135	(a)	—	11167	.61	—	12797	.088	.153	14655	.101	—
10140	.034	.016	11168	3.18	—	12805	.37	.176	14731	2.64	—
10141	.068	.026	11201	8.85	—	12841	.61	—	14732	.195	—
10145	.33	.018	11202	2.62	—	12927	.107	—	14733	.71	—
10146	.41	.026	11203	.76	.29	13049	.038	.042	14734	.30	—

DIVISION SIX

PREM/OPS TERR. 001

GENERAL LIABILITY

PROD/COPS

LOSS COST PAGES

\$100,000/200,000 BASIC LIMIT OCCURRENCE Premises/Operations (Prem/Ops) (Subline Code 334) Territory 001 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	.128	.083	16670	4.09	—	18501	.90	.02	40072	(a)	—
14913	.38	.164	16676	.34	.017	18506	.26	.007	40075	21.70	—
15060	(a)	(a)	16694	.241	(a)	18507	.213	.009	40101	7.12	—
15061	(a)	(a)	16705	.205	.09	18570	2.23	—	40102	6.29	—
15062	.115	(a)	16722	(a)	—	18575	(a)	(a)	40111	8.03	—
15063	.134	(a)	16723	(a)	—	18616	.195	.42	40115	(a)	—
15070	.08	—	16750	.119	.036	18707	.01	.005	40117	(a)	—
15119	(a)	—	16751	.119	—	18708	.13	.025	40140	(a)	—
15120	(a)	—	16819	.69	(a)	18833	.115	(a)	41001	.27	—
15123	2.55	—	16820	.54	(a)	18834	.34	.13	41210	(a)	—
15124	.89	—	16881	1.85	(a)	18911	1.07	.021	41421	.28	—
15188	.202	(a)	16890	.081	(a)	18912	2.01	.034	41422	.15	—
15223	.049	.032	16891	.089	(a)	18920	.52	.022	41510	53.60	—
15224	.50	.10	16892	.161	(a)	18991	(a)	—	41603	13.30	—
15300	(a)	—	16900	2.16	.122	19007	1.00	—	41604	7.30	—
15314	.243	(a)	16901	1.38	.165	19051	2.21	—	41620	.74	—
15404	.052	(a)	16902	1.17	.091	19061	(a)	—	41650	18.70	—
15405	.077	(a)	16905	2.27	.105	19795	.35	(a)	41664	34.30	—
15406	.196	.065	16906	1.45	.15	19796	.41	—	41665	4.01	—
15488	.49	(a)	16910	1.29	.077	40005	(a)	—	41666	(a)	—
15538	.43	.018	16911	1.17	.076	40006	(a)	—	41667	93.70	—
15600	1.09	.107	16915	1.33	.074	40010	(a)	—	41668	87.80	—
15607	.104	—	16916	1.11	.087	40015	(a)	—	41669	.62	—
15608	.243	.011	16920	2.94	.17	40020	(a)	—	41670	1.03	—
15656	7.18	—	16921	2.69	.067	40026	(a)	—	41672	(a)	—
15699	.26	—	16930	1.69	.211	40031	(a)	—	41673	(a)	—
15733	.128	.025	16931	1.83	.089	40032	(a)	—	41675	(a)	—
15839	.33	.03	16940	3.67	.067	40040	(a)	—	41677	.152	—
15991	.27	.083	16941	1.47	.12	40041	(a)	—	41678	47.60	—
15993	.225	.052	18078	.116	.164	40042	(a)	—	41679	(a)	(a)
16005	.034	.024	18109	.44	.034	40045	226.00	—	41680	9.73	—
16009	.157	.091	18110	.36	.037	40046	44.70	—	41696	.48	—
16402	1.61	—	18200	(a)	—	40047	16.00	—	41697	.34	—
16403	1.02	.18	18205	.179	.39	40059	5.71	—	41700	(a)	—
16404	1.29	—	18206	.57	.126	40061	3.03	—	41715	6.18	—
16471	.147	—	18335	.41	.018	40063	101.00	—	41716	3.93	—
16501	.072	(a)	18435	.98	.095	40064	29.80	—	43007	(a)	—
16527	.11	.222	18436	.79	.206	40066	(a)	—	43117	(a)	—
16588	.073	(a)	18437	.59	(a)	40067	(a)	—	43151	10.80	—
16604	.122	.074	18438	1.14	(a)	40069	(a)	—	43152	14.30	—

\$100,000/200,000 BASIC LIMIT OCCURRENCE Premises/Operations (Prem/Ops) (Subline Code 334) Territory 001 Products/Completed Operations (Prod/Cops) (Subline Code 336) Entire State Territory 999											
Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops
43200	41.10	—	44112	3.27	—	45771	.228	.114	47254	(a)	—
43215	(a)	—	44113	(a)	—	45819	.074	.078	47318	9.55	—
43421	11.30	—	44193	(a)	—	45900	.124	.071	47367	.152	—
43422	59.10	—	44194	(a)	—	45901	.107	.03	47420	2.09	—
43424	(a)	—	44222	(a)	—	45937	.093	—	47468	(a)	—
43470	2.82	—	44276	55.10	—	45993	(a)	(a)	47469	2.81	—
43517	(a)	—	44277	35.80	—	46004	17.80	—	47471	2.43	—
43518	14.70	—	44280	.152	—	46005	14.20	—	47473	3.18	—
43550	40.20	—	44311	7.58	—	46112	.028	—	47474	3.56	—
43551	22.30	—	44315	5.10	—	46202	2.33	—	47475	2.81	—
43626	11.70	—	44427	25.70	—	46362	166.00	—	47476	2.81	—
43628	153.00	—	44428	25.90	—	46426	24.30	—	47477	3.74	—
43629	129.00	—	44429	.39	—	46427	32.40	—	47478	3.93	—
43754	(a)	—	44430	.27	—	46510	(a)	—	47600	(a)	—
43760	4.31	—	44431	.86	—	46590	(a)	—	47610	(a)	—
43822	2.22	—	44432	.27	—	46603	2.04	—	48039	29.10	—
43840	.028	—	44433	8.70	—	46604	2.35	—	48177	(a)	—
43860	1.77	—	44434	16.60	—	46606	6.27	—	48178	(a)	—
43889	.63	—	44435	17.20	—	46607	8.62	—	48206	31.10	—
43945	(a)	—	44436	20.10	—	46622	6.56	—	48252	(a)	—
43946	(a)	—	44437	16.70	—	46671	(a)	—	48441	.131	—
43990	(a)	(a)	44438	13.20	—	46700	82.70	—	48557	13.10	—
43991	(a)	—	44439	25.70	—	46773	(a)	—	48558	11.40	—
44009	3.11	—	44440	21.20	—	46822	(a)	—	48600	48.60	—
44010	(a)	(a)	44500	(a)	—	46881	(a)	—	48610	(a)	—
44069	12.60	—	44501	(a)	—	46882	(a)	—	48636	1.05	(a)
44070	3.72	—	45190	1.84	—	46911	23.20	—	48637	9.97	—
44071	4.14	—	45191	1.30	—	46912	42.60	—	48638	4.95	—
44072	2.86	—	45192	1.52	—	46913	(a)	—	48727	(a)	—
44100	9.82	—	45193	.90	—	46914	(a)	—	48808	1.84	—
44101	10.20	—	45210	1.14	—	46915	(a)	—	48924	(a)	—
44102	7.98	—	45224	(a)	—	46916	(a)	—	48925	239.00	—
44103	7.06	—	45225	(a)	—	47050	.61	—	49005	.104	—
44104	2.97	—	45334	23.70	—	47051	(a)	—	49111	2.81	—
44105	(a)	—	45380	.15	(a)	47052	(a)	—	49181	9.52	—
44106	(a)	—	45450	6.97	—	47103	(a)	—	49183	11.60	—
44108	3.48	—	45523	(a)	—	47146	(a)	—	49184	24.50	—
44109	8.80	—	45524	(a)	—	47147	(a)	—	49185	22.30	—
44110	9.00	—	45539	(a)	—	47221	90.70	—	49239	.112	.27
44111	5.53	—	45678	.166	—	47253	(a)	—	49292	.70	—

DIVISION SIX

PREM/OPS TERR. 001

GENERAL LIABILITY

PROD/COPS

LOSS COST PAGES

\$100,000/200,000 BASIC LIMIT OCCURRENCE Premises/Operations (Prem/Ops) (Subline Code 334) Territory 001 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	.34	.193	51702	.10	(a)	51986	.167	.075
49333	5.11	—	51241	1.02	.197	51703	.041	(a)	51999	.07	.25
49451	(a)	—	51250	.167	(a)	51734	.077	.38	52002	.062	.086
49452	(a)	—	51251	.029	(a)	51741	.178	.246	52075	.123	.167
49617	.21	.224	51252	.103	.06	51752	.15	.137	52076	.148	(a)
49618	.176	.06	51253	.088	(a)	51767	.018	.005	52109	.016	(a)
49619	.33	.139	51254	.027	.019	51777	.062	.047	52134	.206	.44
49763	2.15	—	51255	.42	(a)	51790	.104	(a)	52137	.048	(a)
49800	(a)	—	51300	.086	.109	51796	.065	(a)	52150	.38	(a)
49801	79.90	—	51305	.086	.65	51808	.231	.43	52315	.081	.237
49802	7.08	—	51315	.073	.059	51809	.29	.164	52341	.03	(a)
49803	12.50	—	51330	.064	.97	51833	.093	.034	52342	.087	(a)
49840	.63	—	51333	.021	.28	51850	.156	(a)	52343	.053	(a)
49870	99.70	—	51340	.028	(a)	51851	.106	(a)	52401	.165	(a)
49890	(a)	—	51350	.144	.095	51852	.247	(a)	52402	.016	(a)
49891	(a)	—	51351	.129	.039	51853	.10	(a)	52432	.077	(a)
49902	(a)	—	51352	.177	.077	51854	.223	(a)	52433	.071	.47
49903	(a)	—	51355	.121	.081	51855	.234	(a)	52435	.088	(a)
50010	.167	.35	51356	.13	.42	51856	.129	(a)	52438	.064	(a)
50011	.058	(a)	51357	.103	1.18	51857	.22	(a)	52440	.10	(a)
50012	.062	(a)	51358	.248	.094	51869	.077	.102	52467	.093	(a)
50015	.108	(a)	51359	.218	.51	51877	.43	.128	52469	.032	.083
50017	.082	(a)	51370	.33	2.16	51889	.071	.007	52505	.162	.159
50018	.053	(a)	51380	.033	.026	51896	.033	.013	52547	.143	.049
50019	.044	(a)	51400	.151	(a)	51900	.07	.085	52581	.79	1.57
50045	.189	(a)	51401	.222	(a)	51909	.141	.04	52619	.055	(a)
50047	.021	(a)	51500	.063	.118	51919	.072	(a)	52660	.055	—
51001	.036	.31	51516	.046	—	51926	.073	.036	52744	.36	.039
51005	.007	(a)	51517	.052	—	51927	.039	.092	52767	.131	(a)
51116	.092	.52	51550	.078	.36	51934	.08	.066	52876	(a)	(a)
51201	.028	(a)	51551	.027	.70	51941	.073	.025	52911	.044	.35
51205	.087	.035	51552	.047	.113	51942	.116	—	52967	.017	.043
51206	.014	.40	51553	.084	(a)	51956	.31	.119	53001	.162	.213
51210	.063	(a)	51554	.008	(a)	51957	.28	.33	53077	.078	.172
51211	(a)	(a)	51575	.039	.02	51958	.245	.233	53095	.053	(a)
51220	.217	1.14	51576	.15	.077	51959	.25	(a)	53096	.074	(a)
51221	.121	1.12	51600	.102	.156	51960	.033	.248	53121	.211	.41
51222	.147	3.29	51613	.068	.10	51970	.144	.131	53147	.022	(a)
51224	.154	.96	51625	.033	(a)	51982	.042	.056	53229	.124	(a)
51230	.026	.54	51666	.061	.059	51985	.043	—	53271	.04	(a)

\$100,000/200,000 BASIC LIMIT OCCURRENCE Premises/Operations (Prem/Ops) (Subline Code 334) Territory 001 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	.122	.215	55715	.166	.147	56918	.049	(a)	58096	.147	1.08
53374	.094	.145	55716	.24	.33	56919	.126	(a)	58301	.039	.075
53375	.05	.205	55717	.166	(a)	56920	.115	(a)	58302	.04	.034
53376	.08	.128	55718	.161	(a)	56980	.082	(a)	58397	.231	.33
53377	.082	.132	55802	.062	.016	57001	.028	.036	58408	.036	—
53403	.052	(a)	55918	.095	1.32	57002	.018	.061	58409	.046	—
53425	.115	(a)	55919	.013	2.48	57090	.184	.72	58456	.025	—
53565	.06	.068	56040	.009	.019	57146	.117	.59	58457	.036	—
53631	.025	.016	56041	.059	(a)	57202	.073	(a)	58458	.046	—
53632	.028	.024	56042	.074	(a)	57257	.09	.046	58459	.055	—
53731	.026	(a)	56170	.113	(a)	57401	.051	.065	58503	.062	.054
53732	.176	.39	56171	.055	(a)	57403	.127	.025	58532	.08	(a)
53733	.115	.155	56202	.059	.053	57410	.025	.112	58559	.016	(a)
53734	.28	—	56390	.103	.59	57411	.028	(a)	58560	.039	(a)
53803	.27	(a)	56391	.088	.217	57572	.015	.084	58561	(a)	(a)
53901	(a)	(a)	56427	.142	.089	57600	.043	.025	58575	.05	.081
53902	(a)	(a)	56488	.104	.043	57611	.06	.036	58627	.162	.008
53903	(a)	(a)	56567	.117	(a)	57625	.38	(a)	58663	.26	.46
53904	(a)	(a)	56650	.36	(a)	57651	.046	.039	58682	.144	(a)
53905	(a)	(a)	56651	.194	(a)	57690	.078	.32	58713	.04	(a)
53907	.078	.072	56652	.139	(a)	57716	.037	.069	58737	.104	.36
53951	(a)	(a)	56653	.134	(a)	57725	.081	.07	58756	.048	(a)
53952	(a)	(a)	56654	.068	(a)	57726	.063	.022	58757	.35	(a)
53953	(a)	(a)	56690	.054	.26	57798	.024	(a)	58759	.043	(a)
54012	.028	—	56699	.066	.059	57800	.088	(a)	58802	.049	.32
54077	.106	.30	56758	.056	.11	57808	.031	(a)	58813	.119	(a)
54444	(a)	(a)	56759	.057	.069	57809	.032	(a)	58822	.136	(a)
55010	.32	.61	56760	.082	.077	57810	.031	.089	58837	.238	.128
55011	.086	1.73	56805	.108	(a)	57871	.037	.073	58840	.071	.092
55012	.103	.86	56806	.076	(a)	57913	.114	.182	58873	.114	.018
55013	.104	1.00	56807	.076	(a)	57997	.061	—	58903	.031	(a)
55014	(a)	(a)	56808	.099	(a)	57998	.05	.044	58904	.024	.089
55214	.083	.062	56900	.095	(a)	57999	.051	.055	58922	.189	.176
55371	.241	.082	56910	.047	(a)	58009	.051	(a)	59005	.059	.055
55410	(a)	(a)	56911	.101	(a)	58010	.117	(a)	59057	.44	(a)
55426	.126	(a)	56912	.081	.082	58020	.137	(a)	59058	.28	(a)
55597	.021	1.22	56913	.066	(a)	58056	.139	(a)	59188	.27	.039
55647	.042	.07	56915	.39	(a)	58057	.088	(a)	59189	.37	.207
55648	.019	(a)	56916	.36	.26	58058	.079	(a)	59223	.118	.118
55649	.023	(a)	56917	.103	(a)	58095	.111	1.05	59257	.016	.008

DIVISION SIX

PREM/OPS TERR. 001

GENERAL LIABILITY

PROD/COPS

LOSS COST PAGES

\$100,000/200,000 BASIC LIMIT OCCURRENCE Premises/Operations (Prem/Ops) (Subline Code 334) Territory 001 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	.10	(a)	59923	.011	.004	62003	12.80	—	91125	2.35	1.61
59378	.076	.103	59925	.224	1.11	63010	28.30	—	91127	1.55	1.01
59481	.27	.081	59926	.19	.57	63011	35.30	—	91130	1.12	—
59482	.28	(a)	59927	.128	.88	63012	50.30	—	91135	.31	(a)
59537	.082	.207	59931	.206	.32	63013	47.60	—	91150	1.46	4.58
59601	.101	1.44	59932	.222	.57	63215	42.50	—	91155	3.24	23.30
59647	.127	.118	59941	.069	(a)	63216	29.50	—	91160	.94	—
59660	.186	.55	59947	.052	.214	63217	45.50	—	91175	.81	—
59661	.091	(a)	59955	.027	.098	63218	15.30	—	91177	3.56	—
59693	.015	—	59963	.197	.26	63219	(a)	—	91179	3.57	—
59695	(a)	(a)	59964	.46	.052	63220	(a)	—	91190	1.91	(a)
59701	.007	.36	59970	.07	.121	64074	13.00	—	91200	.64	—
59713	.166	.247	59973	.127	(a)	64075	9.13	—	91210	(a)	—
59722	.086	.019	59975	.099	.099	64500	(a)	—	91235	1.79	1.98
59723	.032	.025	59977	.056	(a)	65007	25.90	—	91250	2.69	(a)
59724	.05	.016	59984	.035	.034	66122	11.10	—	91265	13.70	2.89
59725	.062	.094	59985	.136	(a)	66123	6.12	—	91266	7.24	.76
59726	.045	.02	59986	.104	(a)	66309	17.90	—	91280	(a)	2.35
59738	.144	.043	59988	.025	.041	66561	41.40	—	91302	9.76	(a)
59750	.061	.106	59989	.018	.031	67017	38.40	—	91315	2.97	—
59751	.022	(a)	60010	15.70	—	67508	22.50	—	91324	6.61	(a)
59773	.016	.019	60011	18.10	—	67509	16.50	—	91325	(a)	(a)
59774	.013	.105	60012	29.70	—	67510	9.17	—	91340	4.31	6.74
59775	.017	.133	60013	25.40	—	67511	9.92	—	91341	4.08	3.50
59781	.053	.049	60015	19.00	—	67512	42.50	—	91342	3.96	3.23
59782	.079	.63	60016	21.40	—	67513	26.90	—	91343	.90	1.31
59783	.077	(a)	60035	29.10	—	67634	33.20	—	91405	5.02	—
59784	.059	(a)	61000	15.50	—	67635	23.50	—	91436	4.61	1.88
59790	.111	(a)	61212	14.90	—	68001	71.80	—	91481	16.90	—
59798	.202	.29	61216	16.50	—	68439	92.30	—	91507	2.48	2.70
59806	.145	(a)	61217	15.00	—	68500	3.46	—	91523	38.30	—
59867	.125	(a)	61218	10.30	—	68604	1.73	—	91547	.218	—
59886	.017	.072	61223	73.00	—	68606	6.74	—	91551	1.35	.62
59889	.053	.176	61224	23.30	—	68607	5.33	—	91555	1.07	.87
59892	.077	(a)	61225	32.30	—	68702	4.39	—	91560	4.00	3.91
59904	.052	.11	61226	54.30	—	68703	3.29	—	91562	3.01	—
59905	.078	.10	61227	49.70	—	68706	14.10	—	91577	10.70	2.83
59914	.46	.58	62000	11.30	—	68707	13.90	—	91580	5.28	—
59915	.174	.51	62001	8.93	—	90089	3.91	—	91581	(a)	(a)
59917	.032	.195	62002	4.08	—	91111	2.30	4.99	91582	(a)	(a)

\$100,000/200,000 BASIC LIMIT OCCURRENCE											
Premises/Operations (Prem/Ops) (Subline Code 334) Territory 001											
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	1.79	2.42	98308	1.03	.83
91584	(a)	(a)	94569	2.66	3.50	97308	.56	—	98309	4.80	1.84
91585	(a)	(a)	94590	11.40	—	97447	1.84	4.58	98344	.67	.63
91586	(a)	(a)	94617	3.61	—	97501	(a)	—	98405	1.11	—
91587	(a)	(a)	94638	(a)	—	97502	(a)	—	98413	13.00	(a)
91588	(a)	(a)	95124	1.34	1.10	97503	(a)	—	98414	11.90	(a)
91589	(a)	(a)	95233	2.86	—	97504	(a)	—	98415	1.57	(a)
91590	3.12	—	95305	3.10	—	97650	3.31	3.23	98423	3.73	(a)
91591	(a)	(a)	95306	4.39	—	97651	5.44	3.91	98424	6.33	(a)
91606	10.90	—	95310	7.42	1.03	97652	4.72	4.18	98425	2.60	(a)
91618	(a)	(a)	95357	1.12	—	97653	2.83	2.70	98426	2.29	(a)
91629	2.24	(a)	95358	(a)	—	97654	4.94	2.56	98427	2.23	—
91636	3.84	—	95410	4.01	2.43	97655	4.20	3.77	98428	(a)	—
91641	1.04	(a)	95455	4.64	1.48	98002	.76	.85	98429	1.00	—
91666	.84	(a)	95487	2.15	(a)	98003	.88	(a)	98430	(a)	—
91722	3.36	(a)	95505	2.16	1.88	98090	.119	—	98449	3.20	21.30
91746	3.01	4.99	95620	1.75	(a)	98091	.129	—	98482	3.44	5.53
91805	.188	—	95625	4.66	3.23	98092	.40	—	98483	5.08	13.50
92053	.47	.57	95630	(a)	(a)	98111	.45	—	98502	4.86	3.23
92054	.16	.216	95647	2.15	4.99	98150	(a)	—	98555	2.26	—
92055	4.45	.216	95648	(a)	(a)	98151	(a)	—	98597	.51	—
92101	6.97	2.70	96053	1.64	3.77	98152	2.56	.45	98598	.175	—
92102	4.20	2.97	96317	1.16	—	98153	2.88	(a)	98601	5.82	(a)
92215	2.56	2.70	96408	3.47	10.40	98154	3.40	(a)	98622	(a)	—
92338	1.61	1.76	96409	3.20	7.37	98155	4.76	(a)	98623	(a)	—
92445	2.20	—	96410	2.82	7.41	98156	(a)	(a)	98624	.91	—
92446	5.30	1.62	96611	.99	1.25	98157	3.04	.29	98636	2.19	3.10
92447	4.63	1.33	96702	4.00	(a)	98158	(a)	(a)	98640	100.00	—
92451	1.79	2.02	96703	(a)	—	98159	2.04	(a)	98658	4.92	—
92453	2.94	—	96816	3.75	—	98160	4.32	(a)	98659	.88	.34
92478	1.45	1.48	96872	4.12	(a)	98161	4.84	(a)	98677	15.90	8.90
92593	23.40	—	96930	(a)	—	98162	(a)	(a)	98678	14.10	11.70
92663	.52	—	97002	(a)	(a)	98163	5.08	.169	98698	(a)	(a)
94007	9.92	4.32	97003	(a)	(a)	98164	1.51	.059	98699	4.57	(a)
94099	2.26	—	97047	3.01	—	98257	1.34	—	98705	6.96	—
94225	7.98	—	97050	2.33	—	98303	9.56	5.00	98710	3.18	—
94276	4.16	3.77	97111	4.79	—	98304	4.95	3.00	98751	3.72	—
94304	2.28	(a)	97220	.30	(a)	98305	2.41	1.50	98805	4.16	1.15
94381	4.28	9.15	97221	(a)	1.07	98306	6.21	.81	98806	2.04	3.10
94404	3.94	3.56	97222	1.18	1.54	98307	1.57	.45	98810	3.40	—

DIVISION SIX

PREM/OPS TERR. 001

GENERAL LIABILITY

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\$100,000/200,000 BASIC LIMIT OCCURRENCE Premises/Operations (Prem/Ops) (Subline Code 334) Territory 001 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	3.28	1.67	99620	.44	—						
98820	7.93	3.10	99650	.96	.90						
98871	(a)	(a)	99709	2.38	(a)						
98884	2.06	1.88	99718	1.28	—						
98914	.60	.46	99746	2.16	2.83						
98949	.84	.26	99760	.247	—						
98967	3.23	8.50	99777	5.89	—						
98993	4.19	3.13	99793	2.75	—						
99003	1.54	1.01	99798	(a)	(a)						
99004	2.73	1.35	99803	(a)	7.30						
99080	1.09	6.33	99826	.67	.59						
99081	(a)	—	99827	.40	.52						
99082	(a)	—	99851	1.60	—						
99083	(a)	—	99917	2.59	—						
99084	(a)	(a)	99938	2.91	—						
99085	(a)	(a)	99943	8.42	—						
99111	1.59	—	99946	6.27	2.05						
99160	(a)	—	99948	5.05	16.70						
99163	3.78	.34	99952	4.98	13.20						
99165	.82	(a)	99953	5.38	8.00						
99220	1.32	(a)	99954	3.92	10.30						
99221	(a)	(a)	99955	4.90	8.50						
99222	2.48	(a)	99963	.62	—						
99223	.232	(a)	99969	2.40	2.18						
99303	12.70	—	99975	4.34	—						
99310	3.16	(a)	99986	(a)	—						
99315	9.30	1.76	99987	(a)	—						
99321	9.03	2.02	99988	2.12	—						
99445	(a)	(a)									
99471	.60	—									
99505	3.54	—									
99506	4.36	—									
99507	3.80	—									
99570	2.04	(a)									
99571	.50	(a)									
99572	.96	(a)									
99573	.92	(a)									
99600	1.19	—									
99613	8.01	2.02									
99614	2.65	—									