LOSS COSTS – IMPLEMENTATION   AUGUST 1, 2022

                              GENERAL LIABILITY   LI-GL-2022-172

ARIZONA GENERAL LIABILITY ADVISORY PROSPECTIVE LOSS COST REVISION TO BE IMPLEMENTED; NEW FILING FORMAT

KEY MESSAGE

Revised overall prospective loss costs for -3.2% to be implemented.

BACKGROUND

In circular LI-GL-2022-069, we provided you with information about the General Liability loss cost level experience review.

In circular LI-GL-2020-227, a Loss Cost Addendum (LCADD) Page was added to the Commercial Lines Manual to provide loss cost information for new classes being introduced.

CONSIDERATION OF COVID-19

There will almost certainly be long-term behavioral, social and economic changes as a result 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. In this filing, the loss costs for several impacted OL&T classes have been adjusted to reflect these changes.

Additionally, due to the impact that the COVID-19 pandemic had on experience from March 2020 and beyond, we have included a fourth year of experience in calculating prospective loss costs level changes. We will continue to seek the appropriate balance between the 2020/2021 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 widespread viral resurgence or 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.

IMPORTANT NOTE

Change in Format

The loss cost filing has been restructured. The explanatory text, for all sections of the filing, appears first; all the exhibits are then grouped together and appear next; and the updated manual pages come last. We invite customers to share feedback on this revised format and suggestions for further enhancements by contacting the individuals listed in the "Contact Information" block.

The explanatory pages are in a Microsoft® Word document. The filing exhibits are presented in Microsoft® Excel spreadsheets. It should be noted that the excel exhibits found in this circular are for display purposes only (i.e., the exhibits do not contain the formulas that underly the calculations). We plan to introduce excel spreadsheets that include formulas in the future.

Refer to the attached explanatory material for complete details about the filing.

ISO ACTION

We are implementing GL-2022-BGL1, which presents a review of General Liability loss cost experience.

In this revision, the LCADD page is being removed and the loss costs for the classes included on the LCADD page are being added to the state loss cost manual pages.

Refer to the attachment(s) for complete details.

SUPPLEMENTARY INFORMATION

We are including the following supplementary information:

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

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

EFFECTIVE DATE

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

These changes are applicable to all policies written on or after January 1, 2023.

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

IMPACT ON THE STATISTICAL REPORTING OF LOSS COST MULTIPLIER

For the purpose of reporting your company Loss Cost Multiplier under the CSP, as of January 1, 2023, the multiplier must be based on the relationship between your gross rates and the ISO advisory prospective loss costs contained in this circular.

COMPANY ACTION

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

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

WE WILL SUBMIT OUR REFERENCE FILING TO THE INSURANCE DEPARTMENT ON NOVEMBER 30, 2022. 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-2022-BGL1 and SERFF Tracking Number ISOF-133340689, NOT this circular number.

CAUTION: This reference filing revises only certain advisory prospective loss costs for Commercial 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-2022-006 contains the ISO Guide To Renewals With Changed Conditions For Commercial Lines, which is available only as a guide to assist participating companies in complying with various conditional renewal statutes or regulations, for the major commercial lines of insurance serviced by ISO. The information in the Guide does not necessarily reflect all requirements or exceptions that may apply, and it is not intended as a substitute for your review of all applicable statutes and regulations concerning policyholder notification.

REVISION DISTRIBUTION

We will issue a Notice to Manualholders with an edition date of 1-23 (or the earliest possible subsequent date), along with any new and/or revised manual pages.

REFERENCE(S)

- LI-GL-2022-069 (04/11/2022) General Liability Basic Limit Experience For 2022 Group 2 Jurisdictions Reviewed By Staff

- LI-CL-2022-006 (02/22/2022) Revised Lead Time Requirements Listing

- LI-GL-2020-227 (12/31/2020) 2020 General Liability Multistate Loss Costs Mappings Addressing Cannabis Are Being Filed

ATTACHMENT(S)

- GL-2022-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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IMPORTANT NOTICE FOR USERS OF ISO PRODUCTS AND SERVICES

Please make sure that your company has authorized your use of this product and has complied with the requirements applicable in the jurisdiction where you plan to use it.

We distribute both state-specific and multistate products and services. We do not distribute all the multistate products and services for use in every jurisdiction due to corporate policy, regulatory preference, or variations or lack of clarity in state laws.

We provide participating insurers with information concerning the jurisdictions for which our products and services are distributed. Even in those jurisdictions, each insurer must determine what filing requirements, if any, apply; and whether those requirements have been satisfied.

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

CONTACT INFORMATION

If you have any questions concerning:

- The actuarial content of this circular, please contact:

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- The non-actuarial content of this circular, please contact:

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- Other issues for this circular, please contact Customer Support:

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Callers outside the United States, Canada, and the Caribbean may contact us using our global toll-free number (International Access Code + 800 48977489). For information on all ISO products, visit us at www.verisk.com/iso. To keep abreast of the latest Insurance Lines Services updates, view www.verisk.com/ils.

ARIZONA GL-2022-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 -3.2% change from the current ISO loss costs. Please note that throughout this document the term loss costs means advisory prospective loss costs. • provides the analyses used to derive these advisory loss costs.
DEFINITION OF THE ISO ADVISORY PROSPECTIVE LOSS COSTS	Advisory prospective loss costs in this document are the expected value of that portion of a rate that does not include provisions for expenses (other than loss adjustment expenses) or profit, and are based on historical aggregate losses and loss adjustment expenses adjusted through development to their ultimate value and projected through trending to a future point in time.
CONSIDERATION OF COVID-19	In GL-2021-BGL1, loss costs for nine classifications were adjusted due to the anticipation of long-term behavioral, social and economic changes as a result of COVID-19. The expectation, based on the information currently available, was that those changes would have a material impact on prospective loss costs for certain risks. To reflect these changes, judgmentally selected adjustment factors were applied to the loss costs for those nine classes. These OL&T class specific COVID-19 adjustments are still being reflected in the loss costs within this document. Refer to Section D for details. Additionally, due to the impact that the COVID-19 pandemic had on experience from March 2020 and beyond, we have included 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 2020/2021 experience and the experience of other years used in the analyses to determine our prospective loss costs for future periods. Also, adjustment factors were applied to the premium development factors for the latest accident year to reflect the reduced expected exposures for M&C, Local Products/Completed Operations and Products due to COVID-19 and the economic recession in 2020. The factors were determined by an analysis of historical experience and actuarial judgment. Refer to Section D for details. While there is still great uncertainty around COVID-19, the above referenced adjustments do not contemplate the possibility of widespread viral resurgence or 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: |

SUBLINE	INDICATED	SELECTED
M&C	-8.8%	-8.8%
OL&T	+5.9%	+5.9%
Premises/Operations	-0.5%	-0.5%
Products	-4.1%	-4.1%
Local Products/Completed Operations	-13.3%	-13.3%
Products/Completed Operations	-11.5%	-11.5%
GL Overall	-3.2%	-3.2%

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-6 for the latest revisions in this jurisdiction.

CHANGE IN FORMAT

In this document, all explanatory material appears first, then followed by all exhibits. Explanatory pages are numbered A-1 through E-1, the exhibits are labeled EXHIBIT A1 through EXHIBIT C23. The revised prospective loss costs are displayed in Exhibit A6.

CHANGE IN ALAE PROCEDURE IN SEVERITY TREND

In this document, the procedure to determine the ultimate ALAE underlying the severity trend analysis has been revised to be 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 $500,0000 limit indemnity losses for a given accident year and added to the reported paid ALAE to calculate the ultimate ALAE. Historically, the reported ALAE underlying the severity trend had been developed to ultimate using the traditional link ratio method.

INTRODUCTION OF BASE CLASS LOSS COSTS AND CLASS DIFFERENTIALS FOR LOCAL PRODUCTS/ COMPLETED OPERATIONS

The procedure to calculate the proposed loss costs for Local Products/Completed Operations is being revised in this document. The revised procedure is the same procedure currently used in the calculation of the loss costs for Premises/Operations with adjustments to reflect that Local Products/Completed Operations loss costs are always calculated at the state level even if there are multiple territories. Prior to this filing, the Local Products/Completed Operations proposed loss costs were calculated using a Bayesian credibility procedure whose parameters were updated with each review. As part of the change in procedure in this document base class loss costs and class differentials for Local Products/Completed Operations are also being introduced.

INTRODUCTION
OF CANNABIS
CLASSIFICATION
CODES TO THE
STATE LOSS
COST PAGES

In the 2020 Commercial General Liability Rule Filing GL-2020-RMJRU, we introduced several Cannabis classification codes.

In the companion Loss Cost Revision GL-2020-RMJLC, we provided loss cost mappings for the new classifications.

In Section A of this revision we display loss costs for the manually rated classifications as follows:

10011	Cannabis Distributors – Other than hemp
10012	Hemp Distributors
10025	Cannabis-Containing Products Distributors – Other than hemp
10027	Hemp-Containing Products Distributors
10210	Cannabis Stores - NOC
10211	Cannabis Stores - Medical Dispensaries
50011	Cannabis Manufacturing – Other than hemp
50012	Hemp Manufacturing - NOC
50018	Cannabis-Containing Products Manufacturing – Other than hemp
50019	Hemp-Containing Products Manufacturing

These classifications will be added to the state loss cost pages with this revision.

The Loss Cost Mappings by Class Exhibit that was issued as a Loss Cost Addendum (LCADD) Page in the Commercial Lines Manual will be removed with this revision.

HISTORICAL
SOURCE DATA

The data used in this document is:

- ISO reporting companies' voluntary experience.
- Calendar-accident year data through year ended 3/31/2021 for Premises/Operations.
- Calendar-accident year data through year ended 12/31/2020 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 9/1/2022. The Products/ Completed Operations portion of this review uses a trend date of 7/1/2022 because of the multistate nature of the review. To adjust the loss and exposure data to levels expected to prevail during the period when the revised indications are assumed to be in effect, historical losses and exposures have been multiplied by trend factors. These trend factors are based on changes in cost, frequency and inflation sensitive exposure bases that are expected to arise between the historical experience period and the prospective period during which the revised loss costs will be in effect. For a summary of the selected annual trend factors, see Exhibits C7, C14 and C21.

For Premises/Operations, occurrence cost data and occurrence frequency data through 12/31/2020 were used in selecting annual trend factors. For Products/Completed Operations, occurrence cost data and occurrence frequency data through 12/31/2020 were used.

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

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

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

TEN LARGEST COMPANY GROUPS IN ISO DATA BASE

OTHER LIABILITY (ASLOB 17.0)	PRODUCTS LIABILITY (ASLOB 18.0)
1. Travelers Indemnity Co.	1. Chubb Group of Insurance Cos.
2. Continental Casualty Co.	2. Zurich American Insurance Co.
3. Liberty Mutual Insurance Co.	3. Fireman's Fund Insurance Co.
4. XL Specialty Insurance Co.	4. Selective Insurance Group
5. Chubb Group of Insurance Cos.	5. Travelers Indemnity Co.
6. Zurich American Insurance Co	6. Cincinnati Insurance Co.
7. Cincinnati Insurance Co.	7. Continental Casualty Co.
8. Great American Insurance Co.	8. Liberty Mutual Insurance Co.
9. Tokio Marine Cos.	9. United Fire & Casualty Co.
10. United Services Auto Assn.	10. Nationwide 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 12/31/2020 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 12/31/2020 is:

Statewide - Other Liability (ASLOB 17.0)	29.8 %
Multistate - Products Liability (ASLOB 18.0)	40.1 %

COMPANY DECISION

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

COMPANY
DECISION
(Cont'd)

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

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EXPLANATION

ARIZONA
PRIOR REVISIONS

The latest implemented revisions in this state are:

Document: GL-2021-BGL1

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

Document: GL-2020-BGL1

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

Document: GL-2019-BGL1

Coverage	Effective Date	Loss Cost Level Changes		
		Indicated	Selected	Implemented
M&C		-0.9%	-0.9%	-0.9%
OL&T		+0.1%	+0.1%	+0.1%
Prem/Ops Combined		-0.3%	-0.3%	-0.3%
Products		-11.4%	-11.4%	-11.4%
Local Products/Completed Ops		-4.1%	-4.1%	-4.1%
Products/Completed Operations		-5.4%	-5.4%	-5.4%
General Liability Overall	9/1/2019	-1.4%	-1.4%	-1.4%

ARIZONA
GENERAL LIABILITY
TABLE OF CONTENTS

ARIZONA
GENERAL LIABILITY
TABLE OF CONTENTS

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.

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

- 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 x CG Relative Change x Territory Relative Change x 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 x CG Relative Change x 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.

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.

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.

Prior to this filing, the proposed loss cost for Local Products/Completed Operations were calculated using a Bayesian credibility procedure whose parameters were updated with each review. This procedure has been revised in this filing and 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.

STEP 1 - DETERMINATION OF INDICATED LOSS COST LEVEL CHANGE

OBJECTIVE

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?

DESCRIPTION

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.

However, due to the impact that the COVID-19 pandemic and subsequent recession had on experience from March 2020 and beyond, the procedure has been revised 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.

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.

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.

EXPERIENCE
BASE

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.

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.

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.

STEP 2 - DISTRIBUTION OF BASIC LIMIT LOSS COST LEVEL INDICATION

OBJECTIVE

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.

PREMISES/
OPERATIONS

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.

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 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.

PRODUCTS

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.

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.

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.

Arizona GL-2022-BGL1

EXPLANATORY NOTES TO DETERMINATION OF INDICATED
LOSS COST LEVEL CHANGE

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

For Premises/Operations and Products/ Completed Operations, the loss cost level indications are based upon a review of the latest four years of basic limit experience of companies reporting to Insurance Services Office, Inc. For Premises/Operations, data for accident years ending March 31, 2018, 2019, 2020, and 2021 are weighted 25%, 25%, 25% and 25% respectively. For Products/Completed Operations, multistate data for accident years ending December 31, 2017, 2018, 2019, and 2020 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).

<u>EXPLANATORY NOTES TO RELATIVE CHANGE ANALYSIS</u>

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

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:

$$TOP_i = \frac{\sum_j \sum_k W_{ijk} r_{ijk}}{\sum_j \sum_k W_{ijk} CG_j TER_k} \qquad \text{where } 1 \le i \le m$$

$$CG_j = \frac{\sum_i \sum_k W_{ijk} r_{ijk}}{\sum_i \sum_k W_{ijk} TOP_i TER_k} \qquad \text{where } 1 \le j \le n$$

$$TER_k = \frac{\sum_i \sum_j W_{ijk} r_{ijk}}{\sum_i \sum_j W_{ijk} TOP_i CG_j} \qquad \text{where } 1 \le k \le p$$

TOP_i is the relative change for the ith type of policy;

CG_j is the relative change for the jth class group;

TER_k is the relative change for the kth territory;

W_{ijk} is the aggregate loss costs at current level for the ith

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

r_{ijk} is the relative change for the ith 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;

ITERATIVE
PROCEDURE
(Cont'd)

For Manufacturers and Contractors, and Products:

$$TOP_i = \frac{\sum\limits_{j} W_{ij} r_{ij}}{\sum\limits_{j} W_{ij} CG_j} \qquad \text{where } 1 \le i \le m$$

$$CG_j = \frac{\sum\limits_{i} W_{ij} r_{ij}}{\sum\limits_{i} W_{ij} TOP_i} \qquad \text{where } 1 \le j \le n$$

TOP_i is the relative change for the ith type of policy;

CG_j is the relative change for the jth class group;

W_{ij} is the aggregate loss costs at current level for the ith

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

r_{ij} is the relative change for the ith 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;

ITERATIVE
PROCEDURE
(Cont'd)

For Local Products/Completed Operations:

$$TOP_i = \frac{\displaystyle\sum_j \sum_k W_{ijk} r_{ijk}}{\displaystyle\sum_j \sum_k W_{ijk} CG_j ST_k} \qquad \text{where } 1 \le i \le m$$

$$CG_j = \frac{\displaystyle\sum_i \sum_k W_{ijk} r_{ijk}}{\displaystyle\sum_i \sum_k W_{ijk} TOP_i ST_k} \qquad \text{where } 1 \le j \le n$$

$$ST_k = \frac{\displaystyle\sum_i \sum_j W_{ijk} r_{ijk}}{\displaystyle\sum_i \sum_j W_{ijk} TOP_i CG_j} \qquad \text{where } 1 \le k \le p$$

TOP_i is the relative change for the ith type of policy;

CG_j is the relative change for the jth class group;

ST_k is the relative change for the kth state;

W_{ijk} is the aggregate loss costs at current level for the ith

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

r_{ijk} is the relative change for the ith 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;

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 $Z = \sqrt{P/18,000}$ for Owners, Landlords and Tenants, $Z = \sqrt{P/18,000}$ for Manufacturers and Contractors and $Z = \sqrt{P/20,000}$ for Products, where P is the 5 year occurrence total for a given class group, territory or type of policy. For Local Products/Completed Operations, separate formulas are used to calculate the credibility of the experience for each type of policy and class group versus the credibility of the experience for each state, namely $Z = \sqrt{P/15,000}$ for type of policy and class group, and $Z = \sqrt{P/5,500}$ for state(in this case, P is the 5 year occurrence total for a given state). Credibility-weighted relative changes are then calculated as follows:

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

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.

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:

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

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.

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.

IMPORTANCE OF
APPLICATION

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

APPLICATION OF
EXPOSURE
DEVELOPMENT
FACTORS

The earned exposures underlying the Premises/Operations statewide loss cost level indications are evaluated as of June 30, 2021. Products/Completed Operations data is evaluated as of March 31, 2021.

For example, the accident year ending December 31, 2020 includes all exposures earned during the period from January 1, 2020 through December 31, 2020.

The immature experience reported as of 15 and 27 months for accident years ending 3/31/2021 and 3/31/2020 must be adjusted to an ultimate exposure development basis. This adjustment is accomplished through the use of an exposure development factor. Exposures are assumed to be mature at 39 months. Exposure development factors are based on experience evaluated as of March 31, 2021 for Premises/ Operations and March 31, 2021 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.

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.

An adjustment factor was applied to the exposure development factors for the latest accident year to reflect the reduced expected exposures for M&C, Local Products/Completed Operations and Products due to COVID-19 and the economic recession in 2020. This factor was determined by an analysis of historical experience and actuarial judgment. Refer to Section D for details.

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

APPLICATION OF LOSS DEVELOPMENT FACTORS	The incurred losses and allocated loss adjustment expenses underlying the Premises/Operations statewide loss cost level indications were evaluated as of June 30, 2021. Products/Completed Operations data is evaluated as of March 31, 2021.

For example, the accident year ending December 31, 2020 includes all losses and allocated loss adjustment expenses paid on accidents occurring from January 1, 2020 through December 31, 2020 and all losses and loss adjustment expenses outstanding on those policies as of March 31, 2021, 15 months after the inception of the accident year.

The immature experience reported as of 15, 27, 39 and 51 months for accident years ending 3/31/2021, 3/31/2020, 3/31/2019, and 3/31/2018 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).

APPLICATION OF
LOSS DEVELOPMENT
FACTORS
(Cont'd)

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

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

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

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

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

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

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

EXPLANATION OF ALLOCATED LOSS ADJUSTMENT EXPENSE (ALAE) DEVELOPMENT

OBJECTIVE

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

Traditional development procedures customarily used for losses apply a loss development factor to reported losses at various evaluation points. For example, a '15-month to ultimate' factor would be applied to the losses for accident year ended March 31, 2021 evaluated as of June 30, 2021. 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,

Ultimate ALAE = (Incurred ALAE at 15 months) +
  (sum of incremental ALAE percentages) *
    (ultimate indemnity)

APPLICATION

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

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

EXPLANATION OF ALLOCATED LOSS ADJUSTMENT EXPENSE (ALAE) DEVELOPMENT

FRINGE

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

PRODUCTS

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

LOCAL PRODUCTS/ COMPLETED OPERATIONS

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

EXPLANATION OF MODIFIED BONDY METHOD

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

Accident Year	171 to 183 Months	183 to 195 Months	195 to 207 Months	207 to 219 Months	219 to 231 Months	231 to 243 Months	243 Months To Ultimate
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:

$$V = BTOF2^{(P1)} \quad X = BTOF4^{(P3)}$$
$$W = BTOF3^{(P2)} \quad Y = BTOF5^{(P4)}$$
$$Z = BTOF6^{(P5)}$$

Where the powers P1, P2, P3, P4 and P5 are defined as follows:

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

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

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

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

If $BTOF5 > 1.0$ and $(0.8 * Log (BTOF5)) \geq Log (BTOF6) \geq 0.0$
Or $BTOF5 < 1.0$ and $(0.8 * Log (BTOF5)) \leq Log (BTOF6) \leq 0.0$
Then $P5 = Log (BTOF6) / (Log(BTOF5) - Log (BTOF6))$ 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

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.

IMPORTANCE OF APPLICATION

The unallocated loss adjustment expense factor is necessary to account for loss adjustment expenses which cannot be allocated to a particular claim.

METHODOLOGY FOR LIABILITY COVERAGES

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.

Starting with the 2011 review, experience for CMP Liability has been included with the data used to select the ULAE factor.

For this review the factor is 1.080.

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. 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.

Arizona   GL-2022-BGL1

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.

FREQUENCY TREND

The historical occurrence frequency data are displayed in EXHIBIT C7, EXHIBIT C14 and EXHIBIT C21. For Premises/Operations, these pages display the frequency data for CGL only for accident years ending 12/31/2007 - 12/31/2020. For Products/Completed Operations, these pages display the frequency data for CGL only for accident years ending 12/31/2007 - 12/31/2020. 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 Owners, Landlords and Tenants, Products and Local Products/Completed Operations. For Manufacturers and Contractors, we have also selected -0.5%. These selections are consistent with a measured approach toward frequency trend selections, which reflects the difficulty of predicting turning points for cyclical and volatile data along with the amplifying effects that varying frequency trend selections have on indicated loss cost level changes.

For Premises/Operations and Products/Completed Operations, frequency trend data includes pandemic impacted periods. It is expected that the sharpest economic and pandemic disruptions have already occurred, but the effects may persist in muted form for some time. Less reliance than normal has been placed on the frequency trend data for the latest points (year ending 12/31/2020) 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:

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

The rule for Owners, Landlords and Tenants is:

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

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:

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

For Owners, Landlords and Tenants:

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

For Products:

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

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:

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

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.

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

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 (Zi) of the individual class with respect to the class group. This is calculated based on the equation:

$$Z_i = \frac{K-3}{K}\left(\frac{\overline{P_i}}{\overline{P_i} + \frac{\Sigma^2}{T^2}}\right) + \frac{3}{K}$$

> K = The number of classes within the class group.
> $\overline{P_i}$ = The 5 year total Monoline/Multiline ALCCL for class i.
> Σ^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:

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

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

$$\overline{X} = \frac{\sum_{i=1}^{k} Z_i\overline{X_i}}{\sum_{i=1}^{k} Z_i}$$

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.

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 0.999 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 is being filed with the 2022 revisions. The LPCO differential review is presented in EXHIBIT C23 and pages C-22 and C-23.

PRODUCTS/COMPLETED OPERATIONS
CLASS EXCEPTIONS

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

Products Included
47469   Not valid for New Jersey
49910   Valid only for New York
49920   Valid only for New York
93169   Valid only for Louisiana

Class Group 21
49913   Valid only for New York

Class Group 03
51029   Valid only for Hawaii
51098   Valid only for Hawaii

Class Group 22
93166   Valid only in Louisiana
93167   Valid only in Louisiana

EXPLANATORY NOTES TO CLASS GROUPS, PROPOSED DIFFERENTIALS AND DIFFERENTIAL REVIEW –
LOCAL PRODUCTS/COMPLETED OPERATIONS

The procedure to calculate the proposed loss costs for Local Products/Completed Operations is being revised in this document. In order to use the revised method, class differentials need to be determined for each class group. The procedure to determine class differentials uses Bayesian credibility and calculates class experience ratios in order to increase stability and reduce the need for judgmental selections for the differentials.

The revised loss cost calculation procedure is the same procedure currently used in the calculation of the loss costs for Premises/Operations with adjustments to reflect that Local Products/Completed Operations loss costs are always calculated at the state level even if there are multiple territories. Similarly, the calculation of class differentials is the same procedure currently used for Premises/Operations with adjustments to reflect that no class differentials exist for Local Products/Completed Operations currently. As part of the change in procedure, base classes for each class group are also being introduced.

The class groups and proposed countrywide differentials for Local Products/Completed Operations classifications are presented in EXHIBIT C22. Class groups 21 and 22 are A-rated class groups and are not reviewed in this document. Class groups 1 and 2 are considered Local Products, while class groups 11-13 are considered Completed Operations.

The Local Products/Completed Operations differential review is presented in EXHIBIT 23. The review consists of ten accident years (ending December 31, 2010 through 2019) of multistate data evaluated as of March 31, 2020. Local Products and Completed Operations class group reviews have been displayed separately.

Basic limit indemnity losses are limited to $100,000 per occurrence. Allocated Loss Adjustment Expenses (ALAE) are also included. Indemnity and ALAE have both been trended and developed (separately) to ultimate, with a trend-to date of July 1, 2023. Developed and trended to ultimate ALAEs are capped at $2,000,000 limit per incident to temper the impact on the class differentials caused by individual large ALAE incidents. A provision of 8.0% of indemnity and ALAE was used to account for Unallocated Loss Adjustment Expense.

Multistate data has been adjusted to reflect the appropriate Implicit Package Modification Factors (IPMFs) by state and type of policy. Accident year exposures have been developed to ultimate. Inflation-sensitive exposures have been adjusted to prospective level using exposure trend.

Other data selection is as follows:

- Full coverage and deductible data are included.

- Bodily Injury and Property Damage types of loss are included.

- Occurrence coverage data are included; Claims-made coverage data are excluded.

The following definitions apply to the Classification Differential Exhibits:

- Item (1), the Class Group Experience Ratio, is the weighted average of the ten-year Experience Ratio in Column (4) for all classes in the class group, using Column (3) as weights.

- Column (2), the Current Implied Class Differential, is the average relationship between the loss cost for the class and the loss cost for the base class across jurisdictions. Puerto Rico is excluded from this calculation.

- Column (3) is the Mono/Multiline Aggregate Loss Cost at Current Level (ALCCL) for the ten accident years (ending December 31, 2010 through 2019) combined, determined by multiplying the adjusted aggregate exposures for each class by the current loss cost for that class.

- Column (4), the Experience Ratio, is equal to the total Ultimate Basic Limit Incurred Losses and ALAE with the ULAE provision for the ten accident years combined, divided by column (3).

- Column (5) is the Credibility (Z_i) of the individual class with respect to the class group. This is calculated based on the equation:

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

> K = The number of classes within the class group.
> $\overline{P}_i$ = The 10 year total Mono/Multiline ALCCL (Column (3)) for class i.
> Σ^2 = The average within class variance for the class group. (Sigma Squared)
> T^2 = The between class variance for the class group. (Tau Squared)

For classes with no ALCCL in the ten accident years, the credibility (Z_i) is not calculated.

- Column (6) 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:

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

$\overline{X}_i$ = The 10 year average experience ratio for class i from column (4).

> $\overline{X}$ = The average experience ratio for the class group, which is calculated as the average
> of the -10 year experience ratios in Column (4), using Column (3) as weights.

For classes with no ALCCL in the ten accident years, the Formula Experience Ratio is the average experience ratio for the class group.

- Column (7), the Normalized Indicated Change to the Differential, is equal to Column (6) (the Formula Experience Ratio) for the class, divided by Column (6) for the base class in the class group.

- Column (8), the Indicated Differential, is the Normalized Indicated Change (Column (7)) multiplied by the Current Implied Class Differential (Column (2)).

- Column (9), the Indicated Change, is Column (7) reformatted as a percent change.

- Column (10), the Selected Change, is equal to the Selected Differential (Column (11)) divided by the Current Implied Class Differential (Column (2)) minus one.

- Column (11), the Selected Differential is equal to the Indicated Differential in Column (8), capped at +50%/-25% (Differentials below 0.1 have been rounded to three decimal places which is consistent with Premises/Operations) except for two cases:

  a. Due to low data volume for class 11259, the class differential was selected to be the same as class 11258.

  b. A selection (0.31) was made for class 97652 to temper the impact of one large occurrence.

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. Additionally, for M&C, Local Products/Completed Operations and Products exposure development an adjustment factor has been applied to the standard ISO methodology development factor to be reflected in the latest experience accident year (year ending 12/31/2020 for Products/Completed Operations and year ending 3/31/2021 for M&C).

LOSS COST
ADJUSTMENTS
GENERAL LIABILITY

In GL-2021-BGL1, loss costs for nine classifications were adjusted due to the anticipation of long-term behavioral, social, and economic changes as a result of COVID-19. The expectation, based on the information currently available, was that those changes would have a material impact on prospective loss costs for certain risks. To reflect these changes, judgmentally selected adjustment factors were applied to the loss costs for those nine classes.

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

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

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

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%

EXPOSURE
DEVELOPMENT
ADJUSTMENT
FACTOR

In general, exposure development is intended to account for cases where actual exposures during the policy period are different from exposures estimated at policy inception. During times of economic expansion, audits of sales and payroll (and other auditable exposure bases) typically lead to increased exposures and exposure development factors greater than unity. The opposite typically occurs during recessions.

For the recent recession in particular, for Premises/Operations many of the premium audits that will impact accident year-ending 3/31/2021 had not yet occurred as of the 6/30/2021 evaluation date. Similarly for Products/Completed Operations many of the premium audits that will impact accident year-ending 12/31/2020 had not yet occurred as of the 3/31/2021 evaluation date. As a result, an exposure development adjustment factor has been applied to account for the overall exposure decreases expected upon audit.

To develop the adjustment factor, historical year-to-year changes in gross domestic product ("GDP") were compared to ISO exposure development 15-to-27 month link ratios from 2004 through 2020. See the "Exposure Development Adjustment Factor Data" exhibits below for details. The 15-to-27 links were chosen for review because most audits are usually completed by 27 months. However, a limitation of the available development data is the presence of only a single recession, namely the late 2000's "Great Recession", so the observed data was used to inform actuarial judgment rather than as input to a model.

For M&C, an adjustment factor of 0.95 was selected and applied to the accident year ending 12/31/2020 exposure development factor from the standard ISO methodology. Similarly, adjustment factors of 0.96 and 0.95 have been selected and applied for Products and Local Products/Completed Operations respectively.

For each subline, the selections are an estimate of the change in development based on the observed year-ending 12/31/2020 GDP change and the historical relationship between the GDP changes and corresponding exposure development factors.

No adjustment is being made at this time for OL&T. In contrast to the other sublines where almost every class could potentially be subject to audit, there are fewer OL&T classes with auditable exposures that would potentially be impacted by COVID-19 and the resulting recession. This is supported by the historical OL&T exposure development factors, which have been observed to be less sensitive to historical changes in GDP.

MULTISTATE
MANUFACTURERS AND CONTRACTORS

FULL & DEDUCTIBLE COMBINED
TOTAL LIMITS PREMIUM

EXPOSURE DEVELOPMENT ADJUSTMENT FACTOR DATA

Accident Year Ending	15-to-27 link	Change in GDP*	Comments**
12/31/2004	1.030	1.039	
12/31/2005	1.033	1.035	
12/31/2006	1.023	1.028	
12/31/2007	1.008	1.020	Recession starts 12/2007.
12/31/2008	0.984	1.001	
12/31/2009	0.978	0.974	Recession ends 6/2009.
12/31/2010	1.007	1.027	
12/31/2011	1.017	1.015	
12/31/2012	1.018	1.023	
12/31/2013	1.022	1.018	
12/31/2014	1.034	1.023	
12/31/2015	1.024	1.027	
12/31/2016	1.020	1.017	
12/31/2017	1.022	1.023	
12/31/2018	1.015	1.029	
12/31/2019	1.010	1.023	
12/31/2020		0.966	Recession starts 2/2020.
			Recession ends 4/2020.

Selected Exposure Development Adjustment Factor (applied to 15-to-ultimate development factor): **0.950**

* Accident year GDP were calculated by averaging quarterly seasonally adjusted gross domestic product ("GDP") totals at annual rate over each set of four relevant years. Changes in GDP are then the ratio of the resulting averages for adjacent accident years.

Source: U.S. Bureau of Economic Analysis, Real Gross Domestic Product [GDPC1], retrieved from FRED, Federal Reserve Bank of St. Louis; https://fred.stlouisfed.org/series/GDPC1, January 14, 2022.

** Source: Federal Reserve Bank of St. Louis; https://fredhelp.stlouisfed.org/fred/data/understanding-the-data/recession-bars/, January 14, 2022.

MULTISTATE
PRODUCTS

FULL & DEDUCTIBLE COMBINED
TOTAL LIMITS PREMIUM

EXPOSURE DEVELOPMENT ADJUSTMENT FACTOR DATA

Accident Year Ending	15-to-27 link	Change in GDP*	Comments**
12/31/2004	1.029	1.039	
12/31/2005	1.036	1.035	
12/31/2006	1.026	1.028	
12/31/2007	1.019	1.020	Recession starts 12/2007.
12/31/2008	0.992	1.001	
12/31/2009	0.987	0.974	Recession ends 6/2009.
12/31/2010	1.019	1.027	
12/31/2011	1.024	1.015	
12/31/2012	1.022	1.023	
12/31/2013	1.009	1.018	
12/31/2014	1.021	1.023	
12/31/2015	1.002	1.027	
12/31/2016	0.997	1.017	
12/31/2017	1.004	1.023	
12/31/2018	0.999	1.029	
12/31/2019	0.991	1.023	
12/31/2020		0.966	Recession starts 2/2020.
			Recession ends 4/2020.

<u>Selected Exposure Development Adjustment Factor</u> (applied to 15-to-ultimate development factor): **0.960**

* Accident year GDP were calculated by averaging quarterly seasonally adjusted gross domestic product ("GDP") totals at annual rate over each set of four relevant years. Changes in GDP are then the ratio of the resulting averages for adjacent accident years.

<u>Source</u>: U.S. Bureau of Economic Analysis, Real Gross Domestic Product [GDPC1], retrieved from FRED, Federal Reserve Bank of St. Louis; https://fred.stlouisfed.org/series/GDPC1, January 14, 2022.

** <u>Source</u>: Federal Reserve Bank of St. Louis; https://fredhelp.stlouisfed.org/fred/data/understanding-the-data/recession-bars/, January 14, 2022.

MULTISTATE
LOCAL PRODUCTS/COMPLETED OPERATIONS

FULL & DEDUCTIBLE COMBINED
TOTAL LIMITS PREMIUM

EXPOSURE DEVELOPMENT ADJUSTMENT FACTOR DATA

Accident Year Ending	15-to-27 link	Change in GDP*	Comments**
12/31/2004	1.027	1.039	
12/31/2005	1.030	1.035	
12/31/2006	1.022	1.028	
12/31/2007	1.007	1.020	Recession starts 12/2007.
12/31/2008	0.983	1.001	
12/31/2009	0.975	0.974	Recession ends 6/2009.
12/31/2010	1.002	1.027	
12/31/2011	1.020	1.015	
12/31/2012	1.022	1.023	
12/31/2013	1.023	1.018	
12/31/2014	1.026	1.023	
12/31/2015	1.024	1.027	
12/31/2016	1.026	1.017	
12/31/2017	1.019	1.023	
12/31/2018	1.016	1.029	
12/31/2019	1.015	1.023	
12/31/2020		0.966	Recession starts 2/2020. Recession ends 4/2020.

Selected Exposure Development Adjustment Factor (applied to 15-to-ultimate development factor): **0.950**

* Accident year GDP were calculated by averaging quarterly seasonally adjusted gross domestic product ("GDP") totals at annual rate over each set of four relevant years. Changes in GDP are then the ratio of the resulting averages for adjacent accident years.

Source: U.S. Bureau of Economic Analysis, Real Gross Domestic Product [GDPC1], retrieved from FRED, Federal Reserve Bank of St. Louis; https://fred.stlouisfed.org/series/GDPC1, January 14, 2022.

** Source: Federal Reserve Bank of St. Louis; https://fredhelp.stlouisfed.org/fred/data/understanding-the-data/recession-bars/, January 14, 2022.

LOSS COST MAPPING BY CLASS

For new classifications introduced in the Classification Table revision addressed in multistate rules filing GL-2020-RMJRU, use the Premises and Operations (Subline Code 334) and Products/Completed Operations (Subline Code 336) loss costs for the existing classifications displayed in the following table:

New Class Code	Premises/ Operations	Products
10011	Use 100% of premises/operations loss cost for Class 12373.	RTC
10012	Use 116% of premises/operations loss cost for Class 12373.	RTC
10025	Use 100% of premises/operations loss cost for Class 12373.	RTC
10027	Use 100% of premises/operations loss cost for Class 12373.	RTC
10210	Use 65% of premises/operations loss cost for Class 12374.	RTC
10211	Use 65% of premises/operations loss cost for Class 12374.	RTC
50011	Use 110% of premises/operations loss cost for Class 52343.	RTC
50012	Use 100% of premises/operations loss cost for Class 58503.	RTC
50018	Use 100% of premises/operations loss cost for Class 52343.	RTC
50019	Use 100% of premises/operations loss cost for Class 52911.	RTC

Table #1(LCADD) Loss Cost Mapping By Class

ARIZONA

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)	- 8.4%	+ 1.3%	- 2.9%				
Statewide Indicated Monoline Loss Cost Level Change (See Section B)	- 8.8%	+ 5.9%	- 0.5%	- 4.1%*	- 13.3%**	- 11.5%	- 3.2%
Statewide Selected Monoline Loss Cost Level Change	- 8.8%	+ 5.9%	- 0.5%	- 4.1%*	- 13.3%	- 11.5%	- 3.2%

 * 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.

ARIZONA

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

CODE	TERRITORY DESCRIPTION	LATEST YEAR MONO/MULTI AGGREGATE LOSS COSTS AT CURRENT LEVEL (ALCCL)	INDICATED LOSS COST LEVEL CHANGE BEFORE CAPPING	LOSS COST LEVEL CHANGE AFTER CAPPING
502	Phoenix and Vicinity	$9,597,516	+ 7.4%	+ 7.5%
503	Tucson	$2,314,584	+ 3.8%	+ 3.8%
504	Remainder of State	$7,957,360	+ 4.7%	+ 4.6%
	STATEWIDE TOTAL	$19,869,459	+ 5.9%	+ 5.9%

ARIZONA
PREMISES/OPERATIONS
CLASS GROUP LOSS COST LEVEL CHANGES

MANUFACTURERS AND CONTRACTORS LIABILITY INSURANCE

CLASS GROUP	DESCRIPTION	LATEST YEAR MONO/MULTI ALCCL	INDICATED LOSS COST LEVEL CHANGE BEFORE CAPPING	LOSS COST LEVEL CHANGE AFTER CAPPING
30	SERVICE	$ 1,704,715	- 8.8%	- 9.5%
31	LIGHT CONTRACTING	$ 1,808,439	- 7.2%	- 7.9%
32	MEDIUM CONTRACTING	$ 5,891,806	- 7.3%	- 8.0%
33	HEAVY CONTRACTING	$ 1,878,007	- 9.6%	- 10.3%
34	DEALERS OR DISTRIBUTORS	$ 1,283,977	- 8.8%	- 7.1%
35	LIGHT MANUFACTURERS	$ 193,505	- 9.7%	- 7.8%
36	MEDIUM MANUFACTURERS	$ 1,022,932	- 12.5%	- 10.6%
37	HEAVY MANUFACTURERS	$ 812,473	- 13.3%	- 11.4%
38	MISCELLANEOUS OPERATIONS	$ 897,354	- 11.2%	- 9.7%
	TOTAL	$ 15,493,208	- 8.8%	- 8.8%

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)	$ 318,045	+ 6.5%	+ 6.6%
02	RESTAURANTS	$ 2,442,376	+ 1.3%	+ 1.2%
03	STORES	$ 1,236,514	- 1.0%	- 1.0%
04	VENDING AND RENTAL	$ 69,580	+ 3.5%	+ 3.5%
05	FOOD AND BEVERAGE DISTRIBUTORS	$ 213,100	+ 6.8%	+ 6.0%
06	NON-(FOOD AND BEVERAGE) DISTRIB.	$ 493,128	+ 2.8%	+ 3.3%
07	CLUBS, AMUSEMENTS AND SPORTS	$ 3,180,156	+ 13.4%	+ 12.5%
08	HEALTH CARE FACILITIES	$ 419,733	+ 8.0%	+ 8.1%
09	HOTELS AND MOTELS	$ 1,158,980	+ 7.5%	+ 7.3%
10	SCHOOLS AND CHURCHES	$ 2,047,921	+ 4.7%	+ 4.5%
11	APARTMENTS	$ 2,386,060	+ 6.8%	+ 6.8%
12	BUILDINGS AND OFFICES	$ 5,653,485	+ 4.8%	+ 5.4%
13	MISCELLANEOUS PREMISES	$ 248,267	+ 9.7%	+ 10.1%
16	GOVERNMENTAL SUBDIVISIONS	$ 2,115	+ 4.6%	+ 2.8%
	TOTAL	$ 19,869,459	+ 5.9%	+ 5.9%

ARIZONA

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	$ 29,971,705	- 11.7%	$ 941,342	+ 4.9%	+ 4.9%
04	DEALERS OR DISTRIBUTORS-NOT FOOD OR DRUG	$ 38,602,493	- 12.3%	$ 547,731	- 10.9%	- 10.9%
05	MANUFACTURERS-NOT FOOD OR DRUG-LOW	$ 4,495,269	- 10.8%	$ 74,429	- 11.9%	- 11.9%
06	MANUFACTURERS-NOT FOOD OR DRUG-MEDIUM	$ 33,819,957	- 12.1%	$ 515,834	- 10.2%	- 10.2%
07	MANUFACTURERS-NOT FOOD OR DRUG-HIGH	$ 8,325,383	- 13.6%	$ 74,604	- 17.6%	- 17.6%
	PRODUCTS SUBTOTAL	$ 115,214,806	- 12.1%	$ 2,153,939	- 4.1%	- 4.1%
01	RETAIL STORES-FOOD OR DRUG			$ 139,224	- 10.2%	- 9.6%
02	RETAIL STORES-NOT FOOD OR DRUG			$ 478,401	- 13.3%	- 14.5%
11	COMPLETED OPERATIONS-LOW			$ 665,038	- 8.5%	- 9.5%
12	COMPLETED OPERATIONS-MEDIUM			$ 7,215,342	- 13.6%	- 13.5%
13	COMPLETED OPERATIONS-HIGH			$ 446,108	- 16.7%	- 16.1%
	LOCAL PRODUCTS/COMPLETED OPERATIONS SUBTOTAL			$ 8,944,113	- 13.3%	- 13.3%
	TOTAL			$ 11,098,052	- 11.5%	- 11.5%

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

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

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

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

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

· M&C classes reflect an upper cap of +25% and a lower cap of -29% relative to current loss costs;

· OL&T classes reflect an upper cap of +31% and a lower cap of -20% relative to current loss costs;

· Products classes reflect an upper cap of +25% and a lower cap of -32% relative to current multistate loss costs;

· Local Products/Completed Operations classes reflect an upper cap of +25% and a lower cap of -33% 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: 0.993   OL&T: 1.000   LP/CO: 0.996

The Commercial General Liability loss costs are rounded as follows:

Loss Costs			To the Nearest
0	-	0.249	$ 0.001
.25	-	9.99	0.01
10.00	-	99.99	0.10
100.00	-	Over	1.00

for example:

0.1111	rounds to	$ 0.111
0.6777	rounds to	0.68
12.3436	rounds to	12.30
867.5432	rounds to	868.00

LOSS COST PERCENT CHANGE BY CLASS

Class	Terr	Proposed Loss Cost	Present Loss Cost	Percent Change	Capping Flag	Class	Terr	Proposed Loss Cost	Present Loss Cost	Percent Change	Capping Flag	Class	Terr	Proposed Loss Cost	Present Loss Cost	Percent Change	Capping Flag
10010	502	0.187	0.179	+4.5		10054	504	7.620	6.840	+11.4		10107	503	2.190	2.360	-7.2	
10010	503	0.155	0.155	0.0		10060	502	0.300	0.290	+3.4		10107	504	2.250	2.430	-7.4	
10010	504	0.225	0.223	+0.9		10060	503	0.098	0.101	-3.0		10110	502	41.800	36.100	+15.8	
10011	502	0.045	0.043	+4.7		10060	504	0.270	0.280	-3.6		10110	503	37.700	34.000	+10.9	
10011	503	0.037	0.037	0.0		10065	502	0.440	0.440	0.0		10110	504	42.300	37.900	+11.6	
10011	504	0.054	0.053	+1.9		10065	503	0.147	0.151	-2.6		10111	502	0.234	0.224	+4.5	
10012	502	0.052	0.050	+4.0		10065	504	0.410	0.420	-2.4		10111	503	0.194	0.194	0.0	
10012	503	0.043	0.043	0.0		10066	502	0.450	0.450	0.0		10111	504	0.280	0.280	0.0	
10012	504	0.062	0.061	+1.6		10066	503	0.150	0.154	-2.6		10113	502	0.600	0.590	+1.7	
10015	502	12.300	10.600	+16.0		10066	504	0.420	0.430	-2.3		10113	503	0.198	0.204	-2.9	
10015	503	11.100	9.990	+11.1		10070	502	0.107	0.102	+4.9		10113	504	0.560	0.570	-1.8	
10015	504	12.400	11.100	+11.7		10070	503	0.089	0.089	0.0		10115	502	1.190	1.180	+0.8	
10025	502	0.045	0.043	+4.7		10070	504	0.129	0.128	+0.8		10115	503	0.390	0.410	-4.9	
10025	503	0.037	0.037	0.0		10071	502	0.530	0.530	0.0		10115	504	1.100	1.140	-3.5	
10025	504	0.054	0.053	+1.9		10071	503	0.175	0.181	-3.3		10117	502	12.200	10.500	+16.2	
10026	502	1.080	1.070	+0.9		10071	504	0.490	0.510	-3.9		10117	503	11.000	9.920	+10.9	
10026	503	0.360	0.370	-2.7		10072	502	3.000	3.310	-9.4		10117	504	12.300	11.100	+10.9	
10026	504	1.000	1.030	-2.9		10072	503	3.190	3.530	-9.6		10120	502	27.400	23.700	+15.6	
10027	502	0.045	0.043	+4.7		10072	504	3.550	3.940	-9.9		10120	503	24.700	22.200	+11.3	
10027	503	0.037	0.037	0.0		10073	502	0.870	0.930	-6.5		10120	504	27.700	24.800	+11.7	
10027	504	0.054	0.053	+1.9		10073	503	0.720	0.770	-6.5		10130	502	5.900	5.850	+0.9	
10036	502	0.560	0.600	-6.7		10073	504	0.730	0.790	-7.6		10130	503	1.950	2.010	-3.0	
10036	503	0.460	0.500	-8.0		10075	502	6.440	6.920	-6.9		10130	504	5.480	5.640	-2.8	
10036	504	0.470	0.510	-7.8		10075	503	5.310	5.730	-7.3		10132	502	5.080	5.040	+0.8	
10040	502	0.142	0.136	+4.4		10075	504	5.450	5.890	-7.5		10132	503	1.680	1.730	-2.9	
10040	503	0.118	0.118	0.0		10100	502	1.070	0.990	+8.1		10132	504	4.720	4.860	-2.9	
10040	504	0.171	0.170	+0.6		10100	503	0.750	0.720	+4.2		10133	502	5.890	5.580	+5.6	
10042	502	0.620	0.610	+1.6		10100	504	0.990	0.940	+5.3		10133	503	3.050	3.010	+1.3	
10042	503	0.204	0.210	-2.9		10101	502	0.400	0.400	0.0		10133	504	4.990	4.910	+1.6	
10042	504	0.570	0.590	-3.4		10101	503	0.132	0.136	-2.9		10140	502	0.055	0.050	+10.0	
10052	502	8.500	7.350	+15.6		10101	504	0.370	0.380	-2.6		10140	503	0.025	0.024	+4.2	
10052	503	7.660	6.910	+10.9		10105	502	4.330	4.290	+0.9		10140	504	0.047	0.044	+6.8	
10052	504	8.590	7.710	+11.4		10105	503	1.430	1.480	-3.4		10141	502	0.110	0.101	+8.9	
10054	502	7.540	6.520	+15.6		10105	504	4.020	4.130	-2.7		10141	503	0.049	0.047	+4.3	
10054	503	6.800	6.130	+10.9		10107	502	2.650	2.850	-7.0		10141	504	0.093	0.088	+5.7	

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

LOSS COST PERCENT CHANGE BY CLASS

Class	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
10145	502	0.530	0.490	+8.2		10256	504	0.640	0.690	-7.2		10381	503	10.400	9.410	+10.5	
10145	503	0.238	0.229	+3.9		10257	502	0.143	0.153	-6.5		10381	504	11.700	10.500	+11.4	
10145	504	0.450	0.430	+4.7		10257	503	0.118	0.127	-7.1		11007	502	1.130	1.240	-8.9	
10146	502	0.480	0.440	+9.1		10257	504	0.121	0.130	-6.9		11007	503	1.200	1.330	-9.8	
10146	503	0.330	0.320	+3.1		10309	502	0.270	0.270	0.0		11007	504	1.330	1.480	-10.1	
10146	504	0.440	0.420	+4.8		10309	503	0.089	0.092	-3.3		11020	502	0.500	0.500	0.0	
10150	502	0.830	0.820	+1.2		10309	504	0.250	0.260	-3.8		11020	503	0.167	0.172	-2.9	
10150	503	0.270	0.280	-3.6		10315	502	0.630	0.630	0.0		11020	504	0.470	0.480	-2.1	
10150	504	0.770	0.790	-2.5		10315	503	0.210	0.216	-2.8		11039	502	0.750	0.810	-7.4	
10151	502	20.800	20.600	+1.0		10315	504	0.590	0.610	-3.3		11039	503	0.620	0.670	-7.5	
10151	503	6.880	7.090	-3.0		10331	502	16.700	14.400	+16.0		11039	504	0.640	0.690	-7.2	
10151	504	19.300	19.900	-3.0		10331	503	15.000	13.500	+11.1		11052	502	6.120	5.800	+5.5	
10160	502	3.700	3.670	+0.8		10331	504	16.800	15.100	+11.3		11052	503	3.170	3.130	+1.3	
10160	503	1.230	1.260	-2.4		10332	502	28.700	24.800	+15.7		11052	504	5.190	5.110	+1.6	
10160	504	3.440	3.540	-2.8		10332	503	25.900	23.400	+10.7		11126	502	0.104	0.103	+1.0	
10204	502	0.370	0.370	0.0		10332	504	29.100	26.100	+11.5		11126	503	0.035	0.036	-2.8	
10204	503	0.124	0.127	-2.4		10352	502	0.630	0.580	+8.6		11126	504	0.097	0.100	-3.0	
10204	504	0.350	0.360	-2.8		10352	503	0.430	0.420	+2.4		11127	502	0.600	0.570	+5.3	
10205	502	0.420	0.410	+2.4		10352	504	0.570	0.550	+3.6		11127	503	0.490	0.490	0.0	
10205	503	0.138	0.142	-2.8		10367	502	2.650	2.920	-9.2		11127	504	0.720	0.710	+1.4	
10205	504	0.390	0.400	-2.5		10367	503	2.820	3.120	-9.6		11128	502	0.800	0.770	+3.9	
10210	502	0.670	0.660	+1.5		10367	504	3.140	3.480	-9.8		11128	503	0.670	0.670	0.0	
10210	503	0.221	0.227	-2.6		10368	502	3.880	4.270	-9.1		11128	504	0.970	0.960	+1.0	
10210	504	0.620	0.640	-3.1		10368	503	4.120	4.560	-9.6		11138	502	4.160	3.600	+15.6	
10211	502	0.670	0.660	+1.5		10368	504	4.580	5.090	-10.0		11138	503	3.760	3.390	+10.9	
10211	503	0.221	0.227	-2.6		10378	502	16.900	14.600	+15.8		11138	504	4.210	3.780	+11.4	
10211	504	0.620	0.640	-3.1		10378	503	15.200	13.700	+10.9		11155	502	0.360	0.350	+2.9	
10220	502	7.850	7.790	+0.8		10378	504	17.100	15.300	+11.8		11155	503	0.118	0.121	-2.5	
10220	503	2.600	2.680	-3.0		10379	502	7.830	6.770	+15.7		11155	504	0.330	0.340	-2.9	
10220	504	7.290	7.510	-2.9		10379	503	7.060	6.370	+10.8		11167	502	1.410	1.340	+5.2	
10255	502	0.207	0.222	-6.8		10379	504	7.920	7.100	+11.5		11167	503	0.730	0.720	+1.4	
10255	503	0.170	0.184	-7.6		10380	502	13.400	11.600	+15.5		11167	504	1.200	1.180	+1.7	
10255	504	0.175	0.189	-7.4		10380	503	12.100	10.900	+11.0		11168	502	7.320	6.930	+5.6	
10256	502	0.760	0.810	-6.2		10380	504	13.500	12.100	+11.6		11168	503	3.790	3.740	+1.3	
10256	503	0.620	0.670	-7.5		10381	502	11.600	10.000	+16.0		11168	504	6.200	6.110	+1.5	

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

SUBLINE: PREM/OPS

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
11201	502	9.870	10.900	-9.4		11213	504	1.500	1.670	-10.2		12361	503	0.054	0.052	+3.8	
11201	503	10.500	11.600	-9.5		11214	502	3.130	3.450	-9.3		12361	504	0.101	0.096	+5.2	
11201	504	11.700	13.000	-10.0		11214	503	3.330	3.680	-9.5		12362	502	0.118	0.112	+5.4	
11202	502	2.920	3.220	-9.3		11214	504	3.700	4.110	-10.0		12362	503	0.098	0.097	+1.0	
11202	503	3.100	3.430	-9.6		11222	502	0.053	0.058	-8.6		12362	504	0.142	0.140	+1.4	
11202	504	3.450	3.830	-9.9		11222	503	0.056	0.062	-9.7		12373	502	0.045	0.043	+4.7	
11203	502	1.390	1.330	+4.5		11222	504	0.062	0.069	-10.1		12373	503	0.037	0.037	0.0	
11203	503	1.150	1.150	0.0		11234	502	0.470	0.470	0.0		12373	504	0.054	0.053	+1.9	
11203	504	1.670	1.650	+1.2		11234	503	0.155	0.160	-3.1		12374	502	1.030	1.020	+1.0	
11204	502	0.520	0.520	0.0		11234	504	0.440	0.450	-2.2		12374	503	0.340	0.350	-2.9	
11204	503	0.173	0.178	-2.8		11248	502	0.039	0.042	-7.1		12374	504	0.950	0.980	-3.1	
11204	504	0.480	0.500	-4.0		11248	503	0.032	0.035	-8.6		12375	502	0.500	0.500	0.0	
11206	502	0.460	0.500	-8.0		11248	504	0.033	0.036	-8.3		12375	503	0.167	0.172	-2.9	
11206	503	0.490	0.540	-9.3		11258	502	1.290	1.190	+8.4		12375	504	0.470	0.480	-2.1	
11206	504	0.540	0.600	-10.0		11258	503	0.900	0.860	+4.7		12391	502	0.088	0.084	+4.8	
11207	502	5.780	6.380	-9.4		11258	504	1.190	1.130	+5.3		12391	503	0.073	0.073	0.0	
11207	503	6.150	6.800	-9.6		11259	502	1.390	1.280	+8.6		12391	504	0.106	0.105	+1.0	
11207	504	6.840	7.590	-9.9		11259	503	0.960	0.930	+3.2		12393	502	0.670	0.660	+1.5	
11208	502	0.990	1.090	-9.2		11259	504	1.270	1.220	+4.1		12393	503	0.221	0.228	-3.1	
11208	503	1.050	1.170	-10.3		11273	502	23.300	23.100	+0.9		12393	504	0.620	0.640	-3.1	
11208	504	1.170	1.300	-10.0		11273	503	7.700	7.930	-2.9		12467	502	0.280	0.280	0.0	
11209	502	4.650	5.130	-9.4		11273	504	21.600	22.200	-2.7		12467	503	0.092	0.095	-3.2	
11209	503	4.950	5.470	-9.5		11274	502	22.300	22.100	+0.9		12467	504	0.260	0.270	-3.7	
11209	504	5.500	6.110	-10.0		11274	503	7.390	7.610	-2.9		12509	502	0.052	0.055	-5.5	
11210	502	1.980	2.190	-9.6		11274	504	20.700	21.300	-2.8		12509	503	0.043	0.046	-6.5	
11210	503	2.110	2.330	-9.4		11288	502	1.580	1.460	+8.2		12509	504	0.044	0.047	-6.4	
11210	504	2.340	2.600	-10.0		11288	503	1.100	1.060	+3.8		12510	502	0.660	0.700	-5.7	
11211	502	10.300	11.400	-9.6		11288	504	1.450	1.390	+4.3		12510	503	0.540	0.580	-6.9	
11211	503	11.000	12.100	-9.1		12014	502	0.085	0.091	-6.6		12510	504	0.550	0.600	-8.3	
11211	504	12.200	13.500	-9.6		12014	503	0.070	0.075	-6.7		12583	502	0.290	0.310	-6.5	
11212	502	1.560	1.720	-9.3		12014	504	0.072	0.078	-7.7		12583	503	0.240	0.260	-7.7	
11212	503	1.660	1.830	-9.3		12356	502	1.970	1.960	+0.5		12583	504	0.247	0.270	-8.5	
11212	504	1.840	2.050	-10.2		12356	503	0.650	0.670	-3.0		12651	502	0.850	0.910	-6.6	
11213	502	1.270	1.400	-9.3		12356	504	1.830	1.880	-2.7		12651	503	0.700	0.760	-7.9	
11213	503	1.350	1.490	-9.4		12361	502	0.119	0.110	+8.2		12651	504	0.720	0.780	-7.7	

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LOSS COST PERCENT CHANGE BY CLASS

Class	Terr	Proposed Loss Cost	Present Loss Cost	Percent Change	Capping Flag	Class	Terr	Proposed Loss Cost	Present Loss Cost	Percent Change	Capping Flag	Class	Terr	Proposed Loss Cost	Present Loss Cost	Percent Change	Capping Flag
12683	502	0.390	0.420	-7.1		13205	504	0.280	0.300	-6.7		13621	503	0.085	0.092	-7.6	
12683	503	0.320	0.350	-8.6		13314	502	0.200	0.198	+1.0		13621	504	0.087	0.095	-8.4	
12683	504	0.330	0.360	-8.3		13314	503	0.066	0.068	-2.9		13670	502	0.067	0.061	+9.8	
12707	502	0.770	0.740	+4.1		13314	504	0.186	0.191	-2.6		13670	503	0.030	0.029	+3.4	
12707	503	0.640	0.640	0.0		13351	502	0.490	0.480	+2.1		13670	504	0.057	0.054	+5.6	
12707	504	0.930	0.920	+1.1		13351	503	0.161	0.166	-3.0		13673	502	0.980	0.900	+8.9	
12797	502	0.162	0.155	+4.5		13351	504	0.450	0.460	-2.2		13673	503	0.680	0.650	+4.6	
12797	503	0.135	0.134	+0.7		13352	502	0.500	0.490	+2.0		13673	504	0.900	0.860	+4.7	
12797	504	0.195	0.193	+1.0		13352	503	0.164	0.169	-3.0		13715	502	0.118	0.112	+5.4	
12805	502	0.540	0.530	+1.9		13352	504	0.460	0.470	-2.1		13715	503	0.098	0.097	+1.0	
12805	503	0.178	0.184	-3.3		13410	502	1.190	1.280	-7.0		13715	504	0.142	0.140	+1.4	
12805	504	0.500	0.510	-2.0		13410	503	0.980	1.060	-7.5		13716	502	0.760	0.750	+1.3	
12841	502	0.890	0.890	0.0		13410	504	1.010	1.090	-7.3		13716	503	0.250	0.260	-3.8	
12841	503	0.300	0.310	-3.2		13412	502	0.400	0.430	-7.0		13716	504	0.700	0.720	-2.8	
12841	504	0.830	0.860	-3.5		13412	503	0.330	0.360	-8.3		13720	502	0.550	0.510	+7.8	
12927	502	0.156	0.155	+0.6		13412	504	0.340	0.370	-8.1		13720	503	0.380	0.370	+2.7	
12927	503	0.052	0.053	-1.9		13453	502	0.460	0.500	-8.0		13720	504	0.510	0.480	+6.3	
12927	504	0.145	0.149	-2.7		13453	503	0.380	0.410	-7.3		13759	502	0.300	0.290	+3.4	
13049	502	0.062	0.057	+8.8		13453	504	0.390	0.420	-7.1		13759	503	0.098	0.101	-3.0	
13049	503	0.028	0.027	+3.7		13454	502	0.540	0.580	-6.9		13759	504	0.270	0.280	-3.6	
13049	504	0.053	0.050	+6.0		13454	503	0.450	0.480	-6.2		13930	502	0.250	0.240	+4.2	
13111	502	1.200	1.100	+9.1		13454	504	0.460	0.500	-8.0		13930	503	0.208	0.207	+0.5	
13111	503	0.830	0.800	+3.7		13455	502	0.550	0.590	-6.8		13930	504	0.300	0.300	0.0	
13111	504	1.100	1.050	+4.8		13455	503	0.450	0.490	-8.2		14068	502	0.065	0.065	0.0	
13112	502	0.101	0.093	+8.6		13455	504	0.470	0.500	-6.0		14068	503	0.022	0.022	0.0	
13112	503	0.046	0.044	+4.5		13506	502	1.530	1.520	+0.7		14068	504	0.060	0.062	-3.2	
13112	504	0.086	0.082	+4.9		13506	503	0.510	0.520	-1.9		14101	502	0.760	0.760	0.0	
13201	502	0.750	0.810	-7.4		13506	504	1.420	1.460	-2.7		14101	503	0.250	0.260	-3.8	
13201	503	0.620	0.670	-7.5		13507	502	1.840	1.830	+0.5		14101	504	0.710	0.730	-2.7	
13201	504	0.630	0.690	-8.7		13507	503	0.610	0.630	-3.2		14279	502	0.390	0.420	-7.1	
13204	502	0.850	0.910	-6.6		13507	504	1.710	1.760	-2.8		14279	503	0.330	0.350	-5.7	
13204	503	0.700	0.760	-7.9		13590	502	0.410	0.440	-6.8		14279	504	0.330	0.360	-8.3	
13204	504	0.720	0.780	-7.7		13590	503	0.340	0.360	-5.6		14401	502	1.300	1.200	+8.3	
13205	502	0.330	0.350	-5.7		13590	504	0.350	0.370	-5.4		14401	503	0.910	0.870	+4.6	
13205	503	0.270	0.290	-6.9		13621	502	0.103	0.111	-7.2		14401	504	1.200	1.140	+5.3	

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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
14405	502	0.660	0.730	-9.6		15070	504	0.105	0.117	-10.3		15600	503	0.530	0.550	-3.6	
14405	503	0.710	0.780	-9.0		15123	502	5.870	5.560	+5.6		15600	504	1.480	1.530	-3.3	
14405	504	0.780	0.870	-10.3		15123	503	3.040	3.000	+1.3		15607	502	0.116	0.128	-9.4	
14527	502	0.480	0.460	+4.3		15123	504	4.980	4.900	+1.6		15607	503	0.124	0.137	-9.5	
14527	503	0.400	0.400	0.0		15124	502	2.050	1.950	+5.1		15607	504	0.137	0.153	-10.5	
14527	504	0.580	0.570	+1.8		15124	503	1.060	1.050	+1.0		15608	502	0.360	0.350	+2.9	
14655	502	0.148	0.146	+1.4		15124	504	1.740	1.710	+1.8		15608	503	0.118	0.121	-2.5	
14655	503	0.049	0.050	-2.0		15188	502	0.290	0.310	-6.5		15608	504	0.330	0.340	-2.9	
14655	504	0.137	0.141	-2.8		15188	503	0.237	0.260	-8.8		15656	502	10.500	10.400	+1.0	
14731	502	6.080	5.760	+5.6		15188	504	0.243	0.260	-6.5		15656	503	3.480	3.590	-3.1	
14731	503	3.150	3.110	+1.3		15223	502	0.079	0.072	+9.7		15656	504	9.770	10.100	-3.3	
14731	504	5.150	5.070	+1.6		15223	503	0.035	0.034	+2.9		15699	502	0.290	0.320	-9.4	
14732	502	0.450	0.430	+4.7		15223	504	0.067	0.063	+6.3		15699	503	0.310	0.340	-8.8	
14732	503	0.233	0.230	+1.3		15224	502	0.580	0.540	+7.4		15699	504	0.340	0.380	-10.5	
14732	504	0.380	0.380	0.0		15224	503	0.410	0.390	+5.1		15733	502	0.182	0.195	-6.7	
14733	502	1.030	1.020	+1.0		15224	504	0.540	0.510	+5.9		15733	503	0.150	0.162	-7.4	
14733	503	0.340	0.350	-2.9		15314	502	0.360	0.350	+2.9		15733	504	0.154	0.166	-7.2	
14733	504	0.960	0.990	-3.0		15314	503	0.118	0.121	-2.5		15839	502	0.480	0.470	+2.1	
14734	502	0.440	0.440	0.0		15314	504	0.330	0.340	-2.9		15839	503	0.158	0.163	-3.1	
14734	503	0.147	0.151	-2.6		15404	502	0.074	0.080	-7.5		15839	504	0.440	0.460	-4.3	
14734	504	0.410	0.420	-2.4		15404	503	0.061	0.066	-7.6		15991	502	0.390	0.390	0.0	
14855	502	0.182	0.195	-6.7		15404	504	0.063	0.068	-7.4		15991	503	0.129	0.133	-3.0	
14855	503	0.150	0.162	-7.4		15405	502	0.110	0.118	-6.8		15991	504	0.360	0.370	-2.7	
14855	504	0.154	0.166	-7.2		15405	503	0.090	0.097	-7.2		15993	502	0.330	0.330	0.0	
14913	502	0.560	0.550	+1.8		15405	504	0.093	0.100	-7.0		15993	503	0.109	0.113	-3.5	
14913	503	0.184	0.190	-3.2		15406	502	0.280	0.300	-6.7		15993	504	0.310	0.320	-3.1	
14913	504	0.520	0.530	-1.9		15406	503	0.230	0.248	-7.3		16005	502	0.062	0.060	+3.3	
15062	502	0.163	0.175	-6.9		15406	504	0.236	0.260	-9.2		16005	503	0.052	0.052	0.0	
15062	503	0.135	0.145	-6.9		15488	502	0.700	0.750	-6.7		16005	504	0.075	0.074	+1.4	
15062	504	0.138	0.149	-7.4		15488	503	0.570	0.620	-8.1		16009	502	0.223	0.240	-7.1	
15063	502	0.190	0.204	-6.9		15488	504	0.590	0.640	-7.8		16009	503	0.184	0.199	-7.5	
15063	503	0.157	0.169	-7.1		15538	502	0.630	0.630	0.0		16009	504	0.189	0.204	-7.4	
15063	504	0.161	0.174	-7.5		15538	503	0.210	0.216	-2.8		16402	502	2.360	2.340	+0.9	
15070	502	0.089	0.098	-9.2		15538	504	0.590	0.610	-3.3		16402	503	0.780	0.810	-3.7	
15070	503	0.094	0.104	-9.6		15600	502	1.600	1.580	+1.3		16402	504	2.190	2.260	-3.1	

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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
16403	502	1.490	1.480	+0.7		16750	504	0.161	0.166	-3.0		16906	503	1.440	1.460	-1.4	
16403	503	0.490	0.510	-3.9		16751	502	0.174	0.172	+1.2		16906	504	2.190	2.200	-0.5	
16403	504	1.390	1.430	-2.8		16751	503	0.058	0.059	-1.7		16910	502	1.900	1.840	+3.3	
16404	502	1.890	1.870	+1.1		16751	504	0.161	0.166	-3.0		16910	503	1.290	1.300	-0.8	
16404	503	0.620	0.640	-3.1		16819	502	0.990	1.060	-6.6		16910	504	1.960	1.970	-0.5	
16404	504	1.750	1.800	-2.8		16819	503	0.810	0.880	-8.0		16911	502	1.720	1.670	+3.0	
16471	502	0.164	0.181	-9.4		16819	504	0.840	0.900	-6.7		16911	503	1.170	1.180	-0.8	
16471	503	0.174	0.193	-9.8		16820	502	0.760	0.820	-7.3		16911	504	1.770	1.780	-0.6	
16471	504	0.194	0.215	-9.8		16820	503	0.630	0.680	-7.4		16915	502	1.950	1.890	+3.2	
16501	502	0.132	0.126	+4.8		16820	504	0.650	0.700	-7.1		16915	503	1.320	1.340	-1.5	
16501	503	0.109	0.109	0.0		16881	502	2.720	2.700	+0.7		16915	504	2.010	2.020	-0.5	
16501	504	0.159	0.157	+1.3		16881	503	0.900	0.930	-3.2		16916	502	1.620	1.570	+3.2	
16527	502	0.202	0.193	+4.7		16881	504	2.520	2.600	-3.1		16916	503	1.100	1.110	-0.9	
16527	503	0.168	0.167	+0.6		16890	502	0.116	0.124	-6.5		16916	504	1.670	1.680	-0.6	
16527	504	0.243	0.241	+0.8		16890	503	0.095	0.103	-7.8		16920	502	4.320	4.180	+3.3	
16588	502	0.103	0.111	-7.2		16890	504	0.098	0.106	-7.5		16920	503	2.930	2.970	-1.3	
16588	503	0.085	0.092	-7.6		16891	502	0.126	0.135	-6.7		16920	504	4.450	4.470	-0.4	
16588	504	0.087	0.095	-8.4		16891	503	0.104	0.112	-7.1		16921	502	3.940	3.820	+3.1	
16604	502	0.174	0.186	-6.5		16891	504	0.107	0.115	-7.0		16921	503	2.680	2.710	-1.1	
16604	503	0.143	0.154	-7.1		16892	502	0.229	0.246	-6.9		16921	504	4.070	4.080	-0.2	
16604	504	0.147	0.159	-7.5		16892	503	0.189	0.204	-7.4		16930	502	2.480	2.400	+3.3	
16670	502	6.910	5.980	+15.6		16892	504	0.194	0.210	-7.6		16930	503	1.690	1.710	-1.2	
16670	503	6.240	5.620	+11.0		16900	502	3.170	3.060	+3.6		16930	504	2.560	2.570	-0.4	
16670	504	6.990	6.270	+11.5		16900	503	2.150	2.170	-0.9		16931	502	2.680	2.590	+3.5	
16676	502	0.500	0.490	+2.0		16900	504	3.260	3.280	-0.6		16931	503	1.820	1.840	-1.1	
16676	503	0.164	0.169	-3.0		16901	502	2.030	1.960	+3.6		16931	504	2.760	2.770	-0.4	
16676	504	0.460	0.470	-2.1		16901	503	1.380	1.390	-0.7		16940	502	5.390	5.220	+3.3	
16694	502	0.340	0.370	-8.1		16901	504	2.090	2.100	-0.5		16940	503	3.660	3.700	-1.1	
16694	503	0.280	0.310	-9.7		16902	502	1.720	1.670	+3.0		16940	504	5.560	5.580	-0.4	
16694	504	0.290	0.310	-6.5		16902	503	1.170	1.180	-0.8		16941	502	2.160	2.090	+3.3	
16705	502	0.380	0.360	+5.6		16902	504	1.770	1.780	-0.6		16941	503	1.470	1.480	-0.7	
16705	503	0.310	0.310	0.0		16905	502	3.330	3.220	+3.4		16941	504	2.230	2.230	0.0	
16705	504	0.450	0.450	0.0		16905	503	2.260	2.290	-1.3		18078	502	0.213	0.204	+4.4	
16750	502	0.174	0.172	+1.2		16905	504	3.430	3.440	-0.3		18078	503	0.177	0.176	+0.6	
16750	503	0.058	0.059	-1.7		16906	502	2.130	2.060	+3.4		18078	504	0.260	0.250	+4.0	

L - Lower Cap Applied
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E - Subject to Capping Exception

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	502	0.650	0.650	0.0		18507	504	0.290	0.300	-3.3		19795	503	0.170	0.175	-2.9	
18109	503	0.216	0.222	-2.7		18570	502	3.270	3.240	+0.9		19795	504	0.480	0.490	-2.0	
18109	504	0.600	0.620	-3.2		18570	503	1.080	1.110	-2.7		19796	502	0.600	0.590	+1.7	
18110	502	0.520	0.520	0.0		18570	504	3.030	3.120	-2.9		19796	503	0.198	0.204	-2.9	
18110	503	0.173	0.178	-2.8		18616	502	0.280	0.300	-6.7		19796	504	0.560	0.570	-1.8	
18110	504	0.480	0.500	-4.0		18616	503	0.228	0.246	-7.3		40045	502	383.000	331.000	+15.7	
18205	502	0.330	0.310	+6.5		18616	504	0.234	0.250	-6.4		40045	503	345.000	311.000	+10.9	
18205	503	0.270	0.270	0.0		18707	502	0.018	0.017	+5.9		40045	504	387.000	347.000	+11.5	
18205	504	0.390	0.390	0.0		18707	503	0.015	0.015	0.0		40046	502	75.700	65.400	+15.7	
18206	502	0.840	0.840	0.0		18707	504	0.021	0.021	0.0		40046	503	68.300	61.500	+11.1	
18206	503	0.280	0.290	-3.4		18708	502	0.191	0.189	+1.1		40046	504	76.500	68.700	+11.4	
18206	504	0.780	0.810	-3.7		18708	503	0.063	0.065	-3.1		40047	502	27.000	23.300	+15.9	
18335	502	0.610	0.600	+1.7		18708	504	0.177	0.183	-3.3		40047	503	24.300	21.900	+11.0	
18335	503	0.201	0.207	-2.9		18833	502	0.210	0.201	+4.5		40047	504	27.300	24.500	+11.4	
18335	504	0.560	0.580	-3.4		18833	503	0.175	0.174	+0.6		40059	502	9.660	8.350	+15.7	
18435	502	1.140	1.050	+8.6		18833	504	0.250	0.250	0.0		40059	503	8.720	7.860	+10.9	
18435	503	0.790	0.760	+3.9		18834	502	0.500	0.490	+2.0		40059	504	9.770	8.770	+11.4	
18435	504	1.040	1.000	+4.0		18834	503	0.164	0.169	-3.0		40061	502	5.120	4.430	+15.6	
18436	502	0.920	0.850	+8.2		18834	504	0.460	0.470	-2.1		40061	503	4.620	4.160	+11.1	
18436	503	0.640	0.610	+4.9		18911	502	1.560	1.550	+0.6		40061	504	5.180	4.650	+11.4	
18436	504	0.840	0.800	+5.0		18911	503	0.520	0.530	-1.9		40063	502	171.000	148.000	+15.5	
18437	502	0.870	0.860	+1.2		18911	504	1.450	1.490	-2.7		40063	503	155.000	139.000	+11.5	
18437	503	0.290	0.300	-3.3		18912	502	2.940	2.920	+0.7		40063	504	173.000	156.000	+10.9	
18437	504	0.810	0.830	-2.4		18912	503	0.970	1.000	-3.0		40064	502	50.400	43.600	+15.6	
18438	502	1.670	1.650	+1.2		18912	504	2.730	2.810	-2.8		40064	503	45.500	41.000	+11.0	
18438	503	0.550	0.570	-3.5		18920	502	0.760	0.760	0.0		40064	504	50.900	45.700	+11.4	
18438	504	1.550	1.590	-2.5		18920	503	0.250	0.260	-3.8		40075	502	93.800	83.800	+11.9	
18501	502	1.040	0.960	+8.3		18920	504	0.710	0.730	-2.7		40075	503	60.100	56.000	+7.3	
18501	503	0.720	0.700	+2.9		19007	502	2.300	2.170	+6.0		40075	504	38.100	35.400	+7.6	
18501	504	0.960	0.910	+5.5		19007	503	1.190	1.170	+1.7		40101	502	40.500	36.700	+10.4	
18506	502	0.360	0.390	-7.7		19007	504	1.950	1.920	+1.6		40101	503	23.200	21.900	+5.9	
18506	503	0.300	0.320	-6.3		19051	502	5.090	4.820	+5.6		40101	504	20.400	19.200	+6.3	
18506	504	0.310	0.330	-6.1		19051	503	2.630	2.600	+1.2		40102	502	35.800	32.400	+10.5	
18507	502	0.310	0.310	0.0		19051	504	4.310	4.250	+1.4		40102	503	20.500	19.400	+5.7	
18507	503	0.104	0.107	-2.8		19795	502	0.510	0.510	0.0		40102	504	18.000	17.000	+5.9	

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SUBLINE: PREM/OPS

LOSS COST PERCENT CHANGE BY CLASS

Class	Terr	Proposed Loss Cost	Present Loss Cost	Percent Change	Capping Flag	Class	Terr	Proposed Loss Cost	Present Loss Cost	Percent Change	Capping Flag	Class	Terr	Proposed Loss Cost	Present Loss Cost	Percent Change	Capping Flag
40111	502	13.600	11.700	+16.2		41667	504	160.000	144.000	+11.1		43152	503	15.800	15.400	+2.6	
40111	503	12.200	11.000	+10.9		41668	502	149.000	128.000	+16.4		43152	504	12.900	12.600	+2.4	
40111	504	13.700	12.300	+11.4		41668	503	134.000	121.000	+10.7		43200	502	178.000	159.000	+11.9	
41001	502	0.460	0.400	+15.0		41668	504	150.000	135.000	+11.1		43200	503	114.000	106.000	+7.5	
41001	503	0.410	0.370	+10.8		41669	502	1.040	0.900	+15.6		43200	504	72.100	66.900	+7.8	
41001	504	0.460	0.420	+9.5		41669	503	0.940	0.850	+10.6		43421	502	48.700	43.400	+12.2	
41421	502	0.770	0.720	+6.9		41669	504	1.050	0.940	+11.7		43421	503	31.200	29.100	+7.2	
41421	503	0.640	0.630	+1.6		41670	502	1.750	1.510	+15.9		43421	504	19.800	18.300	+8.2	
41421	504	0.640	0.620	+3.2		41670	503	1.580	1.420	+11.3		43422	502	255.000	228.000	+11.8	
41422	502	0.410	0.380	+7.9		41670	504	1.770	1.590	+11.3		43422	503	164.000	153.000	+7.2	
41422	503	0.340	0.330	+3.0		41677	502	0.171	0.188	-9.0		43422	504	104.000	96.300	+8.0	
41422	504	0.340	0.330	+3.0		41677	503	0.182	0.201	-9.5		43470	502	3.140	3.470	-9.5	
41510	502	78.600	77.900	+0.9		41677	504	0.202	0.224	-9.8		43470	503	3.340	3.700	-9.7	
41510	503	26.000	26.800	-3.0		41678	502	66.100	61.800	+7.0		43470	504	3.720	4.130	-9.9	
41510	504	73.000	75.100	-2.8		41678	503	52.900	51.500	+2.7		43518	502	24.900	21.500	+15.8	
41603	502	36.300	34.000	+6.8		41678	504	43.200	41.900	+3.1		43518	503	22.400	20.200	+10.9	
41603	503	30.400	29.700	+2.4		41680	502	26.600	24.900	+6.8		43518	504	25.100	22.600	+11.1	
41603	504	30.200	29.300	+3.1		41680	503	22.300	21.700	+2.8		43550	502	174.000	155.000	+12.3	
41604	502	20.000	18.700	+7.0		41680	504	22.100	21.500	+2.8		43550	503	111.000	104.000	+6.7	
41604	503	16.700	16.300	+2.5		41696	502	0.540	0.600	-10.0		43550	504	70.500	65.400	+7.8	
41604	504	16.600	16.100	+3.1		41696	503	0.570	0.630	-9.5		43551	502	96.300	86.000	+12.0	
41620	502	0.830	0.910	-8.8		41696	504	0.640	0.710	-9.9		43551	503	61.700	57.500	+7.3	
41620	503	0.880	0.970	-9.3		41697	502	0.380	0.410	-7.3		43551	504	39.100	36.300	+7.7	
41620	504	0.980	1.090	-10.1		41697	503	0.400	0.440	-9.1		43626	502	19.900	17.200	+15.7	
41650	502	51.200	47.900	+6.9		41697	504	0.440	0.490	-10.2		43626	503	17.900	16.200	+10.5	
41650	503	42.800	41.800	+2.4		41715	502	16.900	15.800	+7.0		43626	504	20.100	18.000	+11.7	
41650	504	42.500	41.300	+2.9		41715	503	14.100	13.800	+2.2		43628	502	258.000	223.000	+15.7	
41664	502	58.000	50.100	+15.8		41715	504	14.000	13.600	+2.9		43628	503	233.000	210.000	+11.0	
41664	503	52.300	47.100	+11.0		41716	502	10.700	10.100	+5.9		43628	504	261.000	234.000	+11.5	
41664	504	58.600	52.600	+11.4		41716	503	8.990	8.780	+2.4		43629	502	219.000	189.000	+15.9	
41665	502	6.790	5.870	+15.7		41716	504	8.920	8.670	+2.9		43629	503	197.000	178.000	+10.7	
41665	503	6.120	5.520	+10.9		43151	502	46.700	41.700	+12.0		43629	504	221.000	199.000	+11.1	
41665	504	6.860	6.160	+11.4		43151	503	29.900	27.900	+7.2		43760	502	7.290	6.300	+15.7	
41667	502	158.000	137.000	+15.3		43151	504	19.000	17.600	+8.0		43760	503	6.570	5.930	+10.8	
41667	503	143.000	129.000	+10.9		43152	502	19.800	18.500	+7.0		43760	504	7.370	6.610	+11.5	

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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
43822	502	2.500	2.760	-9.4		44102	504	5.640	5.480	+2.9		44315	503	7.780	7.010	+11.0	
43822	503	2.660	2.940	-9.5		44103	502	1.710	1.610	+6.2		44315	504	8.720	7.820	+11.5	
43822	504	2.960	3.290	-10.0		44103	503	1.430	1.400	+2.1		44427	502	146.000	133.000	+9.8	
43840	502	0.031	0.034	-8.8		44103	504	4.990	4.850	+2.9		44427	503	83.700	79.300	+5.5	
43840	503	0.033	0.036	-8.3		44104	502	0.720	0.680	+5.9		44427	504	73.600	69.400	+6.1	
43840	504	0.036	0.040	-10.0		44104	503	0.600	0.590	+1.7		44428	502	147.000	134.000	+9.7	
43860	502	1.970	2.170	-9.2		44104	504	2.100	2.040	+2.9		44428	503	84.200	79.800	+5.5	
43860	503	2.090	2.310	-9.5		44108	502	0.850	0.790	+7.6		44428	504	74.100	69.800	+6.2	
43860	504	2.330	2.590	-10.0		44108	503	0.710	0.690	+2.9		44429	502	2.210	2.000	+10.5	
43889	502	0.700	0.780	-10.3		44108	504	2.460	2.390	+2.9		44429	503	1.260	1.200	+5.0	
43889	503	0.750	0.830	-9.6		44109	502	2.140	2.010	+6.5		44429	504	1.110	1.050	+5.7	
43889	504	0.830	0.920	-9.8		44109	503	1.790	1.750	+2.3		44430	502	1.530	1.390	+10.1	
44009	502	7.160	6.780	+5.6		44109	504	6.220	6.050	+2.8		44430	503	0.880	0.830	+6.0	
44009	503	3.710	3.660	+1.4		44110	502	2.190	2.050	+6.8		44430	504	0.770	0.730	+5.5	
44009	504	6.070	5.970	+1.7		44110	503	1.830	1.790	+2.2		44431	502	4.900	4.440	+10.4	
44069	502	21.200	18.400	+15.2		44110	504	6.360	6.190	+2.7		44431	503	2.800	2.650	+5.7	
44069	503	19.200	17.300	+11.0		44111	502	1.340	1.260	+6.3		44431	504	2.470	2.320	+6.5	
44069	504	21.500	19.300	+11.4		44111	503	1.120	1.100	+1.8		44432	502	1.550	1.410	+9.9	
44070	502	6.290	5.440	+15.6		44111	504	3.900	3.800	+2.6		44432	503	0.890	0.840	+6.0	
44070	503	5.670	5.110	+11.0		44112	502	0.800	0.750	+6.7		44432	504	0.780	0.740	+5.4	
44070	504	6.360	5.710	+11.4		44112	503	0.660	0.650	+1.5		44433	502	49.500	44.900	+10.2	
44071	502	7.000	6.050	+15.7		44112	504	2.310	2.250	+2.7		44433	503	28.300	26.800	+5.6	
44071	503	6.310	5.690	+10.9		44276	502	238.000	213.000	+11.7		44433	504	24.900	23.500	+6.0	
44071	504	7.070	6.350	+11.3		44276	503	153.000	142.000	+7.7		44434	502	94.700	85.900	+10.2	
44072	502	4.830	4.180	+15.6		44276	504	96.800	89.800	+7.8		44434	503	54.100	51.300	+5.5	
44072	503	4.360	3.930	+10.9		44277	502	155.000	138.000	+12.3		44434	504	47.600	44.900	+6.0	
44072	504	4.880	4.380	+11.4		44277	503	99.100	92.300	+7.4		44435	502	98.000	88.900	+10.2	
44100	502	2.390	2.240	+6.7		44277	504	62.800	58.200	+7.9		44435	503	56.100	53.100	+5.6	
44100	503	1.990	1.950	+2.1		44280	502	0.171	0.188	-9.0		44435	504	49.300	46.500	+6.0	
44100	504	6.940	6.750	+2.8		44280	503	0.182	0.201	-9.5		44436	502	114.000	104.000	+9.6	
44101	502	2.490	2.330	+6.9		44280	504	0.202	0.224	-9.8		44436	503	65.500	62.000	+5.6	
44101	503	2.080	2.030	+2.5		44311	502	12.800	11.100	+15.3		44436	504	57.600	54.300	+6.1	
44101	504	7.230	7.030	+2.8		44311	503	11.600	10.400	+11.5		44437	502	94.900	86.100	+10.2	
44102	502	1.940	1.820	+6.6		44311	504	13.000	11.600	+12.1		44437	503	54.300	51.400	+5.6	
44102	503	1.620	1.580	+2.5		44315	502	8.620	7.450	+15.7		44437	504	47.700	45.000	+6.0	

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LOSS COST PERCENT CHANGE BY CLASS

Class	Terr	Proposed Loss Cost	Present Loss Cost	Percent Change	Capping Flag	Class	Terr	Proposed Loss Cost	Present Loss Cost	Percent Change	Capping Flag	Class	Terr	Proposed Loss Cost	Present Loss Cost	Percent Change	Capping Flag
44438	502	75.000	68.000	+10.3		45678	504	0.218	0.242	-9.9		46427	503	36.000	35.100	+2.6	
44438	503	42.900	40.600	+5.7		45771	502	0.320	0.350	-8.6		46427	504	29.400	28.600	+2.8	
44438	504	37.700	35.600	+5.9		45771	503	0.270	0.290	-6.9		46603	502	2.830	2.640	+7.2	
44439	502	146.000	132.000	+10.6		45771	504	0.270	0.300	-10.0		46603	503	2.260	2.200	+2.7	
44439	503	83.500	79.100	+5.6		45819	502	0.105	0.113	-7.1		46603	504	1.850	1.790	+3.4	
44439	504	73.400	69.200	+6.1		45819	503	0.087	0.094	-7.4		46604	502	3.260	3.050	+6.9	
44440	502	121.000	110.000	+10.0		45819	504	0.089	0.096	-7.3		46604	503	2.610	2.540	+2.8	
44440	503	69.100	65.400	+5.7		45900	502	0.182	0.181	+0.6		46604	504	2.130	2.070	+2.9	
44440	504	60.800	57.300	+6.1		45900	503	0.060	0.062	-3.2		46606	502	8.700	8.140	+6.9	
45190	502	2.750	2.510	+9.6		45900	504	0.169	0.174	-2.9		46606	503	6.960	6.780	+2.7	
45190	503	2.820	2.680	+5.2		45901	502	0.156	0.155	+0.6		46606	504	5.680	5.520	+2.9	
45190	504	2.490	2.360	+5.5		45901	503	0.052	0.053	-1.9		46607	502	12.000	11.200	+7.1	
45191	502	1.950	1.780	+9.6		45901	504	0.145	0.149	-2.7		46607	503	9.570	9.320	+2.7	
45191	503	2.000	1.900	+5.3		45937	502	0.400	0.360	+11.1		46607	504	7.810	7.590	+2.9	
45191	504	1.770	1.670	+6.0		45937	503	0.260	0.240	+8.3		46622	502	7.310	8.060	-9.3	
45192	502	2.280	2.080	+9.6		45937	504	0.163	0.151	+7.9		46622	503	7.770	8.590	-9.5	
45192	503	2.340	2.230	+4.9		46004	502	48.600	45.500	+6.8		46622	504	8.640	9.600	-10.0	
45192	504	2.070	1.960	+5.6		46004	503	40.700	39.700	+2.5		46700	502	357.000	319.000	+11.9	
45193	502	1.350	1.230	+9.8		46004	504	40.400	39.200	+3.1		46700	503	229.000	213.000	+7.5	
45193	503	1.380	1.310	+5.3		46005	502	38.900	36.400	+6.9		46700	504	145.000	135.000	+7.4	
45193	504	1.220	1.160	+5.2		46005	503	32.500	31.800	+2.2		46911	502	39.300	34.000	+15.6	
45210	502	1.700	1.550	+9.7		46005	504	32.300	31.400	+2.9		46911	503	35.500	32.000	+10.9	
45210	503	1.750	1.660	+5.4		46112	502	0.159	0.144	+10.4		46911	504	39.700	35.700	+11.2	
45210	504	1.540	1.460	+5.5		46112	503	0.091	0.086	+5.8		46912	502	72.000	62.300	+15.6	
45334	502	102.000	91.400	+11.6		46112	504	0.080	0.076	+5.3		46912	503	65.000	58.500	+11.1	
45334	503	65.600	61.100	+7.4		46202	502	3.490	3.180	+9.7		46912	504	72.800	65.300	+11.5	
45334	504	41.600	38.600	+7.8		46202	503	3.580	3.410	+5.0		47050	502	0.680	0.750	-9.3	
45380	502	0.213	0.229	-7.0		46202	504	3.160	2.990	+5.7		47050	503	0.730	0.800	-8.8	
45380	503	0.176	0.189	-6.9		46362	502	231.000	216.000	+6.9		47050	504	0.810	0.900	-10.0	
45380	504	0.180	0.195	-7.7		46362	503	185.000	180.000	+2.8		47221	502	392.000	350.000	+12.0	
45450	502	30.100	26.900	+11.9		46362	504	151.000	146.000	+3.4		47221	503	251.000	234.000	+7.3	
45450	503	19.300	18.000	+7.2		46426	502	33.700	31.500	+7.0		47221	504	159.000	148.000	+7.4	
45450	504	12.200	11.300	+8.0		46426	503	27.000	26.300	+2.7		47318	502	16.200	14.000	+15.7	
45678	502	0.185	0.203	-8.9		46426	504	22.000	21.400	+2.8		47318	503	14.600	13.100	+11.5	
45678	503	0.196	0.217	-9.7		46427	502	45.000	42.100	+6.9		47318	504	16.300	14.700	+10.9	

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LOSS COST PERCENT CHANGE BY CLASS

Class	Terr	Proposed Loss Cost	Present Loss Cost	Percent Change	Capping Flag	Class	Terr	Proposed Loss Cost	Present Loss Cost	Percent Change	Capping Flag	Class	Terr	Proposed Loss Cost	Present Loss Cost	Percent Change	Capping Flag
47367	502	0.171	0.188	-9.0		48206	504	53.100	47.700	+11.3		49181	503	26.400	24.600	+7.3	
47367	503	0.182	0.201	-9.5		48441	502	0.221	0.191	+15.7		49181	504	16.700	15.500	+7.7	
47367	504	0.202	0.224	-9.8		48441	503	0.199	0.179	+11.2		49183	502	50.200	44.800	+12.1	
47420	502	3.540	3.060	+15.7		48441	504	0.223	0.200	+11.5		49183	503	32.200	30.000	+7.3	
47420	503	3.190	2.880	+10.8		48557	502	22.100	19.100	+15.7		49183	504	20.400	18.900	+7.9	
47420	504	3.580	3.210	+11.5		48557	503	19.900	17.900	+11.2		49184	502	106.000	94.500	+12.2	
47469	502	7.670	7.180	+6.8		48557	504	22.300	20.000	+11.5		49184	503	67.900	63.200	+7.4	
47469	503	6.420	6.270	+2.4		48558	502	19.200	16.600	+15.7		49184	504	43.000	39.900	+7.8	
47469	504	6.370	6.200	+2.7		48558	503	17.300	15.600	+10.9		49185	502	96.300	86.000	+12.0	
47471	502	6.650	6.220	+6.9		48558	504	19.400	17.400	+11.5		49185	503	61.700	57.500	+7.3	
47471	503	5.570	5.430	+2.6		48600	502	67.400	63.100	+6.8		49185	504	39.100	36.300	+7.7	
47471	504	5.520	5.370	+2.8		48600	503	53.900	52.500	+2.7		49239	502	0.159	0.171	-7.0	
47473	502	8.700	8.140	+6.9		48600	504	44.000	42.800	+2.8		49239	503	0.131	0.142	-7.7	
47473	503	7.280	7.110	+2.4		48636	502	1.590	1.800	-11.7		49239	504	0.135	0.146	-7.5	
47473	504	7.220	7.020	+2.8		48636	503	1.790	2.030	-11.8		49292	502	3.010	2.690	+11.9	
47474	502	9.720	9.100	+6.8		48636	504	1.390	1.580	-12.0		49292	503	1.930	1.800	+7.2	
47474	503	8.140	7.940	+2.5		48637	502	16.900	14.600	+15.8		49292	504	1.220	1.130	+8.0	
47474	504	8.070	7.850	+2.8		48637	503	15.200	13.700	+10.9		49333	502	22.100	19.700	+12.2	
47475	502	7.670	7.180	+6.8		48637	504	17.100	15.300	+11.8		49333	503	14.200	13.200	+7.6	
47475	503	6.420	6.270	+2.4		48638	502	8.370	7.240	+15.6		49333	504	8.970	8.320	+7.8	
47475	504	6.370	6.200	+2.7		48638	503	7.550	6.810	+10.9		49617	502	0.480	0.460	+4.3	
47476	502	7.670	7.180	+6.8		48638	504	8.460	7.600	+11.3		49617	503	0.250	0.247	+1.2	
47476	503	6.420	6.270	+2.4		48808	502	2.690	2.670	+0.7		49617	504	0.410	0.400	+2.5	
47476	504	6.370	6.200	+2.7		48808	503	0.890	0.920	-3.3		49618	502	0.410	0.380	+7.9	
47477	502	10.200	9.580	+6.5		48808	504	2.500	2.570	-2.7		49618	503	0.210	0.208	+1.0	
47477	503	8.560	8.360	+2.4		48925	502	404.000	349.000	+15.8		49618	504	0.340	0.340	0.0	
47477	504	8.500	8.260	+2.9		48925	503	364.000	328.000	+11.0		49619	502	0.760	0.720	+5.6	
47478	502	10.700	10.100	+5.9		48925	504	408.000	366.000	+11.5		49619	503	0.400	0.390	+2.6	
47478	503	8.990	8.780	+2.4		49005	502	0.116	0.128	-9.4		49619	504	0.650	0.640	+1.6	
47478	504	8.920	8.670	+2.9		49005	503	0.124	0.137	-9.5		49763	502	4.960	4.700	+5.5	
48039	502	126.000	112.000	+12.5		49005	504	0.137	0.153	-10.5		49763	503	2.570	2.540	+1.2	
48039	503	80.700	75.200	+7.3		49111	502	4.120	4.080	+1.0		49763	504	4.200	4.140	+1.4	
48039	504	51.200	47.500	+7.8		49111	503	1.360	1.400	-2.9		49801	502	345.000	308.000	+12.0	
48206	502	52.600	45.400	+15.9		49111	504	3.820	3.940	-3.0		49801	503	221.000	206.000	+7.3	
48206	503	47.400	42.700	+11.0		49181	502	41.100	36.700	+12.0		49801	504	140.000	130.000	+7.7	

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LOSS COST PERCENT CHANGE BY CLASS

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49802	502	30.600	27.300	+12.1		50045	504	0.166	0.187	-11.2		51224	503	0.260	0.300	-13.3	
49802	503	19.600	18.300	+7.1		50047	502	0.035	0.039	-10.3		51224	504	0.203	0.231	-12.1	
49802	504	12.400	11.500	+7.8		50047	503	0.026	0.029	-10.3		51230	502	0.040	0.045	-11.1	
49803	502	54.200	48.400	+12.0		50047	504	0.019	0.021	-9.5		51230	503	0.044	0.050	-12.0	
49803	503	34.700	32.400	+7.1		51001	502	0.055	0.062	-11.3		51230	504	0.034	0.039	-12.8	
49803	504	22.000	20.400	+7.8		51001	503	0.061	0.070	-12.9		51240	502	0.570	0.630	-9.5	
49840	502	0.700	0.780	-10.3		51001	504	0.048	0.054	-11.1		51240	503	0.420	0.480	-12.5	
49840	503	0.750	0.830	-9.6		51005	502	0.011	0.013	-15.4		51240	504	0.300	0.340	-11.8	
49840	504	0.830	0.920	-9.8		51005	503	0.013	0.014	-7.1		51241	502	1.680	1.880	-10.6	
49870	502	169.000	146.000	+15.8		51005	504	0.010	0.011	-9.1		51241	503	1.260	1.410	-10.6	
49870	503	152.000	137.000	+10.9		51116	502	0.138	0.156	-11.5		51241	504	0.900	1.010	-10.9	
49870	504	171.000	153.000	+11.8		51116	503	0.155	0.176	-11.9		51250	502	0.250	0.280	-10.7	
50010	502	0.280	0.310	-9.7		51116	504	0.121	0.137	-11.7		51250	503	0.280	0.320	-12.5	
50010	503	0.206	0.232	-11.2		51201	502	0.047	0.053	-11.3		51250	504	0.220	0.250	-12.0	
50010	504	0.147	0.165	-10.9		51201	503	0.035	0.040	-12.5		51251	502	0.049	0.054	-9.3	
50011	502	0.088	0.100	-12.0		51201	504	0.025	0.028	-10.7		51251	503	0.037	0.041	-9.8	
50011	503	0.099	0.112	-11.6		51205	502	0.143	0.160	-10.6		51251	504	0.026	0.029	-10.3	
50011	504	0.077	0.088	-12.5		51205	503	0.107	0.121	-11.6		51252	502	0.171	0.191	-10.5	
50012	502	0.102	0.114	-10.5		51205	504	0.076	0.086	-11.6		51252	503	0.128	0.144	-11.1	
50012	503	0.076	0.086	-11.6		51206	502	0.022	0.025	-12.0		51252	504	0.091	0.102	-10.8	
50012	504	0.054	0.061	-11.5		51206	503	0.017	0.019	-10.5		51253	502	0.146	0.163	-10.4	
50015	502	0.179	0.200	-10.5		51206	504	0.012	0.013	-7.7		51253	503	0.109	0.122	-10.7	
50015	503	0.134	0.151	-11.3		51210	502	0.096	0.108	-11.1		51253	504	0.078	0.087	-10.3	
50015	504	0.095	0.107	-11.2		51210	503	0.107	0.122	-12.3		51254	502	0.045	0.051	-11.8	
50017	502	0.136	0.152	-10.5		51210	504	0.084	0.095	-11.6		51254	503	0.034	0.038	-10.5	
50017	503	0.102	0.115	-11.3		51220	502	0.330	0.370	-10.8		51254	504	0.024	0.027	-11.1	
50017	504	0.073	0.082	-11.0		51220	503	0.370	0.420	-11.9		51255	502	0.640	0.720	-11.1	
50018	502	0.081	0.091	-11.0		51220	504	0.290	0.330	-12.1		51255	503	0.720	0.810	-11.1	
50018	503	0.090	0.102	-11.8		51221	502	0.182	0.206	-11.7		51255	504	0.560	0.630	-11.1	
50018	504	0.070	0.080	-12.5		51221	503	0.205	0.232	-11.6		51300	502	0.125	0.135	-7.4	
50019	502	0.073	0.081	-9.9		51221	504	0.159	0.181	-12.2		51300	503	0.134	0.145	-7.6	
50019	503	0.055	0.061	-9.8		51222	502	0.222	0.250	-11.2		51300	504	0.128	0.139	-7.9	
50019	504	0.039	0.044	-11.4		51222	503	0.249	0.280	-11.1		51305	502	0.125	0.135	-7.4	
50045	502	0.310	0.350	-11.4		51222	504	0.194	0.220	-11.8		51305	503	0.134	0.145	-7.6	
50045	503	0.233	0.260	-10.4		51224	502	0.233	0.260	-10.4		51305	504	0.128	0.139	-7.9	

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LOSS COST PERCENT CHANGE BY CLASS

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51315	502	0.103	0.111	-7.2		51359	504	0.260	0.280	-7.1		51554	503	0.010	0.011	-9.1	
51315	503	0.085	0.092	-7.6		51370	502	0.550	0.620	-11.3		51554	504	0.007	0.008	-12.5	
51315	504	0.087	0.095	-8.4		51370	503	0.410	0.460	-10.9		51575	502	0.056	0.061	-8.2	
51330	502	0.097	0.110	-11.8		51370	504	0.290	0.330	-12.1		51575	503	0.060	0.065	-7.7	
51330	503	0.109	0.124	-12.1		51380	502	0.055	0.062	-11.3		51575	504	0.058	0.063	-7.9	
51330	504	0.085	0.097	-12.4		51380	503	0.041	0.046	-10.9		51576	502	0.249	0.280	-11.1	
51333	502	0.032	0.036	-11.1		51380	504	0.029	0.033	-12.1		51576	503	0.186	0.209	-11.0	
51333	503	0.036	0.041	-12.2		51400	502	0.228	0.260	-12.3		51576	504	0.132	0.149	-11.4	
51333	504	0.028	0.032	-12.5		51400	503	0.260	0.290	-10.3		51600	502	0.169	0.189	-10.6	
51340	502	0.047	0.052	-9.6		51400	504	0.199	0.226	-11.9		51600	503	0.127	0.142	-10.6	
51340	503	0.035	0.039	-10.3		51401	502	0.340	0.380	-10.5		51600	504	0.090	0.102	-11.8	
51340	504	0.025	0.028	-10.7		51401	503	0.380	0.430	-11.6		51613	502	0.112	0.125	-10.4	
51350	502	0.210	0.227	-7.5		51401	504	0.290	0.330	-12.1		51613	503	0.084	0.094	-10.6	
51350	503	0.225	0.244	-7.8		51500	502	0.105	0.117	-10.3		51613	504	0.059	0.067	-11.9	
51350	504	0.215	0.234	-8.1		51500	503	0.078	0.088	-11.4		51625	502	0.050	0.057	-12.3	
51351	502	0.188	0.203	-7.4		51500	504	0.056	0.063	-11.1		51625	503	0.056	0.064	-12.5	
51351	503	0.201	0.219	-8.2		51516	502	0.051	0.057	-10.5		51625	504	0.044	0.050	-12.0	
51351	504	0.192	0.209	-8.1		51516	503	0.055	0.060	-8.3		51666	502	0.089	0.096	-7.3	
51352	502	0.260	0.280	-7.1		51516	504	0.061	0.067	-9.0		51666	503	0.095	0.104	-8.7	
51352	503	0.280	0.300	-6.7		51517	502	0.058	0.064	-9.4		51666	504	0.091	0.099	-8.1	
51352	504	0.260	0.290	-10.3		51517	503	0.062	0.068	-8.8		51702	502	0.150	0.170	-11.8	
51355	502	0.176	0.190	-7.4		51517	504	0.069	0.076	-9.2		51702	503	0.169	0.191	-11.5	
51355	503	0.188	0.204	-7.8		51550	502	0.129	0.144	-10.4		51702	504	0.131	0.149	-12.1	
51355	504	0.180	0.196	-8.2		51550	503	0.097	0.109	-11.0		51703	502	0.062	0.070	-11.4	
51356	502	0.189	0.204	-7.4		51550	504	0.069	0.078	-11.5		51703	503	0.070	0.079	-11.4	
51356	503	0.203	0.220	-7.7		51551	502	0.045	0.050	-10.0		51703	504	0.054	0.062	-12.9	
51356	504	0.194	0.211	-8.1		51551	503	0.034	0.038	-10.5		51734	502	0.117	0.132	-11.4	
51357	502	0.147	0.158	-7.0		51551	504	0.024	0.027	-11.1		51734	503	0.131	0.149	-12.1	
51357	503	0.121	0.131	-7.6		51552	502	0.078	0.087	-10.3		51734	504	0.102	0.116	-12.1	
51357	504	0.124	0.134	-7.5		51552	503	0.058	0.065	-10.8		51741	502	0.290	0.330	-12.1	
51358	502	0.350	0.380	-7.9		51552	504	0.041	0.047	-12.8		51741	503	0.221	0.248	-10.9	
51358	503	0.290	0.310	-6.5		51553	502	0.139	0.155	-10.3		51741	504	0.157	0.177	-11.3	
51358	504	0.300	0.320	-6.3		51553	503	0.104	0.116	-10.3		51752	502	0.249	0.280	-11.1	
51359	502	0.310	0.330	-6.1		51553	504	0.074	0.083	-10.8		51752	503	0.186	0.209	-11.0	
51359	503	0.260	0.280	-7.1		51554	502	0.013	0.015	-13.3		51752	504	0.132	0.149	-11.4	

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51767	502	0.026	0.028	-7.1		51854	504	0.290	0.330	-12.1		51927	503	0.049	0.055	-10.9	
51767	503	0.028	0.030	-6.7		51855	502	0.350	0.400	-12.5		51927	504	0.035	0.039	-10.3	
51767	504	0.027	0.029	-6.9		51855	503	0.400	0.450	-11.1		51934	502	0.132	0.147	-10.2	
51777	502	0.091	0.098	-7.1		51855	504	0.310	0.350	-11.4		51934	503	0.099	0.111	-10.8	
51777	503	0.097	0.105	-7.6		51856	502	0.195	0.220	-11.4		51934	504	0.070	0.079	-11.4	
51777	504	0.093	0.101	-7.9		51856	503	0.218	0.247	-11.7		51941	502	0.120	0.134	-10.4	
51790	502	0.151	0.163	-7.4		51856	504	0.170	0.193	-11.9		51941	503	0.090	0.101	-10.9	
51790	503	0.161	0.176	-8.5		51857	502	0.330	0.380	-13.2		51941	504	0.064	0.072	-11.1	
51790	504	0.154	0.168	-8.3		51857	503	0.370	0.420	-11.9		51942	502	0.192	0.214	-10.3	
51796	502	0.107	0.120	-10.8		51857	504	0.290	0.330	-12.1		51942	503	0.144	0.161	-10.6	
51796	503	0.080	0.090	-11.1		51869	502	0.127	0.141	-9.9		51942	504	0.102	0.115	-11.3	
51796	504	0.057	0.064	-10.9		51869	503	0.095	0.106	-10.4		51956	502	0.520	0.580	-10.3	
51808	502	0.380	0.430	-11.6		51869	504	0.067	0.076	-11.8		51956	503	0.390	0.440	-11.4	
51808	503	0.290	0.320	-9.4		51877	502	0.710	0.800	-11.3		51956	504	0.280	0.310	-9.7	
51808	504	0.203	0.229	-11.4		51877	503	0.530	0.600	-11.7		51957	502	0.460	0.510	-9.8	
51809	502	0.470	0.530	-11.3		51877	504	0.380	0.430	-11.6		51957	503	0.340	0.380	-10.5	
51809	503	0.350	0.400	-12.5		51889	502	0.117	0.131	-10.7		51957	504	0.243	0.270	-10.0	
51809	504	0.250	0.280	-10.7		51889	503	0.088	0.099	-11.1		51958	502	0.410	0.450	-8.9	
51833	502	0.136	0.147	-7.5		51889	504	0.062	0.070	-11.4		51958	503	0.300	0.340	-11.8	
51833	503	0.145	0.158	-8.2		51896	502	0.055	0.061	-9.8		51958	504	0.216	0.243	-11.1	
51833	504	0.139	0.151	-7.9		51896	503	0.041	0.046	-10.9		51959	502	0.420	0.460	-8.7	
51850	502	0.236	0.270	-12.6		51896	504	0.029	0.033	-12.1		51959	503	0.310	0.350	-11.4	
51850	503	0.260	0.300	-13.3		51900	502	0.102	0.110	-7.3		51959	504	0.221	0.249	-11.2	
51850	504	0.205	0.234	-12.4		51900	503	0.109	0.118	-7.6		51960	502	0.055	0.061	-9.8	
51851	502	0.160	0.180	-11.1		51900	504	0.104	0.113	-8.0		51960	503	0.041	0.046	-10.9	
51851	503	0.179	0.203	-11.8		51909	502	0.213	0.240	-11.2		51960	504	0.029	0.033	-12.1	
51851	504	0.139	0.158	-12.0		51909	503	0.239	0.270	-11.5		51970	502	0.238	0.270	-11.9	
51852	502	0.370	0.420	-11.9		51909	504	0.186	0.211	-11.8		51970	503	0.178	0.200	-11.0	
51852	503	0.420	0.480	-12.5		51919	502	0.118	0.132	-10.6		51970	504	0.127	0.143	-11.2	
51852	504	0.330	0.370	-10.8		51919	503	0.089	0.099	-10.1		51982	502	0.070	0.078	-10.3	
51853	502	0.150	0.170	-11.8		51919	504	0.063	0.071	-11.3		51982	503	0.053	0.059	-10.2	
51853	503	0.169	0.191	-11.5		51926	502	0.120	0.135	-11.1		51982	504	0.037	0.042	-11.9	
51853	504	0.131	0.149	-12.1		51926	503	0.090	0.101	-10.9		51985	502	0.048	0.053	-9.4	
51854	502	0.340	0.380	-10.5		51926	504	0.064	0.072	-11.1		51985	503	0.051	0.056	-8.9	
51854	503	0.380	0.430	-11.6		51927	502	0.065	0.073	-11.0		51985	504	0.057	0.063	-9.5	

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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
51986	502	0.280	0.310	-9.7		52342	504	0.115	0.131	-12.2		52547	503	0.242	0.270	-10.4	
51986	503	0.206	0.232	-11.2		52343	502	0.081	0.091	-11.0		52547	504	0.188	0.214	-12.1	
51986	504	0.147	0.165	-10.9		52343	503	0.090	0.102	-11.8		52581	502	1.300	1.460	-11.0	
51999	502	0.116	0.130	-10.8		52343	504	0.070	0.080	-12.5		52581	503	0.980	1.100	-10.9	
51999	503	0.087	0.098	-11.2		52401	502	0.249	0.280	-11.1		52581	504	0.690	0.780	-11.5	
51999	504	0.062	0.070	-11.4		52401	503	0.280	0.320	-12.5		52619	502	0.091	0.102	-10.8	
52002	502	0.102	0.114	-10.5		52401	504	0.217	0.247	-12.1		52619	503	0.069	0.077	-10.4	
52002	503	0.076	0.086	-11.6		52402	502	0.026	0.029	-10.3		52619	504	0.049	0.055	-10.9	
52002	504	0.054	0.061	-11.5		52402	503	0.019	0.022	-13.6		52660	502	0.061	0.067	-9.0	
52075	502	0.185	0.209	-11.5		52402	504	0.014	0.015	-6.7		52660	503	0.065	0.072	-9.7	
52075	503	0.208	0.236	-11.9		52432	502	0.128	0.143	-10.5		52660	504	0.072	0.080	-10.0	
52075	504	0.162	0.184	-12.0		52432	503	0.096	0.107	-10.3		52744	502	0.520	0.560	-7.1	
52076	502	0.223	0.250	-10.8		52432	504	0.068	0.077	-11.7		52744	503	0.560	0.600	-6.7	
52076	503	0.250	0.280	-10.7		52433	502	0.117	0.130	-10.0		52744	504	0.530	0.580	-8.6	
52076	504	0.195	0.222	-12.2		52433	503	0.087	0.098	-11.2		52767	502	0.198	0.223	-11.2	
52109	502	0.026	0.029	-10.3		52433	504	0.062	0.070	-11.4		52767	503	0.222	0.250	-11.2	
52109	503	0.019	0.022	-13.6		52435	502	0.146	0.163	-10.4		52767	504	0.172	0.196	-12.2	
52109	504	0.014	0.015	-6.7		52435	503	0.110	0.123	-10.6		52911	502	0.073	0.081	-9.9	
52134	502	0.340	0.380	-10.5		52435	504	0.078	0.088	-11.4		52911	503	0.055	0.061	-9.8	
52134	503	0.260	0.290	-10.3		52438	502	0.106	0.118	-10.2		52911	504	0.039	0.044	-11.4	
52134	504	0.182	0.205	-11.2		52438	503	0.079	0.089	-11.2		52967	502	0.027	0.031	-12.9	
52137	502	0.073	0.082	-11.0		52438	504	0.056	0.063	-11.1		52967	503	0.021	0.023	-8.7	
52137	503	0.082	0.093	-11.8		52440	502	0.166	0.185	-10.3		52967	504	0.015	0.016	-6.3	
52137	504	0.064	0.072	-11.1		52440	503	0.124	0.139	-10.8		53001	502	0.270	0.300	-10.0	
52150	502	0.630	0.700	-10.0		52440	504	0.088	0.100	-12.0		53001	503	0.201	0.225	-10.7	
52150	503	0.470	0.530	-11.3		52467	502	0.153	0.171	-10.5		53001	504	0.142	0.161	-11.8	
52150	504	0.330	0.380	-13.2		52467	503	0.115	0.129	-10.9		53077	502	0.129	0.144	-10.4	
52315	502	0.118	0.127	-7.1		52467	504	0.082	0.092	-10.9		53077	503	0.096	0.108	-11.1	
52315	503	0.126	0.137	-8.0		52469	502	0.054	0.060	-10.0		53077	504	0.068	0.077	-11.7	
52315	504	0.121	0.131	-7.6		52469	503	0.040	0.045	-11.1		53095	502	0.088	0.099	-11.1	
52341	502	0.046	0.051	-9.8		52469	504	0.029	0.032	-9.4		53095	503	0.066	0.074	-10.8	
52341	503	0.051	0.058	-12.1		52505	502	0.270	0.300	-10.0		53095	504	0.047	0.053	-11.3	
52341	504	0.040	0.045	-11.1		52505	503	0.200	0.225	-11.1		53096	502	0.123	0.137	-10.2	
52342	502	0.132	0.149	-11.4		52505	504	0.142	0.160	-11.3		53096	503	0.092	0.103	-10.7	
52342	503	0.148	0.168	-11.9		52547	502	0.216	0.244	-11.5		53096	504	0.065	0.074	-12.2	

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LOSS COST PERCENT CHANGE BY CLASS

Class	Terr	Proposed Loss Cost	Present Loss Cost	Percent Change	Capping Flag	Class	Terr	Proposed Loss Cost	Present Loss Cost	Percent Change	Capping Flag	Class	Terr	Proposed Loss Cost	Present Loss Cost	Percent Change	Capping Flag
53121	502	0.350	0.390	-10.3		53565	504	0.090	0.098	-8.2		55011	503	0.107	0.120	-10.8	
53121	503	0.260	0.290	-10.3		53631	502	0.041	0.045	-8.9		55011	504	0.076	0.086	-11.6	
53121	504	0.186	0.209	-11.0		53631	503	0.030	0.034	-11.8		55012	502	0.170	0.190	-10.5	
53147	502	0.033	0.038	-13.2		53631	504	0.022	0.024	-8.3		55012	503	0.128	0.143	-10.5	
53147	503	0.038	0.043	-11.6		53632	502	0.047	0.052	-9.6		55012	504	0.091	0.102	-10.8	
53147	504	0.029	0.033	-12.1		53632	503	0.035	0.039	-10.3		55013	502	0.157	0.177	-11.3	
53229	502	0.187	0.211	-11.4		53632	504	0.025	0.028	-10.7		55013	503	0.176	0.199	-11.6	
53229	503	0.210	0.238	-11.8		53731	502	0.043	0.048	-10.4		55013	504	0.137	0.155	-11.6	
53229	504	0.163	0.186	-12.4		53731	503	0.032	0.036	-11.1		55214	502	0.138	0.154	-10.4	
53271	502	0.066	0.073	-9.6		53731	504	0.023	0.026	-11.5		55214	503	0.103	0.116	-11.2	
53271	503	0.049	0.055	-10.9		53732	502	0.290	0.330	-12.1		55214	504	0.073	0.083	-12.0	
53271	504	0.035	0.039	-10.3		53732	503	0.218	0.245	-11.0		55371	502	0.350	0.380	-7.9	
53333	502	0.184	0.208	-11.5		53732	504	0.155	0.175	-11.4		55371	503	0.370	0.410	-9.8	
53333	503	0.206	0.234	-12.0		53733	502	0.189	0.212	-10.8		55371	504	0.360	0.390	-7.7	
53333	504	0.160	0.183	-12.6		53733	503	0.142	0.159	-10.7		55426	502	0.190	0.214	-11.2	
53374	502	0.137	0.148	-7.4		53733	504	0.101	0.114	-11.4		55426	503	0.213	0.242	-12.0	
53374	503	0.147	0.160	-8.1		53734	502	0.310	0.340	-8.8		55426	504	0.166	0.189	-12.2	
53374	504	0.140	0.153	-8.5		53734	503	0.330	0.360	-8.3		55597	502	0.035	0.039	-10.3	
53375	502	0.073	0.079	-7.6		53734	504	0.360	0.400	-10.0		55597	503	0.026	0.029	-10.3	
53375	503	0.078	0.085	-8.2		53803	502	0.410	0.470	-12.8		55597	504	0.018	0.021	-14.3	
53375	504	0.074	0.081	-8.6		53803	503	0.460	0.530	-13.2		55647	502	0.069	0.077	-10.4	
53376	502	0.117	0.126	-7.1		53803	504	0.360	0.410	-12.2		55647	503	0.052	0.058	-10.3	
53376	503	0.125	0.136	-8.1		53907	502	0.128	0.143	-10.5		55647	504	0.037	0.041	-9.8	
53376	504	0.119	0.130	-8.5		53907	503	0.096	0.108	-11.1		55648	502	0.031	0.035	-11.4	
53377	502	0.119	0.129	-7.8		53907	504	0.068	0.077	-11.7		55648	503	0.023	0.026	-11.5	
53377	503	0.128	0.139	-7.9		54012	502	0.031	0.034	-8.8		55648	504	0.017	0.019	-10.5	
53377	504	0.122	0.133	-8.3		54012	503	0.033	0.036	-8.3		55649	502	0.037	0.042	-11.9	
53403	502	0.075	0.082	-8.5		54012	504	0.036	0.040	-10.0		55649	503	0.028	0.031	-9.7	
53403	503	0.081	0.088	-8.0		54077	502	0.175	0.196	-10.7		55649	504	0.020	0.022	-9.1	
53403	504	0.077	0.084	-8.3		54077	503	0.131	0.147	-10.9		55715	502	0.270	0.310	-12.9	
53425	502	0.173	0.196	-11.7		54077	504	0.093	0.105	-11.4		55715	503	0.205	0.230	-10.9	
53425	503	0.194	0.220	-11.8		55010	502	0.530	0.590	-10.2		55715	504	0.146	0.164	-11.0	
53425	504	0.151	0.172	-12.2		55010	503	0.400	0.440	-9.1		55716	502	0.400	0.440	-9.1	
53565	502	0.088	0.095	-7.4		55010	504	0.280	0.320	-12.5		55716	503	0.300	0.330	-9.1	
53565	503	0.094	0.102	-7.8		55011	502	0.143	0.160	-10.6		55716	504	0.211	0.238	-11.3	

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LOSS COST PERCENT CHANGE BY CLASS

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55717	502	0.250	0.280	-10.7		56390	504	0.091	0.102	-10.8		56758	503	0.069	0.077	-10.4	
55717	503	0.280	0.320	-12.5		56391	502	0.146	0.163	-10.4		56758	504	0.049	0.055	-10.9	
55717	504	0.219	0.249	-12.0		56391	503	0.110	0.123	-10.6		56759	502	0.094	0.105	-10.5	
55718	502	0.243	0.270	-10.0		56391	504	0.078	0.088	-11.4		56759	503	0.071	0.079	-10.1	
55718	503	0.270	0.310	-12.9		56427	502	0.235	0.260	-9.6		56759	504	0.050	0.057	-12.3	
55718	504	0.212	0.241	-12.0		56427	503	0.176	0.198	-11.1		56760	502	0.135	0.151	-10.6	
55802	502	0.091	0.098	-7.1		56427	504	0.125	0.141	-11.3		56760	503	0.101	0.114	-11.4	
55802	503	0.097	0.105	-7.6		56488	502	0.151	0.163	-7.4		56760	504	0.072	0.081	-11.1	
55802	504	0.093	0.101	-7.9		56488	503	0.161	0.176	-8.5		56805	502	0.178	0.199	-10.6	
55918	502	0.157	0.175	-10.3		56488	504	0.154	0.168	-8.3		56805	503	0.133	0.150	-11.3	
55918	503	0.117	0.132	-11.4		56567	502	0.176	0.199	-11.6		56805	504	0.095	0.107	-11.2	
55918	504	0.083	0.094	-11.7		56567	503	0.198	0.224	-11.6		56806	502	0.126	0.141	-10.6	
55919	502	0.021	0.024	-12.5		56567	504	0.154	0.175	-12.0		56806	503	0.094	0.106	-11.3	
55919	503	0.016	0.018	-11.1		56650	502	0.540	0.610	-11.5		56806	504	0.067	0.076	-11.8	
55919	504	0.011	0.013	-15.4		56650	503	0.610	0.690	-11.6		56807	502	0.125	0.140	-10.7	
56040	502	0.015	0.017	-11.8		56650	504	0.470	0.540	-13.0		56807	503	0.094	0.105	-10.5	
56040	503	0.011	0.012	-8.3		56651	502	0.290	0.330	-12.1		56807	504	0.066	0.075	-12.0	
56040	504	0.008	0.009	-11.1		56651	503	0.330	0.370	-10.8		56808	502	0.163	0.182	-10.4	
56041	502	0.097	0.109	-11.0		56651	504	0.260	0.290	-10.3		56808	503	0.122	0.137	-10.9	
56041	503	0.073	0.082	-11.0		56652	502	0.210	0.237	-11.4		56808	504	0.087	0.098	-11.2	
56041	504	0.052	0.058	-10.3		56652	503	0.235	0.270	-13.0		56900	502	0.157	0.175	-10.3	
56042	502	0.123	0.137	-10.2		56652	504	0.183	0.208	-12.0		56900	503	0.117	0.132	-11.4	
56042	503	0.092	0.103	-10.7		56653	502	0.202	0.228	-11.4		56900	504	0.083	0.094	-11.7	
56042	504	0.065	0.074	-12.2		56653	503	0.227	0.260	-12.7		56910	502	0.078	0.088	-11.4	
56170	502	0.170	0.192	-11.5		56653	504	0.176	0.201	-12.4		56910	503	0.059	0.066	-10.6	
56170	503	0.191	0.216	-11.6		56654	502	0.103	0.117	-12.0		56910	504	0.042	0.047	-10.6	
56170	504	0.148	0.169	-12.4		56654	503	0.116	0.131	-11.5		56911	502	0.152	0.172	-11.6	
56171	502	0.084	0.094	-10.6		56654	504	0.090	0.103	-12.6		56911	503	0.171	0.193	-11.4	
56171	503	0.094	0.106	-11.3		56690	502	0.078	0.084	-7.1		56911	504	0.133	0.151	-11.9	
56171	504	0.073	0.083	-12.0		56690	503	0.084	0.091	-7.7		56912	502	0.123	0.139	-11.5	
56202	502	0.097	0.109	-11.0		56690	504	0.080	0.087	-8.0		56912	503	0.138	0.157	-12.1	
56202	503	0.073	0.082	-11.0		56699	502	0.108	0.121	-10.7		56912	504	0.107	0.122	-12.3	
56202	504	0.052	0.058	-10.3		56699	503	0.081	0.091	-11.0		56913	502	0.100	0.113	-11.5	
56390	502	0.170	0.190	-10.5		56699	504	0.058	0.065	-10.8		56913	503	0.113	0.128	-11.7	
56390	503	0.128	0.143	-10.5		56758	502	0.092	0.103	-10.7		56913	504	0.087	0.100	-13.0	

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56915	502	0.590	0.670	-11.9		57202	504	0.064	0.072	-11.1		57716	503	0.063	0.071	-11.3	
56915	503	0.670	0.760	-11.8		57257	502	0.150	0.167	-10.2		57716	504	0.049	0.056	-12.5	
56915	504	0.520	0.590	-11.9		57257	503	0.112	0.126	-11.1		57725	502	0.123	0.139	-11.5	
56916	502	0.540	0.610	-11.5		57257	504	0.080	0.090	-11.1		57725	503	0.138	0.157	-12.1	
56916	503	0.600	0.680	-11.8		57401	502	0.085	0.095	-10.5		57725	504	0.107	0.122	-12.3	
56916	504	0.470	0.530	-11.3		57401	503	0.064	0.071	-9.9		57726	502	0.096	0.108	-11.1	
56917	502	0.155	0.175	-11.4		57401	504	0.045	0.051	-11.8		57726	503	0.107	0.122	-12.3	
56917	503	0.174	0.197	-11.7		57403	502	0.185	0.200	-7.5		57726	504	0.084	0.095	-11.6	
56917	504	0.135	0.154	-12.3		57403	503	0.198	0.215	-7.9		57798	502	0.039	0.043	-9.3	
56918	502	0.074	0.084	-11.9		57403	504	0.190	0.206	-7.8		57798	503	0.029	0.033	-12.1	
56918	503	0.084	0.095	-11.6		57410	502	0.041	0.046	-10.9		57798	504	0.021	0.023	-8.7	
56918	504	0.065	0.074	-12.2		57410	503	0.031	0.035	-11.4		57800	502	0.145	0.162	-10.5	
56919	502	0.190	0.214	-11.2		57410	504	0.022	0.025	-12.0		57800	503	0.109	0.122	-10.7	
56919	503	0.213	0.242	-12.0		57411	502	0.043	0.048	-10.4		57800	504	0.077	0.087	-11.5	
56919	504	0.166	0.189	-12.2		57411	503	0.048	0.054	-11.1		57808	502	0.047	0.053	-11.3	
56920	502	0.173	0.196	-11.7		57411	504	0.037	0.042	-11.9		57808	503	0.053	0.060	-11.7	
56920	503	0.194	0.220	-11.8		57572	502	0.024	0.027	-11.1		57808	504	0.041	0.047	-12.8	
56920	504	0.151	0.172	-12.2		57572	503	0.018	0.020	-10.0		57809	502	0.049	0.055	-10.9	
56980	502	0.136	0.152	-10.5		57572	504	0.013	0.014	-7.1		57809	503	0.055	0.062	-11.3	
56980	503	0.102	0.114	-10.5		57600	502	0.072	0.080	-10.0		57809	504	0.042	0.048	-12.5	
56980	504	0.072	0.081	-11.1		57600	503	0.054	0.060	-10.0		57810	502	0.047	0.053	-11.3	
57001	502	0.047	0.052	-9.6		57600	504	0.038	0.043	-11.6		57810	503	0.053	0.060	-11.7	
57001	503	0.035	0.039	-10.3		57611	502	0.091	0.103	-11.7		57810	504	0.041	0.047	-12.8	
57001	504	0.025	0.028	-10.7		57611	503	0.102	0.116	-12.1		57871	502	0.056	0.063	-11.1	
57002	502	0.030	0.034	-11.8		57611	504	0.080	0.090	-11.1		57871	503	0.063	0.071	-11.3	
57002	503	0.023	0.025	-8.0		57625	502	0.630	0.710	-11.3		57871	504	0.049	0.056	-12.5	
57002	504	0.016	0.018	-11.1		57625	503	0.470	0.530	-11.3		57913	502	0.188	0.210	-10.5	
57090	502	0.280	0.310	-9.7		57625	504	0.340	0.380	-10.5		57913	503	0.141	0.158	-10.8	
57090	503	0.310	0.350	-11.4		57651	502	0.077	0.086	-10.5		57913	504	0.100	0.113	-11.5	
57090	504	0.243	0.280	-13.2		57651	503	0.057	0.064	-10.9		57997	502	0.068	0.075	-9.3	
57146	502	0.176	0.199	-11.6		57651	504	0.041	0.046	-10.9		57997	503	0.073	0.080	-8.8	
57146	503	0.198	0.224	-11.6		57690	502	0.119	0.134	-11.2		57997	504	0.081	0.090	-10.0	
57146	504	0.154	0.175	-12.0		57690	503	0.133	0.151	-11.9		57998	502	0.083	0.093	-10.8	
57202	502	0.120	0.135	-11.1		57690	504	0.103	0.118	-12.7		57998	503	0.062	0.070	-11.4	
57202	503	0.090	0.101	-10.9		57716	502	0.056	0.063	-11.1		57998	504	0.044	0.050	-12.0	

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LOSS COST PERCENT CHANGE BY CLASS

Class	Terr	Proposed Loss Cost	Present Loss Cost	Percent Change	Capping Flag	Class	Terr	Proposed Loss Cost	Present Loss Cost	Percent Change	Capping Flag	Class	Terr	Proposed Loss Cost	Present Loss Cost	Percent Change	Capping Flag
57999	502	0.078	0.088	-11.4		58397	504	0.203	0.229	-11.4		58627	503	0.200	0.225	-11.1	
57999	503	0.087	0.099	-12.1		58408	502	0.040	0.044	-9.1		58627	504	0.142	0.160	-11.3	
57999	504	0.068	0.077	-11.7		58408	503	0.043	0.047	-8.5		58663	502	0.390	0.440	-11.4	
58009	502	0.078	0.088	-11.4		58408	504	0.048	0.053	-9.4		58663	503	0.440	0.500	-12.0	
58009	503	0.087	0.099	-12.1		58409	502	0.051	0.057	-10.5		58663	504	0.340	0.390	-12.8	
58009	504	0.068	0.077	-11.7		58409	503	0.055	0.060	-8.3		58682	502	0.238	0.270	-11.9	
58010	502	0.193	0.216	-10.6		58409	504	0.061	0.067	-9.0		58682	503	0.178	0.200	-11.0	
58010	503	0.145	0.163	-11.0		58456	502	0.027	0.030	-10.0		58682	504	0.126	0.143	-11.9	
58010	504	0.103	0.116	-11.2		58456	503	0.029	0.032	-9.4		58713	502	0.058	0.062	-6.5	
58020	502	0.199	0.215	-7.4		58456	504	0.032	0.036	-11.1		58713	503	0.062	0.067	-7.5	
58020	503	0.213	0.231	-7.8		58457	502	0.040	0.044	-9.1		58713	504	0.059	0.064	-7.8	
58020	504	0.204	0.222	-8.1		58457	503	0.042	0.047	-10.6		58737	502	0.173	0.193	-10.4	
58056	502	0.231	0.260	-11.2		58457	504	0.047	0.052	-9.6		58737	503	0.129	0.145	-11.0	
58056	503	0.173	0.194	-10.8		58458	502	0.051	0.057	-10.5		58737	504	0.092	0.103	-10.7	
58056	504	0.123	0.138	-10.9		58458	503	0.055	0.060	-8.3		58756	502	0.073	0.082	-11.0	
58057	502	0.145	0.162	-10.5		58458	504	0.061	0.067	-9.0		58756	503	0.082	0.093	-11.8	
58057	503	0.109	0.122	-10.7		58459	502	0.062	0.068	-8.8		58756	504	0.064	0.072	-11.1	
58057	504	0.077	0.087	-11.5		58459	503	0.065	0.072	-9.7		58757	502	0.580	0.650	-10.8	
58058	502	0.130	0.146	-11.0		58459	504	0.073	0.081	-9.9		58757	503	0.440	0.490	-10.2	
58058	503	0.098	0.110	-10.9		58503	502	0.102	0.114	-10.5		58757	504	0.310	0.350	-11.4	
58058	504	0.069	0.078	-11.5		58503	503	0.076	0.086	-11.6		58759	502	0.072	0.080	-10.0	
58095	502	0.183	0.205	-10.7		58503	504	0.054	0.061	-11.5		58759	503	0.054	0.060	-10.0	
58095	503	0.137	0.154	-11.0		58532	502	0.131	0.147	-10.9		58759	504	0.038	0.043	-11.6	
58095	504	0.098	0.110	-10.9		58532	503	0.098	0.110	-10.9		58802	502	0.082	0.091	-9.9	
58096	502	0.244	0.270	-9.6		58532	504	0.070	0.079	-11.4		58802	503	0.061	0.069	-11.6	
58096	503	0.183	0.205	-10.7		58559	502	0.027	0.030	-10.0		58802	504	0.043	0.049	-12.2	
58096	504	0.130	0.146	-11.0		58559	503	0.020	0.023	-13.0		58813	502	0.179	0.202	-11.4	
58301	502	0.059	0.067	-11.9		58559	504	0.014	0.016	-12.5		58813	503	0.201	0.228	-11.8	
58301	503	0.067	0.075	-10.7		58560	502	0.065	0.072	-9.7		58813	504	0.156	0.178	-12.4	
58301	504	0.052	0.059	-11.9		58560	503	0.048	0.054	-11.1		58822	502	0.225	0.250	-10.0	
58302	502	0.066	0.073	-9.6		58560	504	0.034	0.039	-12.8		58822	503	0.168	0.189	-11.1	
58302	503	0.049	0.055	-10.9		58575	502	0.083	0.093	-10.8		58822	504	0.119	0.135	-11.9	
58302	504	0.035	0.039	-10.3		58575	503	0.062	0.070	-11.4		58837	502	0.360	0.410	-12.2	
58397	502	0.380	0.430	-11.6		58575	504	0.044	0.050	-12.0		58837	503	0.400	0.460	-13.0	
58397	503	0.290	0.320	-9.4		58627	502	0.270	0.300	-10.0		58837	504	0.310	0.360	-13.9	

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LOSS COST PERCENT CHANGE BY CLASS

Class	Terr	Proposed Loss Cost	Present Loss Cost	Percent Change	Capping Flag	Class	Terr	Proposed Loss Cost	Present Loss Cost	Percent Change	Capping Flag	Class	Terr	Proposed Loss Cost	Present Loss Cost	Percent Change	Capping Flag
58840	502	0.108	0.122	-11.5		59257	504	0.014	0.016	-12.5		59713	503	0.206	0.231	-10.8	
58840	503	0.121	0.137	-11.7		59306	502	0.165	0.184	-10.3		59713	504	0.146	0.165	-11.5	
58840	504	0.094	0.107	-12.1		59306	503	0.123	0.139	-11.5		59722	502	0.142	0.159	-10.7	
58873	502	0.172	0.194	-11.3		59306	504	0.088	0.099	-11.1		59722	503	0.107	0.120	-10.8	
58873	503	0.193	0.218	-11.5		59378	502	0.116	0.130	-10.8		59722	504	0.076	0.085	-10.6	
58873	504	0.150	0.170	-11.8		59378	503	0.130	0.147	-11.6		59723	502	0.054	0.060	-10.0	
58903	502	0.051	0.058	-12.1		59378	504	0.101	0.115	-12.2		59723	503	0.040	0.045	-11.1	
58903	503	0.039	0.043	-9.3		59481	502	0.440	0.500	-12.0		59723	504	0.029	0.032	-9.4	
58903	504	0.027	0.031	-12.9		59481	503	0.330	0.370	-10.8		59724	502	0.082	0.092	-10.9	
58904	502	0.039	0.044	-11.4		59481	504	0.236	0.270	-12.6		59724	503	0.062	0.069	-10.1	
58904	503	0.030	0.033	-9.1		59482	502	0.410	0.440	-6.8		59724	504	0.044	0.049	-10.2	
58904	504	0.021	0.024	-12.5		59482	503	0.440	0.480	-8.3		59725	502	0.102	0.114	-10.5	
58922	502	0.290	0.320	-9.4		59482	504	0.420	0.460	-8.7		59725	503	0.077	0.086	-10.5	
58922	503	0.320	0.360	-11.1		59537	502	0.125	0.141	-11.3		59725	504	0.054	0.061	-11.5	
58922	504	0.249	0.280	-11.1		59537	503	0.140	0.158	-11.4		59726	502	0.074	0.083	-10.8	
59005	502	0.097	0.109	-11.0		59537	504	0.109	0.124	-12.1		59726	503	0.056	0.063	-11.1	
59005	503	0.073	0.082	-11.0		59601	502	0.167	0.187	-10.7		59726	504	0.040	0.045	-11.1	
59005	504	0.052	0.058	-10.3		59601	503	0.125	0.140	-10.7		59738	502	0.238	0.270	-11.9	
59057	502	0.720	0.810	-11.1		59601	504	0.089	0.100	-11.0		59738	503	0.178	0.200	-11.0	
59057	503	0.540	0.610	-11.5		59647	502	0.184	0.199	-7.5		59738	504	0.126	0.143	-11.9	
59057	504	0.380	0.430	-11.6		59647	503	0.197	0.214	-7.9		59750	502	0.093	0.105	-11.4	
59058	502	0.470	0.520	-9.6		59647	504	0.188	0.205	-8.3		59750	503	0.104	0.118	-11.9	
59058	503	0.350	0.390	-10.3		59660	502	0.310	0.340	-8.8		59750	504	0.081	0.092	-12.0	
59058	504	0.249	0.280	-11.1		59660	503	0.230	0.260	-11.5		59751	502	0.033	0.038	-13.2	
59188	502	0.400	0.430	-7.0		59660	504	0.163	0.184	-11.4		59751	503	0.038	0.043	-11.6	
59188	503	0.420	0.460	-8.7		59661	502	0.151	0.168	-10.1		59751	504	0.029	0.033	-12.1	
59188	504	0.400	0.440	-9.1		59661	503	0.113	0.127	-11.0		59773	502	0.023	0.025	-8.0	
59189	502	0.540	0.590	-8.5		59661	504	0.080	0.090	-11.1		59773	503	0.025	0.027	-7.4	
59189	503	0.580	0.630	-7.9		59693	502	0.025	0.028	-10.7		59773	504	0.024	0.026	-7.7	
59189	504	0.550	0.600	-8.3		59693	503	0.019	0.021	-9.5		59774	502	0.019	0.021	-9.5	
59223	502	0.178	0.201	-11.4		59693	504	0.013	0.015	-13.3		59774	503	0.021	0.022	-4.5	
59223	503	0.200	0.226	-11.5		59701	502	0.012	0.013	-7.7		59774	504	0.020	0.021	-4.8	
59223	504	0.155	0.176	-11.9		59701	503	0.009	0.010	-10.0		59775	502	0.025	0.027	-7.4	
59257	502	0.026	0.029	-10.3		59701	504	0.006	0.007	-14.3		59775	503	0.026	0.029	-10.3	
59257	503	0.020	0.022	-9.1		59713	502	0.270	0.310	-12.9		59775	504	0.025	0.028	-10.7	

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LOSS COST PERCENT CHANGE BY CLASS

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59781	502	0.081	0.091	-11.0		59904	504	0.069	0.078	-11.5		59947	503	0.089	0.100	-11.0	
59781	503	0.090	0.102	-11.8		59905	502	0.129	0.144	-10.4		59947	504	0.069	0.078	-11.5	
59781	504	0.070	0.080	-12.5		59905	503	0.097	0.109	-11.0		59955	502	0.044	0.049	-10.2	
59782	502	0.120	0.136	-11.8		59905	504	0.069	0.078	-11.5		59955	503	0.033	0.037	-10.8	
59782	503	0.135	0.153	-11.8		59914	502	0.760	0.850	-10.6		59955	504	0.023	0.026	-11.5	
59782	504	0.105	0.119	-11.8		59914	503	0.570	0.640	-10.9		59963	502	0.330	0.360	-8.3	
59783	502	0.117	0.132	-11.4		59914	504	0.400	0.460	-13.0		59963	503	0.244	0.270	-9.6	
59783	503	0.131	0.149	-12.1		59915	502	0.260	0.300	-13.3		59963	504	0.173	0.195	-11.3	
59783	504	0.102	0.116	-12.1		59915	503	0.300	0.330	-9.1		59964	502	0.760	0.850	-10.6	
59784	502	0.090	0.101	-10.9		59915	504	0.229	0.260	-11.9		59964	503	0.570	0.640	-10.9	
59784	503	0.101	0.114	-11.4		59917	502	0.049	0.055	-10.9		59964	504	0.410	0.460	-10.9	
59784	504	0.078	0.089	-12.4		59917	503	0.055	0.062	-11.3		59970	502	0.106	0.120	-11.7	
59790	502	0.183	0.205	-10.7		59917	504	0.042	0.048	-12.5		59970	503	0.119	0.135	-11.9	
59790	503	0.137	0.154	-11.0		59923	502	0.019	0.021	-9.5		59970	504	0.093	0.106	-12.3	
59790	504	0.098	0.110	-10.9		59923	503	0.014	0.016	-12.5		59973	502	0.210	0.235	-10.6	
59798	502	0.310	0.340	-8.8		59923	504	0.010	0.011	-9.1		59973	503	0.158	0.177	-10.7	
59798	503	0.340	0.390	-12.8		59925	502	0.320	0.340	-5.9		59973	504	0.112	0.126	-11.1	
59798	504	0.270	0.300	-10.0		59925	503	0.260	0.280	-7.1		59975	502	0.149	0.168	-11.3	
59806	502	0.219	0.247	-11.3		59925	504	0.270	0.290	-6.9		59975	503	0.167	0.189	-11.6	
59806	503	0.246	0.280	-12.1		59926	502	0.270	0.290	-6.9		59975	504	0.130	0.148	-12.2	
59806	504	0.191	0.217	-12.0		59926	503	0.223	0.241	-7.5		59977	502	0.085	0.096	-11.5	
59867	502	0.206	0.231	-10.8		59926	504	0.229	0.248	-7.7		59977	503	0.096	0.108	-11.1	
59867	503	0.155	0.174	-10.9		59927	502	0.182	0.195	-6.7		59977	504	0.074	0.084	-11.9	
59867	504	0.110	0.124	-11.3		59927	503	0.150	0.162	-7.4		59984	502	0.058	0.064	-9.4	
59886	502	0.028	0.031	-9.7		59927	504	0.154	0.166	-7.2		59984	503	0.043	0.048	-10.4	
59886	503	0.021	0.023	-8.7		59931	502	0.340	0.380	-10.5		59984	504	0.031	0.034	-8.8	
59886	504	0.015	0.017	-11.8		59931	503	0.260	0.290	-10.3		59985	502	0.225	0.250	-10.0	
59889	502	0.077	0.083	-7.2		59931	504	0.182	0.205	-11.2		59985	503	0.169	0.189	-10.6	
59889	503	0.082	0.089	-7.9		59932	502	0.370	0.410	-9.8		59985	504	0.120	0.135	-11.1	
59889	504	0.079	0.086	-8.1		59932	503	0.280	0.310	-9.7		59986	502	0.172	0.192	-10.4	
59892	502	0.117	0.132	-11.4		59932	504	0.196	0.220	-10.9		59986	503	0.129	0.145	-11.0	
59892	503	0.131	0.149	-12.1		59941	502	0.114	0.128	-10.9		59986	504	0.091	0.103	-11.7	
59892	504	0.102	0.116	-12.1		59941	503	0.086	0.096	-10.4		59988	502	0.038	0.043	-11.6	
59904	502	0.079	0.089	-11.2		59941	504	0.061	0.069	-11.6		59988	503	0.043	0.048	-10.4	
59904	503	0.089	0.100	-11.0		59947	502	0.079	0.089	-11.2		59988	504	0.033	0.038	-13.2	

L - Lower Cap Applied
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SUBLINE: PREM/OPS

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	502	0.030	0.034	-11.8		61217	504	13.600	13.200	+3.0		63011	503	40.000	38.300	+4.4	
59989	503	0.023	0.025	-8.0		61218	502	14.300	13.300	+7.5		63011	504	40.400	38.400	+5.2	
59989	504	0.016	0.018	-11.1		61218	503	11.400	11.100	+2.7		63012	502	81.600	74.900	+8.9	
60010	502	25.500	23.400	+9.0		61218	504	9.310	9.040	+3.0		63012	503	56.900	54.500	+4.4	
60010	503	17.800	17.000	+4.7		61223	502	101.000	94.800	+6.5		63012	504	57.400	54.700	+4.9	
60010	504	17.900	17.100	+4.7		61223	503	81.000	79.000	+2.5		63013	502	77.300	70.900	+9.0	
60011	502	29.300	26.900	+8.9		61223	504	66.200	64.300	+3.0		63013	503	53.900	51.600	+4.5	
60011	503	20.500	19.600	+4.6		61224	502	32.300	30.200	+7.0		63013	504	54.400	51.800	+5.0	
60011	504	20.600	19.600	+5.1		61224	503	25.800	25.200	+2.4		63215	502	58.900	55.100	+6.9	
60012	502	48.200	44.200	+9.0		61224	504	21.100	20.500	+2.9		63215	503	47.100	45.900	+2.6	
60012	503	33.600	32.200	+4.3		61225	502	44.800	41.900	+6.9		63215	504	38.500	37.400	+2.9	
60012	504	33.900	32.300	+5.0		61225	503	35.800	34.900	+2.6		63216	502	40.900	38.200	+7.1	
60013	502	41.300	37.900	+9.0		61225	504	29.300	28.400	+3.2		63216	503	32.700	31.900	+2.5	
60013	503	28.800	27.600	+4.3		61226	502	75.400	70.600	+6.8		63216	504	26.700	25.900	+3.1	
60013	504	29.100	27.700	+5.1		61226	503	60.300	58.800	+2.6		63217	502	76.900	66.500	+15.6	
60015	502	30.900	28.300	+9.2		61226	504	49.200	47.800	+2.9		63217	503	69.400	62.500	+11.0	
60015	503	21.500	20.600	+4.4		61227	502	69.000	64.500	+7.0		63217	504	77.800	69.800	+11.5	
60015	504	21.700	20.700	+4.8		61227	503	55.200	53.800	+2.6		63218	502	25.900	22.400	+15.6	
60016	502	34.700	31.800	+9.1		61227	504	45.100	43.800	+3.0		63218	503	23.400	21.100	+10.9	
60016	503	24.200	23.100	+4.8		62000	502	15.700	14.700	+6.8		63218	504	26.200	23.500	+11.5	
60016	504	24.400	23.200	+5.2		62000	503	12.600	12.300	+2.4		64074	502	19.400	17.700	+9.6	
60035	502	40.400	37.800	+6.9		62000	504	10.300	9.980	+3.2		64074	503	19.900	18.900	+5.3	
60035	503	32.300	31.500	+2.5		62001	502	12.400	11.600	+6.9		64074	504	17.600	16.600	+6.0	
60035	504	26.400	25.700	+2.7		62001	503	9.910	9.660	+2.6		64075	502	13.700	12.500	+9.6	
61000	502	25.200	23.200	+8.6		62001	504	8.100	7.860	+3.1		64075	503	14.000	13.300	+5.3	
61000	503	17.600	16.800	+4.8		62002	502	5.660	5.290	+7.0		64075	504	12.400	11.700	+6.0	
61000	504	17.800	16.900	+5.3		62002	503	4.530	4.410	+2.7		65007	502	35.900	33.600	+6.8	
61212	502	20.700	19.300	+7.3		62002	504	3.700	3.590	+3.1		65007	503	28.700	28.000	+2.5	
61212	503	16.500	16.200	+1.9		62003	502	17.800	16.700	+6.6		65007	504	23.400	22.800	+2.6	
61212	504	13.500	13.100	+3.1		62003	503	14.300	13.900	+2.9		66122	502	15.400	14.400	+6.9	
61216	502	22.900	21.500	+6.5		62003	504	11.600	11.300	+2.7		66122	503	12.300	12.000	+2.5	
61216	503	18.300	17.900	+2.2		63010	502	45.900	42.100	+9.0		66122	504	10.100	9.790	+3.2	
61216	504	15.000	14.500	+3.4		63010	503	32.000	30.600	+4.6		66123	502	8.490	7.930	+7.1	
61217	502	20.900	19.500	+7.2		63010	504	32.300	30.800	+4.9		66123	503	6.790	6.610	+2.7	
61217	503	16.700	16.200	+3.1		63011	502	57.400	52.700	+8.9		66123	504	5.550	5.380	+3.2	

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SUBLINE: PREM/OPS

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
66309	502	24.800	23.200	+6.9		68001	504	65.100	63.200	+3.0		91125	503	2.230	2.430	-8.2	
66309	503	19.800	19.300	+2.6		68439	502	128.000	120.000	+6.7		91125	504	2.230	2.430	-8.2	
66309	504	16.200	15.700	+3.2		68439	503	102.000	99.800	+2.2		91127	502	1.810	2.000	-9.5	
66561	502	57.400	53.700	+6.9		68439	504	83.700	81.200	+3.1		91127	503	1.810	2.000	-9.5	
66561	503	45.900	44.800	+2.5		68500	502	5.610	5.150	+8.9		91127	504	1.810	2.000	-9.5	
66561	504	37.500	36.400	+3.0		68500	503	3.910	3.740	+4.5		91130	502	1.100	1.230	-10.6	
67017	502	53.300	49.800	+7.0		68500	504	3.950	3.760	+5.1		91130	503	1.100	1.230	-10.6	
67017	503	42.600	41.500	+2.7		68604	502	2.400	2.240	+7.1		91130	504	1.100	1.230	-10.6	
67017	504	34.800	33.800	+3.0		68604	503	1.920	1.860	+3.2		91135	502	0.310	0.340	-8.8	
67508	502	61.400	57.500	+6.8		68604	504	1.570	1.520	+3.3		91135	503	0.310	0.340	-8.8	
67508	503	51.400	50.200	+2.4		68606	502	9.360	8.750	+7.0		91135	504	0.310	0.340	-8.8	
67508	504	51.000	49.600	+2.8		68606	503	7.480	7.290	+2.6		91150	502	1.710	1.890	-9.5	
67509	502	45.000	42.100	+6.9		68606	504	6.110	5.930	+3.0		91150	503	1.710	1.890	-9.5	
67509	503	37.700	36.800	+2.4		68607	502	7.390	6.920	+6.8		91150	504	1.710	1.890	-9.5	
67509	504	37.400	36.400	+2.7		68607	503	5.910	5.760	+2.6		91155	502	3.800	4.200	-9.5	
67510	502	25.100	23.500	+6.8		68607	504	4.830	4.690	+3.0		91155	503	3.800	4.200	-9.5	
67510	503	21.000	20.500	+2.4		68702	502	6.090	5.700	+6.8		91155	504	3.800	4.200	-9.5	
67510	504	20.800	20.200	+3.0		68702	503	4.870	4.750	+2.5		91160	502	0.900	0.970	-7.2	
67511	502	27.100	25.400	+6.7		68702	504	3.980	3.860	+3.1		91160	503	0.900	0.970	-7.2	
67511	503	22.700	22.200	+2.3		68703	502	4.560	4.270	+6.8		91160	504	0.900	0.970	-7.2	
67511	504	22.500	21.900	+2.7		68703	503	3.650	3.560	+2.5		91175	502	0.770	0.840	-8.3	
67512	502	116.000	109.000	+6.4		68703	504	2.980	2.900	+2.8		91175	503	0.770	0.840	-8.3	
67512	503	97.200	94.900	+2.4		68706	502	19.600	18.300	+7.1		91175	504	0.770	0.840	-8.3	
67512	504	96.500	93.800	+2.9		68706	503	15.600	15.300	+2.0		91177	502	3.380	3.670	-7.9	
67513	502	73.700	68.900	+7.0		68706	504	12.800	12.400	+3.2		91177	503	3.380	3.670	-7.9	
67513	503	61.700	60.200	+2.5		68707	502	19.400	18.100	+7.2		91177	504	3.380	3.670	-7.9	
67513	504	61.200	59.500	+2.9		68707	503	15.500	15.100	+2.6		91179	502	3.390	3.690	-8.1	
67634	502	46.100	43.100	+7.0		68707	504	12.600	12.300	+2.4		91179	503	3.390	3.690	-8.1	
67634	503	36.900	35.900	+2.8		90089	502	3.710	4.030	-7.9		91179	504	3.390	3.690	-8.1	
67634	504	30.100	29.200	+3.1		90089	503	3.710	4.030	-7.9		91190	502	1.820	1.980	-8.1	
67635	502	32.600	30.500	+6.9		90089	504	3.710	4.030	-7.9		91190	503	1.820	1.980	-8.1	
67635	503	26.100	25.400	+2.8		91111	502	2.690	2.980	-9.7		91190	504	1.820	1.980	-8.1	
67635	504	21.300	20.700	+2.9		91111	503	2.690	2.980	-9.7		91200	502	0.630	0.700	-10.0	
68001	502	99.600	93.200	+6.9		91111	504	2.690	2.980	-9.7		91200	503	0.630	0.700	-10.0	
68001	503	79.600	77.600	+2.6		91125	502	2.230	2.430	-8.2		91200	504	0.630	0.700	-10.0	

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LOSS COST PERCENT CHANGE BY CLASS

Class	Terr	Proposed Loss Cost	Present Loss Cost	Percent Change	Capping Flag	Class	Terr	Proposed Loss Cost	Present Loss Cost	Percent Change	Capping Flag	Class	Terr	Proposed Loss Cost	Present Loss Cost	Percent Change	Capping Flag
91235	502	2.090	2.310	-9.5		91405	504	4.560	4.950	-7.9		91590	503	2.970	3.220	-7.8	
91235	503	2.090	2.310	-9.5		91436	502	4.390	4.760	-7.8		91590	504	2.970	3.220	-7.8	
91235	504	2.090	2.310	-9.5		91436	503	4.390	4.760	-7.8		91606	502	10.800	12.000	-10.0	
91250	502	3.150	3.480	-9.5		91436	504	4.390	4.760	-7.8		91606	503	10.800	12.000	-10.0	
91250	503	3.150	3.480	-9.5		91481	502	16.000	17.400	-8.0		91606	504	10.800	12.000	-10.0	
91250	504	3.150	3.480	-9.5		91481	503	16.000	17.400	-8.0		91629	502	2.200	2.450	-10.2	
91265	502	13.400	15.000	-10.7		91481	504	16.000	17.400	-8.0		91629	503	2.200	2.450	-10.2	
91265	503	13.400	15.000	-10.7		91507	502	2.360	2.560	-7.8		91629	504	2.200	2.450	-10.2	
91265	504	13.400	15.000	-10.7		91507	503	2.360	2.560	-7.8		91636	502	3.770	4.210	-10.5	
91266	502	7.120	7.930	-10.2		91507	504	2.360	2.560	-7.8		91636	503	3.770	4.210	-10.5	
91266	503	7.120	7.930	-10.2		91523	502	36.400	39.500	-7.8		91636	504	3.770	4.210	-10.5	
91266	504	7.120	7.930	-10.2		91523	503	36.400	39.500	-7.8		91641	502	1.020	1.140	-10.5	
91302	502	8.870	9.630	-7.9		91523	504	36.400	39.500	-7.8		91641	503	1.020	1.140	-10.5	
91302	503	8.870	9.630	-7.9		91547	502	0.207	0.225	-8.0		91641	504	1.020	1.140	-10.5	
91302	504	8.870	9.630	-7.9		91547	503	0.207	0.225	-8.0		91666	502	0.800	0.870	-8.0	
91315	502	2.690	2.920	-7.9		91547	504	0.207	0.225	-8.0		91666	503	0.800	0.870	-8.0	
91315	503	2.690	2.920	-7.9		91551	502	1.280	1.390	-7.9		91666	504	0.800	0.870	-8.0	
91315	504	2.690	2.920	-7.9		91551	503	1.280	1.390	-7.9		91722	502	3.300	3.680	-10.3	
91324	502	6.000	6.510	-7.8		91551	504	1.280	1.390	-7.9		91722	503	3.300	3.680	-10.3	
91324	503	6.000	6.510	-7.8		91555	502	1.260	1.390	-9.4		91722	504	3.300	3.680	-10.3	
91324	504	6.000	6.510	-7.8		91555	503	1.260	1.390	-9.4		91746	502	2.860	3.100	-7.7	
91340	502	3.920	4.250	-7.8		91555	504	1.260	1.390	-9.4		91746	503	2.860	3.100	-7.7	
91340	503	3.920	4.250	-7.8		91560	502	3.930	4.380	-10.3		91746	504	2.860	3.100	-7.7	
91340	504	3.920	4.250	-7.8		91560	503	3.930	4.380	-10.3		91805	502	0.179	0.195	-8.2	
91341	502	3.880	4.210	-7.8		91560	504	3.930	4.380	-10.3		91805	503	0.179	0.195	-8.2	
91341	503	3.880	4.210	-7.8		91562	502	2.860	3.100	-7.7		91805	504	0.179	0.195	-8.2	
91341	504	3.880	4.210	-7.8		91562	503	2.860	3.100	-7.7		92053	502	0.440	0.480	-8.3	
91342	502	3.590	3.900	-7.9		91562	504	2.860	3.100	-7.7		92053	503	0.440	0.480	-8.3	
91342	503	3.590	3.900	-7.9		91577	502	10.200	11.100	-8.1		92053	504	0.440	0.480	-8.3	
91342	504	3.590	3.900	-7.9		91577	503	10.200	11.100	-8.1		92054	502	0.152	0.165	-7.9	
91343	502	0.860	0.930	-7.5		91577	504	10.200	11.100	-8.1		92054	503	0.152	0.165	-7.9	
91343	503	0.860	0.930	-7.5		91580	502	5.190	5.780	-10.2		92054	504	0.152	0.165	-7.9	
91343	504	0.860	0.930	-7.5		91580	503	5.190	5.780	-10.2		92055	502	4.240	4.600	-7.8	
91405	502	4.560	4.950	-7.9		91580	504	5.190	5.780	-10.2		92055	503	4.240	4.600	-7.8	
91405	503	4.560	4.950	-7.9		91590	502	2.970	3.220	-7.8		92055	504	4.240	4.600	-7.8	

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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	502	6.620	7.190	-7.9		92663	504	0.510	0.570	-10.5		95233	503	2.720	2.950	-7.8	
92101	503	6.620	7.190	-7.9		94007	502	9.450	10.300	-8.3		95233	504	2.720	2.950	-7.8	
92101	504	6.620	7.190	-7.9		94007	503	9.450	10.300	-8.3		95305	502	2.950	3.210	-8.1	
92102	502	3.990	4.330	-7.9		94007	504	9.450	10.300	-8.3		95305	503	2.950	3.210	-8.1	
92102	503	3.990	4.330	-7.9		94099	502	2.150	2.340	-8.1		95305	504	2.950	3.210	-8.1	
92102	504	3.990	4.330	-7.9		94099	503	2.150	2.340	-8.1		95306	502	4.320	4.820	-10.4	
92215	502	3.000	3.310	-9.4		94099	504	2.150	2.340	-8.1		95306	503	4.320	4.820	-10.4	
92215	503	3.000	3.310	-9.4		94225	502	7.570	8.230	-8.0		95306	504	4.320	4.820	-10.4	
92215	504	3.000	3.310	-9.4		94225	503	7.570	8.230	-8.0		95310	502	7.050	7.660	-8.0	
92338	502	1.530	1.660	-7.8		94225	504	7.570	8.230	-8.0		95310	503	7.050	7.660	-8.0	
92338	503	1.530	1.660	-7.8		94276	502	3.950	4.290	-7.9		95310	504	7.050	7.660	-8.0	
92338	504	1.530	1.660	-7.8		94276	503	3.950	4.290	-7.9		95357	502	1.100	1.230	-10.6	
92445	502	2.160	2.410	-10.4		94276	504	3.950	4.290	-7.9		95357	503	1.100	1.230	-10.6	
92445	503	2.160	2.410	-10.4		94304	502	2.670	2.950	-9.5		95357	504	1.100	1.230	-10.6	
92445	504	2.160	2.410	-10.4		94304	503	2.670	2.950	-9.5		95410	502	3.810	4.140	-8.0	
92446	502	5.040	5.470	-7.9		94304	504	2.670	2.950	-9.5		95410	503	3.810	4.140	-8.0	
92446	503	5.040	5.470	-7.9		94381	502	5.010	5.530	-9.4		95410	504	3.810	4.140	-8.0	
92446	504	5.040	5.470	-7.9		94381	503	5.010	5.530	-9.4		95455	502	4.560	5.080	-10.2	
92447	502	4.400	4.780	-7.9		94381	504	5.010	5.530	-9.4		95455	503	4.560	5.080	-10.2	
92447	503	4.400	4.780	-7.9		94404	502	3.740	4.060	-7.9		95455	504	4.560	5.080	-10.2	
92447	504	4.400	4.780	-7.9		94404	503	3.740	4.060	-7.9		95487	502	2.040	2.220	-8.1	
92451	502	2.090	2.310	-9.5		94404	504	3.740	4.060	-7.9		95487	503	2.040	2.220	-8.1	
92451	503	2.090	2.310	-9.5		94569	502	2.520	2.740	-8.0		95487	504	2.040	2.220	-8.1	
92451	504	2.090	2.310	-9.5		94569	503	2.520	2.740	-8.0		95505	502	2.120	2.370	-10.5	
92453	502	2.790	3.030	-7.9		94569	504	2.520	2.740	-8.0		95505	503	2.120	2.370	-10.5	
92453	503	2.790	3.030	-7.9		94590	502	10.900	11.800	-7.6		95505	504	2.120	2.370	-10.5	
92453	504	2.790	3.030	-7.9		94590	503	10.900	11.800	-7.6		95620	502	1.660	1.800	-7.8	
92478	502	1.380	1.500	-8.0		94590	504	10.900	11.800	-7.6		95620	503	1.660	1.800	-7.8	
92478	503	1.380	1.500	-8.0		94617	502	3.440	3.730	-7.8		95620	504	1.660	1.800	-7.8	
92478	504	1.380	1.500	-8.0		94617	503	3.440	3.730	-7.8		95625	502	4.240	4.600	-7.8	
92593	502	27.400	30.300	-9.6		94617	504	3.440	3.730	-7.8		95625	503	4.240	4.600	-7.8	
92593	503	27.400	30.300	-9.6		95124	502	1.270	1.380	-8.0		95625	504	4.240	4.600	-7.8	
92593	504	27.400	30.300	-9.6		95124	503	1.270	1.380	-8.0		95647	502	2.520	2.780	-9.4	
92663	502	0.510	0.570	-10.5		95124	504	1.270	1.380	-8.0		95647	503	2.520	2.780	-9.4	
92663	503	0.510	0.570	-10.5		95233	502	2.720	2.950	-7.8		95647	504	2.520	2.780	-9.4	

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

LOSS COST PERCENT CHANGE BY CLASS

Class	Terr	Proposed 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
96053	502	1.910	2.110	-9.5		97111	504	4.550	4.940	-7.9		98002	503	0.750	0.830	-9.6	
96053	503	1.910	2.110	-9.5		97220	502	0.290	0.330	-12.1		98002	504	0.750	0.830	-9.6	
96053	504	1.910	2.110	-9.5		97220	503	0.290	0.330	-12.1		98003	502	0.840	0.910	-7.7	
96317	502	1.140	1.270	-10.2		97220	504	0.290	0.330	-12.1		98003	503	0.840	0.910	-7.7	
96317	503	1.140	1.270	-10.2		97222	502	1.380	1.530	-9.8		98003	504	0.840	0.910	-7.7	
96317	504	1.140	1.270	-10.2		97222	503	1.380	1.530	-9.8		98090	502	0.113	0.123	-8.1	
96408	502	3.300	3.580	-7.8		97222	504	1.380	1.530	-9.8		98090	503	0.113	0.123	-8.1	
96408	503	3.300	3.580	-7.8		97223	502	2.090	2.310	-9.5		98090	504	0.113	0.123	-8.1	
96408	504	3.300	3.580	-7.8		97223	503	2.090	2.310	-9.5		98091	502	0.123	0.133	-7.5	
96409	502	3.050	3.310	-7.9		97223	504	2.090	2.310	-9.5		98091	503	0.123	0.133	-7.5	
96409	503	3.050	3.310	-7.9		97308	502	0.550	0.610	-9.8		98091	504	0.123	0.133	-7.5	
96409	504	3.050	3.310	-7.9		97308	503	0.550	0.610	-9.8		98092	502	0.370	0.400	-7.5	
96410	502	2.680	2.910	-7.9		97308	504	0.550	0.610	-9.8		98092	503	0.370	0.400	-7.5	
96410	503	2.680	2.910	-7.9		97447	502	1.810	2.020	-10.4		98092	504	0.370	0.400	-7.5	
96410	504	2.680	2.910	-7.9		97447	503	1.810	2.020	-10.4		98111	502	0.530	0.580	-8.6	
96611	502	0.900	0.970	-7.2		97447	504	1.810	2.020	-10.4		98111	503	0.530	0.580	-8.6	
96611	503	0.900	0.970	-7.2		97650	502	3.150	3.420	-7.9		98111	504	0.530	0.580	-8.6	
96611	504	0.900	0.970	-7.2		97650	503	3.150	3.420	-7.9		98152	502	2.520	2.800	-10.0	
96702	502	3.790	4.120	-8.0		97650	504	3.150	3.420	-7.9		98152	503	2.520	2.800	-10.0	
96702	503	3.790	4.120	-8.0		97651	502	5.350	5.960	-10.2		98152	504	2.520	2.800	-10.0	
96702	504	3.790	4.120	-8.0		97651	503	5.350	5.960	-10.2		98153	502	2.830	3.150	-10.2	
96816	502	3.560	3.870	-8.0		97651	504	5.350	5.960	-10.2		98153	503	2.830	3.150	-10.2	
96816	503	3.560	3.870	-8.0		97652	502	4.640	5.170	-10.3		98153	504	2.830	3.150	-10.2	
96816	504	3.560	3.870	-8.0		97652	503	4.640	5.170	-10.3		98154	502	3.340	3.720	-10.2	
96872	502	4.050	4.510	-10.2		97652	504	4.640	5.170	-10.3		98154	503	3.340	3.720	-10.2	
96872	503	4.050	4.510	-10.2		97653	502	2.690	2.920	-7.9		98154	504	3.340	3.720	-10.2	
96872	504	4.050	4.510	-10.2		97653	503	2.690	2.920	-7.9		98155	502	4.680	5.210	-10.2	
97047	502	2.730	2.960	-7.8		97653	504	2.690	2.920	-7.9		98155	503	4.680	5.210	-10.2	
97047	503	2.730	2.960	-7.8		97654	502	4.690	5.090	-7.9		98155	504	4.680	5.210	-10.2	
97047	504	2.730	2.960	-7.8		97654	503	4.690	5.090	-7.9		98157	502	2.990	3.330	-10.2	
97050	502	2.120	2.300	-7.8		97654	504	4.690	5.090	-7.9		98157	503	2.990	3.330	-10.2	
97050	503	2.120	2.300	-7.8		97655	502	4.130	4.600	-10.2		98157	504	2.990	3.330	-10.2	
97050	504	2.120	2.300	-7.8		97655	503	4.130	4.600	-10.2		98159	502	2.010	2.230	-9.9	
97111	502	4.550	4.940	-7.9		97655	504	4.130	4.600	-10.2		98159	503	2.010	2.230	-9.9	
97111	503	4.550	4.940	-7.9		98002	502	0.750	0.830	-9.6		98159	504	2.010	2.230	-9.9	

L - Lower Cap Applied
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STATE: 02 - ARIZONA
SUBLINE: PREM/OPS

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
98160	502	4.250	4.730	-10.1		98309	504	4.720	5.260	-10.3		98449	503	3.050	3.310	-7.9	
98160	503	4.250	4.730	-10.1		98344	502	0.610	0.660	-7.6		98449	504	3.050	3.310	-7.9	
98160	504	4.250	4.730	-10.1		98344	503	0.610	0.660	-7.6		98482	502	3.270	3.550	-7.9	
98161	502	4.760	5.300	-10.2		98344	504	0.610	0.660	-7.6		98482	503	3.270	3.550	-7.9	
98161	503	4.760	5.300	-10.2		98405	502	1.010	1.090	-7.3		98482	504	3.270	3.550	-7.9	
98161	504	4.760	5.300	-10.2		98405	503	1.010	1.090	-7.3		98483	502	4.830	5.240	-7.8	
98163	502	4.990	5.560	-10.3		98405	504	1.010	1.090	-7.3		98483	503	4.830	5.240	-7.8	
98163	503	4.990	5.560	-10.3		98413	502	12.400	13.500	-8.1		98483	504	4.830	5.240	-7.8	
98163	504	4.990	5.560	-10.3		98413	503	12.400	13.500	-8.1		98502	502	4.620	5.020	-8.0	
98164	502	1.760	1.950	-9.7		98413	504	12.400	13.500	-8.1		98502	503	4.620	5.020	-8.0	
98164	503	1.760	1.950	-9.7		98414	502	11.300	12.300	-8.1		98502	504	4.620	5.020	-8.0	
98164	504	1.760	1.950	-9.7		98414	503	11.300	12.300	-8.1		98555	502	2.150	2.340	-8.1	
98257	502	1.270	1.380	-8.0		98414	504	11.300	12.300	-8.1		98555	503	2.150	2.340	-8.1	
98257	503	1.270	1.380	-8.0		98415	502	1.490	1.620	-8.0		98555	504	2.150	2.340	-8.1	
98257	504	1.270	1.380	-8.0		98415	503	1.490	1.620	-8.0		98597	502	0.480	0.520	-7.7	
98303	502	9.400	10.500	-10.5		98415	504	1.490	1.620	-8.0		98597	503	0.480	0.520	-7.7	
98303	503	9.400	10.500	-10.5		98423	502	3.550	3.850	-7.8		98597	504	0.480	0.520	-7.7	
98303	504	9.400	10.500	-10.5		98423	503	3.550	3.850	-7.8		98598	502	0.166	0.180	-7.8	
98304	502	4.700	5.110	-8.0		98423	504	3.550	3.850	-7.8		98598	503	0.166	0.180	-7.8	
98304	503	4.700	5.110	-8.0		98424	502	6.010	6.530	-8.0		98598	504	0.166	0.180	-7.8	
98304	504	4.700	5.110	-8.0		98424	503	6.010	6.530	-8.0		98601	502	5.530	6.010	-8.0	
98305	502	2.190	2.380	-8.0		98424	504	6.010	6.530	-8.0		98601	503	5.530	6.010	-8.0	
98305	503	2.190	2.380	-8.0		98425	502	2.470	2.680	-7.8		98601	504	5.530	6.010	-8.0	
98305	504	2.190	2.380	-8.0		98425	503	2.470	2.680	-7.8		98624	502	0.870	0.940	-7.4	
98306	502	5.640	6.120	-7.8		98425	504	2.470	2.680	-7.8		98624	503	0.870	0.940	-7.4	
98306	503	5.640	6.120	-7.8		98426	502	2.180	2.370	-8.0		98624	504	0.870	0.940	-7.4	
98306	504	5.640	6.120	-7.8		98426	503	2.180	2.370	-8.0		98636	502	2.570	2.840	-9.5	
98307	502	1.490	1.620	-8.0		98426	504	2.180	2.370	-8.0		98636	503	2.570	2.840	-9.5	
98307	503	1.490	1.620	-8.0		98427	502	2.120	2.310	-8.2		98636	504	2.570	2.840	-9.5	
98307	504	1.490	1.620	-8.0		98427	503	2.120	2.310	-8.2		98640	502	95.400	104.000	-8.3	
98308	502	0.980	1.060	-7.5		98427	504	2.120	2.310	-8.2		98640	503	95.400	104.000	-8.3	
98308	503	0.980	1.060	-7.5		98429	502	0.980	1.100	-10.9		98640	504	95.400	104.000	-8.3	
98308	504	0.980	1.060	-7.5		98429	503	0.980	1.100	-10.9		98658	502	4.840	5.390	-10.2	
98309	502	4.720	5.260	-10.3		98429	504	0.980	1.100	-10.9		98658	503	4.840	5.390	-10.2	
98309	503	4.720	5.260	-10.3		98449	502	3.050	3.310	-7.9		98658	504	4.840	5.390	-10.2	

L - Lower Cap Applied
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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	502	0.860	0.960	-10.4		98820	504	7.530	8.180	-7.9		99220	503	1.300	1.450	-10.3	
98659	503	0.860	0.960	-10.4		98884	502	1.960	2.130	-8.0		99220	504	1.300	1.450	-10.3	
98659	504	0.860	0.960	-10.4		98884	503	1.960	2.130	-8.0		99222	502	2.440	2.720	-10.3	
98677	502	15.000	16.300	-8.0		98884	504	1.960	2.130	-8.0		99222	503	2.440	2.720	-10.3	
98677	503	15.000	16.300	-8.0		98914	502	0.590	0.660	-10.6		99222	504	2.440	2.720	-10.3	
98677	504	15.000	16.300	-8.0		98914	503	0.590	0.660	-10.6		99223	502	0.221	0.240	-7.9	
98678	502	13.400	14.500	-7.6		98914	504	0.590	0.660	-10.6		99223	503	0.221	0.240	-7.9	
98678	503	13.400	14.500	-7.6		98949	502	0.830	0.920	-9.8		99223	504	0.221	0.240	-7.9	
98678	504	13.400	14.500	-7.6		98949	503	0.830	0.920	-9.8		99303	502	12.000	13.100	-8.4	
98699	502	4.350	4.720	-7.8		98949	504	0.830	0.920	-9.8		99303	503	12.000	13.100	-8.4	
98699	503	4.350	4.720	-7.8		98967	502	3.080	3.340	-7.8		99303	504	12.000	13.100	-8.4	
98699	504	4.350	4.720	-7.8		98967	503	3.080	3.340	-7.8		99310	502	3.010	3.270	-8.0	
98705	502	6.840	7.620	-10.2		98967	504	3.080	3.340	-7.8		99310	503	3.010	3.270	-8.0	
98705	503	6.840	7.620	-10.2		98993	502	4.910	5.420	-9.4		99310	504	3.010	3.270	-8.0	
98705	504	6.840	7.620	-10.2		98993	503	4.910	5.420	-9.4		99315	502	8.840	9.600	-7.9	
98710	502	3.020	3.280	-7.9		98993	504	4.910	5.420	-9.4		99315	503	8.840	9.600	-7.9	
98710	503	3.020	3.280	-7.9		99003	502	1.460	1.590	-8.2		99315	504	8.840	9.600	-7.9	
98710	504	3.020	3.280	-7.9		99003	503	1.460	1.590	-8.2		99321	502	8.580	9.320	-7.9	
98751	502	3.660	4.070	-10.1		99003	504	1.460	1.590	-8.2		99321	503	8.580	9.320	-7.9	
98751	503	3.660	4.070	-10.1		99004	502	2.480	2.690	-7.8		99321	504	8.580	9.320	-7.9	
98751	504	3.660	4.070	-10.1		99004	503	2.480	2.690	-7.8		99471	502	0.590	0.660	-10.6	
98805	502	3.950	4.290	-7.9		99004	504	2.480	2.690	-7.8		99471	503	0.590	0.660	-10.6	
98805	503	3.950	4.290	-7.9		99080	502	1.030	1.120	-8.0		99471	504	0.590	0.660	-10.6	
98805	504	3.950	4.290	-7.9		99080	503	1.030	1.120	-8.0		99505	502	4.150	4.590	-9.6	
98806	502	2.390	2.640	-9.5		99080	504	1.030	1.120	-8.0		99505	503	4.150	4.590	-9.6	
98806	503	2.390	2.640	-9.5		99111	502	1.500	1.630	-8.0		99505	504	4.150	4.590	-9.6	
98806	504	2.390	2.640	-9.5		99111	503	1.500	1.630	-8.0		99506	502	5.110	5.650	-9.6	
98810	502	3.090	3.350	-7.8		99111	504	1.500	1.630	-8.0		99506	503	5.110	5.650	-9.6	
98810	503	3.090	3.350	-7.8		99163	502	3.590	3.900	-7.9		99506	504	5.110	5.650	-9.6	
98810	504	3.090	3.350	-7.8		99163	503	3.590	3.900	-7.9		99507	502	4.460	4.920	-9.3	
98813	502	2.980	3.240	-8.0		99163	504	3.590	3.900	-7.9		99507	503	4.460	4.920	-9.3	
98813	503	2.980	3.240	-8.0		99165	502	0.790	0.850	-7.1		99507	504	4.460	4.920	-9.3	
98813	504	2.980	3.240	-8.0		99165	503	0.790	0.850	-7.1		99570	502	2.390	2.640	-9.5	
98820	502	7.530	8.180	-7.9		99165	504	0.790	0.850	-7.1		99570	503	2.390	2.640	-9.5	
98820	503	7.530	8.180	-7.9		99220	502	1.300	1.450	-10.3		99570	504	2.390	2.640	-9.5	

L - Lower Cap Applied
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LOSS COST PERCENT CHANGE BY CLASS

Class	Terr	Proposed Loss Cost	Present Loss Cost	Percent Change	Capping Flag	Class	Terr	Proposed Loss Cost	Present Loss Cost	Percent Change	Capping Flag	Class	Terr	Proposed Loss Cost	Present Loss Cost	Percent Change	Capping Flag
99571	502	0.580	0.640	-9.4		99760	504	0.235	0.250	-6.0		99953	503	4.880	5.300	-7.9	
99571	503	0.580	0.640	-9.4		99777	502	5.350	5.810	-7.9		99953	504	4.880	5.300	-7.9	
99571	504	0.580	0.640	-9.4		99777	503	5.350	5.810	-7.9		99954	502	3.560	3.860	-7.8	
99572	502	1.130	1.250	-9.6		99777	504	5.350	5.810	-7.9		99954	503	3.560	3.860	-7.8	
99572	503	1.130	1.250	-9.6		99793	502	2.610	2.830	-7.8		99954	504	3.560	3.860	-7.8	
99572	504	1.130	1.250	-9.6		99793	503	2.610	2.830	-7.8		99955	502	4.450	4.830	-7.9	
99573	502	1.080	1.200	-10.0		99793	504	2.610	2.830	-7.8		99955	503	4.450	4.830	-7.9	
99573	503	1.080	1.200	-10.0		99826	502	0.610	0.660	-7.6		99955	504	4.450	4.830	-7.9	
99573	504	1.080	1.200	-10.0		99826	503	0.610	0.660	-7.6		99963	502	0.590	0.640	-7.8	
99600	502	1.080	1.170	-7.7		99826	504	0.610	0.660	-7.6		99963	503	0.590	0.640	-7.8	
99600	503	1.080	1.170	-7.7		99827	502	0.370	0.400	-7.5		99963	504	0.590	0.640	-7.8	
99600	504	1.080	1.170	-7.7		99827	503	0.370	0.400	-7.5		99969	502	2.360	2.630	-10.3	
99613	502	7.600	8.260	-8.0		99827	504	0.370	0.400	-7.5		99969	503	2.360	2.630	-10.3	
99613	503	7.600	8.260	-8.0		99851	502	1.520	1.650	-7.9		99969	504	2.360	2.630	-10.3	
99613	504	7.600	8.260	-8.0		99851	503	1.520	1.650	-7.9		99975	502	3.950	4.290	-7.9	
99614	502	2.410	2.610	-7.7		99851	504	1.520	1.650	-7.9		99975	503	3.950	4.290	-7.9	
99614	503	2.410	2.610	-7.7		99917	502	2.460	2.670	-7.9		99975	504	3.950	4.290	-7.9	
99614	504	2.410	2.610	-7.7		99917	503	2.460	2.670	-7.9		99988	502	2.080	2.320	-10.3	
99620	502	0.410	0.450	-8.9		99917	504	2.460	2.670	-7.9		99988	503	2.080	2.320	-10.3	
99620	503	0.410	0.450	-8.9		99938	502	2.760	3.000	-8.0		99988	504	2.080	2.320	-10.3	
99620	504	0.410	0.450	-8.9		99938	503	2.760	3.000	-8.0							
99650	502	1.130	1.250	-9.6		99938	504	2.760	3.000	-8.0							
99650	503	1.130	1.250	-9.6		99943	502	8.000	8.690	-7.9							
99650	504	1.130	1.250	-9.6		99943	503	8.000	8.690	-7.9							
99709	502	2.790	3.090	-9.7		99943	504	8.000	8.690	-7.9							
99709	503	2.790	3.090	-9.7		99946	502	5.960	6.470	-7.9							
99709	504	2.790	3.090	-9.7		99946	503	5.960	6.470	-7.9							
99718	502	1.210	1.320	-8.3		99946	504	5.960	6.470	-7.9							
99718	503	1.210	1.320	-8.3		99948	502	5.920	6.530	-9.3							
99718	504	1.210	1.320	-8.3		99948	503	5.920	6.530	-9.3							
99746	502	2.060	2.230	-7.6		99948	504	5.920	6.530	-9.3							
99746	503	2.060	2.230	-7.6		99952	502	4.530	4.910	-7.7							
99746	504	2.060	2.230	-7.6		99952	503	4.530	4.910	-7.7							
99760	502	0.235	0.250	-6.0		99952	504	4.530	4.910	-7.7							
99760	503	0.235	0.250	-6.0		99953	502	4.880	5.300	-7.9							

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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	0.167	0.189	-11.6		11259	0.140	0.112	+25.0	U	13759	0.102	0.129	-20.9	
10026	0.019	0.018	+5.6		11288	0.070	0.066	+6.1		13930	0.147	0.174	-15.5	
10040	0.320	0.320	0.0		12014	0.037	0.036	+2.8		14068	0.010	0.012	-16.7	
10042	0.320	0.440	-27.3		12356	0.027	0.035	-22.9		14101	0.041	0.042	-2.4	
10060	0.057	0.080	-28.7		12361	0.066	0.070	-5.7		14279	0.064	0.065	-1.5	
10065	0.045	0.036	+25.0	U	12373	0.022	0.023	-4.4		14401	0.091	0.103	-11.7	
10066	0.063	0.051	+23.5	U	12374	0.059	0.067	-11.9		14527	0.169	0.179	-5.6	
10070	0.134	0.151	-11.3		12375	0.041	0.033	+24.2		14855	0.110	0.133	-17.3	
10071	0.097	0.093	+4.3		12391	0.059	0.070	-15.7		14913	0.131	0.172	-23.8	
10073	0.440	0.510	-13.7		12509	0.026	0.031	-16.1		15223	0.039	0.044	-11.4	
10075	0.157	0.219	-28.3		12510	0.023	0.026	-11.5		15224	0.060	0.054	+11.1	
10100	0.052	0.056	-7.1		12651	0.450	0.510	-11.8		15406	0.056	0.053	+5.7	
10101	0.160	0.177	-9.6		12707	0.480	0.560	-14.3		15538	0.015	0.017	-11.8	
10107	0.225	0.260	-13.5		12797	0.177	0.194	-8.8		15600	0.085	0.107	-20.6	
10111	0.059	0.067	-11.9		12805	0.150	0.156	-3.8		15608	0.009	0.009	0.0	
10115	0.072	0.085	-15.3		13049	0.044	0.051	-13.7		15733	0.030	0.034	-11.8	
10140	0.020	0.022	-9.1		13111	0.080	0.092	-13.0		15839	0.024	0.025	-4.0	
10141	0.021	0.023	-8.7		13112	0.054	0.063	-14.3		15991	0.066	0.077	-14.3	
10145	0.008	0.007	+14.3	U	13201	0.123	0.144	-14.6		15993	0.042	0.046	-8.7	
10146	0.016	0.015	+6.7		13204	0.860	1.140	-24.6		16005	0.030	0.031	-3.2	
10255	0.140	0.151	-7.3		13205	0.340	0.420	-19.1		16009	0.111	0.106	+4.7	
10256	0.198	0.183	+8.2		13314	0.012	0.014	-14.3		16403	0.144	0.209	-31.1	
10257	0.146	0.148	-1.4		13351	0.051	0.050	+2.0		16527	0.270	0.320	-15.6	
10309	0.016	0.015	+6.7		13352	0.036	0.042	-14.3		16604	0.100	0.122	-18.0	
10352	0.053	0.051	+3.9		13410	1.660	2.350	-29.4		16676	0.013	0.013	0.0	
11020	0.180	0.160	+12.5		13412	1.190	1.210	-1.7		16705	0.113	0.131	-13.7	
11039	0.062	0.068	-8.8		13506	0.062	0.075	-17.3		16750	0.035	0.034	+2.9	
11126	0.023	0.024	-4.2		13507	0.143	0.160	-10.6		16900	0.073	0.091	-19.8	
11127	0.008	0.010	-20.0		13590	0.610	0.670	-9.0		16901	0.099	0.108	-8.3	
11128	0.065	0.072	-9.7		13621	0.340	0.330	+3.0		16902	0.055	0.048	+14.6	
11203	0.380	0.460	-17.4		13670	0.018	0.017	+5.9		16905	0.063	0.091	-30.8	
11204	1.300	1.480	-12.2		13673	0.014	0.012	+16.7		16906	0.090	0.108	-16.7	
11234	0.054	0.060	-10.0		13715	0.111	0.145	-23.5		16910	0.047	0.054	-13.0	
11248	0.013	0.016	-18.8		13716	0.096	0.101	-5.0		16911	0.046	0.052	-11.5	
11258	0.168	0.135	+24.4	U	13720	0.052	0.055	-5.5		16915	0.045	0.043	+4.7	

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SUBLINE: PRODUCTS/COMPLETED OPERATIONS

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	0.053	0.053	0.0		51116	0.640	0.690	-7.3		51666	0.085	0.089	-4.5	
16920	0.102	0.099	+3.0		51205	0.046	0.059	-22.0		51734	0.430	0.350	+22.9	U
16921	0.041	0.037	+10.8		51206	0.370	0.320	+15.6		51741	0.260	0.243	+7.0	
16930	0.127	0.135	-5.9		51220	1.480	1.900	-22.1		51752	0.141	0.150	-6.0	
16931	0.054	0.064	-15.6		51221	1.470	1.760	-16.5		51767	0.007	0.007	0.0	
16940	0.041	0.037	+10.8		51222	4.760	4.530	+5.1		51777	0.058	0.077	-24.7	
16941	0.072	0.064	+12.5		51224	1.170	1.490	-21.5		51808	0.530	0.680	-22.1	
18078	0.131	0.120	+9.2		51230	0.640	0.740	-13.5		51809	0.173	0.146	+18.5	
18109	0.027	0.033	-18.2		51240	0.215	0.196	+9.7		51833	0.051	0.054	-5.6	
18110	0.029	0.038	-23.7		51241	0.240	0.218	+10.1		51869	0.138	0.136	+1.5	
18205	0.390	0.380	+2.6		51252	0.061	0.074	-17.6		51877	0.156	0.191	-18.3	
18206	0.100	0.115	-13.0		51254	0.025	0.032	-21.9		51889	0.010	0.011	-9.1	
18335	0.015	0.018	-16.7		51300	0.127	0.147	-13.6		51896	0.017	0.017	0.0	
18435	0.058	0.050	+16.0		51305	0.760	0.880	-13.6		51900	0.098	0.100	-2.0	
18436	0.124	0.123	+0.8		51315	0.080	0.096	-16.7		51909	0.048	0.053	-9.4	
18501	0.013	0.011	+18.2		51330	0.820	0.660	+24.2	U	51926	0.041	0.044	-6.8	
18506	0.006	0.007	-14.3		51333	0.280	0.320	-12.5		51927	0.100	0.132	-24.2	
18507	0.007	0.008	-12.5		51350	0.115	0.127	-9.5		51934	0.082	0.107	-23.4	
18616	0.490	0.590	-17.0		51351	0.045	0.049	-8.2		51941	0.034	0.041	-17.1	
18707	0.006	0.005	+20.0	U	51352	0.090	0.101	-10.9		51956	0.140	0.205	-31.7	L
18708	0.020	0.020	0.0		51355	0.082	0.091	-9.9		51957	0.370	0.460	-19.6	
18834	0.103	0.129	-20.2		51356	0.470	0.560	-16.1		51958	0.310	0.370	-16.2	
18911	0.017	0.018	-5.6		51357	0.950	0.760	+25.0	U	51960	0.300	0.330	-9.1	
18912	0.027	0.037	-27.0		51358	0.111	0.129	-14.0		51970	0.138	0.177	-22.0	
18920	0.017	0.019	-10.5		51359	0.620	0.710	-12.7		51982	0.068	0.077	-11.7	
45771	0.131	0.139	-5.8		51370	2.690	3.830	-29.8		51986	0.082	0.096	-14.6	
45819	0.062	0.051	+21.6		51380	0.039	0.041	-4.9		51999	0.320	0.400	-20.0	
45900	0.043	0.036	+19.4		51500	0.145	0.116	+25.0	U	52002	0.104	0.114	-8.8	
45901	0.039	0.045	-13.3		51550	0.420	0.400	+5.0		52075	0.197	0.222	-11.3	
49239	0.360	0.460	-21.7		51551	0.830	0.890	-6.7		52134	0.560	0.600	-6.7	
49617	0.149	0.221	-32.6	L	51552	0.137	0.152	-9.9		52315	0.270	0.270	0.0	
49618	0.051	0.076	-32.9	L	51575	0.023	0.021	+9.5		52433	0.650	0.800	-18.8	
49619	0.111	0.113	-1.8		51576	0.101	0.097	+4.1		52469	0.085	0.096	-11.5	
50010	0.330	0.380	-13.2		51600	0.194	0.172	+12.8		52505	0.195	0.237	-17.7	
51001	0.380	0.420	-9.5		51613	0.141	0.139	+1.4		52547	0.058	0.070	-17.1	

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SUBLINE: PRODUCTS/COMPLETED OPERATIONS

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	1.800	2.190	-17.8		56391	0.250	0.300	-16.7		58397	0.450	0.650	-30.8	L
52744	0.052	0.066	-21.2		56427	0.107	0.119	-10.1		58503	0.080	0.077	+3.9	
52911	0.420	0.420	0.0		56488	0.042	0.038	+10.5		58575	0.098	0.111	-11.7	
52967	0.052	0.058	-10.3		56690	0.310	0.330	-6.1		58627	0.011	0.012	-8.3	
53001	0.241	0.300	-19.7		56699	0.078	0.067	+16.4		58663	0.650	0.950	-31.6	L
53077	0.204	0.219	-6.9		56758	0.123	0.140	-12.1		58737	0.490	0.550	-10.9	
53121	0.460	0.400	+15.0		56759	0.070	0.078	-10.3		58802	0.390	0.480	-18.8	
53333	0.249	0.248	+0.4		56760	0.087	0.099	-12.1		58837	0.155	0.161	-3.7	
53374	0.191	0.260	-26.5		56912	0.089	0.084	+6.0		58840	0.110	0.121	-9.1	
53375	0.310	0.270	+14.8		56916	0.260	0.215	+20.9	U	58873	0.021	0.027	-22.2	
53376	0.159	0.183	-13.1		57001	0.022	0.023	-4.3		58904	0.108	0.120	-10.0	
53377	0.172	0.188	-8.5		57002	0.080	0.096	-16.7		58922	0.189	0.179	+5.6	
53565	0.081	0.096	-15.6		57090	0.830	0.680	+22.1		59005	0.063	0.089	-29.2	
53631	0.019	0.021	-9.5		57146	0.640	0.750	-14.7		59188	0.047	0.052	-9.6	
53632	0.029	0.032	-9.4		57257	0.042	0.034	+23.5	U	59189	0.250	0.280	-10.7	
53732	0.450	0.470	-4.3		57401	0.079	0.089	-11.2		59223	0.128	0.103	+24.3	U
53733	0.177	0.228	-22.4		57403	0.030	0.033	-9.1		59257	0.011	0.012	-8.3	
53907	0.078	0.086	-9.3		57410	0.164	0.173	-5.2		59378	0.124	0.141	-12.1	
54077	0.360	0.390	-7.7		57572	0.094	0.099	-5.1		59481	0.096	0.096	0.0	
55010	0.760	0.980	-22.5		57600	0.030	0.033	-9.1		59537	0.219	0.232	-5.6	
55011	2.010	1.750	+14.9		57611	0.044	0.055	-20.0		59601	1.800	2.230	-19.3	
55012	0.920	1.110	-17.1		57651	0.037	0.039	-5.1		59647	0.141	0.158	-10.8	
55013	1.130	1.120	+0.9		57690	0.380	0.450	-15.6		59660	0.830	1.060	-21.7	
55214	0.075	0.083	-9.6		57716	0.080	0.074	+8.1		59701	0.380	0.330	+15.2	
55371	0.096	0.108	-11.1		57725	0.083	0.075	+10.7		59713	0.300	0.330	-9.1	
55597	1.450	1.680	-13.7		57726	0.025	0.023	+8.7		59722	0.023	0.028	-17.9	
55647	0.065	0.065	0.0		57810	0.090	0.100	-10.0		59723	0.030	0.034	-11.8	
55715	0.169	0.203	-16.8		57871	0.091	0.111	-18.0		59724	0.016	0.015	+6.7	
55716	0.410	0.490	-16.3		57913	0.206	0.260	-20.8		59725	0.126	0.145	-13.1	
55802	0.013	0.011	+18.2	U	57998	0.047	0.054	-13.0		59726	0.023	0.023	0.0	
55918	1.760	2.260	-22.1		57999	0.065	0.070	-7.1		59738	0.052	0.059	-11.9	
55919	2.950	3.420	-13.7		58095	1.220	1.790	-31.8	L	59750	0.141	0.181	-22.1	
56040	0.028	0.030	-6.7		58096	1.350	1.490	-9.4		59773	0.023	0.026	-11.5	
56202	0.063	0.078	-19.2		58301	0.086	0.077	+11.7		59774	0.127	0.141	-9.9	
56390	0.640	0.700	-8.6		58302	0.042	0.051	-17.7		59775	0.156	0.178	-12.4	

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SUBLINE: PRODUCTS/COMPLETED OPERATIONS

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	0.065	0.085	-23.5		91341	3.900	5.490	-29.0		96409	7.830	10.600	-26.1	
59782	0.620	0.560	+10.7		91342	3.600	4.030	-10.7		96410	8.240	10.200	-19.2	
59798	0.330	0.460	-28.3		91343	1.450	1.480	-2.0		96611	1.390	1.500	-7.3	
59886	0.087	0.100	-13.0		91436	2.100	2.280	-7.9		97221	1.140	1.030	+10.7	
59889	0.192	0.187	+2.7		91507	3.000	3.500	-14.3		97222	1.630	1.620	+0.6	
59904	0.088	0.076	+15.8		91551	0.690	0.690	0.0		97223	2.580	3.360	-23.2	
59905	0.112	0.120	-6.7		91555	0.970	1.000	-3.0		97447	5.100	6.080	-16.1	
59914	0.650	0.690	-5.8		91560	4.350	4.670	-6.9		97650	3.600	4.200	-14.3	
59915	0.530	0.660	-19.7		91577	3.150	3.650	-13.7		97651	4.350	4.400	-1.1	
59917	0.222	0.232	-4.3		91746	5.550	4.510	+23.1		97652	4.650	5.350	-13.1	
59923	0.006	0.005	+20.0	U	92053	0.680	0.590	+15.3		97653	3.000	3.140	-4.5	
59925	1.150	1.190	-3.4		92054	0.220	0.176	+25.0	U	97654	2.850	2.880	-1.0	
59926	0.460	0.460	0.0		92055	0.227	0.182	+24.7	U	97655	4.200	4.830	-13.0	
59927	1.100	1.300	-15.4		92101	3.000	3.200	-6.3		98002	0.940	0.970	-3.1	
59931	0.370	0.480	-22.9		92102	3.300	4.130	-20.1		98152	0.590	0.880	-33.0	L
59932	0.690	0.800	-13.8		92215	3.000	3.260	-8.0		98157	0.310	0.350	-11.4	
59947	0.260	0.300	-13.3		92338	1.950	2.500	-22.0		98163	0.179	0.175	+2.3	
59955	0.114	0.132	-13.6		92446	1.800	1.660	+8.4		98164	0.062	0.059	+5.1	
59963	0.320	0.370	-13.5		92447	1.480	1.650	-10.3		98303	5.980	7.080	-15.5	
59964	0.059	0.066	-10.6		92451	2.250	2.300	-2.2		98304	3.590	3.700	-3.0	
59970	0.147	0.169	-13.0		92478	1.650	1.710	-3.5		98305	1.790	2.060	-13.1	
59975	0.130	0.190	-31.6	L	94007	4.800	6.290	-23.7		98306	0.980	0.910	+7.7	
59984	0.041	0.049	-16.3		94276	4.200	4.740	-11.4		98307	0.540	0.440	+22.7	
59988	0.050	0.055	-9.1		94381	11.700	17.400	-32.8	L	98308	1.000	1.150	-13.0	
59989	0.037	0.041	-9.8		94404	4.350	6.490	-33.0	L	98309	2.190	2.560	-14.5	
91111	5.550	6.290	-11.8		94569	3.900	4.100	-4.9		98344	0.760	0.740	+2.7	
91125	1.710	1.660	+3.0		95124	1.180	0.950	+24.2	U	98449	25.500	26.600	-4.1	
91127	1.080	1.100	-1.8		95310	1.090	1.530	-28.8		98482	6.150	8.260	-25.5	
91150	5.100	5.940	-14.1		95410	2.700	3.050	-11.5		98483	15.000	21.000	-28.6	
91155	31.900	47.500	-32.8	L	95455	1.650	1.710	-3.5		98502	3.600	4.360	-17.4	
91235	2.100	2.460	-14.6		95505	2.100	2.490	-15.7		98636	3.450	3.460	-0.3	
91265	3.070	3.200	-4.1		95625	3.600	4.590	-21.6		98659	0.360	0.330	+9.1	
91266	0.820	1.110	-26.1		95647	5.550	4.930	+12.6		98677	9.890	12.000	-17.6	
91280	2.750	4.100	-32.9	L	96053	4.200	5.030	-16.5		98678	13.000	17.100	-24.0	
91340	7.490	9.570	-21.7		96408	11.000	13.200	-16.7		98805	1.380	1.510	-8.6	

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

LOSS COST PERCENT CHANGE BY CLASS

| | Proposed | Present | Percent | Capping | | Proposed | Present | Percent | Capping | | Proposed | Present | Percent | Capping |
Class	Loss Cost	Loss Cost	Change	Flag	Class	Loss Cost	Loss Cost	Change	Flag	Class	Loss Cost	Loss Cost	Change	Flag
98806	3.450	3.470	-0.6											
98813	1.990	1.940	+2.6											
98820	3.450	3.770	-8.5											
98884	2.100	2.210	-5.0											
98914	0.490	0.480	+2.1											
98949	0.280	0.260	+7.7											
98967	10.200	12.500	-18.4											
98993	3.330	3.380	-1.5											
99003	1.220	1.270	-3.9											
99004	1.500	1.740	-13.8											
99080	7.040	7.810	-9.9											
99163	0.360	0.370	-2.7											
99315	1.950	2.220	-12.2											
99321	2.250	2.510	-10.4											
99613	2.250	2.210	+1.8											
99650	1.000	1.060	-5.7											
99746	3.150	3.300	-4.5											
99803	8.110	12.100	-33.0	L										
99826	0.700	0.600	+16.7											
99827	0.620	0.540	+14.8											
99946	2.190	2.810	-22.1											
99948	19.900	27.100	-26.6											
99952	15.700	19.300	-18.7											
99953	9.570	10.900	-12.2											
99954	11.100	8.940	+24.2	U										
99955	8.700	6.960	+25.0	U										
99969	2.700	4.020	-32.8	L										

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

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

(1) ACCIDENT YEAR ENDING	(2) AGGREGATE LOSS COSTS AT CURRENT LEVEL (A)	(3) $100,000 BASIC LIMIT INCURRED LOSSES (B)	(4) YEAR WEIGHTS	(5) EXPERIENCE RATIO (3)/(2)	(6) NUMBER OF INCURRED OCCURRENCES
03/31/2018	$13,780,792	$12,970,992	0.25	0.941	364
03/31/2019	$15,012,578	$13,814,539	0.25	0.920	345
03/31/2020	$15,901,940	$12,686,377	0.25	0.798	314
03/31/2021	$15,469,968	$8,813,496	0.25	0.570	278

(7) WEIGHTED EXPERIENCE RATIO 0.807

(8) EXPECTED EXPERIENCE RATIO (SEE FOOTNOTE C) 1.005

(9) CREDIBILITY BASED ON LATEST FOUR YEARS NUMBER OF INCURRED
     OCCURRENCES (SEE EXPLANATORY PAGE C-13 - CREDIBILITY STANDARDS)... 0.45

(10) CREDIBILITY-WEIGHTED EXPERIENCE RATIO
     {(7) X (9)} + {(8) X {1.0 - (9)}}................................. 0.916

(11) INDICATED MONOLINE-MULTILINE LOSS COST LEVEL CHANGE
     {(10) - 1} X 100%.. - 8.4%

(12) INDICATED STATEWIDE MONOLINE CHANGE
     (SEE SECTION B - BASIC LIMIT RELATIVE CHANGE ANALYSIS)............ - 8.8%

(13) SELECTED STATEWIDE MONOLINE CHANGE................................. - 8.8%

(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 09/01/2022.
     FOR DETAILS, SEE SECTION C, EXHIBIT C1, PAGES 2 AND 3 - CALCULATION OF
     INCURRED LOSSES.

(C) THE EXPECTED EXPERIENCE RATIO IS THE NET TREND (1.005). THE NET TREND IS THE
     ANNUAL NET TREND FACTOR (1.005) TO AN EXPONENT (1.000), THE PERIOD FROM ONE
     YEAR BEYOND THE LAST REVIEW OR EFFECTIVE DATE (09/01/2022) TO ONE YEAR
     BEYOND THE ASSUMED EFFECTIVE DATE (09/01/2023).

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

(1) ACCIDENT YEAR ENDING	(2) AGGREGATE LOSS COSTS AT CURRENT LEVEL (A)	(3) $100,000 BASIC LIMIT INCURRED LOSSES (B)	(4) YEAR WEIGHTS	(5) EXPERIENCE RATIO (3)/(2)	(6) NUMBER OF INCURRED OCCURRENCES
03/31/2018	$20,708,774	$22,250,715	0.25	1.074	656
03/31/2019	$21,982,805	$22,343,403	0.25	1.016	688
03/31/2020	$21,611,074	$24,110,362	0.25	1.116	628
03/31/2021	$19,780,047	$15,452,028	0.25	0.781	434

(7) WEIGHTED EXPERIENCE RATIO 0.997

(8) EXPECTED EXPERIENCE RATIO (SEE FOOTNOTE C) 1.040

(9) CREDIBILITY BASED ON LATEST FOUR YEARS NUMBER OF INCURRED
    OCCURRENCES (SEE EXPLANATORY PAGE C-13 - CREDIBILITY STANDARDS)...   0.63

(10) CREDIBILITY-WEIGHTED EXPERIENCE RATIO
    {(7) X (9)} + {(8) X {1.0 - (9)}}................................   1.013

(11) INDICATED MONOLINE-MULTILINE LOSS COST LEVEL CHANGE
    {(10) - 1} X 100%...   + 1.3%

(12) INDICATED STATEWIDE MONOLINE CHANGE
    (SEE SECTION B - BASIC LIMIT RELATIVE CHANGE ANALYSIS)...........   + 5.9%

(13) SELECTED STATEWIDE MONOLINE CHANGE...............................   + 5.9%

(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 09/01/2022.
    FOR DETAILS, SEE SECTION C, EXHIBIT C1, PAGES 5 AND 6 - CALCULATION OF
    INCURRED LOSSES.

(C) THE EXPECTED EXPERIENCE RATIO IS THE NET TREND (1.040). THE NET TREND IS THE
    ANNUAL NET TREND FACTOR (1.040) TO AN EXPONENT (1.000), THE PERIOD FROM ONE
    YEAR BEYOND THE LAST REVIEW OR EFFECTIVE DATE (09/01/2022) TO ONE YEAR
    BEYOND THE ASSUMED EFFECTIVE DATE (09/01/2023).

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

(1)	(2)	(3)	(4)	(5)	(6)
	MULTISTATE	MULTISTATE			
ACCIDENT	AGGREGATE LOSS	$100,000 BASIC		EXPERIENCE	NUMBER OF
YEAR	COSTS AT CURRENT	LIMIT INCURRED	YEAR	RATIO	INCURRED
ENDING	LEVEL (A)	LOSSES (B)	WEIGHTS	(3)/(2)	OCCURRENCES
12/31/2017	$121,492,155	$125,424,587	0.25	1.032	2,209
12/31/2018	$119,342,238	$111,073,386	0.25	0.931	2,055
12/31/2019	$121,915,968	$103,364,419	0.25	0.848	1,877
12/31/2020	$115,353,065	$84,398,850	0.25	0.732	1,659

(7) WEIGHTED EXPERIENCE RATIO 0.886

(8) INDICATED MULTISTATE MONOLINE-MULTILINE LOSS COST LEVEL CHANGE
     {(7) - 1} X 100%... - 11.4%

(9) INDICATED MULTISTATE MONOLINE CHANGE
     (SEE SECTION B - BASIC LIMIT RELATIVE CHANGE ANALYSIS)............ - 12.1%

(10) INDICATED STATEWIDE MONOLINE CHANGE (C)
      (SEE SECTION B - BASIC LIMIT RELATIVE CHANGE ANALYSIS)............   - 4.1%

(11) SELECTED STATEWIDE MONOLINE CHANGE................................   - 4.1%

(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
     07/01/2022.

(C) THE INDICATED STATEWIDE PRODUCTS CHANGE IS CALCULATED BY DETERMINING THE
     EFFECT, ON STATEWIDE LOSS COST LEVELS, OF IMPLEMENTING THE INDICATED MULTISTATE
     LOSS COSTS. THE DIFFERENCE BETWEEN THE INDICATED MULTISTATE CHANGE AND THE
     INDICATED STATEWIDE CHANGE IS A RESULT OF A DIFFERENCE IN THE DISTRIBUTION OF
     RISKS BY CLASS IN THIS JURISDICTION VERSUS THE MULTISTATE.(SEE SECTION A -
     PRODUCTS CLASS GROUP LOSS COST LEVEL CHANGE).

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

(1) ACCIDENT YEAR ENDING	(2) MULTISTATE AGGREGATE LOSS COSTS AT CURRENT LEVEL (A)	(3) MULTISTATE $100,000 BASIC LIMIT INCURRED LOSSES (B)	(4) YEAR WEIGHTS	(5) EXPERIENCE RATIO (3)/(2)	(6) NUMBER OF INCURRED OCCURRENCES
12/31/2017	$401,819,368	$367,138,410	0.25	0.914	6,453
12/31/2018	$439,534,713	$391,661,116	0.25	0.891	6,877
12/31/2019	$442,021,669	$393,462,239	0.25	0.890	6,731
12/31/2020	$412,867,145	$337,041,785	0.25	0.816	5,617

(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)............   - 9.6%

(10) INDICATED STATEWIDE MONOLINE CHANGE (C)
      (SEE SECTION B - BASIC LIMIT RELATIVE CHANGE ANALYSIS)............   - 13.3%

(11) SELECTED STATEWIDE MONOLINE CHANGE.................................   - 13.3%

(A) THESE ARE CALCULATED BY SUMMING OVER THE STATES THE PRODUCTS OF STATE-
     REPORTED EXPOSURES, EXPOSURE TREND AND DEVELOPMENT, AND STATE $100,000
     BASIC LIMIT LOSS COSTS AT CURRENT ISO LEVEL. FOR DETAILS, SEE SECTION C,
     EXHIBIT C16 - CALCULATION OF AGGREGATE LOSS COSTS AT CURRENT LEVEL.

(B) INCLUDING ALL LOSS ADJUSTMENT EXPENSE AND DEVELOPED TO AN ULTIMATE
     BASIS. IN ADDITION, ACCIDENT YEAR LOSSES HAVE BEEN TRENDED FROM THE
     AVERAGE DATE OF COVERAGE TO ONE YEAR BEYOND AN ASSUMED EFFECTIVE DATE OF
     07/01/2022.

(C) THE INDICATED STATEWIDE MONOLINE CHANGE IS CALCULATED BASED ON THE INDICATED
     MULTISTATE MONOLINE CHANGE.

ARIZONA
MANUFACTURERS AND CONTRACTORS
BASIC LIMIT RELATIVE CHANGE ANALYSIS

	(1) BAILEY FORMULA RELATIV.	(2) CREDIBILITY Z	(3) Z-WTD RELATIV.	(4) BALANCED RELATIV.	STATEWIDE COVERAGE INDICATION OF - 8.4%
TOP					
10	0.986	0.175	0.997	0.996	
33	4.349	0.037	1.055	1.053	
34	0.951	0.060	0.997	0.995	
35	0.687	0.025	0.991	0.989	
36	0.907	0.104	0.990	0.988	
37	1.066	0.065	1.004	1.002	
38	1.037	0.198	1.007	1.005	

CLASS GROUP					(5) INDICATED MONOLINE CHANGE
30	1.046	0.102	1.005	0.999	- 8.8%
31	1.182	0.133	1.022	1.017	- 7.2%
32	1.119	0.189	1.022	1.016	- 7.3%
33	0.951	0.081	0.996	0.991	- 9.6%
34	1.054	0.098	1.005	1.000	- 8.8%
35	0.856	0.030	0.995	0.990	- 9.7%
36	0.471	0.048	0.965	0.960	- 12.5%
37	0.255	0.033	0.956	0.951	- 13.3%
38	0.755	0.078	0.978	0.973	- 11.2%

OVERALL MONOLINE CHANGE *   - 8.8%

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

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

		(1) FISCAL A.Y.E. 3/31/2021 AGGREGATE LOSS COSTS AT CURRENT LEVEL	(2) FISCAL 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.
TYPE OF POLICY	CLASS GROUP						
10 MONOLINE	30 SERVICE	$615,801	$3,016,296	0.818	1.034	64	0.995
	31 LIGHT CONTRACTING	$867,085	$3,079,888	0.881	1.114	113	1.013
	32 MEDIUM CONTRCTING	$2,395,760	$11,090,382	0.781	0.987	263	1.012
	33 HEAVY CONTRACTING	$747,967	$2,939,433	1.025	1.296	31	0.987
	34 DEALER OR DISTRIB	$227,888	$1,110,541	0.807	1.020	23	0.996
	35 LGT. MANUFACTURER	$30,836	$106,725	4.079	5.157	6	0.986
	36 MED. MANUFACTURER	$168,843	$1,619,175	0.212	0.268	14	0.956
	37 HVY. MANUFACTURER	$124,137	$479,084	0.172	0.217	3	0.947
	38 MISC. OPERATION	$381,760	$2,263,743	0.507	0.641	34	0.969
	TOTAL *	$5,560,075	$25,705,268	0.803		551	
33 MULT OFFICE	31 LIGHT CONTRACTING	$3,339	$44,281	0.000	0.000	0	1.071
	32 MEDIUM CONTRCTING	$4,163	$23,187	0.462	0.584	1	1.070
	33 HEAVY CONTRACTING	$23,239	$157,176	7.016	8.870	10	1.044
	38 MISC. OPERATION	$62,516	$364,865	1.650	2.086	13	1.025
	TOTAL *	$93,256	$589,509	2.875		24	
34 MULT MERCANTILE	30 SERVICE	$56,110	$413,033	0.380	0.480	6	0.994
	32 MEDIUM CONTRCTING	$51,084	$203,815	0.730	0.923	4	1.011
	34 DEALER OR DISTRIB	$415,774	$2,079,163	0.904	1.143	50	0.995
	38 MISC. OPERATION	$40,626	$151,469	0.144	0.182	4	0.968
	TOTAL *	$563,594	$2,847,479	0.781		64	
35 MULT INSTITUT.	31 LIGHT CONTRACTING	$6,289	$24,045	3.636	4.597	3	1.006
	32 MEDIUM CONTRCTING	$60,668	$376,334	0.298	0.377	8	1.005
	TOTAL *	$66,957	$400,380	0.612		11	
36 MULT SERVICES	30 SERVICE	$65,175	$414,784	1.428	1.805	14	0.987
	31 LIGHT CONTRACTING	$71,180	$393,369	0.225	0.284	18	1.005
	32 MEDIUM CONTRCTING	$184,773	$796,408	0.550	0.695	16	1.004
	33 HEAVY CONTRACTING	$9,388	$55,304	1.577	1.994	2	0.979
	34 DEALER OR DISTRIB	$591,632	$2,627,872	0.706	0.893	96	0.988
	36 MED. MANUFACTURER	$10,216	$60,770	0.000	0.000	0	0.948
	38 MISC. OPERATION	$387,462	$1,525,023	0.727	0.919	49	0.961
	TOTAL *	$1,319,827	$5,873,531	0.701		195	

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

		(1) FISCAL A.Y.E. 3/31/2021 AGGREGATE LOSS COSTS AT CURRENT LEVEL	(2) FISCAL 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.
TYPE OF POLICY	CLASS GROUP						
37 MULT INDUST/PROC.	31 LIGHT CONTRACTING	$531	$2,514	0.000	0.000	0	1.019
	32 MEDIUM CONTRCTING	$188,300	$831,156	1.322	1.671	9	1.018
	33 HEAVY CONTRACTING	$25,827	$118,648	0.127	0.161	2	0.993
	34 DEALER OR DISTRIB	$48,683	$339,524	0.623	0.788	4	1.002
	35 LGT. MANUFACTURER	$162,669	$629,932	0.075	0.095	10	0.992
	36 MED. MANUFACTURER	$843,873	$3,990,257	0.432	0.546	27	0.962
	37 HVY. MANUFACTURER	$688,336	$3,114,941	0.220	0.278	17	0.953
	38 MISC. OPERATION	$10,346	$76,228	3.708	4.688	8	0.975
	TOTAL *	$1,968,566	$9,103,200	0.431		77	
38 MULT CONTRACTORS	30 SERVICE	$967,630	$4,665,309	0.834	1.054	105	1.004
	31 LIGHT CONTRACTING	$860,015	$4,520,379	1.057	1.336	184	1.022
	32 MEDIUM CONTRCTING	$3,007,057	$14,005,113	0.996	1.259	345	1.021
	33 HEAVY CONTRACTING	$1,071,586	$5,192,654	0.510	0.645	72	0.996
	38 MISC. OPERATION	$14,644	$223,156	0.907	1.147	2	0.978
	TOTAL *	$5,920,932	$28,606,611	0.890		708	
TOTAL ALL TOP	30 SERVICE	$1,704,715	$8,509,422	0.836		189	
	31 LIGHT CONTRACTING	$1,808,439	$8,064,478	0.947		318	
	32 MEDIUM CONTRCTING	$5,891,806	$27,326,395	0.895		646	
	33 HEAVY CONTRACTING	$1,878,007	$8,463,215	0.796		117	
	34 DEALER OR DISTRIB	$1,283,977	$6,157,100	0.785		173	
	35 LGT. MANUFACTURER	$193,505	$736,656	0.713		16	
	36 MED. MANUFACTURER	$1,022,932	$5,670,202	0.391		41	
	37 HVY. MANUFACTURER	$812,473	$3,594,025	0.213		20	
	38 MISC. OPERATION	$897,354	$4,604,485	0.709		110	
	TOTAL *	$15,493,208	$73,125,977	0.791		1,630	

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

ARIZONA
OWNERS, LANDLORDS AND TENANTS
BASIC LIMIT RELATIVE CHANGE ANALYSIS

| | (1) | (2) | (3) | (4) | STATEWIDE COVERAGE |
| | BAILEY FORMULA | CREDIBILITY | Z-WTD | BALANCED | INDICATION OF |
TOP	RELATIV.	Z	RELATIV.	RELATIV.	+ 1.3%
10	1.216	0.267	1.054	1.049	
31	0.759	0.093	0.975	0.970	
32	1.600	0.121	1.059	1.054	
33	0.975	0.142	0.996	0.992	
34	0.862	0.179	0.974	0.969	
35	0.607	0.095	0.954	0.949	
36	0.671	0.121	0.953	0.949	

CLASS GROUP					(5) INDICATED MONOLINE CHANGE
01	0.961	0.048	0.998	1.001	+ 6.5%
02	0.717	0.151	0.951	0.953	+ 1.3%
03	0.538	0.120	0.928	0.931	− 1.0%
04	0.268	0.022	0.971	0.974	+ 3.5%
05	1.342	0.039	1.012	1.014	+ 6.8%
06	0.473	0.055	0.959	0.962	+ 2.8%
07	1.553	0.158	1.072	1.075	+ 13.4%
08	1.356	0.038	1.012	1.014	+ 8.0%
09	1.078	0.129	1.010	1.012	+ 7.5%
10	0.857	0.108	0.984	0.986	+ 4.7%
11	1.021	0.139	1.003	1.006	+ 6.8%
12	0.901	0.220	0.977	0.980	+ 4.8%
13	1.587	0.056	1.026	1.029	+ 9.7%
16	0.000	0.000	1.000	1.003	+ 4.6%

OVERALL MONOLINE CHANGE *   + 5.9%

* 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.

ARIZONA
OWNERS, LANDLORDS AND TENANTS
BASIC LIMIT RELATIVE CHANGE ANALYSIS

	(1) BAILEY FORMULA	(2) CREDIBILITY	(3) Z-WTD	(4) BALANCED	(5) INDICATED MONOLINE
TERRITORY	RELATIV.	Z	RELATIV.	RELATIV.	CHANGE
502	1.083	0.296	1.024	1.022	+ 7.4%
503	0.878	0.146	0.981	0.979	+ 3.8%
504	0.936	0.248	0.984	0.982	+ 4.7%

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

TERRITORY   ALL

		(1) FISCAL A.Y.E. 3/31/2021 AGGREGATE LOSS COSTS AT CURRENT LEVEL	(2) FISCAL 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.
TYPE OF POLICY	CLASS GROUP						
10 MONOLINE	01 FOOD&BEV.(RETAIL)	$23,077	$188,557	0.253		9	
	02 RESTAURANTS	$490,330	$3,248,228	1.066		133	
	03 STORES	$197,816	$2,465,485	0.746		147	
	04 VENDING & RENTAL	$13,821	$95,441	0.041		1	
	05 FOOD & BEV. DIST.	$38,028	$402,800	0.529		10	
	06 NON-FOOD&BEV.DIST	$142,184	$522,637	0.111		14	
	07 CLUBS,AMSMT&SPRTS	$1,307,894	$5,654,830	2.269		271	
	08 HEALTH CARE FACIL	$191,859	$765,308	1.857		17	
	09 HOTELS AND MOTELS	$260,132	$2,692,925	1.410		133	
	10 SCHLS & CHURCHES	$1,038,265	$4,528,984	0.954		80	
	11 APARTMENTS	$1,250,748	$7,416,803	1.230		129	
	12 BUILDINGS&OFFICES	$1,974,111	$11,120,376	1.092		320	
	13 MISC. PREMISES	$102,715	$766,390	0.768		21	
	16 GOVT SUBDIVISIONS	$2,115	$3,276	0.000		0	
	TOTAL *	$7,033,095	$39,872,040	1.304		1,285	
31 MULT MOTEL/HOTEL	09 HOTELS AND MOTELS	$826,698	$4,464,595	0.851		155	
	TOTAL *	$826,698	$4,464,595	0.851		155	
32 MULT APARTMENT	11 APARTMENTS	$1,135,312	$5,458,372	1.752		218	
	12 BUILDINGS&OFFICES	473,912	1,530,031	1.375		46	
	TOTAL *	$1,609,224	$6,988,403	1.641		264	
33 MULT OFFICE	12 BUILDINGS&OFFICES	$2,438,853	$12,998,426	0.954		363	
	13 MISC. PREMISES	29,322	170,602	0.009		1	
	TOTAL *	$2,468,175	$13,169,029	0.943		364	
34 MULT MERCANTILE	01 FOOD&BEV.(RETAIL)	$294,968	$1,414,157	0.942		32	
	02 RESTAURANTS	$1,952,046	$10,156,071	0.598		280	
	03 STORES	$887,733	$3,551,445	0.505		102	
	04 VENDING & RENTAL	$4,984	$51,272	2.000		4	
	05 FOOD & BEV. DIST.	$175,073	$1,021,244	1.411		18	
	06 NON-FOOD&BEV.DIST	$350,944	$1,801,550	0.633		41	
	12 BUILDINGS&OFFICES	$546,770	$4,382,410	0.655		99	
	TOTAL *	$4,212,518	$22,378,150	0.648		576	
35 MULT INSTITUT.	07 CLUBS,AMSMT&SPRTS	$386,328	$1,203,353	0.664		26	
	08 HEALTH CARE FACIL	$227,509	$977,965	0.732		9	
	10 SCHLS & CHURCHES	$1,007,531	$4,565,486	0.664		128	
	12 BUILDINGS&OFFICES	$1,014	$5,140	0.000		0	
	13 MISC. PREMISES	$1,711	$3,307	0.000		0	
	16 GOVT SUBDIVISIONS	$0	$24,185	0.000		0	
	TOTAL *	$1,624,093	$6,779,436	0.672		163	

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

TERRITORY   ALL

TYPE OF POLICY	CLASS GROUP	(1) FISCAL A.Y.E. 3/31/2021 AGGREGATE LOSS COSTS AT CURRENT LEVEL	(2) FISCAL 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.
36 MULT SERVICES	03 STORES	$150,965	$613,177	0.156		11	
	04 VENDING & RENTAL	$50,775	$223,874	0.096		4	
	07 CLUBS,AMSMT&SPRTS	$1,485,934	$7,228,582	0.807		153	
	08 HEALTH CARE FACIL	$365	$3,051	0.000		0	
	09 HOTELS AND MOTELS	$72,150	$367,269	0.402		12	
	10 SCHLS & CHURCHES	$2,125	$16,137	2.338		1	
	12 BUILDINGS&OFFICES	$218,824	$1,121,587	1.779		47	
	13 MISC. PREMISES	$114,519	$801,654	2.682		35	
	TOTAL *	$2,095,656	$10,375,331	0.934		263	
TOTAL ALL TOP	01 FOOD&BEV.(RETAIL)	$318,045	$1,602,714	0.892		41	
	02 RESTAURANTS	$2,442,376	$13,404,299	0.692		413	
	03 STORES	$1,236,514	$6,630,106	0.501		260	
	04 VENDING & RENTAL	$69,580	$370,588	0.221		9	
	05 FOOD & BEV. DIST.	$213,100	$1,424,044	1.253		28	
	06 NON-FOOD&BEV.DIST	$493,128	$2,324,188	0.483		55	
	07 CLUBS,AMSMT&SPRTS	$3,180,156	$14,086,765	1.391		450	
	08 HEALTH CARE FACIL	$419,733	$1,746,325	1.246		26	
	09 HOTELS AND MOTELS	$1,158,980	$7,524,789	0.948		300	
	10 SCHLS & CHURCHES	$2,047,921	$9,110,606	0.813		209	
	11 APARTMENTS	$2,386,060	$12,875,175	1.479		347	
	12 BUILDINGS&OFFICES	$5,653,485	$31,157,971	1.041		875	
	13 MISC. PREMISES	$248,267	$1,741,953	1.556		57	
	16 GOVT SUBDIVISIONS	$2,115	$27,462	0.000		0	
	TOTAL *	$19,869,459	$104,026,984	1.038		3,070	

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

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

TERRITORY   502

TYPE OF POLICY	CLASS GROUP	(1) FISCAL A.Y.E. 3/31/2021 AGGREGATE LOSS COSTS AT CURRENT LEVEL	(2) FISCAL 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	01 FOOD&BEV.(RETAIL)	$15,272	$70,949	0.072	0.069	2	1.073
	02 RESTAURANTS	$211,327	$1,266,831	1.269	1.223	70	1.022
	03 STORES	$73,159	$1,216,469	1.021	0.983	82	0.998
	04 VENDING & RENTAL	$5,932	$66,258	0.000	0.000	0	1.044
	05 FOOD & BEV. DIST.	$20,249	$287,976	0.015	0.014	5	1.087
	06 NON-FOOD&BEV.DIST	$75,151	$289,502	0.168	0.162	11	1.031
	07 CLUBS,AMSMT&SPRTS	$353,696	$1,522,077	5.786	5.575	168	1.152
	08 HEALTH CARE FACIL	$100,859	$398,752	0.963	0.928	6	1.087
	09 HOTELS AND MOTELS	$93,253	$908,572	1.623	1.563	69	1.085
	10 SCHLS & CHURCHES	$514,476	$2,454,454	1.165	1.123	52	1.057
	11 APARTMENTS	$559,653	$4,108,512	1.078	1.039	84	1.078
	12 BUILDINGS&OFFICES	$1,359,342	$7,655,516	1.026	0.989	199	1.050
	13 MISC. PREMISES	$67,173	$480,549	0.776	0.747	13	1.103
	TOTAL *	$3,449,540	$20,726,415	1.537		761	
31 MULT MOTEL/HOTEL	09 HOTELS AND MOTELS	$402,393	$2,215,821	0.677	0.652	80	1.003
	TOTAL *	$402,393	$2,215,821	0.677		80	
32 MULT APARTMENT	11 APARTMENTS	$551,983	$2,690,859	2.071	1.995	112	1.083
	12 BUILDINGS&OFFICES	$231,240	$847,474	1.537	1.481	33	1.055
	TOTAL *	$783,224	$3,538,333	1.913		145	
33 MULT OFFICE	12 BUILDINGS&OFFICES	$1,585,306	$8,658,642	0.837	0.806	204	0.993
	13 MISC. PREMISES	$22,306	$128,519	0.000	0.000	0	1.043
	TOTAL *	$1,607,612	$8,787,160	0.825		204	
34 MULT MERCANTILE	01 FOOD&BEV.(RETAIL)	$144,055	$577,449	1.500	1.445	17	0.991
	02 RESTAURANTS	$900,741	$5,006,963	0.693	0.668	143	0.944
	03 STORES	$480,633	$1,937,574	0.253	0.243	38	0.922
	04 VENDING & RENTAL	$3,781	$26,277	0.000	0.000	0	0.964
	05 FOOD & BEV. DIST.	$30,612	$271,004	1.045	1.007	5	1.004
	06 NON-FOOD&BEV.DIST	$216,678	$1,158,887	0.687	0.662	29	0.953
	12 BUILDINGS&OFFICES	$267,531	$2,742,206	0.435	0.419	43	0.970
	TOTAL *	$2,044,029	$11,720,360	0.616		275	
35 MULT INSTITUT.	07 CLUBS,AMSMT&SPRTS	$29,371	$56,811	1.288	1.241	2	1.042
	08 HEALTH CARE FACIL	$116,096	$444,863	0.241	0.232	0	0.983
	10 SCHLS & CHURCHES	$399,323	$1,845,095	0.466	0.449	35	0.956
	12 BUILDINGS&OFFICES	$385	$1,980	0.000	0.000	0	0.950
	TOTAL *	$545,175	$2,348,749	0.462		37	

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

TERRITORY   502

		(1) FISCAL A.Y.E. 3/31/2021 AGGREGATE LOSS COSTS AT CURRENT	(2) FISCAL A.Y.E. 2017 - 2021 AGGREGATE LOSS COSTS AT	(3) FIVE YEAR EXPERIENCE	(4)	(5) NUMBER OF	(6) BAL CELL
TYPE OF POLICY	CLASS GROUP	LEVEL	CURRENT LEVEL	RATIO	RELATIV.	OCCURRENCES	RELATIV.
36 MULT SERVICES	03 STORES	$41,223	$131,165	0.048	0.046	1	0.903
	04 VENDING & RENTAL	$23,577	$103,510	0.175	0.168	3	0.945
	07 CLUBS,AMSMT&SPRTS	$516,627	$2,444,791	0.621	0.598	37	1.042
	08 HEALTH CARE FACIL	$365	$2,948	0.000	0.000	0	0.983
	09 HOTELS AND MOTELS	$18,552	$80,726	0.482	0.465	1	0.981
	10 SCHLS & CHURCHES	$1,501	$9,105	0.000	0.000	0	0.956
	12 BUILDINGS&OFFICES	$114,033	$643,953	2.171	2.092	24	0.950
	13 MISC. PREMISES	$49,666	$448,494	1.204	1.160	10	0.998
	TOTAL *	$765,543	$3,864,691	0.840		76	
TOTAL ALL TOP	01 FOOD&BEV.(RETAIL)	$159,326	$648,398	1.363		19	
	02 RESTAURANTS	$1,112,068	$6,273,794	0.802		213	
	03 STORES	$595,015	$3,285,208	0.333		121	
	04 VENDING & RENTAL	$33,289	$196,044	0.124		3	
	05 FOOD & BEV. DIST.	$50,861	$558,980	0.635		10	
	06 NON-FOOD&BEV.DIST	$291,829	$1,448,389	0.554		40	
	07 CLUBS,AMSMT&SPRTS	$899,695	$4,023,680	2.673		207	
	08 HEALTH CARE FACIL	$217,320	$846,562	0.576		6	
	09 HOTELS AND MOTELS	$514,197	$3,205,119	0.841		150	
	10 SCHLS & CHURCHES	$915,299	$4,308,653	0.858		87	
	11 APARTMENTS	$1,111,636	$6,799,371	1.571		196	
	12 BUILDINGS&OFFICES	$3,557,836	$20,549,769	0.967		503	
	13 MISC. PREMISES	$139,144	$1,057,561	0.804		23	
	TOTAL *	$9,597,516	$53,201,529	1.100		1,578	

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

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

TERRITORY   503

		(1) FISCAL A.Y.E. 3/31/2021 AGGREGATE LOSS COSTS AT CURRENT LEVEL	(2) FISCAL 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.
TYPE OF POLICY	CLASS GROUP						
10 MONOLINE	01 FOOD&BEV.(RETAIL)	$945	$25,516	0.000	0.000	0	1.028
	02 RESTAURANTS	$43,995	$253,887	2.769	2.667	21	0.979
	03 STORES	$32,227	$134,650	0.536	0.517	11	0.956
	04 VENDING & RENTAL	$1,304	$3,743	0.000	0.000	0	1.000
	05 FOOD & BEV. DIST.	$24	$7,969	0.000	0.000	0	1.041
	06 NON-FOOD&BEV.DIST	$3,422	$38,671	0.487	0.469	2	0.988
	07 CLUBS,AMSMT&SPRTS	$109,318	$864,917	1.176	1.133	23	1.104
	08 HEALTH CARE FACIL	$51,518	$188,286	2.739	2.639	6	1.041
	09 HOTELS AND MOTELS	$87,738	$1,044,236	1.315	1.267	36	1.039
	10 SCHLS & CHURCHES	$130,242	$454,064	0.349	0.336	6	1.013
	11 APARTMENTS	$233,415	$1,224,916	0.452	0.436	12	1.033
	12 BUILDINGS&OFFICES	$240,554	$1,152,306	1.319	1.271	45	1.007
	13 MISC. PREMISES	$19,405	$101,723	0.120	0.115	2	1.057
	TOTAL *	$954,108	$5,494,885	1.044		164	
31 MULT MOTEL/HOTEL	09 HOTELS AND MOTELS	$87,975	$470,869	0.989	0.953	23	0.961
	TOTAL *	$87,975	$470,869	0.989		23	
32 MULT APARTMENT	11 APARTMENTS	$107,384	$507,333	1.402	1.351	11	1.038
	12 BUILDINGS&OFFICES	$46,591	$171,139	2.137	2.059	4	1.011
	TOTAL *	$153,974	$678,472	1.625		15	
33 MULT OFFICE	12 BUILDINGS&OFFICES	$305,352	$1,588,652	0.757	0.729	39	0.952
	13 MISC. PREMISES	$2,819	$20,272	0.094	0.090	1	0.999
	TOTAL *	$308,171	$1,608,924	0.751		40	
34 MULT MERCANTILE	01 FOOD&BEV.(RETAIL)	$19,180	$94,821	0.710	0.684	1	0.950
	02 RESTAURANTS	$212,029	$1,145,119	0.947	0.913	49	0.904
	03 STORES	$36,123	$189,222	1.497	1.442	18	0.883
	04 VENDING & RENTAL	$647	$6,650	7.327	7.058	2	0.924
	05 FOOD & BEV. DIST.	$7,330	$55,760	0.288	0.277	3	0.962
	06 NON-FOOD&BEV.DIST	$17,624	$107,363	0.118	0.113	4	0.913
	12 BUILDINGS&OFFICES	$99,988	$528,409	0.544	0.525	20	0.930
	TOTAL *	$392,920	$2,127,345	0.845		97	
35 MULT INSTITUT.	07 CLUBS,AMSMT&SPRTS	$7,198	$22,101	0.000	0.000	0	0.999
	08 HEALTH CARE FACIL	$35,766	$188,672	0.102	0.099	2	0.942
	10 SCHLS & CHURCHES	$114,509	$629,907	0.296	0.285	12	0.916
	12 BUILDINGS&OFFICES	$372	$1,855	0.000	0.000	0	0.911
	16 GOVT SUBDIVISIONS	$0	$24,185	0.000	0.000	0	0.932
	TOTAL *	$157,845	$866,720	0.238		14	

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

TERRITORY   503

TYPE OF POLICY	CLASS GROUP	(1) FISCAL A.Y.E. 3/31/2021 AGGREGATE LOSS COSTS AT CURRENT LEVEL	(2) FISCAL 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.
36 MULT SERVICES	03 STORES	$4,639	$26,108	0.000	0.000	0	0.865
	04 VENDING & RENTAL	$3,689	$16,147	0.000	0.000	0	0.905
	07 CLUBS,AMSMT&SPRTS	$195,349	$918,616	0.634	0.611	20	0.999
	09 HOTELS AND MOTELS	$7,129	$65,564	0.010	0.010	0	0.940
	10 SCHLS & CHURCHES	$586	$4,233	0.000	0.000	0	0.916
	12 BUILDINGS&OFFICES	$27,905	$123,132	1.971	1.898	10	0.911
	13 MISC. PREMISES	$20,293	$87,428	3.074	2.961	2	0.956
	TOTAL *	$259,589	$1,241,227	0.930		32	
TOTAL ALL TOP	01 FOOD&BEV.(RETAIL)	$20,125	$120,337	0.676		1	
	02 RESTAURANTS	$256,024	$1,399,007	1.260		70	
	03 STORES	$72,989	$349,981	0.978		29	
	04 VENDING & RENTAL	$5,640	$26,540	0.840		2	
	05 FOOD & BEV. DIST.	$7,354	$63,730	0.287		3	
	06 NON-FOOD&BEV.DIST	$21,046	$146,034	0.178		6	
	07 CLUBS,AMSMT&SPRTS	$311,866	$1,805,635	0.809		43	
	08 HEALTH CARE FACIL	$87,284	$376,958	1.659		8	
	09 HOTELS AND MOTELS	$182,842	$1,580,668	1.107		59	
	10 SCHLS & CHURCHES	$245,336	$1,088,204	0.323		18	
	11 APARTMENTS	$340,799	$1,732,249	0.751		23	
	12 BUILDINGS&OFFICES	$720,761	$3,565,493	1.051		118	
	13 MISC. PREMISES	$42,518	$209,422	1.528		5	
	16 GOVT SUBDIVISIONS	$0	$24,185	0.000		0	
	TOTAL *	$2,314,584	$12,488,443	0.940		385	

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

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

TERRITORY   504

TYPE OF POLICY	CLASS GROUP	(1) FISCAL A.Y.E. 3/31/2021 AGGREGATE LOSS COSTS AT CURRENT LEVEL	(2) FISCAL 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	01 FOOD&BEV.(RETAIL)	$6,860	$92,092	0.690	0.665	7	1.031
	02 RESTAURANTS	$235,007	$1,727,509	0.565	0.544	42	0.981
	03 STORES	$92,429	$1,114,365	0.601	0.579	54	0.959
	04 VENDING & RENTAL	$6,585	$25,440	0.087	0.083	1	1.003
	05 FOOD & BEV. DIST.	$17,755	$106,855	1.115	1.075	5	1.044
	06 NON-FOOD&BEV.DIST	$63,611	$194,464	0.023	0.022	1	0.991
	07 CLUBS,AMSMT&SPRTS	$844,879	$3,267,835	0.939	0.904	80	1.107
	08 HEALTH CARE FACIL	$39,482	$178,270	2.990	2.881	5	1.044
	09 HOTELS AND MOTELS	$79,142	$740,118	1.265	1.218	28	1.042
	10 SCHLS & CHURCHES	$393,547	$1,620,466	0.878	0.846	22	1.015
	11 APARTMENTS	$457,680	$2,083,375	1.813	1.747	33	1.036
	12 BUILDINGS&OFFICES	$374,215	$2,312,554	1.187	1.143	76	1.009
	13 MISC. PREMISES	$16,137	$184,118	1.515	1.460	6	1.060
	16 GOVT SUBDIVISIONS	$2,115	$3,276	0.000	0.000	0	1.033
	TOTAL *	$2,629,447	$13,650,740	1.091		360	
31 MULT MOTEL/HOTEL	09 HOTELS AND MOTELS	$336,330	$1,777,905	1.023	0.985	52	0.964
	TOTAL *	$336,330	$1,777,905	1.023		52	
32 MULT APARTMENT	11 APARTMENTS	$475,944	$2,260,180	1.462	1.408	95	1.041
	12 BUILDINGS&OFFICES	$196,081	$511,418	1.003	0.966	9	1.014
	TOTAL *	$672,026	$2,771,598	1.328		104	
33 MULT OFFICE	12 BUILDINGS&OFFICES	$548,195	$2,751,132	1.403	1.352	120	0.954
	13 MISC. PREMISES	$4,197	$21,812	0.000	0.000	0	1.002
	TOTAL *	$552,392	$2,772,944	1.392		120	
34 MULT MERCANTILE	01 FOOD&BEV.(RETAIL)	$131,733	$741,887	0.366	0.352	14	0.952
	02 RESTAURANTS	$839,276	$4,003,989	0.408	0.393	88	0.907
	03 STORES	$370,978	$1,424,648	0.736	0.709	46	0.886
	04 VENDING & RENTAL	$556	$18,346	9.397	9.053	2	0.927
	05 FOOD & BEV. DIST.	$137,131	$694,480	1.552	1.495	10	0.965
	06 NON-FOOD&BEV.DIST	$116,642	$535,301	0.611	0.588	8	0.915
	12 BUILDINGS&OFFICES	$179,251	$1,111,796	1.047	1.009	36	0.932
	TOTAL *	$1,775,568	$8,530,445	0.642		204	
35 MULT INSTITUT.	07 CLUBS,AMSMT&SPRTS	$349,758	$1,124,440	0.625	0.602	24	1.001
	08 HEALTH CARE FACIL	$75,647	$344,430	1.783	1.717	7	0.945
	10 SCHLS & CHURCHES	$493,700	$2,090,484	0.910	0.877	81	0.919
	12 BUILDINGS&OFFICES	$258	$1,305	0.000	0.000	0	0.913
	13 MISC. PREMISES	$1,711	$3,307	0.000	0.000	0	0.959
	TOTAL *	$921,073	$3,563,967	0.872		112	

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

TERRITORY   504

		(1) FISCAL A.Y.E. 3/31/2021 AGGREGATE LOSS COSTS AT CURRENT	(2) FISCAL A.Y.E. 2017 - 2021 AGGREGATE LOSS COSTS AT	(3) FIVE YEAR EXPERIENCE	(4)	(5) NUMBER OF	(6) BAL CELL
TYPE OF POLICY	CLASS GROUP	LEVEL	CURRENT LEVEL	RATIO	RELATIV.	OCCURRENCES	RELATIV.
36 MULT SERVICES	03 STORES	$105,103	$455,904	0.206	0.198	10	0.867
	04 VENDING & RENTAL	$23,509	$104,217	0.031	0.030	1	0.907
	07 CLUBS,AMSMT&SPRTS	$773,958	$3,865,175	0.976	0.940	96	1.001
	08 HEALTH CARE FACIL	$0	$104	0.000	0.000	0	0.945
	09 HOTELS AND MOTELS	$46,469	$220,978	0.430	0.414	11	0.943
	10 SCHLS & CHURCHES	$38	$2,800	129.190	124.461	1	0.919
	12 BUILDINGS&OFFICES	$76,886	$354,503	1.127	1.086	13	0.913
	13 MISC. PREMISES	$44,560	$265,733	4.150	3.998	23	0.959
	TOTAL *	$1,070,524	$5,269,413	1.003		155	
TOTAL ALL TOP	01 FOOD&BEV.(RETAIL)	$138,594	$833,979	0.382		21	
	02 RESTAURANTS	$1,074,283	$5,731,498	0.442		130	
	03 STORES	$568,510	$2,994,917	0.616		110	
	04 VENDING & RENTAL	$30,651	$148,003	0.213		4	
	05 FOOD & BEV. DIST.	$154,886	$801,335	1.502		15	
	06 NON-FOOD&BEV.DIST	$180,254	$729,765	0.403		9	
	07 CLUBS,AMSMT&SPRTS	$1,968,595	$8,257,450	0.897		200	
	08 HEALTH CARE FACIL	$115,129	$522,804	2.197		12	
	09 HOTELS AND MOTELS	$461,941	$2,739,002	1.005		91	
	10 SCHLS & CHURCHES	$887,285	$3,713,749	0.902		104	
	11 APARTMENTS	$933,625	$4,343,555	1.634		128	
	12 BUILDINGS&OFFICES	$1,374,887	$7,042,708	1.225		254	
	13 MISC. PREMISES	$66,605	$474,970	3.144		29	
	16 GOVT SUBDIVISIONS	$2,115	$3,276	0.000		0	
	TOTAL *	$7,957,360	$38,337,012	0.992		1,107	

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

ARIZONA
PRODUCTS
BASIC LIMIT RELATIVE CHANGE ANALYSIS

	(1)	(2)	(3)	(4)	MULTISTATE
	BAILEY				COVERAGE
	FORMULA	CREDIBILITY	Z-WTD	BALANCED	INDICATION OF
TOP	RELATIV.	Z	RELATIV.	RELATIV.	- 11.4%
10	0.976	0.341	0.992	0.992	
34	1.049	0.364	1.018	1.018	
36	0.983	0.179	0.997	0.997	
37	0.984	0.460	0.993	0.993	

CLASS					(5) INDICATED MULTISTATE MONOLINE CHANGE	(6) INDICATED STATEWIDE MONOLINE CHANGE #	(7) SELECTED STATEWIDE MONOLINE CHANGE
GROUP							
3	1.012	0.447	1.005	1.005	- 11.7%	+ 4.9%	+ 4.9%
4	0.996	0.398	0.998	0.998	- 12.3%	- 10.9%	- 10.9%
5	1.144	0.114	1.015	1.015	- 10.8%	- 11.9%	- 11.9%
6	0.999	0.309	1.000	1.000	- 12.1%	- 10.2%	- 10.2%
7	0.900	0.162	0.983	0.983	- 13.6%	- 17.6%	- 17.6%
			OVERALL MONOLINE CHANGE *		- 12.1%	- 4.1%	- 4.1%

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

		(1) CALENDAR A.Y.E. 12/31/2020 AGGREGATE LOSS COSTS AT CURRENT LEVEL	(2) CALENDAR A.Y.E. 2016 - 2020 AGGREGATE LOSS COSTS AT CURRENT LEVEL	(3) FIVE YEAR EXPERIENCE RATIO	(4) RELATIV.	(5) NUMBER OF OCCURRENCES	(6) BAL CELL RELATIV.
TYPE OF POLICY	CLASS GROUP						
10 MONOLINE	3 MAN,DLR,DSTFD/DRG	$12,556,725	$66,423,053	0.922	1.008	1,255	0.997
	4 DLR,DST-NOTFD/DRG	$7,688,324	$38,643,266	0.891	0.974	458	0.990
	5 MAN.NTFD/DRG(LOW)	$1,127,449	$6,900,210	0.923	1.009	67	1.007
	6 MAN.NTFD/DRG(MED)	$7,775,004	$42,982,130	0.928	1.014	498	0.992
	7 MAN.NTFD/DRG(HGH)	$1,872,316	$11,242,070	0.580	0.634	54	0.975
	TOTAL *	$31,019,817	$166,190,729	0.895		2,332	
34 MULT MERCANTILE	3 MAN,DLR,DSTFD/DRG	$4,602,309	$24,393,166	0.984	1.075	577	1.023
	4 DLR,DST-NOTFD/DRG	$27,525,286	$138,473,870	0.954	1.043	2,074	1.016
	6 MAN.NTFD/DRG(MED)	$8,390	$43,116	0.000	0.000	0	1.018
	TOTAL *	$32,135,984	$162,910,151	0.958		2,651	
36 MULT SERVICES	4 DLR,DST-NOTFD/DRG	$3,388,883	$16,226,505	0.905	0.989	638	0.996
	6 MAN.NTFD/DRG(MED)	$35,315	$213,283	0.026	0.028	1	0.997
	TOTAL *	$3,424,198	$16,439,788	0.896		639	
37 MULT INDUST/PROC.	3 MAN,DLR,DSTFD/DRG	$12,812,671	$63,522,223	0.889	0.972	2,156	0.998
	5 MAN.NTFD/DRG(LOW)	$3,367,820	$18,163,931	1.063	1.162	194	1.008
	6 MAN.NTFD/DRG(MED)	$26,001,249	$134,342,520	0.891	0.974	1,408	0.993
	7 MAN.NTFD/DRG(HGH)	$6,453,067	$33,236,939	0.875	0.956	471	0.976
	TOTAL *	$48,634,808	$249,265,613	0.900		4,229	
TOTAL ALL TOP	3 MAN,DLR,DSTFD/DRG	$29,971,705	$154,338,442	0.917		3,988	
	4 DLR,DST-NOTFD/DRG	$38,602,493	$193,343,640	0.937		3,170	
	5 MAN.NTFD/DRG(LOW)	$4,495,269	$25,064,141	1.028		261	
	6 MAN.NTFD/DRG(MED)	$33,819,957	$177,581,049	0.898		1,907	
	7 MAN.NTFD/DRG(HGH)	$8,325,383	$44,479,009	0.809		525	
	TOTAL *	$115,214,806	$594,806,281	0.915		9,851	

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

ARIZONA
LOCAL PRODUCTS/COMPLETED OPERATIONS
BASIC LIMIT RELATIVE CHANGE ANALYSIS

| | (1) | (2) | (3) | (4) | MULTISTATE |
TOP	BAILEY FORMULA RELATIV.	CREDIBILITY Z	Z-WTD RELATIV.	BALANCED RELATIV.	COVERAGE INDICATION OF - 12.2%
10	1.037	0.789	1.029	1.029	
34	1.001	0.501	1.001	1.001	
36	0.990	0.561	0.995	0.995	
37	0.969	0.144	0.995	0.996	
38	0.980	0.980	0.980	0.980	

CLASS GROUP					(5) INDICATED MULTISTATE MONOLINE CHANGE	(6) INDICATED STATEWIDE MONOLINE CHANGE #	(7) SELECTED STATEWIDE MONOLINE CHANGE
1	1.041	0.497	1.020	1.020	- 6.4%	- 10.2%	- 9.6%
2	0.974	0.546	0.986	0.985	- 10.1%	- 13.3%	- 14.5%
11	1.162	0.374	1.058	1.057	- 4.5%	- 8.5%	- 9.5%
12	1.000	1.000	1.000	0.999	- 9.7%	- 13.6%	- 13.5%
13	0.872	0.263	0.964	0.964	- 12.9%	- 16.7%	- 16.1%
			OVERALL MONOLINE CHANGE *		- 9.6%	- 13.3%	- 13.3%

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

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

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
	1.609	0.241	1.122	1.119		
	1.159	0.724	1.113	1.110		
	1.210	0.475	1.095	1.092		
	1.170	0.495	1.081	1.078		
	1.182	0.424	1.073	1.071		
	1.209	0.300	1.059	1.056		
	1.167	0.323	1.051	1.049		
	1.173	0.264	1.043	1.040		
	1.192	0.226	1.041	1.038		
	1.105	0.352	1.036	1.033		
	1.180	0.208	1.035	1.032		
	1.131	0.230	1.029	1.026		
	1.254	0.110	1.025	1.023		
	1.139	0.176	1.023	1.021		
	1.132	0.104	1.013	1.010		
	1.043	0.204	1.009	1.006		
	1.053	0.136	1.007	1.005		
	1.006	0.138	1.001	0.998		
	1.001	0.573	1.001	0.998		
	1.003	0.253	1.001	0.998		
	1.000	0.640	1.000	0.998		
	0.999	0.475	0.999	0.997		
	0.993	0.361	0.998	0.995		
	0.993	0.416	0.997	0.994		
	0.980	0.218	0.996	0.993		
	0.985	0.333	0.995	0.992		
	0.981	0.327	0.994	0.991		
	0.950	0.165	0.992	0.989		
	0.657	0.027	0.989	0.986		
	0.929	0.268	0.981	0.978		
	0.956	0.446	0.980	0.978		
	0.916	0.255	0.978	0.975		
	0.836	0.161	0.972	0.969		
	0.920	0.381	0.969	0.966		
	0.907	0.347	0.967	0.964		
	0.768	0.153	0.960	0.958		
ARIZONA	0.881	0.320	0.960	0.958	- 13.3%	- 13.3%
	0.894	0.382	0.958	0.956		
	0.773	0.168	0.958	0.955		
	0.835	0.250	0.956	0.954		
	0.906	0.499	0.952	0.949		
	0.905	0.507	0.951	0.948		
	0.815	0.246	0.951	0.948		
	0.808	0.245	0.949	0.947		
	0.728	0.166	0.949	0.946		
	0.857	0.366	0.945	0.943		
	0.861	0.388	0.943	0.941		
	0.743	0.202	0.942	0.939		
	0.835	0.433	0.925	0.923		
	0.124	0.038	0.923	0.921		
	0.735	0.321	0.906	0.904		
	0.740	0.371	0.894	0.892		

* Sorted by balanced relative change.

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

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

		(1) CALENDAR A.Y.E. 12/31/2020 AGGREGATE LOSS COSTS AT CURRENT LEVEL	(2) CALENDAR A.Y.E. 2016 - 2020 AGGREGATE LOSS COSTS AT CURRENT LEVEL	(3) FIVE YEAR EXPERIENCE RATIO	(4) RELATIV.	(5) NUMBER OF OCCURRENCES	(6) BAL CELL RELATIV.
TYPE OF POLICY	CLASS GROUP						
10 MONOLINE	1 RET.STRS-FOOD/DRG	$20,036	$69,886	1.713	1.900	10	1.005
	2 RET.STRS-NTFD/DRG	$22,606	$101,029	5.595	6.205	5	0.971
	11 COMP. OPS. (LOW)	$149,643	$718,654	1.288	1.429	6	1.042
	12 COMP. OPS. (MED)	$2,348,092	$9,517,168	0.942	1.044	109	0.985
	13 COMP. OPS. (HGH)	$104,582	$569,507	0.295	0.328	1	0.950
	TOTAL *	$2,644,960	$10,976,244	0.981		131	
34 MULT MERCANTILE	1 RET.STRS-FOOD/DRG	$103,160	$501,500	0.632	0.700	31	0.978
	2 RET.STRS-NTFD/DRG	$100,746	$469,490	1.697	1.883	13	0.945
	12 COMP. OPS. (MED)	$53,657	$336,421	1.301	1.443	3	0.958
	TOTAL *	$257,564	$1,307,410	1.188		47	
36 MULT SERVICES	1 RET.STRS-FOOD/DRG	$15,910	$83,233	0.848	0.940	6	0.972
	2 RET.STRS-NTFD/DRG	$355,048	$1,392,432	1.169	1.296	65	0.939
	11 COMP. OPS. (LOW)	$136,041	$623,729	1.807	2.004	17	1.007
	12 COMP. OPS. (MED)	$127,122	$1,452,013	0.334	0.371	18	0.952
	13 COMP. OPS. (HGH)	$12,859	$52,137	0.000	0.000	0	0.919
	TOTAL *	$646,980	$3,603,544	1.108		106	
37 MULT INDUST/PROC.	1 RET.STRS-FOOD/DRG	$118	$123	0.000	0.000	0	0.973
	11 COMP. OPS. (LOW)	$627	$3,814	0.000	0.000	0	1.008
	12 COMP. OPS. (MED)	$83,645	$361,411	0.264	0.292	3	0.953
	13 COMP. OPS. (HGH)	$3	$142	0.000	0.000	0	0.919
	TOTAL *	$84,393	$365,490	0.261		3	
38 MULT CONTRACTORS	11 COMP. OPS. (LOW)	$378,728	$1,546,457	0.641	0.711	21	0.993
	12 COMP. OPS. (MED)	$4,602,827	$21,608,918	0.673	0.746	244	0.938
	13 COMP. OPS. (HGH)	$328,663	$1,374,059	0.428	0.474	10	0.905
	TOTAL *	$5,310,217	$24,529,434	0.655		275	
TOTAL ALL TOP	1 RET.STRS-FOOD/DRG	$139,224	$654,742	0.811		47	
	2 RET.STRS-NTFD/DRG	$478,401	$1,962,950	1.489		83	
	11 COMP. OPS. (LOW)	$665,038	$2,892,655	1.024		44	
	12 COMP. OPS. (MED)	$7,215,342	$33,275,931	0.754		377	
	13 COMP. OPS. (HGH)	$446,108	$1,995,845	0.384		11	
	TOTAL *	$8,944,113	$40,782,123	0.796		562	

* 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

		(1) CALENDAR A.Y.E. 12/31/2020 AGGREGATE LOSS COSTS AT CURRENT LEVEL	(2) CALENDAR A.Y.E. 2016 – 2020 AGGREGATE LOSS COSTS AT CURRENT LEVEL	(3) FIVE YEAR EXPERIENCE RATIO	(4) RELATIV.	(5) NUMBER OF OCCURRENCES	(6) BAL CELL RELATIV.
TYPE OF POLICY	CLASS GROUP						
10 MONOLINE	1 RET.STRS-FOOD/DRG	$1,903,948	$12,505,719	0.979		647	
	2 RET.STRS-NTFD/DRG	$3,370,047	$16,846,833	0.877		518	
	11 COMP. OPS. (LOW)	$5,913,795	$29,495,674	1.464		782	
	12 COMP. OPS. (MED)	$118,130,183	$561,507,688	0.947		7,137	
	13 COMP. OPS. (HGH)	$8,466,592	$42,769,497	0.713		261	
	TOTAL *	$137,784,565	$663,125,411	0.953		9,345	
34 MULT MERCANTILE	1 RET.STRS-FOOD/DRG	$7,720,382	$41,858,517	0.970		2,895	
	2 RET.STRS-NTFD/DRG	$7,183,784	$36,090,354	0.875		729	
	12 COMP. OPS. (MED)	$3,179,842	$14,785,990	0.866		141	
	TOTAL *	$18,084,007	$92,734,861	0.914		3,765	
36 MULT SERVICES	1 RET.STRS-FOOD/DRG	$822,246	$5,060,678	0.878		168	
	2 RET.STRS-NTFD/DRG	$14,685,992	$70,367,461	0.900		3,225	
	11 COMP. OPS. (LOW)	$3,336,131	$18,048,971	0.953		484	
	12 COMP. OPS. (MED)	$5,458,430	$29,557,942	0.931		785	
	13 COMP. OPS. (HGH)	$1,447,730	$6,972,628	0.628		66	
	TOTAL *	$25,750,529	$130,007,680	0.898		4,728	
37 MULT INDUST/PROC.	1 RET.STRS-FOOD/DRG	$26,166	$133,442	0.000		0	
	11 COMP. OPS. (LOW)	$116,201	$618,054	0.343		14	
	12 COMP. OPS. (MED)	$5,017,578	$25,650,970	0.885		298	
	13 COMP. OPS. (HGH)	$25,189	$203,264	0.000		0	
	TOTAL *	$5,185,134	$26,605,731	0.864		312	
38 MULT CONTRACTORS	11 COMP. OPS. (LOW)	$11,459,714	$60,569,275	0.866		813	
	12 COMP. OPS. (MED)	$197,493,499	$1,024,419,800	0.874		12,895	
	13 COMP. OPS. (HGH)	$16,367,872	$81,156,332	0.833		712	
	TOTAL *	$225,321,085	$1,166,145,407	0.870		14,420	
TOTAL ALL TOP	1 RET.STRS-FOOD/DRG	$10,472,742	$59,558,356	0.962		3,710	
	2 RET.STRS-NTFD/DRG	$25,239,822	$123,304,648	0.890		4,472	
	11 COMP. OPS. (LOW)	$20,825,841	$108,731,973	1.047		2,093	
	12 COMP. OPS. (MED)	$329,279,532	$1,655,922,391	0.901		21,256	
	13 COMP. OPS. (HGH)	$26,307,383	$131,101,721	0.782		1,039	
	TOTAL *	$412,125,320	$2,078,619,090	0.902		32,570	

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

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

TYPE OF POLICY	ACCIDENT YEAR ENDING	$100,000 BASIC LIMIT AGGREGATE LOSS COSTS AT CURRENT LEVEL	X	EXPOSURE DEVELOPMENT FACTOR +@	X	EXPOSURE TREND #	X	AVERAGE IPMF *	=	TRENDED $100,000 BASIC LIMIT AGGREGATE LOSS COSTS AT CURRENT LEVEL
MONOLINE	03/31/2018	$4,109,949		1.000		1.167				$4,796,311
	03/31/2019	$4,803,730		1.000		1.135				$5,452,234
	03/31/2020	$5,065,621		0.999		1.109				$5,612,156
	03/31/2021	$5,265,942		0.969		1.088				$5,551,735
MULTILINE	03/31/2018	$7,994,584		1.000		1.167		0.963		$8,984,481
	03/31/2019	$8,739,144		1.000		1.136		0.963		$9,560,344
	03/31/2020	$9,653,276		0.999		1.108		0.963		$10,289,784
	03/31/2021	$9,720,910		0.969		1.090		0.966		$9,918,233
TOTAL	03/31/2018									$13,780,792
	03/31/2019									$15,012,578
	03/31/2020									$15,901,940
	03/31/2021									$15,469,968

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

@ THE EXPOSURE DEVELOPMENT FACTOR FOR THE LATEST YEAR HAS BEEN ADJUSTED BY APPLYING A FACTOR OF 0.950 TO REFLECT THE REDUCED
EXPECTED EXPOSURE FOR M&C DUE TO THE COVID-19 PANDEMIC AND THE ECONOMIC RECESSION IN 2020. THE DERIVATION OF THE ADJUSTMENT
IS EXPLAINED IN SECTION D.

AGGREGATE LOSS COSTS AT CURRENT LEVEL HAVE BEEN TRENDED FROM AN AVERAGE DATE OF COVERAGE TO ONE YEAR BEYOND AN ASSUMED
EFFECTIVE DATE OF 09/01/2022 BY AN EXPONENTIAL PROJECTION OF THE AVERAGE ANNUAL EXPOSURE TREND FACTOR. THE DERIVATION OF
THIS EXPOSURE TREND FACTOR IS SHOWN IN SECTION C, EXHIBIT C7 - AVERAGE ANNUAL EXPOSURE TRENDS.

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

ARIZONA
MANUFACTURERS AND CONTRACTORS
OCCURRENCE
FULL COVERAGE
CALCULATION OF INCURRED LOSSES

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	03/31/2018	$2,392,501		1.020		1.080		1.261		0.971		$3,227,085
		03/31/2019	$2,232,349		1.074		1.080		1.213		0.976		$3,065,496
		03/31/2020	$1,609,488		1.360		1.080		1.166		0.981		$2,704,070
		03/31/2021	$483,079		1.962		1.080		1.121		0.985		$1,130,271
BI	ALAE	03/31/2018	$2,280,894				1.080		1.261		0.971		$3,016,221
		03/31/2019	$1,873,699				1.080		1.213		0.976		$2,395,710
		03/31/2020	$2,049,128				1.080		1.166		0.981		$2,531,398
		03/31/2021	$382,168				1.080		1.121		0.985		$455,743
PD	B/L INDEMNITY	03/31/2018	$2,547,152		1.043		1.080		1.261		0.971		$3,513,154
		03/31/2019	$3,144,082		1.098		1.080		1.213		0.976		$4,413,982
		03/31/2020	$2,576,715		1.149		1.080		1.166		0.981		$3,657,444
		03/31/2021	$2,553,035		1.371		1.080		1.121		0.985		$4,174,071
PD	ALAE	03/31/2018	$753,985				1.080		1.261		0.971		$997,059
		03/31/2019	$872,790				1.080		1.213		0.976		$1,115,948
		03/31/2020	$1,037,963				1.080		1.166		0.981		$1,282,251
		03/31/2021	$1,218,353				1.080		1.121		0.985		$1,452,910
MED PAY #	B/L INDEMNITY	03/31/2018	$45,615				1.080		1.261		0.971		$60,321
		03/31/2019	$39,175				1.080		1.213		0.976		$50,089
		03/31/2020	$28,964				1.080		1.166		0.981		$35,781
		03/31/2021	$39,000				1.080		1.121		0.985		$46,508
FRINGE	B/L INDEMNITY	03/31/2018	$91,196		1.001		1.080		1.000		0.971		$95,731
		03/31/2019	$116,952		1.074		1.080		1.000		0.976		$132,399
		03/31/2020	$20,732		1.225		1.080		1.000		0.981		$26,907
		03/31/2021	$147,754		1.576		1.080		1.000		0.985		$247,717
FRINGE	ALAE	03/31/2018	$14,787				1.080		1.000		0.971		$15,507
		03/31/2019	$46,489				1.080		1.000		0.976		$49,003
		03/31/2020	$66,732				1.080		1.000		0.981		$70,701
		03/31/2021	$157,754				1.080		1.000		0.985		$167,819
	TOTAL FULL COVERAGE	03/31/2018											$10,925,078
		03/31/2019											$11,222,627
		03/31/2020											$10,308,552
		03/31/2021											$7,675,039

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

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

ARIZONA
MANUFACTURERS AND CONTRACTORS
OCCURRENCE
DED COVERAGE
CALCULATION OF INCURRED LOSSES

REPORT TYPE	LOSS DESCRIPTION	ACCIDENT YEAR ENDING	$100,000 BASIC LIMIT LOSSES AND ALAE *	X	$100,000 BASIC LIMIT INDEMNITY DEVELOPMENT 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	03/31/2018	$268,828		1.025		1.080		1.261		0.971		$364,382
		03/31/2019	$190,733		1.166		1.080		1.213		0.976		$284,354
		03/31/2020	$307,510		1.597		1.080		1.166		0.981		$606,674
		03/31/2021	$27,423		2.708		1.080		1.121		0.985		$88,558
BI	ALAE	03/31/2018	$236,526				1.080		1.261		0.971		$312,779
		03/31/2019	$370,328				1.080		1.213		0.976		$473,500
		03/31/2020	$407,306				1.080		1.166		0.981		$503,167
		03/31/2021	$32,411				1.080		1.121		0.985		$38,650
PD	B/L INDEMNITY	03/31/2018	$525,539		1.041		1.080		1.261		0.971		$723,459
		03/31/2019	$676,368		1.053		1.080		1.213		0.976		$910,638
		03/31/2020	$609,963		1.095		1.080		1.166		0.981		$825,104
		03/31/2021	$495,935		1.253		1.080		1.121		0.985		$741,040
PD	ALAE	03/31/2018	$487,978				1.080		1.261		0.971		$645,295
		03/31/2019	$715,910				1.080		1.213		0.976		$915,361
		03/31/2020	$356,590				1.080		1.166		0.981		$440,514
		03/31/2021	$221,586				1.080		1.121		0.985		$264,246
MED PAY #	B/L INDEMNITY	03/31/2018	$0				1.080		1.261		0.971		$0
		03/31/2019	$6,302				1.080		1.213		0.976		$8,058
		03/31/2020	$1,913				1.080		1.166		0.981		$2,363
		03/31/2021	$5,000				1.080		1.121		0.985		$5,963
	TOTAL DED COVERAGE	03/31/2018											$2,045,915
		03/31/2019											$2,591,911
		03/31/2020											$2,377,822
		03/31/2021											$1,138,457
	TOTAL OCCURRENCE	03/31/2018											$12,970,992
		03/31/2019											$13,814,539
		03/31/2020											$12,686,377
		03/31/2021											$8,813,496

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

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

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

TYPE OF POLICY	ACCIDENT YEAR ENDING	$100,000 BASIC LIMIT AGGREGATE LOSS COSTS AT CURRENT LEVEL	X	EXPOSURE DEVELOPMENT FACTOR +	X	EXPOSURE TREND #	X	AVERAGE IPMF *	=	TRENDED $100,000 BASIC LIMIT AGGREGATE LOSS COSTS AT CURRENT LEVEL
MONOLINE	03/31/2018	$8,038,834		1.000		1.032				$8,296,077
	03/31/2019	$8,453,183		1.000		1.031				$8,715,232
	03/31/2020	$7,756,773		1.000		1.019				$7,904,152
	03/31/2021	$6,877,270		1.004		1.014				$7,001,446
MULTILINE	03/31/2018	$13,974,328		1.000		1.045		0.850		$12,412,697
	03/31/2019	$15,191,622		1.000		1.036		0.843		$13,267,573
	03/31/2020	$15,857,886		1.000		1.029		0.840		$13,706,922
	03/31/2021	$14,846,700		1.004		1.023		0.838		$12,778,601
TOTAL	03/31/2018									$20,708,774
	03/31/2019									$21,982,805
	03/31/2020									$21,611,074
	03/31/2021									$19,780,047

+ 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 09/01/2022 BY AN EXPONENTIAL PROJECTION OF THE AVERAGE ANNUAL EXPOSURE TREND FACTOR. THE DERIVATION OF
   THIS EXPOSURE TREND FACTOR IS SHOWN IN SECTION C, EXHIBIT C7 - AVERAGE ANNUAL EXPOSURE TRENDS.

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

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

REPORT TYPE	LOSS DESCRIPTION	ACCIDENT YEAR ENDING	$100,000 BASIC LIMIT LOSSES AND ALAE *	X	$100,000 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	03/31/2018	$7,922,016		0.991		1.080		1.335		0.971		$10,990,909
		03/31/2019	$7,935,928		1.035		1.080		1.271		0.976		$11,004,168
		03/31/2020	$7,475,298		1.252		1.080		1.211		0.981		$12,007,974
		03/31/2021	$3,454,611		1.696		1.080		1.153		0.985		$7,186,448
BI	ALAE	03/31/2018	$4,424,927				1.080		1.335		0.971		$6,194,843
		03/31/2019	$4,397,674				1.080		1.271		0.976		$5,891,721
		03/31/2020	$5,075,819				1.080		1.211		0.981		$6,512,429
		03/31/2021	$2,484,920				1.080		1.153		0.985		$3,047,907
PD	B/L INDEMNITY	03/31/2018	$764,318		1.030		1.080		1.412		0.971		$1,165,706
		03/31/2019	$1,082,913		1.032		1.080		1.332		0.976		$1,569,102
		03/31/2020	$1,144,018		1.074		1.080		1.256		0.981		$1,635,007
		03/31/2021	$943,589		1.167		1.080		1.185		0.985		$1,388,136
PD	ALAE	03/31/2018	$520,037				1.080		1.412		0.971		$770,038
		03/31/2019	$689,571				1.080		1.332		0.976		$968,182
		03/31/2020	$554,009				1.080		1.256		0.981		$737,223
		03/31/2021	$698,931				1.080		1.185		0.985		$881,074
MED PAY #	B/L INDEMNITY	03/31/2018	$514,095				1.080		1.335		0.971		$719,727
		03/31/2019	$498,216				1.080		1.271		0.976		$667,478
		03/31/2020	$461,388				1.080		1.211		0.981		$591,975
		03/31/2021	$355,515				1.080		1.153		0.985		$436,061
FRINGE	B/L INDEMNITY	03/31/2018	$254,936		1.024		1.080		1.000		0.971		$273,763
		03/31/2019	$191,793		1.075		1.080		1.000		0.976		$217,328
		03/31/2020	$107,848		1.271		1.080		1.000		0.981		$145,228
		03/31/2021	$138,611		1.687		1.080		1.000		0.985		$248,756
FRINGE	ALAE	03/31/2018	$889,205				1.080		1.000		0.971		$932,492
		03/31/2019	$201,584				1.080		1.000		0.976		$212,486
		03/31/2020	$138,716				1.080		1.000		0.981		$146,966
		03/31/2021	$299,006				1.080		1.000		0.985		$318,082
	TOTAL FULL COVERAGE	03/31/2018											$21,047,478
		03/31/2019											$20,530,465
		03/31/2020											$21,776,802
		03/31/2021											$13,506,464

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

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

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

REPORT TYPE	LOSS DESCRIPTION	ACCIDENT YEAR ENDING	$100,000 BASIC LIMIT LOSSES AND ALAE *	X	$100,000 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	03/31/2018	$505,044		1.001		1.080		1.335		0.971		$707,762
		03/31/2019	$608,387		1.068		1.080		1.271		0.976		$870,503
		03/31/2020	$702,997		1.274		1.080		1.211		0.981		$1,149,105
		03/31/2021	$517,751		1.879		1.080		1.153		0.985		$1,193,265
BI	ALAE	03/31/2018	$290,273				1.080		1.335		0.971		$406,379
		03/31/2019	$453,485				1.080		1.271		0.976		$607,551
		03/31/2020	$649,191				1.080		1.211		0.981		$832,931
		03/31/2021	$461,342				1.080		1.153		0.985		$565,865
PD	B/L INDEMNITY	03/31/2018	$25,637		1.080		1.080		1.412		0.971		$40,999
		03/31/2019	$80,500		1.108		1.080		1.332		0.976		$125,231
		03/31/2020	$115,969		1.217		1.080		1.256		0.981		$187,808
		03/31/2021	$51,445		1.442		1.080		1.185		0.985		$93,516
PD	ALAE	03/31/2018	$7,590				1.080		1.412		0.971		$11,239
		03/31/2019	$124,556				1.080		1.332		0.976		$174,881
		03/31/2020	$87,289				1.080		1.256		0.981		$116,156
		03/31/2021	$63,979				1.080		1.185		0.985		$80,652
MED PAY #	B/L INDEMNITY	03/31/2018	$26,328				1.080		1.335		0.971		$36,859
		03/31/2019	$25,956				1.080		1.271		0.976		$34,774
		03/31/2020	$37,068				1.080		1.211		0.981		$47,559
		03/31/2021	$10,000				1.080		1.153		0.985		$12,266
	TOTAL DED COVERAGE	03/31/2018											$1,203,238
		03/31/2019											$1,812,940
		03/31/2020											$2,333,559
		03/31/2021											$1,945,564
	TOTAL OCCURRENCE	03/31/2018											$22,250,715
		03/31/2019											$22,343,403
		03/31/2020											$24,110,362
		03/31/2021											$15,452,028

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

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

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

Implicit Package Modification Factors (A) by Type of Policy

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

(A)   Implicit Package Modification Factors shown above reflect the package modifications currently in the ISO manual for M&C for each type of package policy. More specifically, the G.L. and Property Implicit Package Modification Factors are calculated so that they average to the current manual CPP modification factors that apply to both property and liability.

(B)   Combined data for risks written under the ISO CPP Program and individual insurer CMP programs have been used. These Implicit Package Modification Factors were applied to the aggregate loss costs at current level in each accident year. The average implicit package modification factor for each accident year is shown in Section C, Exhibit C1, page 1 - Calculation of Aggregate Loss Costs at Current Level. The difference in average implicit package modification factor results from varying aggregate loss-costs-at-current-level distributions by Type of Policy in each year.

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

Implicit Package Modification Factors (A) by Type of Policy

Type of Policy (B)	Description	Implicit Package Modification Factors
31	Motel / Hotel Policy	0.960
32	Apartment House Policy	0.677
33	Office Policy	0.905
34	Mercantile Policy	0.885
35	Institutional Policy	0.826
36	Service Policy	0.798
37	Not Appllicable	--
38	Not Appllicable	--

(A) Implicit Package Modification Factors shown above reflect the package modifications currently in the ISO manual for OL&T for each type of package policy. More specifically, the G.L. and Property Implicit Package Modification Factors are calculated so that they average to the current manual CPP modification factors that apply to both property and liability.

(B) Combined data for risks written under the ISO CPP Program and individual insurer CMP programs have been used. These Implicit Package Modification Factors were applied to the aggregate loss costs at current level in each accident year. The average implicit package modification factor for each accident year is shown in Section C, Exhibit C1, page 4 - Calculation of Aggregate Loss Costs at Current Level. The difference in average implicit package modification factor results from varying aggregate loss-costs-at-current-level distributions by Type of Policy in each year.

ARIZONA

PREMISES/OPERATIONS
MANUFACTURERS AND CONTRACTORS

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	1.021	0.7550	1.021	25,000,000
27 to 39 Months	1.000	0.999	0.5530	0.999	60,000,000

Accident Year Ending	Exposure Development From 27:15	39:27	ULT:39	Factor @
12/31/2018			1.000	1.000
12/31/2019		0.999	1.000	0.999
12/31/2020	1.021	0.999	1.000	1.020

(a) See Section C - Multistate Premium Development.

(b) See Section C - Statewide Premium Development.

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

(d) {(3) x (4)} + {(2) x {1.000-(4)}}

@ An adjustment of 0.950 has been subsequently applied to the exposure development factor for the latest
year to reflect the reduced expected exposure for M&C due to the COVID-19 pandemic and economic recession
in 2020. The resulting exposure development factor is displayed on Exhibit C1, page 1 and is reflected in
the calculation of the ALCCL for the latest year. The derivation of this adjustment is explained in Section D.

ARIZONA

PREMISES/OPERATIONS
OWNERS LANDLORDS AND TENANTS

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	1.002	1.006	0.5161	1.004	90,000,000
27 to 39 Months	1.000	1.001	0.4377	1.000	120,000,000

Accident Year Ending	Exposure Development From 27:15	39:27	ULT:39	Factor
12/31/2018			1.000	1.000
12/31/2019		1.000	1.000	1.000
12/31/2020	1.004	1.000	1.000	1.004

(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) x (4)} + {(2) x {1.000-(4)}}

ARIZONA
MANUFACTURERS AND CONTRACTORS

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

Accident Year Ending	15 Months	27 Months	39 Months	51 Months	63 Months	75 Months	87 Months	99 Months
12/31/2013	20,214,238	20,631,704	20,647,858	20,636,599	20,641,839	20,641,845	20,641,845	20,641,950
12/31/2014	21,228,710	21,564,625	21,551,254	21,532,642	21,529,183	21,529,183	21,529,183	
12/31/2015	22,089,667	22,460,005	22,442,308	22,433,253	22,433,239	22,433,239		
12/31/2016	23,080,183	23,586,534	23,639,007	23,641,237	23,642,104			
12/31/2017	24,057,178	24,564,677	24,537,063	24,535,176				
12/31/2018	25,597,319	26,081,624	26,073,485					
12/31/2019	27,400,556	28,153,477						
12/31/2020	29,759,514							

LINK RATIOS

Accident Year Ending	27:15	39:27	51:39	63:51	75:63	87:75	99:87
12/31/2013	1.021	1.001	0.999	1.000	1.000	1.000	1.000
12/31/2014	1.016	0.999	0.999	1.000	1.000	1.000	
12/31/2015	1.017	0.999	1.000	1.000	1.000		
12/31/2016	1.022	1.002	1.000	1.000			
12/31/2017	1.021	0.999	1.000				
12/31/2018	1.019	1.000					
12/31/2019	1.027						

Average Best 3 of 5

27:15	39:27
1.021	0.999

ARIZONA
OWNERS LANDLORDS AND TENANTS

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

Accident Year Ending	15 Months	27 Months	39 Months	51 Months	63 Months	75 Months	87 Months	99 Months
12/31/2013	25,331,673	25,339,762	25,270,461	25,296,173	25,306,054	25,306,054	25,306,054	25,306,054
12/31/2014	28,037,373	28,115,198	28,114,193	28,144,627	28,144,271	28,144,271	28,144,271	
12/31/2015	30,134,264	30,312,501	30,387,735	30,386,168	30,386,101	30,386,101		
12/31/2016	30,511,137	30,644,524	30,802,370	30,818,750	30,816,804			
12/31/2017	30,599,406	30,954,900	30,941,420	30,940,873				
12/31/2018	31,518,652	31,804,070	31,806,878					
12/31/2019	33,863,381	33,824,151						
12/31/2020	32,885,513							

LINK RATIOS

Accident Year Ending	27:15	39:27	51:39	63:51	75:63	87:75	99:87
12/31/2013	1.000	0.997	1.001	1.000	1.000	1.000	1.000
12/31/2014	1.003	1.000	1.001	1.000	1.000	1.000	
12/31/2015	1.006	1.002	1.000	1.000	1.000		
12/31/2016	1.004	1.005	1.001	1.000			
12/31/2017	1.012	1.000	1.000				
12/31/2018	1.009	1.000					
12/31/2019	0.999						

Average Best 3 of 5

27:15	39:27
1.006	1.001

MULTISTATE
MANUFACTURERS AND CONTRACTORS

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

Accident Year Ending	15 Months	27 Months	39 Months	51 Months	63 Months	75 Months	87 Months	99 Months
12/31/2013	1,601,047,871	1,636,551,033	1,638,404,215	1,642,132,222	1,642,305,400	1,642,277,080	1,642,261,360	1,642,261,809
12/31/2014	1,692,532,913	1,750,835,005	1,754,810,944	1,755,163,756	1,755,011,597	1,755,016,130	1,754,987,934	
12/31/2015	1,742,710,470	1,785,152,241	1,784,629,059	1,784,317,811	1,784,480,523	1,784,665,049		
12/31/2016	1,762,869,009	1,800,301,481	1,802,092,772	1,801,806,002	1,802,080,775			
12/31/2017	1,833,653,838	1,874,902,022	1,873,017,550	1,872,938,317				
12/31/2018	1,901,473,635	1,932,253,979	1,931,295,193					
12/31/2019	1,985,998,990	2,008,123,695						
12/31/2020	2,040,883,771							

LINK RATIOS

Accident Year Ending	27:15	39:27	51:39	63:51	75:63	87:75	99:87
12/31/2013	1.022	1.001	1.002	1.000	1.000	1.000	1.000
12/31/2014	1.034	1.002	1.000	1.000	1.000	1.000	
12/31/2015	1.024	1.000	1.000	1.000	1.000		
12/31/2016	1.021	1.001	1.000	1.000			
12/31/2017	1.022	0.999	1.000				
12/31/2018	1.016	1.000					
12/31/2019	1.011						

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

MULTISTATE
OWNERS LANDLORDS AND TENANTS

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

Accident Year Ending	15 Months	27 Months	39 Months	51 Months	63 Months	75 Months	87 Months	99 Months
12/31/2013	1,938,010,439	1,946,132,507	1,956,660,792	1,958,574,586	1,959,390,075	1,959,387,329	1,959,372,404	1,959,372,359
12/31/2014	2,106,740,938	2,126,584,461	2,126,280,753	2,125,894,174	2,125,816,363	2,125,798,606	2,125,798,433	
12/31/2015	2,253,590,941	2,257,423,803	2,257,711,191	2,256,788,883	2,256,779,747	2,256,789,474		
12/31/2016	2,287,078,904	2,290,682,515	2,293,112,744	2,293,072,517	2,293,092,953			
12/31/2017	2,290,141,584	2,311,291,510	2,310,453,531	2,310,259,310				
12/31/2018	2,328,998,057	2,335,621,698	2,335,144,525					
12/31/2019	2,336,718,323	2,326,648,602						
12/31/2020	2,223,254,876							

LINK RATIOS

Accident Year Ending	27:15	39:27	51:39	63:51	75:63	87:75	99:87
12/31/2013	1.004	1.005	1.001	1.000	1.000	1.000	1.000
12/31/2014	1.009	1.000	1.000	1.000	1.000	1.000	
12/31/2015	1.002	1.000	1.000	1.000	1.000		
12/31/2016	1.002	1.001	1.000	1.000			
12/31/2017	1.009	1.000	1.000				
12/31/2018	1.003	1.000					
12/31/2019	0.996						

Average Best 3 of 5	
27:15	39:27
1.002	1.000

ARIZONA

Premises/Operations

Manufacturers & Contractors
Bodily Injury
Full Coverage
Incurred Losses Excluding ALAE

Calculation of Loss Development Factors

	(1)	(2)	(3)	(4)	(5)
	Evaluation Period	Multistate Ratio (A)	State Ratio (B)	Credibility (C)	Weighted Ratio (D)	Credibility Constant (K_i)
	15 to 27 Months	1.636	1.334	0.6410	1.442	1,500,000
	27 to 39 Months	1.313	1.238	0.6173	1.267	1,800,000
	39 to 51 Months	1.089	1.032	0.6350	1.053	2,100,000
	51 to 63 Months	1.020	0.982	0.5547	0.999	2,500,000
	63 to 75 Months	0.997	1.028	0.5263	1.013	3,000,000
	75 to 87 Months	0.999	0.999	0.5193	0.999	3,600,000
	87 to 99 Months	1.000	0.998	0.4879	0.999	4,200,000
	99 to 111 Months	1.001	1.005	0.4387	1.003	5,100,000
	111 to 123 Months	0.999	1.001	0.3681	1.000	6,000,000
	123 to 135 Months	1.000	1.014	0.3446	1.005	7,200,000
	135 to 147 Months	1.000	1.000	0.3809	1.000	8,600,000
	147 to 159 Months	1.001	1.000	0.3358	1.001	10,200,000
	159 to 171 Months	1.000	1.000	0.2564	1.000	12,200,000
	171 to 183 Months	1.000	1.000	0.1649	1.000	14,500,000
	183 to 195 Months	1.000	1.000	0.1248	1.000	17,400,000
	195 to 207 Months	1.001	1.000	0.1078	1.001	20,700,000
	207 to 219 Months	1.001	1.000	0.0919	1.001	24,700,000
	219 to 231 Months	1.000	1.000	0.0612	1.000	29,400,000
	231 to 243 Months	1.000	1.000	0.0319	1.000	35,100,000
	243 to Ultimate	The Multistate ratio has been used.				

Accident Year Ending	27:15	Loss Development From 39:27	51:39	63:51	75:63	87:75	99:87	111:99	123:111	135:123	147:135
12/31/2018			1.053	0.999	1.013	0.999	0.999	1.003	1.000	1.005	1.000
12/31/2019		1.267	1.053	0.999	1.013	0.999	0.999	1.003	1.000	1.005	1.000
12/31/2020	1.442	1.267	1.053	0.999	1.013	0.999	0.999	1.003	1.000	1.005	1.000

	159:147	171:159	183:171	195:183	207:195	219:207	231:219	243:231	ULT:243		Factor
12/31/2018	1.001	1.000	1.000	1.000	1.001	1.001	1.000	1.000	1.000		1.074
12/31/2019	1.001	1.000	1.000	1.000	1.001	1.001	1.000	1.000	1.000		1.360
12/31/2020	1.001	1.000	1.000	1.000	1.001	1.001	1.000	1.000	1.000		1.962

(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) x (4)} + {(2) x {1.000 - (4)}}

ARIZONA

Premises/Operations

Manufacturers & Contractors
Bodily Injury
Full and Deductible Coverage
ALAE

Calculation of Cumulative Incremental Factors

	(1)	(2)	(3)	(4)	(5)
	Evaluation Period	Multistate Ratio (A)	State Ratio (B)	Credibility (C)	Weighted Ratio (D)	Credibility Constant (K_i)
15 to 27 Months	0.0666	0.0594	0.6410	0.0620	1,500,000
27 to 39 Months	0.0912	0.1213	0.6173	0.1098	1,800,000
39 to 51 Months	0.0790	0.0928	0.6350	0.0878	2,100,000
51 to 63 Months	0.0469	0.0620	0.5547	0.0553	2,500,000
63 to 75 Months	0.0254	0.0016	0.5263	0.0129	3,000,000
75 to 87 Months	0.0141	0.0195	0.5193	0.0169	3,600,000
87 to 99 Months	0.0053	0.0203	0.4879	0.0126	4,200,000
99 to 111 Months	0.0023	0.0001	0.4387	0.0013	5,100,000
111 to 123 Months	0.0023	-0.0002	0.3681	0.0014	6,000,000
123 to 135 Months	0.0010	0.0000	0.3446	0.0007	7,200,000
135 to 147 Months	0.0017	0.0000	0.3809	0.0011	8,600,000
147 to 159 Months	0.0003	0.0000	0.3358	0.0002	10,200,000
159 to 171 Months	0.0003	0.0000	0.2564	0.0002	12,200,000
171 to Ultimate	A multistate ratio of 0.0000 has been used.				

Cumulative Incremental Factors

Months-to-Ultimate	15	27	39	51	63	75	87
	0.362	0.300	0.190	0.103	0.047	0.034	0.018

Months-to-Ultimate	99	111	123	135	147	159	171
	0.005	0.004	0.002	0.002	0.000	0.000	0.000

Full coverage

A.Y.E	Reported ALAE as of 6/30/2021	$500,000 Ultimate Indemnity	ALAE Factor	Additional ALAE	Ultimate ALAE
3/31/2019	1,055,669	4,296,377	0.190	818,030	1,873,699
3/31/2020	651,006	4,657,303	0.300	1,398,122	2,049,128
3/31/2021	38,874	947,802	0.362	343,294	382,168

Deductible Coverage

A.Y.E	Reported ALAE as of 6/30/2021	$500,000 Ultimate Indemnity	ALAE Factor	Additional ALAE	Ultimate ALAE
3/31/2019	239,181	688,795	0.190	131,147	370,328
3/31/2020	73,865	1,110,730	0.300	333,441	407,306
3/31/2021	5,513	74,262	0.362	26,898	32,411

(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) x (4)} + {(2) x {1.000 - (4)}}

ARIZONA

Premises/Operations

Manufacturers & Contractors
Property Damage
Full Coverage
Incurred Losses Excluding ALAE

Calculation of Loss Development Factors

	(1)	(2)	(3)	(4)	(5)
	Evaluation Period	Multistate Ratio (A)	State Ratio (B)	Credibility (C)	Weighted Ratio (D)	Credibility Constant (K_i)
	15 to 27 Months	1.132	1.224	0.6651	1.193	2,600,000
	27 to 39 Months	1.053	1.042	0.6395	1.046	2,800,000
	39 to 51 Months	1.022	1.073	0.6066	1.053	2,900,000
	51 to 63 Months	1.010	1.042	0.6277	1.030	3,100,000
	63 to 75 Months	1.009	1.013	0.6005	1.011	3,300,000
	75 to 87 Months	1.008	0.970	0.5886	0.986	3,400,000
	87 to 99 Months	1.006	1.003	0.5448	1.004	3,600,000
	99 to 111 Months	1.004	0.997	0.5185	1.000	3,800,000
	111 to 123 Months	1.001	1.000	0.4871	1.001	4,000,000
	123 to 135 Months	1.003	0.992	0.4405	0.998	4,200,000
	135 to 147 Months	1.002	1.000	0.4412	1.001	4,400,000
	147 to 159 Months	1.002	1.013	0.3977	1.006	4,700,000
	159 to 171 Months	1.001	0.996	0.4269	0.999	4,900,000
	171 to 183 Months	1.000	1.000	0.3895	1.000	5,200,000
	183 to 195 Months	1.000	1.000	0.3696	1.000	5,400,000
	195 to 207 Months	1.001	1.000	0.3373	1.001	5,700,000
	207 to 219 Months	1.001	1.000	0.3295	1.001	6,100,000
	219 to 231 Months	1.001	1.000	0.2613	1.001	6,400,000
	231 to 243 Months	1.001	1.000	0.1363	1.001	6,700,000
	243 to Ultimate	The Multistate ratio has been used.				

Accident Year Ending	27:15	39:27	Loss Development From 51:39	63:51	75:63	87:75	99:87	111:99	123:111	135:123	147:135
12/31/2018			1.053	1.030	1.011	0.986	1.004	1.000	1.001	0.998	1.001
12/31/2019		1.046	1.053	1.030	1.011	0.986	1.004	1.000	1.001	0.998	1.001
12/31/2020	1.193	1.046	1.053	1.030	1.011	0.986	1.004	1.000	1.001	0.998	1.001

	159:147	171:159	183:171	195:183	207:195	219:207	231:219	243:231	ULT:243		Factor
12/31/2018	1.006	0.999	1.000	1.000	1.001	1.001	1.001	1.001	1.003		1.098
12/31/2019	1.006	0.999	1.000	1.000	1.001	1.001	1.001	1.001	1.003		1.149
12/31/2020	1.006	0.999	1.000	1.000	1.001	1.001	1.001	1.001	1.003		1.371

(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) x (4)} + {(2) x {1.000 - (4)}}

ARIZONA

Premises/Operations

Manufacturers & Contractors
Property Damage
Full and Deductible Coverage
ALAE

Calculation of Cumulative Incremental Factors

	(1)	(2)	(3)	(4)	(5)
	Evaluation Period	Multistate Ratio (A)	State Ratio (B)	Credibility (C)	Weighted Ratio (D)	Credibility Constant (K_i)
15 to 27 Months	0.0396	0.0409	0.6651	0.0405	2,600,000
27 to 39 Months	0.0441	0.0383	0.6395	0.0404	2,800,000
39 to 51 Months	0.0428	0.0482	0.6066	0.0461	2,900,000
51 to 63 Months	0.0310	0.0562	0.6277	0.0468	3,100,000
63 to 75 Months	0.0154	0.0310	0.6005	0.0248	3,300,000
75 to 87 Months	0.0124	-0.0012	0.5886	0.0044	3,400,000
87 to 99 Months	0.0109	0.0114	0.5448	0.0112	3,600,000
99 to 111 Months	0.0062	0.0005	0.5185	0.0032	3,800,000
111 to 123 Months	0.0083	0.0110	0.4871	0.0096	4,000,000
123 to 135 Months	0.0034	0.0039	0.4405	0.0036	4,200,000
135 to 147 Months	0.0045	0.0000	0.4412	0.0025	4,400,000
147 to 159 Months	0.0044	0.0141	0.3977	0.0083	4,700,000
159 to 171 Months	0.0020	0.0000	0.4269	0.0011	4,900,000
171 to Ultimate	A multistate ratio of 0.0000 has been used.				

Cumulative Incremental Factors

Months-to-Ultimate	15	27	39	51	63	75	87
	0.243	0.202	0.162	0.116	0.069	0.044	0.040

Months-to-Ultimate	99	111	123	135	147	159	171
	0.028	0.025	0.016	0.012	0.009	0.001	0.000

Full coverage

A.Y.E	Reported ALAE as of 6/30/2021	$500,000 Ultimate Indemnity	ALAE Factor	Additional ALAE	Ultimate ALAE
3/31/2019	218,350	4,049,752	0.162	654,440	872,790
3/31/2020	263,236	3,835,282	0.202	774,727	1,037,963
3/31/2021	95,965	4,628,405	0.243	1,122,388	1,218,353

Deductible Coverage

A.Y.E	Reported ALAE as of 6/30/2021	$500,000 Ultimate Indemnity	ALAE Factor	Additional ALAE	Ultimate ALAE
3/31/2019	593,158	759,602	0.162	122,752	715,910
3/31/2020	175,222	897,859	0.202	181,368	356,590
3/31/2021	40,479	746,833	0.243	181,107	221,586

(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) x (4)} + {(2) x {1.000 - (4)}}

ARIZONA

Premises/Operations

Manufacturers & Contractors
Fringe
Full Coverage
ALAE

Calculation of Cumulative Incremental Factors

	(1)	(2)
	Evaluation Period	Multistate Ratio (A)
15 to 27 Months	0.1434
27 to 39 Months	0.1649
39 to 51 Months	0.1302
51 to 63 Months	0.0566
63 to 75 Months	0.0427
75 to 87 Months	0.0333
87 to 99 Months	0.0143
99 to 111 Months	0.0081
111 to 123 Months	0.0002
123 to 135 Months	0.0006
135 to 147 Months	0.0008
147 to 159 Months	0.0005
159 to 171 Months	0.0003
171 to Ultimate	A multistate ratio of 0.0000 has been used.

Cumulative Incremental Factors

Months-to-Ultimate	15	27	39	51	63	75	87
	0.596	0.453	0.288	0.157	0.101	0.058	0.025

Months-to-Ultimate	99	111	123	135	147	159	171
	0.011	0.002	0.002	0.002	0.001	0.000	0.000

Full coverage

A.Y.E	Reported ALAE as of 6/30/2021	$500,000 Ultimate Indemnity	ALAE Factor	Additional ALAE	Ultimate ALAE
3/31/2019	10,364	125,607	0.288	36,125	46,489
3/31/2020	55,240	25,397	0.453	11,492	66,732
3/31/2021	18,992	232,861	0.596	138,762	157,754

(A) See Exhibit C4 - Multistate Loss Development.

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

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

$100,000 Basic Limit Losses as of :

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
12/31/2001	648,604	949,236	1,058,393	1,126,345	1,099,845	1,127,690	1,118,182	1,157,345	1,157,345	1,157,345	1,157,345
12/31/2002	422,197	395,699	790,700	835,201	855,700	748,222	749,337	814,637	814,637	814,637	814,637
12/31/2003	355,050	467,239	558,668	492,028	536,384	582,384	582,384	582,384	582,384	582,384	582,384
12/31/2004	459,546	881,963	1,219,869	1,124,297	1,179,267	1,129,267	1,159,267	1,159,267	1,159,267	1,159,267	1,159,267
12/31/2005	248,919	831,021	828,943	685,743	737,093	739,916	739,916	739,916	739,916	739,916	739,916
12/31/2006	852,417	1,227,736	1,188,515	1,102,444	1,042,986	963,286	963,286	963,286	963,286	963,286	963,286
12/31/2007	1,179,619	1,834,630	1,863,145	2,297,831	2,449,380	2,376,881	2,303,231	2,303,231	2,503,131	2,503,131	2,503,131
12/31/2008	822,809	1,343,181	1,483,941	1,619,705	1,754,312	1,691,323	1,698,823	1,691,323	1,691,323	1,691,323	1,691,323
12/31/2009	454,225	985,946	1,071,349	1,089,069	1,002,577	1,002,577	1,002,577	1,005,577	1,005,577	1,006,577	1,096,508
12/31/2010	400,497	707,959	877,999	1,007,980	995,186	982,394	990,894	984,237	998,394	1,088,394	1,133,394
12/31/2011	886,937	1,126,800	1,428,187	1,378,392	1,339,516	1,490,646	1,416,627	1,434,483	1,490,603	1,491,596	
12/31/2012	859,279	1,323,829	1,624,572	1,629,520	1,625,370	1,590,767	1,571,180	1,567,318	1,562,298		
12/31/2013	674,955	917,040	1,060,274	1,148,297	1,090,287	986,237	1,013,134	981,237			
12/31/2014	566,575	1,284,392	1,455,218	1,427,285	1,322,571	1,312,571	1,312,571				
12/31/2015	645,134	879,671	833,169	889,943	919,943	1,024,943					
12/31/2016	497,768	574,944	924,501	797,087	797,087						
12/31/2017	1,203,507	1,469,854	1,895,031	1,982,362							
12/31/2018	605,853	858,066	1,108,513								
12/31/2019	868,944	1,505,895									
12/31/2020	347,237										

A.Y.E.	147 Months	159 Months	171 Months	183 Months	195 Months	207 Months	219 Months	231 Months	243 Months
12/31/2001	1,157,345	1,157,345	1,157,345	1,157,345	1,157,345	1,157,345	1,157,345	1,157,345	1,157,345
12/31/2002	760,401	760,401	760,401	760,401	760,401	760,401	760,401	760,401	
12/31/2003	582,384	582,384	582,384	582,384	582,384	582,384	582,384		
12/31/2004	1,159,267	1,159,267	1,159,267	1,159,267	1,159,267	1,159,267			
12/31/2005	739,916	739,916	739,916	739,916	739,916				
12/31/2006	963,286	963,286	963,286	963,286					
12/31/2007	2,503,131	2,503,131	2,503,131						
12/31/2008	1,691,323	1,691,323							
12/31/2009	1,030,989								

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

Link Ratios

A.Y.E.	27:15	39:27	51:39	63:51	75:63	87:75	99:87	111:99	123:111	135:123	147:135
12/31/2001	1.464	1.115	1.064	0.976	1.025	0.992	1.035	1.000	1.000	1.000	1.000
12/31/2002	0.937	1.998	1.056	1.025	0.874	1.001	1.087	1.000	1.000	1.000	0.933
12/31/2003	1.316	1.196	0.881	1.090	1.086	1.000	1.000	1.000	1.000	1.000	1.000
12/31/2004	1.919	1.383	0.922	1.049	0.958	1.027	1.000	1.000	1.000	1.000	1.000
12/31/2005	3.339	0.997	0.827	1.075	1.004	1.000	1.000	1.000	1.000	1.000	1.000
12/31/2006	1.440	0.968	0.928	0.946	0.924	1.000	1.000	1.000	1.000	1.000	1.000
12/31/2007	1.555	1.016	1.233	1.066	0.970	0.969	1.000	1.087	1.000	1.000	1.000
12/31/2008	1.632	1.105	1.091	1.083	0.964	1.004	0.996	1.000	1.000	1.000	1.000
12/31/2009	2.171	1.087	1.017	0.921	1.000	1.000	1.003	1.000	1.001	1.089	0.940
12/31/2010	1.768	1.240	1.148	0.987	0.987	1.009	0.993	1.014	1.090	1.041	
12/31/2011	1.270	1.267	0.965	0.972	1.113	0.950	1.013	1.039	1.001		
12/31/2012	1.541	1.227	1.003	0.997	0.979	0.988	0.998	0.997			
12/31/2013	1.359	1.156	1.083	0.949	0.905	1.027	0.969				
12/31/2014	2.267	1.133	0.981	0.927	0.992	1.000					
12/31/2015	1.364	0.947	1.068	1.034	1.114						
12/31/2016	1.155	1.608	0.862	1.000							
12/31/2017	1.221	1.289	1.046								
12/31/2018	1.416	1.292									
12/31/2019	1.733										
3 Yr Mean	1.457	1.396	0.992	0.987	1.004	1.005	0.993	1.017	1.031	1.043	0.980
Best 3/5	1.334	1.238	1.032	0.982	1.028	0.999	0.998	1.005	1.001	1.014	1.000

A.Y.E.	159:147	171:159	183:171	195:183	207:195	219:207	231:219	243:231
12/31/2001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
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					
12/31/2007	1.000	1.000						
12/31/2008	1.000							
3 Yr Mean	1.000	1.000	1.000	1.000	*1.000*	*1.000*	*1.000*	*1.000*
Best 3/5	1.000	1.000	1.000	1.000	**1.000**	**1.000**	**1.000**	**1.000**

Development From

A.Y.E.	15/ 27	27/ 39	39/ 51	51/ 63	63/ 75	75/ 87	87/ 99	99/111	111/123	123/135	135/147
12/31/2016					1.028	0.999	0.998	1.005	1.001	1.014	1.000
12/31/2017				0.982	1.028	0.999	0.998	1.005	1.001	1.014	1.000
12/31/2018			1.032	0.982	1.028	0.999	0.998	1.005	1.001	1.014	1.000
12/31/2019		1.238	1.032	0.982	1.028	0.999	0.998	1.005	1.001	1.014	1.000
12/31/2020	1.334	1.238	1.032	0.982	1.028	0.999	0.998	1.005	1.001	1.014	1.000

A.Y.E.	147/159	159/171	171/183	183/195	195/207	207/219	219/231	231/243	243/Ult		FACTORS
12/31/2016	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	**1.000**		1.046
12/31/2017	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	**1.000**		1.027
12/31/2018	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	**1.000**		1.060
12/31/2019	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	**1.000**		1.312
12/31/2020	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	**1.000**		1.750

Bold - Calculated Using Modified Bondy Method
Italics - Three year mean Excludes Modified Bondy ratios

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

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
12/31/2001	34,112	59,736	245,838	380,004	420,576	463,423	520,393	552,840	553,129	553,129	553,129
12/31/2002	52,326	90,168	302,453	597,286	679,143	683,143	687,501	683,490	701,732	824,544	911,125
12/31/2003	98,883	116,523	337,059	660,052	742,788	1,016,330	1,015,130	1,015,130	1,015,130	1,015,130	1,015,130
12/31/2004	5,233	71,625	283,732	674,156	804,019	1,069,906	1,178,335	1,199,882	1,214,882	1,289,882	1,289,882
12/31/2005	27,699	130,663	299,750	345,119	361,073	430,289	424,783	422,895	422,895	422,895	422,895
12/31/2006	57,341	177,791	472,824	601,890	806,248	803,849	947,681	977,927	977,927	977,927	977,927
12/31/2007	114,354	418,839	714,506	895,367	1,039,344	1,139,061	1,119,221	1,119,221	1,160,247	1,160,247	1,160,247
12/31/2008	10,907	261,787	641,662	840,668	796,862	821,828	836,863	836,974	836,974	836,974	836,974
12/31/2009	168,503	328,914	536,175	554,622	592,590	607,362	607,362	607,362	607,362	637,626	672,289
12/31/2010	61,486	196,356	393,315	682,686	750,044	746,854	766,431	776,431	806,431	805,810	805,874
12/31/2011	56,153	303,764	612,300	978,910	1,201,221	1,198,182	1,474,917	1,752,866	1,753,593	1,716,302	
12/31/2012	109,424	274,877	1,009,030	1,490,542	2,060,532	2,070,140	2,077,975	2,176,761	2,134,332		
12/31/2013	127,573	376,486	691,326	992,652	1,200,750	1,205,727	1,275,035	1,312,795			
12/31/2014	79,388	403,009	791,534	910,148	978,077	944,555	966,450				
12/31/2015	107,818	263,831	544,416	540,002	541,278	556,278					
12/31/2016	89,046	288,405	364,977	508,089	606,109						
12/31/2017	168,686	324,702	832,843	1,498,237							
12/31/2018	67,524	146,481	375,868								
12/31/2019	261,782	492,736									
12/31/2020	48,386										

A.Y.E	147 Months	159 Months	171 Months	183 Months	195 Months	207 Months	219 Months	231 Months	243 Months
12/31/2001	553,129	553,129	553,129	553,129	553,129	553,129	553,129	553,129	553,129
12/31/2002	935,001	937,092	937,092	937,092	937,092	937,092	937,092	937,092	
12/31/2003	1,015,130	1,015,130	1,015,130	1,015,130	1,015,130	1,015,130	1,015,130		
12/31/2004	1,290,870	1,290,870	1,290,870	1,290,870	1,290,870	1,290,870			
12/31/2005	422,895	422,895	422,895	422,895	422,895				
12/31/2006	977,927	977,927	977,927	977,927					
12/31/2007	1,160,247	1,160,247	1,160,247						
12/31/2008	836,974	836,974							
12/31/2009	635,566								

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

Increments

A.Y.E.	27:15	39:27	51:39	63:51	75:63	87:75	99:87	111:99	123:111	135:123	147:135	159:147	171:159
12/31/2001	25,624	186,102	134,166	40,572	42,847	56,970	32,447	289	0	0	0	0	0
12/31/2002	37,842	212,285	294,833	81,857	4,000	4,358	-4,011	18,242	122,812	86,581	23,876	2,091	0
12/31/2003	17,640	220,536	322,993	82,736	273,542	-1,200	0	0	0	0	0	0	0
12/31/2004	66,392	212,107	390,424	129,863	265,887	108,429	21,547	15,000	75,000	0	988	0	0
12/31/2005	102,964	169,087	45,369	15,954	69,216	-5,506	-1,888	0	0	0	0	0	0
12/31/2006	120,450	295,033	129,066	204,358	-2,399	143,832	30,246	0	0	0	0	0	0
12/31/2007	304,485	295,667	180,861	143,977	99,717	-19,840	0	41,026	0	0	0	0	0
12/31/2008	250,880	379,875	199,006	-43,806	24,966	15,035	111	0	0	0	0	0	
12/31/2009	160,411	207,261	18,447	37,968	14,772	0	0	0	30,264	34,663	-36,723		
12/31/2010	134,870	196,959	289,371	67,358	-3,190	19,577	10,000	30,000	-621	64			
12/31/2011	247,611	308,536	366,610	222,311	-3,039	276,735	277,949	727	-37,291				
12/31/2012	165,453	734,153	481,512	569,990	9,608	7,835	98,786	-42,429					
12/31/2013	248,913	314,840	301,326	208,098	4,977	69,308	37,760						
12/31/2014	323,621	388,525	118,614	67,929	-33,522	21,895							
12/31/2015	156,013	280,585	-4,414	1,276	15,000								
12/31/2016	199,359	76,572	143,112	98,020									
12/31/2017	156,016	508,141	665,394										
12/31/2018	78,957	229,387											
12/31/2019	230,954												

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
12/31/2001	0.0201	0.1460	0.1052	0.0318	0.0336	0.0447	0.0255	0.0002	0.0000	0.0000	0.0000	0.0000	0.0000
12/31/2002	0.0299	0.1678	0.2330	0.0647	0.0032	0.0034	-0.0032	0.0144	0.0971	0.0684	0.0189	0.0017	0.0000
12/31/2003	0.0180	0.2245	0.3288	0.0842	0.2784	-0.0012	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12/31/2004	0.0241	0.0771	0.1419	0.0472	0.0967	0.0394	0.0078	0.0055	0.0273	0.0000	0.0004	0.0000	0.0000
12/31/2005	0.0903	0.1483	0.0398	0.0140	0.0607	-0.0048	-0.0017	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12/31/2006	0.0523	0.1281	0.0560	0.0887	-0.0010	0.0624	0.0131	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12/31/2007	0.0697	0.0677	0.0414	0.0330	0.0228	-0.0045	0.0000	0.0094	0.0000	0.0000	0.0000	0.0000	
12/31/2008	0.1051	0.1592	0.0834	-0.0184	0.0105	0.0063	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
12/31/2009	0.0991	0.1281	0.0114	0.0235	0.0091	0.0000	0.0000	0.0000	0.0187	0.0214	-0.0227		
12/31/2010	0.1041	0.1520	0.2233	0.0520	-0.0025	0.0151	0.0077	0.0231	-0.0005	0.0000			
12/31/2011	0.0903	0.1126	0.1338	0.0811	-0.0011	0.1010	0.1014	0.0003	-0.0136				
12/31/2012	0.0579	0.2568	0.1684	0.1993	0.0034	0.0027	0.0345	-0.0148					
12/31/2013	0.1237	0.1565	0.1498	0.1034	0.0025	0.0344	0.0188						
12/31/2014	0.1333	0.1601	0.0489	0.0280	-0.0138	0.0090							
12/31/2015	0.0865	0.1556	-0.0024	0.0007	0.0083								
12/31/2016	0.1109	0.0426	0.0796	0.0545									
12/31/2017	0.0364	0.1186	0.1553										
12/31/2018	0.0309	0.0897											
12/31/2019	0.0554												
Best 3/5	0.0594	0.1213	0.0928	0.0620	0.0016	0.0195	0.0203	0.0001	-0.0002	0.0000	0.0000	0.0000	0.0000

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

$100,000 Basic Limit Losses as of :

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
12/31/2001	562,275	643,398	764,911	1,003,098	983,158	1,048,121	1,044,324	1,117,397	1,056,882	1,056,882	1,056,882
12/31/2002	1,025,479	997,409	1,213,998	1,190,343	1,190,343	1,205,920	1,212,335	1,212,335	1,207,336	1,207,336	1,207,336
12/31/2003	711,066	896,380	795,330	623,085	742,938	742,940	773,736	758,670	757,171	768,691	768,690
12/31/2004	815,358	980,376	1,017,424	951,050	951,050	972,964	982,609	957,610	957,610	957,610	957,611
12/31/2005	1,071,257	1,259,746	1,276,162	1,318,133	1,314,134	1,364,884	1,339,884	1,499,884	1,499,884	1,512,134	1,477,884
12/31/2006	890,487	832,702	839,541	788,613	855,212	851,986	851,986	871,986	897,986	877,086	860,736
12/31/2007	1,203,986	1,326,204	1,270,913	1,191,757	1,235,207	1,235,207	1,275,312	1,275,309	1,275,217	1,275,213	1,275,207
12/31/2008	1,045,743	880,027	1,002,367	993,625	980,513	930,517	978,015	933,118	933,263	948,013	942,125
12/31/2009	1,181,965	1,284,749	1,199,149	1,191,559	1,238,968	1,267,893	1,256,600	1,334,061	1,264,690	1,256,936	1,256,934
12/31/2010	989,060	960,362	988,064	1,065,067	1,163,317	1,190,443	1,080,440	1,081,448	1,101,448	1,101,438	1,081,438
12/31/2011	1,321,760	1,266,972	1,402,475	1,401,515	1,456,771	1,430,287	1,444,318	1,450,262	1,433,252	1,433,249	
12/31/2012	1,194,362	1,458,493	1,472,724	1,484,632	1,539,962	1,558,669	1,554,672	1,561,023	1,566,023		
12/31/2013	1,022,493	1,068,856	1,458,462	1,305,455	1,275,241	1,309,389	1,309,389	1,309,389			
12/31/2014	1,326,180	1,816,106	1,855,076	1,978,052	1,997,302	1,997,302	1,822,302				
12/31/2015	1,030,662	1,384,041	1,421,854	1,565,603	1,687,854	1,810,249					
12/31/2016	989,921	1,439,774	1,416,339	1,682,872	1,885,372						
12/31/2017	1,348,957	1,516,272	1,632,819	1,719,696							
12/31/2018	1,933,140	2,011,418	2,376,159								
12/31/2019	1,881,288	2,264,555									
12/31/2020	1,537,300										

A.Y.E.	147 Months	159 Months	171 Months	183 Months	195 Months	207 Months	219 Months	231 Months	243 Months
12/31/2001	1,056,882	1,056,882	1,056,882	1,056,882	1,056,882	1,056,882	1,056,882	1,056,882	1,056,882
12/31/2002	1,207,336	1,207,336	1,207,336	1,207,336	1,207,336	1,207,336	1,207,336	1,207,336	
12/31/2003	768,690	768,672	733,410	733,410	733,410	733,410	733,410		
12/31/2004	957,612	957,610	957,610	957,610	960,637	960,637			
12/31/2005	1,474,634	1,474,634	1,474,634	1,474,634	1,474,634				
12/31/2006	860,736	885,736	885,736	875,736					
12/31/2007	1,275,207	1,290,207	1,275,207						
12/31/2008	967,125	992,125							
12/31/2009	1,256,934								

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

Link Ratios

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
12/31/2001	1.144	1.189	1.311	0.980	1.066	0.996	1.070	0.946	1.000	1.000	1.000
12/31/2002	0.973	1.217	0.981	1.000	1.013	1.005	1.000	0.996	1.000	1.000	1.000
12/31/2003	1.261	0.887	0.783	1.192	1.000	1.041	0.981	0.998	1.015	1.000	1.000
12/31/2004	1.202	1.038	0.935	1.000	1.023	1.010	0.975	1.000	1.000	1.000	1.000
12/31/2005	1.176	1.013	1.033	0.997	1.039	0.982	1.119	1.000	1.008	0.977	0.998
12/31/2006	0.935	1.008	0.939	1.084	0.996	1.000	1.023	1.030	0.977	0.981	1.000
12/31/2007	1.102	0.958	0.938	1.036	1.000	1.032	1.000	1.000	1.000	1.000	1.000
12/31/2008	0.842	1.139	0.991	0.987	0.949	1.051	0.954	1.000	1.016	0.994	1.027
12/31/2009	1.087	0.933	0.994	1.040	1.023	0.991	1.062	0.948	0.994	1.000	1.000
12/31/2010	0.971	1.029	1.078	1.092	1.023	0.908	1.001	1.018	1.000	0.982	
12/31/2011	0.959	1.107	0.999	1.039	0.982	1.010	1.004	0.988	1.000		
12/31/2012	1.221	1.010	1.008	1.037	1.012	0.997	1.004	1.003			
12/31/2013	1.045	1.365	0.895	0.977	1.027	1.000	1.000				
12/31/2014	1.369	1.021	1.066	1.010	1.000	0.912					
12/31/2015	1.343	1.027	1.101	1.078	1.073						
12/31/2016	1.454	0.984	1.188	1.120							
12/31/2017	1.124	1.077	1.053								
12/31/2018	1.040	1.181									
12/31/2019	1.204										
3 Yr Mean	1.123	1.081	1.114	1.069	1.033	0.970	1.003	1.003	0.998	0.992	1.009
Best 3/5	1.224	1.042	1.073	1.042	1.013	0.970	1.003	0.997	1.000	0.992	1.000

A.Y.E.	159:147	171:159	183:171	195:183	207:195	219:207	231:219	243:231
12/31/2001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
12/31/2002	1.000	1.000	1.000	1.000	1.000	1.000	1.000	**1.000**
12/31/2003	1.000	0.954	1.000	1.000	1.000	1.000	**1.000**	**1.000**
12/31/2004	1.000	1.000	1.000	1.003	1.000	**1.000**	**1.000**	**1.000**
12/31/2005	1.000	1.000	1.000	1.000	**1.000**	**1.000**	**1.000**	**1.000**
12/31/2006	1.029	1.000	0.989					
12/31/2007	1.012	0.988						
12/31/2008	1.026							
3 Yr Mean	1.022	0.996	0.996	1.001	*1.000*	*1.000*	*1.000*	*1.000*
Best 3/5	1.013	0.996	1.000	1.000	**1.000**	**1.000**	**1.000**	**1.000**

Development From

A.Y.E.	15/ 27	27/ 39	39/ 51	51/ 63	63/ 75	75/ 87	87/ 99	99/111	111/123	123/135	135/147
12/31/2016					1.013	0.970	1.003	0.997	1.000	0.992	1.000
12/31/2017				1.042	1.013	0.970	1.003	0.997	1.000	0.992	1.000
12/31/2018			1.073	1.042	1.013	0.970	1.003	0.997	1.000	0.992	1.000
12/31/2019		1.042	1.073	1.042	1.013	0.970	1.003	0.997	1.000	0.992	1.000
12/31/2020	1.224	1.042	1.073	1.042	1.013	0.970	1.003	0.997	1.000	0.992	1.000

A.Y.E.	147/159	159/171	171/183	183/195	195/207	207/219	219/231	231/243	243/Ult		FACTORS
12/31/2016	1.013	0.996	1.000	1.000	1.000	1.000	1.000	1.000	**1.000**		0.983
12/31/2017	1.013	0.996	1.000	1.000	1.000	1.000	1.000	1.000	**1.000**		1.025
12/31/2018	1.013	0.996	1.000	1.000	1.000	1.000	1.000	1.000	**1.000**		1.100
12/31/2019	1.013	0.996	1.000	1.000	1.000	1.000	1.000	1.000	**1.000**		1.146
12/31/2020	1.013	0.996	1.000	1.000	1.000	1.000	1.000	1.000	**1.000**		1.402

Bold - Calculated Using Modified Bondy Method
Italics - Three year mean Excludes Modified Bondy ratios

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

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
12/31/2001	20,701	135,828	369,040	454,375	539,016	544,641	559,150	584,149	594,148	583,473	583,473
12/31/2002	55,249	55,774	106,979	115,224	143,199	141,990	141,227	141,227	141,227	141,227	141,227
12/31/2003	42,676	65,514	257,020	288,667	514,821	525,435	547,220	546,041	547,522	638,810	685,906
12/31/2004	7,379	24,887	88,770	135,348	136,097	152,497	167,740	168,225	168,225	168,225	168,225
12/31/2005	27,992	214,968	267,220	478,301	487,054	693,904	776,238	897,577	897,579	925,343	955,210
12/31/2006	57,995	51,487	76,708	98,522	108,614	92,567	92,567	112,567	137,568	140,569	131,591
12/31/2007	125,612	189,674	433,315	381,473	379,363	379,573	414,574	415,073	414,571	415,811	416,025
12/31/2008	15,125	46,135	182,219	219,084	197,497	201,637	376,460	495,110	481,194	506,757	515,182
12/31/2009	42,018	199,196	324,462	456,086	451,687	472,608	487,198	566,001	592,528	612,728	621,497
12/31/2010	28,805	223,820	270,494	246,696	294,715	865,525	897,593	902,593	906,536	936,054	953,740
12/31/2011	231,838	263,570	304,761	375,785	455,085	394,754	532,373	463,511	463,511	463,506	
12/31/2012	460,959	930,097	651,155	703,263	704,837	831,708	812,613	892,933	888,892		
12/31/2013	350,581	409,721	518,716	450,747	571,876	639,386	569,495	569,495			
12/31/2014	239,993	428,369	607,199	968,437	989,354	947,013	878,164				
12/31/2015	50,175	84,994	106,793	633,586	882,787	1,515,984					
12/31/2016	43,433	140,409	232,853	276,839	500,273						
12/31/2017	68,658	200,678	331,696	375,862							
12/31/2018	116,495	244,867	354,282								
12/31/2019	178,375	389,488									
12/31/2020	86,303										

A.Y.E	147 Months	159 Months	171 Months	183 Months	195 Months	207 Months	219 Months	231 Months	243 Months
12/31/2001	583,473	583,473	583,473	583,473	583,473	583,473	583,473	583,473	583473
12/31/2002	141,227	141,227	141,227	141,227	141,227	141,227	141,227	141227	
12/31/2003	902,294	1,202,511	1,202,511	1,202,511	1,202,511	1,202,511	1202511		
12/31/2004	174,028	174,028	174,028	174,028	174,028	174028			
12/31/2005	937,521	947,521	962,522	962,522	962522				
12/31/2006	131,591	187,691	187,689	161588					
12/31/2007	416,025	441,025	420429						
12/31/2008	565,182	590186							
12/31/2009	621,497								

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

Increments

A.Y.E.	27:15	39:27	51:39	63:51	75:63	87:75	99:87	111:99	123:111	135:123	147:135	159:147	171:159
12/31/2001	115,127	233,212	85,335	84,641	5,625	14,509	24,999	9,999	-10,675	0	0	0	0
12/31/2002	525	51,205	8,245	27,975	-1,209	-763	0	0	0	0	0	0	0
12/31/2003	22,838	191,506	31,647	226,154	10,614	21,785	-1,179	1,481	91,288	47,096	216,388	300,217	0
12/31/2004	17,508	63,883	46,578	749	16,400	15,243	485	0	0	0	5,803	0	0
12/31/2005	186,976	52,252	211,081	8,753	206,850	82,334	121,339	2	27,764	29,867	-17,689	10,000	15,001
12/31/2006	-6,508	25,221	21,814	10,092	-16,047	0	20,000	25,001	3,001	-8,978	0	56,100	-2
12/31/2007	64,062	243,641	-51,842	-2,110	210	35,001	499	-502	1,240	214	0	25,000	-20,596
12/31/2008	31,010	136,084	36,865	-21,587	4,140	174,823	118,650	-13,916	25,563	8,425	50,000	25,004	
12/31/2009	157,178	125,266	131,624	-4,399	20,921	14,590	78,803	26,527	20,200	8,769	0		
12/31/2010	195,015	46,674	-23,798	48,019	570,810	32,068	5,000	3,943	29,518	17,686			
12/31/2011	31,732	41,191	71,024	79,300	-60,331	137,619	-68,862	0	-5				
12/31/2012	469,138	-278,942	52,108	1,574	126,871	-19,095	80,320	-4,041					
12/31/2013	59,140	108,995	-67,969	121,129	67,510	-69,891	0						
12/31/2014	188,376	178,830	361,238	20,917	-42,341	-68,849							
12/31/2015	34,819	21,799	526,793	249,201	633,197								
12/31/2016	96,976	92,444	43,986	223,434									
12/31/2017	132,020	131,018	44,166										
12/31/2018	128,372	109,415											
12/31/2019	211,113												

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
12/31/2001	0.0563	0.1140	0.0417	0.0414	0.0028	0.0071	0.0122	0.0049	-0.0052	0.0000	0.0000	0.0000	0.0000
12/31/2002	0.0002	0.0201	0.0032	0.0110	-0.0005	-0.0003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12/31/2003	0.0177	0.1488	0.0246	0.1757	0.0082	0.0169	-0.0009	0.0012	0.0709	0.0366	0.1681	0.2333	0.0000
12/31/2004	0.0137	0.0502	0.0366	0.0006	0.0129	0.0120	0.0004	0.0000	0.0000	0.0000	0.0046	0.0000	0.0000
12/31/2005	0.0756	0.0211	0.0854	0.0035	0.0837	0.0333	0.0491	0.0000	0.0112	0.0121	-0.0072	0.0040	0.0061
12/31/2006	-0.0049	0.0190	0.0164	0.0076	-0.0121	0.0000	0.0151	0.0189	0.0023	-0.0068	0.0000	0.0423	0.0000
12/31/2007	0.0353	0.1342	-0.0286	-0.0012	0.0001	0.0193	0.0003	-0.0003	0.0007	0.0001	0.0000	0.0138	-0.0113
12/31/2008	0.0302	0.1326	0.0359	-0.0210	0.0040	0.1704	0.1156	-0.0136	0.0249	0.0082	0.0487	0.0244	
12/31/2009	0.0599	0.0478	0.0502	-0.0017	0.0080	0.0056	0.0300	0.0101	0.0077	0.0033	0.0000		
12/31/2010	0.1625	0.0389	-0.0198	0.0400	0.4755	0.0267	0.0042	0.0033	0.0246	0.0147			
12/31/2011	0.0163	0.0212	0.0366	0.0408	-0.0311	0.0708	-0.0354	0.0000	0.0000				
12/31/2012	0.2125	-0.1264	0.0236	0.0007	0.0575	-0.0087	0.0364	-0.0018					
12/31/2013	0.0428	0.0789	-0.0492	0.0877	0.0489	-0.0506	0.0000						
12/31/2014	0.0590	0.0560	0.1132	0.0066	-0.0133	-0.0216							
12/31/2015	0.0129	0.0081	0.1948	0.0922	0.2341								
12/31/2016	0.0322	0.0307	0.0146	0.0743									
12/31/2017	0.0505	0.0501	0.0169										
12/31/2018	0.0399	0.0340											
12/31/2019	0.0621												
Best 3/5	0.0409	0.0383	0.0482	0.0562	0.0310	-0.0012	0.0114	0.0005	0.0110	0.0039	0.0000	0.0141	0.0000

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

$100,000 Basic Limit Losses as of :

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
12/31/2001	59,994,333	102,363,754	135,728,274	146,671,011	152,239,669	149,707,798	146,737,298	146,035,068	145,708,505	145,885,081	145,770,965
12/31/2002	51,153,250	83,882,796	109,276,902	127,354,966	125,207,877	122,808,211	121,408,028	120,747,284	120,939,771	120,840,034	120,958,743
12/31/2003	52,038,382	80,612,746	115,275,727	125,600,482	121,206,185	119,264,187	118,310,405	116,500,108	116,416,468	115,966,828	115,898,360
12/31/2004	53,246,606	88,244,508	112,625,574	117,415,793	113,678,269	111,705,883	110,750,570	110,036,978	110,257,501	110,264,397	110,327,530
12/31/2005	55,993,097	87,578,648	111,205,169	118,543,060	116,611,536	113,532,741	112,863,765	112,201,176	112,299,524	111,986,535	111,930,402
12/31/2006	54,694,682	83,435,875	102,849,952	109,380,803	108,099,115	108,636,438	108,675,922	107,493,334	107,386,406	107,065,121	106,858,689
12/31/2007	59,259,588	87,564,655	114,016,672	122,378,944	121,159,603	121,578,936	120,768,684	120,920,199	120,315,802	119,716,797	119,974,464
12/31/2008	62,417,015	95,938,367	118,388,195	126,159,995	125,284,023	124,521,286	125,612,467	123,824,687	124,027,895	124,116,738	124,232,878
12/31/2009	63,320,796	95,106,293	119,186,091	128,401,806	128,277,442	126,649,374	124,827,796	125,133,676	124,952,651	125,502,510	125,452,049
12/31/2010	64,184,611	95,454,657	122,551,024	130,547,109	130,665,337	129,095,400	129,608,221	129,114,642	129,710,903	129,525,947	129,441,759
12/31/2011	72,568,964	105,707,682	132,301,169	142,526,672	140,494,830	140,129,051	138,719,312	138,663,030	138,514,710	138,283,471	
12/31/2012	55,409,914	86,025,471	110,289,057	114,463,518	116,122,211	117,028,946	117,554,617	117,631,507	117,788,558		
12/31/2013	56,681,439	88,454,731	110,191,796	121,550,076	125,088,505	124,485,048	123,327,357	123,024,234			
12/31/2014	60,536,464	95,184,371	125,534,492	135,493,089	137,755,944	137,205,261	137,322,317				
12/31/2015	52,388,803	86,088,961	114,677,156	123,773,398	126,562,401	126,343,499					
12/31/2016	52,458,297	86,390,834	114,317,451	125,424,277	128,041,974						
12/31/2017	56,108,790	90,839,379	117,825,570	128,711,171							
12/31/2018	56,323,911	95,463,096	123,434,098								
12/31/2019	56,948,170	90,372,462									
12/31/2020	47,790,341										

A.Y.E	147 Months	159 Months	171 Months	183 Months	195 Months	207 Months	219 Months	231 Months	243 Months
12/31/2001	145,510,460	145,633,264	145,813,280	145,409,399	145,469,308	145,555,199	145,462,799	145,577,899	145,579,299
12/31/2002	121,099,827	120,980,380	120,821,984	120,802,661	120,775,152	120,880,320	120,959,110	120,958,553	
12/31/2003	115,837,298	116,056,340	115,876,248	115,884,354	115,890,853	116,024,312	116,021,781		
12/31/2004	110,444,389	110,590,188	110,528,037	110,659,219	110,734,163	110,716,393			
12/31/2005	111,889,091	111,964,828	112,158,824	112,199,658	112,289,158				
12/31/2006	106,731,915	106,978,532	107,117,468	107,088,292					
12/31/2007	120,040,725	120,121,810	120,216,267						
12/31/2008	124,264,571	124,428,441							
12/31/2009	125,718,348								

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.	27:15	39:27	51:39	63:51	75:63	87:75	99:87	111:99	123:111	135:123	147:135
12/31/2001	1.706	1.326	1.081	1.038	0.983	0.980	0.995	0.998	1.001	0.999	0.998
12/31/2002	1.640	1.303	1.165	0.983	0.981	0.989	0.995	1.002	0.999	1.001	1.001
12/31/2003	1.549	1.430	1.090	0.965	0.984	0.992	0.985	0.999	0.996	0.999	0.999
12/31/2004	1.657	1.276	1.043	0.968	0.983	0.991	0.994	1.002	1.000	1.001	1.001
12/31/2005	1.564	1.270	1.066	0.984	0.974	0.994	0.994	1.001	0.997	0.999	1.000
12/31/2006	1.525	1.233	1.063	0.988	1.005	1.000	0.989	0.999	0.997	0.998	0.999
12/31/2007	1.478	1.302	1.073	0.990	1.003	0.993	1.001	0.995	0.995	1.002	1.001
12/31/2008	1.537	1.234	1.066	0.993	0.994	1.009	0.986	1.002	1.001	1.001	1.000
12/31/2009	1.502	1.253	1.077	0.999	0.987	0.986	1.002	0.999	1.004	1.000	1.002
12/31/2010	1.487	1.284	1.065	1.001	0.988	1.004	0.996	1.005	0.999	0.999	
12/31/2011	1.457	1.252	1.077	0.986	0.997	0.990	1.000	0.999	0.998		
12/31/2012	1.553	1.282	1.038	1.014	1.008	1.004	1.001	1.001			
12/31/2013	1.561	1.246	1.103	1.029	0.995	0.991	0.998				
12/31/2014	1.572	1.319	1.079	1.017	0.996	1.001					
12/31/2015	1.643	1.332	1.079	1.023	0.998						
12/31/2016	1.647	1.323	1.097	1.021							
12/31/2017	1.619	1.297	1.092								
12/31/2018	1.695	1.293									
12/31/2019	1.587										
3 Yr Mean	1.634	1.304	1.089	1.020	0.996	0.999	1.000	1.002	1.000	1.000	1.001
Best 3/5	1.636	1.313	1.089	1.020	0.997	0.999	1.000	1.001	0.999	1.000	1.000

A.Y.E.	159:147	171:159	183:171	195:183	207:195	219:207	231:219	243:231
12/31/2001	1.001	1.001	0.997	1.000	1.001	0.999	1.001	1.000
12/31/2002	0.999	0.999	1.000	1.000	1.001	1.001	1.000	**1.000**
12/31/2003	1.002	0.998	1.000	1.000	1.001	1.000	**1.000**	**1.000**
12/31/2004	1.001	0.999	1.001	1.001	1.000	**1.001**	**1.000**	**1.000**
12/31/2005	1.001	1.002	1.000	1.001	**1.000**	**1.001**	**1.000**	**1.000**
12/31/2006	1.002	1.001	1.000					
12/31/2007	1.001	1.001						
12/31/2008	1.001							
3 Yr Mean	1.001	1.001	1.000	1.001	*1.001*	*1.000*	*1.001*	*1.000*
Best 3/5	1.001	1.000	1.000	1.000	**1.001**	**1.001**	**1.000**	**1.000**

Development From

A.Y.E.	15/ 27	27/ 39	39/ 51	51/ 63	63/ 75	75/ 87	87/ 99	99/111	111/123	123/135	135/147
12/31/2016					0.997	0.999	1.000	1.001	0.999	1.000	1.000
12/31/2017				1.020	0.997	0.999	1.000	1.001	0.999	1.000	1.000
12/31/2018			1.089	1.020	0.997	0.999	1.000	1.001	0.999	1.000	1.000
12/31/2019		1.313	1.089	1.020	0.997	0.999	1.000	1.001	0.999	1.000	1.000
12/31/2020	1.636	1.313	1.089	1.020	0.997	0.999	1.000	1.001	0.999	1.000	1.000

A.Y.E	147/159	159/171	171/183	183/195	195/207	207/219	219/231	231/243	243/Ult		FACTORS
12/31/2016	1.001	1.000	1.000	1.000	1.001	1.001	1.000	1.000	**1.000**		0.999
12/31/2017	1.001	1.000	1.000	1.000	1.001	1.001	1.000	1.000	**1.000**		1.019
12/31/2018	1.001	1.000	1.000	1.000	1.001	1.001	1.000	1.000	**1.000**		1.110
12/31/2019	1.001	1.000	1.000	1.000	1.001	1.001	1.000	1.000	**1.000**		1.457
12/31/2020	1.001	1.000	1.000	1.000	1.001	1.001	1.000	1.000	**1.000**		2.384

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 :

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
12/31/2001	5,631,194	10,552,148	15,435,083	14,339,016	15,590,551	16,180,841	15,819,617	15,242,813	15,530,611	15,585,035	15,567,410
12/31/2002	5,568,848	10,366,207	13,274,835	14,809,425	15,562,405	15,409,049	14,940,002	14,924,899	14,653,164	14,587,640	14,558,516
12/31/2003	6,582,574	10,069,982	14,269,418	16,000,134	14,884,701	14,071,155	13,945,114	13,788,984	13,838,804	13,813,489	14,163,454
12/31/2004	6,426,935	11,221,218	17,067,144	16,982,247	17,145,015	16,598,015	15,985,380	15,699,460	15,423,995	15,108,833	15,071,987
12/31/2005	8,314,969	13,390,152	17,871,655	18,756,424	19,119,810	18,288,611	18,057,792	17,694,505	17,571,642	17,611,913	17,704,171
12/31/2006	9,495,525	14,709,867	17,173,692	18,422,118	18,999,328	18,582,936	18,770,766	18,601,712	18,592,479	18,405,143	18,593,652
12/31/2007	8,974,057	12,810,745	17,333,398	18,153,607	18,807,442	18,461,705	18,479,624	18,827,727	18,797,084	18,915,763	18,829,095
12/31/2008	10,273,775	13,509,497	17,205,235	18,541,548	18,858,790	19,233,072	18,876,363	18,734,735	18,591,719	18,683,152	18,719,625
12/31/2009	9,981,890	14,394,493	16,722,087	18,280,477	18,704,228	19,432,394	19,423,980	19,389,924	19,588,892	19,650,321	19,691,776
12/31/2010	10,596,659	13,772,739	17,946,859	19,679,919	19,904,010	19,310,770	18,923,069	18,892,612	18,774,236	18,673,486	18,661,036
12/31/2011	10,013,406	13,922,084	18,439,230	20,160,820	20,274,763	20,380,943	20,312,300	20,255,971	20,288,701	20,296,688	
12/31/2012	6,207,733	14,494,147	18,716,501	18,980,658	19,367,962	19,583,528	19,416,088	19,618,669	19,430,416		
12/31/2013	9,140,411	15,282,911	17,791,671	21,159,329	22,186,988	21,996,965	22,090,532	22,057,266			
12/31/2014	10,210,463	14,455,967	20,797,707	24,631,125	25,658,509	25,393,844	25,379,307				
12/31/2015	9,791,676	16,318,699	22,552,261	25,449,228	25,694,235	25,340,331					
12/31/2016	9,097,941	15,112,407	20,531,029	22,628,080	24,266,328						
12/31/2017	11,014,959	19,362,497	26,527,729	28,357,023							
12/31/2018	8,890,791	16,844,513	22,896,886								
12/31/2019	9,614,933	15,027,222									
12/31/2020	7,769,576										

A.Y.E.	147 Months	159 Months	171 Months	183 Months	195 Months	207 Months	219 Months	231 Months	243 Months
12/31/2001	15,536,426	15,887,263	15,884,233	15,884,233	15,881,732	15,889,732	15,884,233	15,906,733	15,906,733
12/31/2002	15,453,887	15,401,023	15,392,921	15,392,921	15,461,921	15,461,921	15,461,921	15,461,921	
12/31/2003	14,119,264	14,119,264	14,042,764	14,044,264	14,044,264	14,038,065	14,038,065		
12/31/2004	15,115,569	15,070,468	15,105,468	15,105,468	15,105,468	15,105,468			
12/31/2005	17,911,992	17,878,922	17,956,421	17,956,421	17,956,421				
12/31/2006	18,513,212	18,810,211	18,814,712	18,814,711					
12/31/2007	18,752,443	18,751,193	18,751,193						
12/31/2008	18,771,564	18,711,976							
12/31/2009	19,691,775								

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

Link Ratios

A.Y.E.	27:15	39:27	51:39	63:51	75:63	87:75	99:87	111:99	123:111	135:123	147:135
12/31/2001	1.874	1.463	0.929	1.087	1.038	0.978	0.964	1.019	1.004	0.999	0.998
12/31/2002	1.861	1.281	1.116	1.051	0.990	0.970	0.999	0.982	0.996	0.998	1.062
12/31/2003	1.530	1.417	1.121	0.930	0.945	0.991	0.989	1.004	0.998	1.025	0.997
12/31/2004	1.746	1.521	0.995	1.010	0.968	0.963	0.982	0.982	0.980	0.998	1.003
12/31/2005	1.610	1.335	1.050	1.019	0.957	0.987	0.980	0.993	1.002	1.005	1.012
12/31/2006	1.549	1.167	1.073	1.031	0.978	1.010	0.991	1.000	0.990	1.010	0.996
12/31/2007	1.428	1.353	1.047	1.036	0.982	1.001	1.019	0.998	1.006	0.995	0.996
12/31/2008	1.315	1.274	1.078	1.017	1.020	0.981	0.992	0.992	1.005	1.002	1.003
12/31/2009	1.442	1.162	1.093	1.023	1.039	1.000	0.998	1.010	1.003	1.002	1.000
12/31/2010	1.300	1.303	1.097	1.011	0.970	0.980	0.998	0.994	0.995	0.999	
12/31/2011	1.390	1.324	1.093	1.006	1.005	0.997	0.997	1.002	1.000		
12/31/2012	2.335	1.291	1.014	1.020	1.011	0.991	1.010	0.990			
12/31/2013	1.672	1.164	1.189	1.049	0.991	1.004	0.998				
12/31/2014	1.416	1.439	1.184	1.042	0.990	0.999					
12/31/2015	1.667	1.382	1.128	1.010	0.986						
12/31/2016	1.661	1.359	1.102	1.072							
12/31/2017	1.758	1.370	1.069								
12/31/2018	1.895	1.359									
12/31/2019	1.563										
3 Yr Mean	1.739	1.363	1.100	1.041	0.989	0.998	1.002	0.995	0.999	1.001	1.000
Best 3/5	1.695	1.370	1.138	1.037	0.995	0.996	0.998	0.996	1.003	1.001	1.000

A.Y.E.	159:147	171:159	183:171	195:183	207:195	219:207	231:219	243:231
12/31/2001	1.023	1.000	1.000	1.000	1.001	1.000	1.001	1.000
12/31/2002	0.997	0.999	1.000	1.004	1.000	1.000	1.000	**1.000**
12/31/2003	1.000	0.995	1.000	1.000	1.000	1.000	**1.000**	**1.000**
12/31/2004	0.997	1.002	1.000	1.000	1.000	**1.000**	**1.000**	**1.000**
12/31/2005	0.998	1.004	1.000	1.000	**1.000**	**1.000**	**1.000**	**1.000**
12/31/2006	1.016	1.000	1.000					
12/31/2007	1.000	1.000						
12/31/2008	0.997							
3 Yr Mean	1.004	1.001	1.000	1.000	*1.000*	*1.000*	*1.001*	*1.000*
Best 3/5	0.998	1.001	1.000	1.000	**1.000**	**1.000**	**1.000**	**1.000**

Development From

A.Y.E.	15/ 27	27/ 39	39/ 51	51/ 63	63/ 75	75/ 87	87/ 99	99/111	111/123	123/135	135/147
12/31/2016					0.995	0.996	0.998	0.996	1.003	1.001	1.000
12/31/2017				1.037	0.995	0.996	0.998	0.996	1.003	1.001	1.000
12/31/2018			1.138	1.037	0.995	0.996	0.998	0.996	1.003	1.001	1.000
12/31/2019		1.370	1.138	1.037	0.995	0.996	0.998	0.996	1.003	1.001	1.000
12/31/2020	1.695	1.370	1.138	1.037	0.995	0.996	0.998	0.996	1.003	1.001	1.000

A.Y.E	147/159	159/171	171/183	183/195	195/207	207/219	219/231	231/243	243/Ult		FACTORS
12/31/2016	0.998	1.001	1.000	1.000	1.000	1.000	1.000	1.000	**1.000**		0.988
12/31/2017	0.998	1.001	1.000	1.000	1.000	1.000	1.000	1.000	**1.000**		1.025
12/31/2018	0.998	1.001	1.000	1.000	1.000	1.000	1.000	1.000	**1.000**		1.166
12/31/2019	0.998	1.001	1.000	1.000	1.000	1.000	1.000	1.000	**1.000**		1.597
12/31/2020	0.998	1.001	1.000	1.000	1.000	1.000	1.000	1.000	**1.000**		2.708

Bold - Calculated Using Modified Bondy Method
Italics - Three year mean Excludes Modified Bondy ratios

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

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
12/31/2001	10,123,494	26,945,510	50,760,904	70,931,400	85,097,565	91,484,717	94,322,280	96,055,651	97,967,963	98,069,469	98,446,516
12/31/2002	9,000,528	24,187,609	41,626,390	60,519,129	69,627,220	75,562,387	78,284,702	78,217,324	79,373,846	80,200,977	80,153,469
12/31/2003	9,070,855	23,216,874	43,099,857	59,443,029	68,680,228	75,909,140	77,925,144	78,587,045	79,748,726	80,562,057	80,460,617
12/31/2004	7,368,506	20,116,726	37,972,344	51,805,078	60,661,857	66,101,209	67,413,265	68,103,071	69,599,426	70,148,418	70,086,992
12/31/2005	7,906,777	19,826,603	40,785,937	56,048,417	65,693,491	70,390,855	72,513,739	74,475,953	75,321,414	75,760,525	76,649,577
12/31/2006	7,442,314	21,234,259	40,186,961	54,148,667	63,294,169	66,849,306	71,824,509	74,241,759	74,872,291	76,442,779	76,631,167
12/31/2007	8,279,097	21,661,388	43,397,495	60,402,618	71,760,702	77,028,787	79,245,189	80,941,667	81,781,793	82,457,132	82,871,695
12/31/2008	8,378,780	24,621,910	45,004,587	64,976,214	77,709,745	83,828,187	87,865,593	88,638,192	89,463,779	89,703,081	89,711,056
12/31/2009	9,784,977	23,088,593	43,863,030	71,860,542	85,002,204	89,977,342	93,977,139	96,086,756	96,795,195	98,003,558	98,168,174
12/31/2010	8,594,586	27,605,978	53,354,712	71,066,266	84,324,350	89,480,934	93,645,715	94,953,350	94,746,487	94,952,695	95,292,887
12/31/2011	11,600,894	30,704,416	55,717,158	77,576,536	89,172,875	101,790,104	105,774,323	107,333,297	107,481,393	108,304,637	
12/31/2012	8,720,707	24,851,820	48,744,886	67,282,104	80,736,153	85,939,728	90,218,898	91,316,316	92,204,955		
12/31/2013	9,590,528	28,643,963	52,133,591	72,146,628	83,422,855	89,701,082	91,742,990	92,806,798			
12/31/2014	12,562,855	31,092,056	61,455,349	85,219,476	95,575,121	100,384,830	103,297,129				
12/31/2015	9,243,638	26,518,836	49,031,819	68,609,608	81,478,291	88,842,679					
12/31/2016	11,557,853	29,673,097	53,130,268	74,557,544	86,570,235						
12/31/2017	10,140,176	31,448,414	56,817,775	77,869,600							
12/31/2018	11,095,831	29,203,720	55,031,215								
12/31/2019	11,620,545	29,636,130									
12/31/2020	9,846,547										

A.Y.E.	147 Months	159 Months	171 Months	183 Months	195 Months	207 Months	219 Months	231 Months	243 Months
12/31/2001	98,740,753	98,914,062	98,988,769	98,646,465	98,674,525	98,853,320	99,044,232	99,179,251	99,231,801
12/31/2002	80,567,422	80,927,232	81,206,798	81,348,712	81,494,488	81,746,328	81,725,261	81,734,205	
12/31/2003	80,947,662	81,023,187	81,025,884	80,731,014	80,753,536	80,772,757	80,824,889		
12/31/2004	70,148,413	70,192,725	70,223,921	70,209,069	70,231,673	70,242,095			
12/31/2005	76,656,590	77,675,513	78,011,452	78,042,046	78,238,801				
12/31/2006	77,186,568	76,870,474	76,950,110	76,941,771					
12/31/2007	83,060,768	82,875,200	82,965,036						
12/31/2008	90,412,936	90,756,150							
12/31/2009	98,590,207								

Premises / Operations (Subline Code 334)
Manufacturers and Contractors
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
12/31/2001	16,822,016	23,815,394	20,170,496	14,166,165	6,387,152	2,837,563	1,733,371	1,912,312	101,506	377,047	294,237	173,309	74,707
12/31/2002	15,187,081	17,438,781	18,892,739	9,108,091	5,935,167	2,722,315	-67,378	1,156,522	827,131	-47,508	413,953	359,810	279,566
12/31/2003	14,146,019	19,882,983	16,343,172	9,237,199	7,228,912	2,016,004	661,901	1,161,681	813,331	-101,440	487,045	75,525	2,697
12/31/2004	12,748,220	17,855,618	13,832,734	8,856,779	5,439,352	1,312,056	689,806	1,496,355	548,992	-61,426	61,421	44,312	31,196
12/31/2005	11,919,826	20,959,334	15,262,480	9,645,074	4,697,364	2,122,884	1,962,214	845,461	439,111	889,052	7,013	1,018,923	335,939
12/31/2006	13,791,945	18,952,702	13,961,706	9,145,502	3,555,137	4,975,203	2,417,250	630,532	1,570,488	188,388	555,401	-316,094	79,636
12/31/2007	13,382,291	21,736,107	17,005,123	11,358,084	5,268,085	2,216,402	1,696,478	840,126	675,339	414,563	189,073	-185,568	89,836
12/31/2008	16,243,130	20,382,677	19,971,627	12,733,531	6,118,442	4,037,406	772,599	825,587	239,302	7,975	701,880	343,214	
12/31/2009	13,303,616	20,774,437	27,997,512	13,141,662	4,975,138	3,999,797	2,109,617	708,439	1,208,363	164,616	422,033		
12/31/2010	19,011,392	25,748,734	17,711,554	13,258,084	5,156,584	4,164,781	1,307,635	-206,863	206,208	340,192			
12/31/2011	19,103,522	25,012,742	21,859,378	11,596,339	12,617,229	3,984,219	1,558,974	148,096	823,244				
12/31/2012	16,131,113	23,893,066	18,537,218	13,454,049	5,203,575	4,279,170	1,097,418	888,639					
12/31/2013	19,053,435	23,489,628	20,013,037	11,276,227	6,278,227	2,041,908	1,063,808						
12/31/2014	18,529,201	30,363,293	23,764,127	10,355,645	4,809,709	2,912,299							
12/31/2015	17,275,198	22,512,983	19,577,789	12,868,683	7,364,388								
12/31/2016	18,115,244	23,457,171	21,427,276	12,012,691									
12/31/2017	21,308,238	25,369,361	21,051,825										
12/31/2018	18,107,889	25,827,495											
12/31/2019	18,015,585												

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
12/31/2001	0.0632	0.0894	0.0757	0.0532	0.0240	0.0107	0.0065	0.0072	0.0004	0.0014	0.0011	0.0007	0.0003
12/31/2002	0.0670	0.0769	0.0833	0.0402	0.0262	0.0120	-0.0003	0.0051	0.0036	-0.0002	0.0018	0.0016	0.0012
12/31/2003	0.0663	0.0932	0.0766	0.0433	0.0339	0.0094	0.0031	0.0054	0.0038	-0.0005	0.0023	0.0004	0.0000
12/31/2004	0.0603	0.0845	0.0655	0.0419	0.0257	0.0062	0.0033	0.0071	0.0026	-0.0003	0.0003	0.0002	0.0001
12/31/2005	0.0590	0.1038	0.0756	0.0477	0.0233	0.0105	0.0097	0.0042	0.0022	0.0044	0.0000	0.0050	0.0017
12/31/2006	0.0642	0.0883	0.0650	0.0426	0.0166	0.0232	0.0113	0.0029	0.0073	0.0009	0.0026	-0.0015	0.0004
12/31/2007	0.0561	0.0912	0.0713	0.0477	0.0221	0.0093	0.0071	0.0035	0.0028	0.0017	0.0008	-0.0008	0.0004
12/31/2008	0.0668	0.0838	0.0821	0.0524	0.0252	0.0166	0.0032	0.0034	0.0010	0.0000	0.0029	0.0014	
12/31/2009	0.0552	0.0862	0.1161	0.0545	0.0206	0.0166	0.0087	0.0029	0.0050	0.0007	0.0018		
12/31/2010	0.0798	0.1081	0.0743	0.0556	0.0216	0.0175	0.0055	-0.0009	0.0009	0.0014			
12/31/2011	0.0693	0.0907	0.0793	0.0421	0.0458	0.0144	0.0057	0.0005	0.0030				
12/31/2012	0.0674	0.0998	0.0774	0.0562	0.0217	0.0179	0.0046	0.0037					
12/31/2013	0.0764	0.0942	0.0802	0.0452	0.0252	0.0082	0.0043						
12/31/2014	0.0668	0.1095	0.0857	0.0373	0.0173	0.0105							
12/31/2015	0.0685	0.0893	0.0776	0.0510	0.0292								
12/31/2016	0.0670	0.0867	0.0792	0.0444									
12/31/2017	0.0781	0.0929	0.0771										
12/31/2018	0.0642	0.0915											
12/31/2019	0.0640												
Best 3/5	0.0666	0.0912	0.0790	0.0469	0.0254	0.0141	0.0053	0.0023	0.0023	0.0010	0.0017	0.0003	0.0003

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 :

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
12/31/2001	96,383,460	108,278,577	117,665,180	119,817,577	120,476,238	121,201,433	121,293,261	121,492,537	122,449,901	122,471,333	122,846,415
12/31/2002	82,975,240	93,221,974	96,800,915	99,050,416	99,674,114	99,906,230	100,149,712	100,213,048	100,782,224	101,277,387	101,197,841
12/31/2003	74,540,116	82,481,009	87,335,335	89,600,439	90,713,119	91,561,562	91,651,369	91,656,557	91,738,283	91,993,967	92,278,184
12/31/2004	93,215,229	103,969,538	103,264,227	104,765,210	105,726,404	105,112,209	105,541,194	105,797,757	106,546,774	106,579,052	106,933,856
12/31/2005	89,590,437	97,287,101	98,856,993	100,829,140	102,030,853	102,516,901	102,159,004	102,758,877	102,840,903	104,125,962	104,144,277
12/31/2006	91,059,214	97,973,954	100,317,355	101,995,785	104,393,864	105,353,508	106,953,827	106,913,282	107,400,126	107,831,662	107,981,101
12/31/2007	96,533,821	105,961,578	109,221,312	111,111,845	112,070,293	113,837,420	113,374,948	114,396,636	114,894,197	114,728,556	115,145,705
12/31/2008	99,579,138	108,559,623	111,742,938	113,976,841	115,988,487	116,136,011	116,311,237	117,130,129	117,636,754	118,676,481	119,465,055
12/31/2009	93,147,426	101,600,617	105,079,367	107,204,981	107,669,933	108,257,334	109,093,209	109,984,086	110,624,523	110,876,809	111,103,260
12/31/2010	99,186,149	108,506,886	110,884,315	112,417,351	112,711,909	112,908,982	113,426,064	113,865,856	113,988,036	114,066,316	114,357,455
12/31/2011	111,443,816	119,165,064	123,194,624	123,019,853	123,714,771	124,361,190	125,531,282	126,130,451	126,468,686	126,655,343	
12/31/2012	103,527,831	111,238,491	114,528,765	116,683,976	117,821,019	119,411,094	120,401,000	120,830,980	121,316,657		
12/31/2013	97,653,114	107,229,952	111,695,836	113,680,099	114,375,826	114,890,085	115,818,415	116,757,920			
12/31/2014	97,798,050	108,918,991	113,830,736	118,994,307	120,394,338	121,580,267	122,738,487				
12/31/2015	99,318,679	111,768,341	119,120,081	122,698,958	123,554,611	125,373,313					
12/31/2016	101,148,429	114,782,672	120,575,599	122,678,494	125,039,032						
12/31/2017	107,412,424	121,860,679	128,623,064	130,421,047							
12/31/2018	111,444,459	126,957,071	133,894,340								
12/31/2019	111,177,354	125,006,434									
12/31/2020	97,897,728										

A.Y.E	147 Months	159 Months	171 Months	183 Months	195 Months	207 Months	219 Months	231 Months	243 Months
12/31/2001	122,748,225	122,914,659	123,262,993	123,579,314	123,716,976	123,978,110	124,066,360	124,232,487	124,359,330
12/31/2002	101,309,949	101,654,539	102,072,411	101,904,849	101,937,830	102,164,216	102,245,859	102,237,758	
12/31/2003	92,647,688	92,538,852	92,735,356	93,152,475	93,422,305	93,475,789	93,581,966		
12/31/2004	106,983,466	107,079,078	107,259,051	107,242,051	107,192,614	107,258,413			
12/31/2005	103,674,348	104,255,972	104,266,632	104,252,340	104,214,420				
12/31/2006	108,554,219	108,872,669	108,869,098	108,962,857					
12/31/2007	115,264,382	115,327,972	115,374,927						
12/31/2008	119,824,586	119,726,322							
12/31/2009	111,280,112								

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

Link Ratios

A.Y.E.	27:15	39:27	51:39	63:51	75:63	87:75	99:87	111:99	123:111	135:123	147:135
12/31/2001	1.123	1.087	1.018	1.005	1.006	1.001	1.002	1.008	1.000	1.003	0.999
12/31/2002	1.123	1.038	1.023	1.006	1.002	1.002	1.001	1.006	1.005	0.999	1.001
12/31/2003	1.107	1.059	1.026	1.012	1.009	1.001	1.000	1.001	1.003	1.003	1.004
12/31/2004	1.115	0.993	1.015	1.009	0.994	1.004	1.002	1.007	1.000	1.003	1.000
12/31/2005	1.086	1.016	1.020	1.012	1.005	0.997	1.006	1.001	1.012	1.000	0.995
12/31/2006	1.076	1.024	1.017	1.024	1.009	1.015	1.000	1.005	1.004	1.001	1.005
12/31/2007	1.098	1.031	1.017	1.009	1.016	0.996	1.009	1.004	0.999	1.004	1.001
12/31/2008	1.090	1.029	1.020	1.018	1.001	1.002	1.007	1.004	1.009	1.007	1.003
12/31/2009	1.091	1.034	1.020	1.004	1.005	1.008	1.008	1.006	1.002	1.002	1.002
12/31/2010	1.094	1.022	1.014	1.003	1.002	1.005	1.004	1.001	1.001	1.003	
12/31/2011	1.069	1.034	0.999	1.006	1.005	1.009	1.005	1.003	1.001		
12/31/2012	1.074	1.030	1.019	1.010	1.013	1.008	1.004	1.004			
12/31/2013	1.098	1.042	1.018	1.006	1.004	1.008	1.008				
12/31/2014	1.114	1.045	1.045	1.012	1.010	1.010					
12/31/2015	1.125	1.066	1.030	1.007	1.015						
12/31/2016	1.135	1.050	1.017	1.019							
12/31/2017	1.135	1.055	1.014								
12/31/2018	1.139	1.055									
12/31/2019	1.124										
3 Yr Mean	1.133	1.053	1.020	1.013	1.010	1.009	1.006	1.003	1.001	1.004	1.002
Best 3/5	1.132	1.053	1.022	1.010	1.009	1.008	1.006	1.004	1.001	1.003	1.002

A.Y.E.	159:147	171:159	183:171	195:183	207:195	219:207	231:219	243:231
12/31/2001	1.001	1.003	1.003	1.001	1.002	1.001	1.001	1.001
12/31/2002	1.003	1.004	0.998	1.000	1.002	1.001	1.000	**1.001**
12/31/2003	0.999	1.002	1.004	1.003	1.001	1.001	**1.001**	**1.001**
12/31/2004	1.001	1.002	1.000	1.000	1.001	**1.001**	**1.001**	**1.001**
12/31/2005	1.006	1.000	1.000	1.000	**1.000**	**1.001**	**1.001**	**1.001**
12/31/2006	1.003	1.000	1.001					
12/31/2007	1.001	1.000						
12/31/2008	0.999							
3 Yr Mean	1.001	1.000	1.000	1.001	*1.001*	*1.001*	*1.001*	*1.001*
Best 3/5	1.002	1.001	1.000	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
12/31/2016					1.009	1.008	1.006	1.004	1.001	1.003	1.002
12/31/2017				1.010	1.009	1.008	1.006	1.004	1.001	1.003	1.002
12/31/2018			1.022	1.010	1.009	1.008	1.006	1.004	1.001	1.003	1.002
12/31/2019		1.053	1.022	1.010	1.009	1.008	1.006	1.004	1.001	1.003	1.002
12/31/2020	1.132	1.053	1.022	1.010	1.009	1.008	1.006	1.004	1.001	1.003	1.002

A.Y.E	147/159	159/171	171/183	183/195	195/207	207/219	219/231	231/243	243/Ult		FACTORS
12/31/2016	1.002	1.001	1.000	1.000	1.001	1.001	1.001	1.001	**1.003**		1.044
12/31/2017	1.002	1.001	1.000	1.000	1.001	1.001	1.001	1.001	**1.003**		1.054
12/31/2018	1.002	1.001	1.000	1.000	1.001	1.001	1.001	1.001	**1.003**		1.077
12/31/2019	1.002	1.001	1.000	1.000	1.001	1.001	1.001	1.001	**1.003**		1.135
12/31/2020	1.002	1.001	1.000	1.000	1.001	1.001	1.001	1.001	**1.003**		1.284

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 :

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
12/31/2001	19,873,916	22,729,568	24,476,833	25,357,299	25,540,178	26,435,951	27,051,660	27,767,974	28,011,457	27,976,718	27,971,540
12/31/2002	17,609,940	20,606,064	20,188,456	20,884,627	21,375,794	21,934,938	22,033,468	22,462,150	22,501,260	22,637,143	22,638,837
12/31/2003	18,486,845	19,763,726	20,856,968	21,982,233	22,387,503	23,310,007	23,544,553	23,344,309	23,320,506	23,441,333	23,320,468
12/31/2004	18,244,387	21,896,068	23,307,875	23,981,665	24,383,684	24,207,969	24,191,011	24,660,249	24,748,968	25,058,409	25,266,557
12/31/2005	19,388,795	22,852,629	23,768,211	24,161,732	23,888,128	23,890,289	23,961,153	24,300,397	24,283,860	24,631,045	24,620,335
12/31/2006	24,029,089	25,980,444	26,053,957	26,662,245	26,218,106	26,431,380	26,558,638	26,790,627	26,982,732	27,189,507	27,151,508
12/31/2007	23,609,070	26,986,262	28,588,238	28,744,013	28,292,290	28,784,094	28,753,918	28,807,835	29,115,915	29,316,039	29,385,908
12/31/2008	26,049,699	28,012,023	29,315,734	29,072,815	29,585,965	29,466,490	29,319,867	29,433,768	29,770,634	29,953,292	30,011,329
12/31/2009	23,992,760	24,296,638	25,420,254	25,561,285	25,572,255	25,745,422	25,535,707	25,952,071	26,040,398	26,057,817	26,114,994
12/31/2010	21,748,966	22,808,441	23,847,611	24,306,305	24,187,717	24,660,267	24,839,092	25,114,314	25,191,055	25,156,902	25,272,339
12/31/2011	20,826,069	22,709,969	22,995,738	22,896,027	23,090,580	23,270,543	23,575,291	23,737,113	23,707,949	23,758,443	
12/31/2012	20,579,096	22,746,112	24,123,556	24,265,145	24,310,130	24,395,879	24,518,258	24,519,005	24,638,701		
12/31/2013	19,516,451	20,075,108	21,011,886	20,739,950	20,798,087	20,558,918	20,692,994	20,846,332			
12/31/2014	23,565,443	26,141,141	26,597,342	27,332,194	27,566,898	27,754,743	27,712,651				
12/31/2015	22,998,574	25,878,144	27,021,474	27,433,764	27,453,837	27,855,421					
12/31/2016	22,121,447	25,821,017	26,754,329	26,537,343	27,436,864						
12/31/2017	22,182,210	25,875,335	26,879,730	27,963,583							
12/31/2018	25,009,013	27,716,976	31,721,093								
12/31/2019	21,668,901	24,717,541									
12/31/2020	15,569,010										

A.Y.E.	147 Months	159 Months	171 Months	183 Months	195 Months	207 Months	219 Months	231 Months	243 Months
12/31/2001	27,977,242	28,247,090	28,131,410	28,021,947	28,019,416	28,055,089	28,055,088	28,052,361	28,077,361
12/31/2002	22,853,796	22,883,730	22,737,243	22,707,744	22,691,699	22,535,765	22,523,077	22,523,077	
12/31/2003	23,338,565	23,272,206	23,346,784	23,350,726	23,413,227	23,422,999	23,422,999		
12/31/2004	25,139,140	25,155,332	25,250,835	25,274,442	25,253,343	25,278,928			
12/31/2005	24,691,680	24,702,497	24,672,648	24,561,832	24,561,734				
12/31/2006	27,375,854	27,342,040	27,436,821	27,531,421					
12/31/2007	29,445,529	29,501,724	29,467,855						
12/31/2008	29,974,153	30,028,233							
12/31/2009	26,229,026								

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

Link Ratios

A.Y.E.	27:15	39:27	51:39	63:51	75:63	87:75	99:87	111:99	123:111	135:123	147:135
12/31/2001	1.144	1.077	1.036	1.007	1.035	1.023	1.026	1.009	0.999	1.000	1.000
12/31/2002	1.170	0.980	1.034	1.024	1.026	1.004	1.019	1.002	1.006	1.000	1.009
12/31/2003	1.069	1.055	1.054	1.018	1.041	1.010	0.991	0.999	1.005	0.995	1.001
12/31/2004	1.200	1.064	1.029	1.017	0.993	0.999	1.019	1.004	1.013	1.008	0.995
12/31/2005	1.179	1.040	1.017	0.989	1.000	1.003	1.014	0.999	1.014	1.000	1.003
12/31/2006	1.081	1.003	1.023	0.983	1.008	1.005	1.009	1.007	1.008	0.999	1.008
12/31/2007	1.143	1.059	1.005	0.984	1.017	0.999	1.002	1.011	1.007	1.002	1.002
12/31/2008	1.075	1.047	0.992	1.018	0.996	0.995	1.004	1.011	1.006	1.002	0.999
12/31/2009	1.013	1.046	1.006	1.000	1.007	0.992	1.016	1.003	1.001	1.002	1.004
12/31/2010	1.049	1.046	1.019	0.995	1.020	1.007	1.011	1.003	0.999	1.005	
12/31/2011	1.090	1.013	0.996	1.008	1.008	1.013	1.007	0.999	1.002		
12/31/2012	1.105	1.061	1.006	1.002	1.004	1.005	1.005	1.000	1.005		
12/31/2013	1.029	1.047	0.987	1.003	0.989	1.007	1.007				
12/31/2014	1.109	1.017	1.028	1.009	1.007	0.998					
12/31/2015	1.125	1.044	1.015	1.001	1.015						
12/31/2016	1.167	1.036	0.992	1.034							
12/31/2017	1.166	1.039	1.040								
12/31/2018	1.108	1.144									
12/31/2019	1.141										
3 Yr Mean	1.138	1.073	1.016	1.015	1.004	1.003	1.005	1.002	1.001	1.003	1.002
Best 3/5	1.144	1.040	1.012	1.005	1.006	1.006	1.008	1.004	1.003	1.002	1.003

A.Y.E.	159:147	171:159	183:171	195:183	207:195	219:207	231:219	243:231
12/31/2001	1.010	0.996	0.996	1.000	1.001	1.000	1.000	1.001
12/31/2002	1.001	0.994	0.999	0.999	0.993	0.999	1.000	**1.000**
12/31/2003	0.997	1.003	1.000	1.003	1.000	1.000	**1.000**	**1.000**
12/31/2004	1.001	1.004	1.001	0.999	1.001	**1.000**	**1.000**	**1.000**
12/31/2005	1.000	0.999	0.996	1.000	**1.000**	**1.000**	**1.000**	**1.000**
12/31/2006	0.999	1.003	1.003					
12/31/2007	1.002	0.999						
12/31/2008	1.002							
3 Yr Mean	1.001	1.000	1.000	1.001	*0.998*	*1.000*	*1.000*	*1.001*
Best 3/5	1.001	1.002	1.000	1.000	**1.000**	**1.000**	**1.000**	**1.000**

Development From

A.Y.E.	15/ 27	27/ 39	39/ 51	51/ 63	63/ 75	75/ 87	87/ 99	99/111	111/123	123/135	135/147
12/31/2016					1.006	1.006	1.008	1.004	1.003	1.002	1.003
12/31/2017				1.005	1.006	1.006	1.008	1.004	1.003	1.002	1.003
12/31/2018			1.012	1.005	1.006	1.006	1.008	1.004	1.003	1.002	1.003
12/31/2019		1.040	1.012	1.005	1.006	1.006	1.008	1.004	1.003	1.002	1.003
12/31/2020	1.144	1.040	1.012	1.005	1.006	1.006	1.008	1.004	1.003	1.002	1.003

A.Y.E	147/159	159/171	171/183	183/195	195/207	207/219	219/231	231/243	243/Ult		FACTORS
12/31/2016	1.001	1.002	1.000	1.000	1.000	1.000	1.000	1.000	**1.000**		1.036
12/31/2017	1.001	1.002	1.000	1.000	1.000	1.000	1.000	1.000	**1.000**		1.041
12/31/2018	1.001	1.002	1.000	1.000	1.000	1.000	1.000	1.000	**1.000**		1.053
12/31/2019	1.001	1.002	1.000	1.000	1.000	1.000	1.000	1.000	**1.000**		1.095
12/31/2020	1.001	1.002	1.000	1.000	1.000	1.000	1.000	1.000	**1.000**		1.253

Bold - Calculated Using Modified Bondy Method
Italics - Three year mean Excludes Modified Bondy ratios

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

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
12/31/2001	8,046,876	14,402,501	23,978,397	30,979,347	37,333,683	42,522,510	47,094,052	49,040,384	50,817,598	52,010,031	53,035,596
12/31/2002	7,104,162	12,983,346	19,051,363	26,378,141	31,324,796	35,328,786	38,254,185	40,850,441	41,086,352	41,856,633	42,467,789
12/31/2003	7,498,458	11,404,224	18,263,306	25,028,619	27,625,351	30,052,780	30,879,855	31,971,865	33,064,005	34,149,780	35,297,918
12/31/2004	8,211,329	14,881,169	21,144,882	27,872,964	33,897,864	35,612,057	37,778,968	39,151,400	40,479,938	41,218,052	41,841,081
12/31/2005	6,901,201	12,732,444	19,645,813	25,303,538	30,335,584	34,189,709	36,800,779	38,721,861	39,495,133	40,733,264	41,841,444
12/31/2006	6,777,793	12,364,210	19,567,402	25,431,363	31,020,436	35,313,489	37,852,904	39,568,879	40,747,101	41,636,352	43,160,075
12/31/2007	7,108,964	12,775,813	21,249,674	27,692,837	31,885,403	36,692,308	39,066,619	41,567,180	43,944,174	45,834,616	45,670,518
12/31/2008	7,226,552	14,091,832	20,894,291	28,696,066	31,666,609	35,055,245	36,031,350	37,458,418	38,592,433	40,235,379	41,167,243
12/31/2009	7,898,611	14,250,617	21,350,698	31,016,147	34,587,979	36,120,422	37,998,461	40,665,083	40,764,948	41,977,279	42,331,569
12/31/2010	9,687,471	19,282,197	22,133,335	27,371,430	31,053,778	34,364,742	36,339,018	38,408,588	39,246,308	40,221,781	40,492,096
12/31/2011	8,908,252	15,148,947	22,724,729	28,346,894	29,742,843	31,774,788	33,531,583	34,860,725	35,991,074	36,898,852	
12/31/2012	10,071,564	16,409,574	23,790,485	32,621,311	41,181,392	42,733,790	43,800,496	45,733,186	46,790,731		
12/31/2013	10,423,352	17,878,667	26,993,201	34,003,581	36,808,796	38,717,337	40,940,805	42,111,642			
12/31/2014	8,605,720	17,045,284	24,103,095	33,368,731	37,656,060	41,401,059	44,151,287				
12/31/2015	10,727,355	18,119,216	65,185,123	73,914,850	80,651,341	85,741,920					
12/31/2016	13,918,677	20,165,794	27,879,080	34,242,963	39,725,264						
12/31/2017	11,015,111	17,873,983	25,775,969	32,618,968							
12/31/2018	10,754,440	19,267,013	29,186,614								
12/31/2019	11,892,793	22,712,069									
12/31/2020	8,999,213										

A.Y.E.	147 Months	159 Months	171 Months	183 Months	195 Months	207 Months	219 Months	231 Months	243 Months
12/31/2001	53,405,343	53,181,744	53,162,092	53,713,327	54,814,893	54,528,219	54,646,435	55,892,437	57,307,830
12/31/2002	42,926,719	42,978,521	44,074,760	44,024,244	44,083,548	44,951,687	45,160,412	45,593,420	
12/31/2003	36,325,449	36,961,684	37,186,149	38,073,075	38,327,147	38,697,304	38,790,754		
12/31/2004	42,299,936	42,918,497	44,691,525	45,102,947	45,568,247	46,070,864			
12/31/2005	41,704,825	43,168,599	43,256,578	43,332,972	43,535,997				
12/31/2006	44,026,232	44,780,619	45,270,519	45,737,252					
12/31/2007	46,358,616	46,884,285	46,788,405						
12/31/2008	41,619,843	41,846,374							
12/31/2009	43,299,882								

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

Increments

A.Y.E.	27:15	39:27	51:39	63:51	75:63	87:75	99:87	111:99	123:111	135:123	147:135	159:147	171:159
12/31/2001	6,355,625	9,575,896	7,000,950	6,354,336	5,188,827	4,571,542	1,946,332	1,777,214	1,192,433	1,025,565	369,747	-223,599	-19,652
12/31/2002	5,879,184	6,068,017	7,326,778	4,946,655	4,003,990	2,925,399	2,596,256	235,911	770,281	611,156	458,930	51,802	1,096,239
12/31/2003	3,905,766	6,859,082	6,765,313	2,596,732	2,427,429	827,075	1,092,010	1,092,140	1,085,775	1,148,138	1,027,531	636,235	224,465
12/31/2004	6,669,840	6,263,713	6,728,082	6,024,900	1,714,193	2,166,911	1,372,432	1,328,538	738,114	623,029	458,855	618,561	1,773,028
12/31/2005	5,831,243	6,913,369	5,657,725	5,032,046	3,854,125	2,611,070	1,921,082	773,272	1,238,131	1,108,180	-136,619	1,463,774	87,979
12/31/2006	5,586,417	7,203,192	5,863,961	5,589,073	4,293,053	2,539,415	1,715,975	1,178,222	889,251	1,523,723	866,157	754,387	489,900
12/31/2007	5,666,849	8,473,861	6,443,163	4,192,566	4,806,905	2,374,311	2,500,561	2,376,994	1,890,442	-164,098	688,098	525,669	-95,880
12/31/2008	6,865,280	6,802,459	7,801,775	2,970,543	3,388,636	976,105	1,427,068	1,134,015	1,642,946	931,864	452,600	226,531	
12/31/2009	6,352,006	7,100,081	9,665,449	3,571,832	1,532,443	1,878,039	2,666,622	99,865	1,212,331	354,290	968,313		
12/31/2010	9,594,726	2,851,138	5,238,095	3,682,348	3,310,964	1,974,276	2,069,570	837,720	975,473	270,315			
12/31/2011	6,240,695	7,575,782	5,622,165	1,395,949	2,031,945	1,756,795	1,329,142	1,130,349	907,778				
12/31/2012	6,338,010	7,380,911	8,830,826	8,560,081	1,552,398	1,066,706	1,932,690	1,057,545					
12/31/2013	7,455,315	9,114,534	7,010,380	2,805,215	1,908,541	2,223,468	1,170,837						
12/31/2014	8,439,564	7,057,811	9,265,636	4,287,329	3,744,999	2,750,228							
12/31/2015	7,391,861	47,065,907	8,729,727	6,736,491	5,090,579								
12/31/2016	6,247,117	7,713,286	6,363,883	5,482,301									
12/31/2017	6,858,872	7,901,986	6,842,999										
12/31/2018	8,512,573	9,919,601											
12/31/2019	10,819,276												

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
12/31/2001	0.0387	0.0583	0.0426	0.0387	0.0316	0.0278	0.0119	0.0108	0.0073	0.0062	0.0023	-0.0014	-0.0001
12/31/2002	0.0439	0.0453	0.0547	0.0369	0.0299	0.0219	0.0194	0.0018	0.0058	0.0046	0.0034	0.0004	0.0082
12/31/2003	0.0321	0.0563	0.0555	0.0213	0.0199	0.0068	0.0090	0.0090	0.0089	0.0094	0.0084	0.0052	0.0018
12/31/2004	0.0463	0.0435	0.0467	0.0419	0.0119	0.0151	0.0095	0.0092	0.0051	0.0043	0.0032	0.0043	0.0123
12/31/2005	0.0436	0.0517	0.0423	0.0376	0.0288	0.0195	0.0144	0.0058	0.0093	0.0083	-0.0010	0.0109	0.0007
12/31/2006	0.0395	0.0510	0.0415	0.0396	0.0304	0.0180	0.0121	0.0083	0.0063	0.0108	0.0061	0.0053	0.0035
12/31/2007	0.0377	0.0563	0.0428	0.0279	0.0319	0.0158	0.0166	0.0158	0.0126	-0.0011	0.0046	0.0035	-0.0006
12/31/2008	0.0441	0.0437	0.0501	0.0191	0.0217	0.0063	0.0092	0.0073	0.0105	0.0060	0.0029	0.0015	
12/31/2009	0.0431	0.0482	0.0656	0.0242	0.0104	0.0127	0.0181	0.0007	0.0082	0.0024	0.0066		
12/31/2010	0.0614	0.0182	0.0335	0.0236	0.0212	0.0126	0.0132	0.0054	0.0062	0.0017			
12/31/2011	0.0381	0.0463	0.0344	0.0085	0.0124	0.0107	0.0081	0.0069	0.0055				
12/31/2012	0.0377	0.0439	0.0525	0.0509	0.0092	0.0063	0.0115	0.0063					
12/31/2013	0.0467	0.0571	0.0439	0.0176	0.0119	0.0139	0.0073						
12/31/2014	0.0490	0.0410	0.0538	0.0249	0.0218	0.0160							
12/31/2015	0.0415	0.2644	0.0490	0.0378	0.0286								
12/31/2016	0.0345	0.0427	0.0352	0.0303									
12/31/2017	0.0357	0.0411	0.0356										
12/31/2018	0.0417	0.0486											
12/31/2019	0.0539												
Best 3/5	0.0396	0.0441	0.0428	0.0310	0.0154	0.0124	0.0109	0.0062	0.0083	0.0034	0.0045	0.0044	0.0020

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 :

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
12/31/2001	12,791,626	17,623,529	19,573,335	19,859,043	20,091,663	20,580,782	20,743,487	20,454,296	20,647,946	20,842,169	20,515,393
12/31/2002	14,001,966	17,413,736	18,579,965	19,950,828	19,512,240	19,872,829	19,933,420	19,847,503	20,024,713	19,692,694	19,549,092
12/31/2003	11,875,353	13,365,299	16,939,097	18,334,081	19,451,873	17,981,724	17,367,720	17,559,968	17,336,415	17,491,570	17,638,526
12/31/2004	15,786,387	23,354,454	25,160,855	26,599,273	26,213,012	25,896,104	25,494,936	25,920,754	25,943,465	25,851,930	25,710,705
12/31/2005	18,565,917	23,100,846	26,355,838	26,310,115	24,968,273	25,167,025	25,593,220	25,624,196	25,566,582	25,314,314	25,322,598
12/31/2006	17,629,387	21,903,540	23,267,176	24,357,377	23,667,766	23,402,957	23,408,038	23,678,509	23,652,551	23,640,189	23,593,993
12/31/2007	16,927,677	21,320,255	21,783,028	21,974,009	21,617,975	21,643,435	21,803,211	21,507,973	21,320,996	21,321,171	21,333,355
12/31/2008	15,173,497	17,181,985	19,346,849	20,342,198	19,949,158	20,277,330	19,843,411	19,562,381	19,532,433	19,470,517	19,443,177
12/31/2009	13,982,307	16,518,908	17,381,202	17,481,055	17,887,197	17,358,739	17,379,915	17,209,449	17,284,444	17,278,381	17,284,186
12/31/2010	13,277,117	15,164,714	15,729,148	16,062,289	15,165,307	15,471,322	15,503,949	15,381,103	15,486,485	15,492,432	15,545,818
12/31/2011	9,005,218	10,697,952	10,972,914	10,705,351	11,425,489	11,321,539	11,344,862	11,290,399	11,295,259	11,290,041	
12/31/2012	5,530,613	7,560,632	7,743,692	8,279,201	8,226,147	8,442,040	8,382,222	8,716,200	8,711,388		
12/31/2013	5,767,969	7,563,531	8,231,034	8,968,476	9,290,894	9,228,103	9,143,889	9,218,751			
12/31/2014	6,616,929	8,845,247	9,986,217	10,438,347	10,186,343	10,288,028	10,140,088				
12/31/2015	7,113,003	8,936,939	10,529,859	10,808,050	11,004,547	10,973,802					
12/31/2016	5,668,280	7,827,110	8,131,421	9,052,079	9,201,069						
12/31/2017	6,724,855	9,195,964	10,435,662	11,308,751							
12/31/2018	6,315,336	7,801,633	9,038,154								
12/31/2019	4,965,440	5,510,926									
12/31/2020	4,760,257										

A.Y.E	147 Months	159 Months	171 Months	183 Months	195 Months	207 Months	219 Months	231 Months	243 Months
12/31/2001	20,805,907	20,916,233	20,815,971	20,723,133	20,623,109	20,623,109	20,624,108	20,831,940	20,830,940
12/31/2002	19,653,742	19,512,563	19,548,279	19,530,879	19,530,879	19,530,879	19,738,711	19,738,711	
12/31/2003	17,334,251	17,434,251	17,445,483	17,447,251	17,557,251	17,831,113	17,835,771		
12/31/2004	25,867,255	25,762,255	25,762,255	25,762,255	25,762,255	25,762,255			
12/31/2005	25,133,617	25,088,616	25,091,107	25,091,107	25,091,107				
12/31/2006	23,477,740	23,478,448	23,471,015	23,466,015					
12/31/2007	21,452,655	21,436,655	21,436,680						
12/31/2008	19,433,177	19,433,177							
12/31/2009	17,314,181								

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.	27:15	39:27	51:39	63:51	75:63	87:75	99:87	111:99	123:111	135:123	147:135
12/31/2001	1.378	1.111	1.015	1.012	1.024	1.008	0.986	1.009	1.009	0.984	1.014
12/31/2002	1.244	1.067	1.074	0.978	1.018	1.003	0.996	1.009	0.983	0.993	1.005
12/31/2003	1.125	1.267	1.082	1.061	0.924	0.966	1.011	0.987	1.009	1.008	0.983
12/31/2004	1.479	1.077	1.057	0.985	0.988	0.985	1.017	1.001	0.996	0.995	1.006
12/31/2005	1.244	1.141	0.998	0.949	1.008	1.017	1.001	0.998	0.990	1.000	0.993
12/31/2006	1.242	1.062	1.047	0.972	0.989	1.000	1.012	0.999	0.999	0.998	0.995
12/31/2007	1.259	1.022	1.009	0.984	1.001	1.007	0.986	0.991	1.000	1.001	1.006
12/31/2008	1.132	1.126	1.051	0.981	1.016	0.979	0.986	0.998	0.997	0.999	0.999
12/31/2009	1.181	1.052	1.006	1.023	0.970	1.001	0.990	1.004	1.000	1.000	1.002
12/31/2010	1.142	1.037	1.021	0.944	1.020	1.002	0.992	1.007	1.000	1.003	
12/31/2011	1.188	1.026	0.976	1.067	0.991	1.002	0.995	1.000	1.000		
12/31/2012	1.367	1.024	1.069	0.994	1.026	0.993	1.040	0.999			
12/31/2013	1.311	1.088	1.090	1.036	0.993	0.991	1.008				
12/31/2014	1.337	1.129	1.045	0.976	1.010	0.986					
12/31/2015	1.256	1.178	1.026	1.018	0.997						
12/31/2016	1.381	1.039	1.113	1.016							
12/31/2017	1.367	1.135	1.084								
12/31/2018	1.235	1.158									
12/31/2019	1.110										
3 Yr Mean	1.237	1.111	1.074	1.003	1.000	0.990	1.014	1.002	1.000	1.001	1.002
Best 3/5	1.286	1.141	1.073	1.009	1.000	0.995	0.998	1.001	1.000	1.000	0.999

	159:147	171:159	183:171	195:183	207:195	219:207	231:219	243:231
12/31/2001	1.005	0.995	0.996	0.995	1.000	1.000	1.010	1.000
12/31/2002	0.993	1.002	0.999	1.000	1.000	1.011	1.000	**1.000**
12/31/2003	1.006	1.001	1.000	1.006	1.016	1.000	**1.000**	**1.000**
12/31/2004	0.996	1.000	1.000	1.000	1.000	**1.000**	**1.000**	**1.000**
12/31/2005	0.998	1.000	1.000	1.000	**1.000**	**1.000**	**1.000**	**1.000**
12/31/2006	1.000	1.000	1.000					
12/31/2007	0.999	1.000						
12/31/2008	1.000							
3 Yr Mean	1.000	1.000	1.000	1.002	*1.005*	*1.004*	*1.005*	*1.000*
Best 3/5	0.999	1.000	1.000	1.000	**1.000**	**1.000**	**1.000**	**1.000**

Development From

A.Y.E.	15/ 27	27/ 39	39/ 51	51/ 63	63/ 75	75/ 87	87/ 99	99/111	111/123	123/135	135/147
12/31/2016					1.000	0.995	0.998	1.001	1.000	1.000	0.999
12/31/2017				1.009	1.000	0.995	0.998	1.001	1.000	1.000	0.999
12/31/2018			1.073	1.009	1.000	0.995	0.998	1.001	1.000	1.000	0.999
12/31/2019		1.141	1.073	1.009	1.000	0.995	0.998	1.001	1.000	1.000	0.999
12/31/2020	1.286	1.141	1.073	1.009	1.000	0.995	0.998	1.001	1.000	1.000	0.999

A.Y.E	147/159	159/171	171/183	183/195	195/207	207/219	219/231	231/243	243/Ult		FACTORS
12/31/2016	0.999	1.000	1.000	1.000	1.000	1.000	1.000	1.000	**1.000**		0.992
12/31/2017	0.999	1.000	1.000	1.000	1.000	1.000	1.000	1.000	**1.000**		1.001
12/31/2018	0.999	1.000	1.000	1.000	1.000	1.000	1.000	1.000	**1.000**		1.074
12/31/2019	0.999	1.000	1.000	1.000	1.000	1.000	1.000	1.000	**1.000**		1.225
12/31/2020	0.999	1.000	1.000	1.000	1.000	1.000	1.000	1.000	**1.000**		1.576

Bold - Calculated Using Modified Bondy Method
Italics - Three year mean Excludes Modified Bondy ratios

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

A.Y.E.	15 Months	27 Months	39 Months	51 Months	63 Months	75 Months	87 Months	99 Months	111 Months	123 Months	135 Months
12/31/2001	4,073,787	8,280,061	12,384,801	14,371,354	15,624,697	15,987,603	16,977,903	17,324,189	17,788,642	17,997,004	17,880,996
12/31/2002	3,659,421	6,659,517	8,933,159	12,089,945	13,950,666	14,274,823	15,166,548	15,627,383	15,697,453	15,665,644	15,738,692
12/31/2003	4,544,161	5,147,065	8,105,350	10,096,884	12,879,915	15,668,210	15,694,973	16,351,081	17,232,740	17,616,909	17,832,362
12/31/2004	3,529,068	7,644,748	13,400,236	19,316,920	27,603,342	30,562,451	27,305,302	27,588,788	27,811,518	29,104,570	29,138,743
12/31/2005	4,935,067	7,743,733	12,610,381	15,977,243	19,786,852	21,043,229	20,878,326	21,405,515	22,978,715	23,311,759	23,428,348
12/31/2006	2,908,587	7,294,716	11,680,755	14,439,680	16,534,815	18,315,673	19,309,963	20,098,851	19,975,304	19,956,820	20,021,804
12/31/2007	4,347,614	7,156,470	12,165,252	14,584,439	15,642,321	16,746,819	17,245,502	17,317,676	17,320,441	17,298,201	16,947,524
12/31/2008	3,929,768	8,622,677	10,722,709	15,118,128	17,808,944	19,334,901	20,645,800	21,303,835	21,800,225	21,812,201	21,831,669
12/31/2009	7,008,752	7,923,453	13,720,323	16,784,342	18,889,549	19,666,451	20,015,813	20,732,732	21,604,238	21,986,497	21,987,978
12/31/2010	4,079,550	6,850,482	10,239,259	13,015,163	14,090,276	14,933,459	15,664,241	15,323,716	15,346,255	15,369,221	15,393,109
12/31/2011	1,711,443	4,196,024	11,116,783	13,691,769	16,136,850	17,408,956	18,910,899	19,279,105	19,439,645	19,356,329	
12/31/2012	1,412,572	3,383,193	8,690,181	10,972,030	10,836,431	12,053,142	12,085,653	12,019,920	11,608,269		
12/31/2013	2,464,374	6,612,343	9,001,472	11,257,242	15,297,013	15,659,411	16,410,159	18,820,703			
12/31/2014	1,388,954	3,738,299	7,666,880	12,164,987	13,731,447	14,141,609	14,478,580				
12/31/2015	1,005,266	4,688,918	8,094,202	9,463,905	10,256,015	10,998,472					
12/31/2016	2,820,903	5,360,780	8,316,998	9,960,461	10,754,902						
12/31/2017	2,061,228	6,372,281	9,321,096	11,929,822							
12/31/2018	1,023,650	2,555,648	3,773,737								
12/31/2019	651,120	1,681,784									
12/31/2020	648,992										

A.Y.E.	147 Months	159 Months	171 Months	183 Months	195 Months	207 Months	219 Months	231 Months	243 Months
12/31/2001	18,446,575	19,474,328	18,543,085	19,506,358	18,390,866	18,390,866	18,420,444	18,463,310	18,463,310
12/31/2002	15,829,246	15,865,202	15,924,410	15,936,876	15,936,882	15,936,882	15,936,882	15,936,882	
12/31/2003	18,133,892	18,135,558	18,149,326	18,149,497	18,356,673	18,361,627	18,361,627		
12/31/2004	28,949,534	29,547,504	29,547,504	29,547,504	29,547,254	29,547,254			
12/31/2005	23,465,625	23,445,432	23,466,236	23,472,065	23,472,065				
12/31/2006	20,025,924	20,029,438	20,029,908	20,058,620					
12/31/2007	16,987,049	17,029,345	17,040,170						
12/31/2008	21,837,859	21,837,859							
12/31/2009	22,074,940								

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

Increments

A.Y.E.	27:15	39:27	51:39	63:51	75:63	87:75	99:87	111:99	123:111	135:123	147:135	159:147	171:159
12/31/2001	4,206,274	4,104,740	1,986,553	1,253,343	362,906	990,300	346,286	464,453	208,362	-116,008	565,579	1,027,753	-931,243
12/31/2002	3,000,096	2,273,642	3,156,786	1,860,721	324,157	891,725	460,835	70,070	-31,809	73,048	90,554	35,956	59,208
12/31/2003	602,904	2,958,285	1,991,534	2,783,031	2,788,295	26,763	656,108	881,659	384,169	215,453	301,530	1,666	13,768
12/31/2004	4,115,680	5,755,488	5,916,684	8,286,422	2,959,109	-3,257,149	283,486	222,730	1,293,052	34,173	-189,209	597,970	0
12/31/2005	2,808,666	4,866,648	3,366,862	3,809,609	1,256,377	-164,903	527,189	1,573,200	333,044	116,589	37,277	-20,193	20,804
12/31/2006	4,386,129	4,386,039	2,758,925	2,095,135	1,780,858	994,290	788,888	-123,547	-18,484	64,984	4,120	3,514	470
12/31/2007	2,808,856	5,008,782	2,419,187	1,057,882	1,104,498	498,683	72,174	2,765	-22,240	-350,677	39,525	42,296	10,825
12/31/2008	4,692,909	2,100,032	4,395,419	2,690,816	1,525,957	1,310,899	658,035	496,390	11,976	19,468	6,190	0	
12/31/2009	914,701	5,796,870	3,064,019	2,105,207	776,902	349,362	716,919	871,506	382,259	1,481	86,962		
12/31/2010	2,770,932	3,388,777	2,775,904	1,075,113	843,183	730,782	-340,525	22,539	22,966	23,888			
12/31/2011	2,484,581	6,920,759	2,574,986	2,445,081	1,272,106	1,501,943	368,206	160,540	-83,316				
12/31/2012	1,970,621	5,306,988	2,281,849	-135,599	1,216,711	32,511	-65,733	-411,651					
12/31/2013	4,147,969	2,389,129	2,255,770	4,039,771	362,398	750,748	2,410,544						
12/31/2014	2,349,345	3,928,581	4,498,107	1,566,460	410,162	336,971							
12/31/2015	3,683,652	3,405,284	1,369,703	792,110	742,457								
12/31/2016	2,539,877	2,956,218	1,643,463	794,441									
12/31/2017	4,311,053	2,948,815	2,608,726										
12/31/2018	1,531,998	1,218,089											
12/31/2019	1,030,664												

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
12/31/2001	0.1320	0.1288	0.0623	0.0393	0.0114	0.0311	0.0109	0.0146	0.0065	-0.0036	0.0178	0.0323	-0.0292
12/31/2002	0.0994	0.0754	0.1046	0.0617	0.0107	0.0296	0.0153	0.0023	-0.0011	0.0024	0.0030	0.0012	0.0020
12/31/2003	0.0216	0.1059	0.0713	0.0996	0.0998	0.0010	0.0235	0.0315	0.0137	0.0077	0.0108	0.0001	0.0005
12/31/2004	0.1019	0.1426	0.1466	0.2053	0.0733	-0.0807	0.0070	0.0055	0.0320	0.0008	-0.0047	0.0148	0.0000
12/31/2005	0.0687	0.1191	0.0824	0.0932	0.0308	-0.0040	0.0129	0.0385	0.0082	0.0029	0.0009	-0.0005	0.0005
12/31/2006	0.1073	0.1073	0.0675	0.0512	0.0436	0.0243	0.0193	-0.0030	-0.0005	0.0016	0.0001	0.0001	0.0000
12/31/2007	0.0878	0.1566	0.0757	0.0331	0.0345	0.0156	0.0023	0.0001	-0.0007	-0.0110	0.0012	0.0013	0.0003
12/31/2008	0.1399	0.0626	0.1311	0.0802	0.0455	0.0391	0.0196	0.0148	0.0004	0.0006	0.0002	0.0000	
12/31/2009	0.0355	0.2250	0.1189	0.0817	0.0302	0.0136	0.0278	0.0338	0.0148	0.0001	0.0034		
12/31/2010	0.1143	0.1398	0.1145	0.0444	0.0348	0.0301	-0.0140	0.0009	0.0009	0.0010			
12/31/2011	0.1321	0.3680	0.1369	0.1300	0.0676	0.0799	0.0196	0.0085	-0.0044				
12/31/2012	0.1382	0.3723	0.1601	-0.0095	0.0853	0.0023	-0.0046	-0.0289					
12/31/2013	0.2853	0.1644	0.1552	0.2779	0.0249	0.0516	0.1658						
12/31/2014	0.1263	0.2112	0.2418	0.0842	0.0220	0.0181							
12/31/2015	0.1762	0.1629	0.0655	0.0379	0.0355								
12/31/2016	0.1520	0.1770	0.0984	0.0476									
12/31/2017	0.2265	0.1549	0.1371										
12/31/2018	0.1021	0.0812											
12/31/2019	0.0923												
Best 3/5	0.1434	0.1649	0.1302	0.0566	0.0427	0.0333	0.0143	0.0081	0.0002	0.0006	0.0008	0.0005	0.0003

ARIZONA

Premises/Operations

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

Calculation of Loss Development Factors

	(1)	(2)	(3)	(4)	(5)
	Evaluation Period	Multistate Ratio (A)	State Ratio (B)	Credibility (C)	Weighted Ratio (D)	Credibility Constant (K_i)
	15 to 27 Months	1.414	1.346	0.8780	1.354	1,800,000
	27 to 39 Months	1.204	1.211	0.8719	1.210	2,300,000
	39 to 51 Months	1.065	1.041	0.8626	1.044	2,900,000
	51 to 63 Months	1.008	0.990	0.8169	0.993	3,500,000
	63 to 75 Months	0.995	0.995	0.7753	0.995	4,400,000
	75 to 87 Months	0.995	0.998	0.7182	0.997	5,500,000
	87 to 99 Months	0.997	1.004	0.6950	1.002	6,800,000
	99 to 111 Months	0.999	1.002	0.6258	1.001	8,500,000
	111 to 123 Months	0.999	1.000	0.5610	1.000	10,600,000
	123 to 135 Months	1.000	1.000	0.4573	1.000	13,200,000
	135 to 147 Months	1.001	1.000	0.4142	1.001	16,400,000
	147 to 159 Months	1.000	1.000	0.3487	1.000	20,500,000
	159 to 171 Months	1.000	1.000	0.3047	1.000	25,500,000
	171 to 183 Months	1.001	1.000	0.2444	1.001	31,900,000
	183 to 195 Months	1.000	1.000	0.1955	1.000	39,800,000
	195 to 207 Months	1.000	1.000	0.1538	1.000	49,700,000
	207 to 219 Months	1.000	1.000	0.1162	1.000	62,000,000
	219 to 231 Months	1.001	1.000	0.0632	1.001	77,500,000
	231 to 243 Months	1.000	1.000	0.0255	1.000	97,000,000
	243 to Ultimate	The Multistate ratio has been used.				

Accident Year Ending	27:15	39:27	Loss Development From 51:39	63:51	75:63	87:75	99:87	111:99	123:111	135:123	147:135
12/31/2018			1.044	0.993	0.995	0.997	1.002	1.001	1.000	1.000	1.001
12/31/2019		1.210	1.044	0.993	0.995	0.997	1.002	1.001	1.000	1.000	1.001
12/31/2020	1.354	1.210	1.044	0.993	0.995	0.997	1.002	1.001	1.000	1.000	1.001

	159:147	171:159	183:171	195:183	207:195	219:207	231:219	243:231	ULT:243	Factor
12/31/2018	1.000	1.000	1.001	1.000	1.000	1.000	1.001	1.000	1.001	1.035
12/31/2019	1.000	1.000	1.001	1.000	1.000	1.000	1.001	1.000	1.001	1.252
12/31/2020	1.000	1.000	1.001	1.000	1.000	1.000	1.001	1.000	1.001	1.696

(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) x (4)} + {(2) x {1.000 - (4)}}

ARIZONA

Premises/Operations

Owners, Landlords and Tenants
Bodily Injury
Full and Deductible Coverage
ALAE

Calculation of Cumulative Incremental Factors

	(1)	(2)	(3)	(4)	(5)
	Evaluation Period	Multistate Ratio (A)	State Ratio (B)	Credibility (C)	Weighted Ratio (D)	Credibility Constant (K_i)
15 to 27 Months	0.0613	0.0737	0.8780	0.0722	1,800,000
27 to 39 Months	0.0790	0.0978	0.8719	0.0954	2,300,000
39 to 51 Months	0.0555	0.0592	0.8626	0.0587	2,900,000
51 to 63 Months	0.0292	0.0401	0.8169	0.0381	3,500,000
63 to 75 Months	0.0095	0.0055	0.7753	0.0064	4,400,000
75 to 87 Months	0.0059	0.0066	0.7182	0.0064	5,500,000
87 to 99 Months	0.0037	0.0024	0.6950	0.0028	6,800,000
99 to 111 Months	0.0014	0.0019	0.6258	0.0017	8,500,000
111 to 123 Months	0.0009	0.0001	0.5610	0.0005	10,600,000
123 to 135 Months	0.0017	0.0000	0.4573	0.0009	13,200,000
135 to 147 Months	0.0007	0.0000	0.4142	0.0004	16,400,000
147 to 159 Months	0.0007	0.0000	0.3487	0.0005	20,500,000
159 to 171 Months	0.0005	0.0008	0.3047	0.0006	25,500,000
171 to Ultimate	A multistate ratio of 0.0000 has been used.				

Cumulative Incremental Factors

Months-to-Ultimate	15	27	39	51	63	75	87
	0.285	0.212	0.117	0.058	0.020	0.014	0.007

Months-to-Ultimate	99	111	123	135	147	159	171
	0.005	0.003	0.002	0.002	0.001	0.001	0.000

Full coverage

A.Y.E	Reported ALAE as of 6/30/2021	$500,000 Ultimate Indemnity	ALAE Factor	Additional ALAE	Ultimate ALAE
3/31/2019	2,894,138	12,850,735	0.117	1,503,536	4,397,674
3/31/2020	2,028,241	14,348,294	0.212	3,047,578	5,075,819
3/31/2021	437,750	7,193,147	0.285	2,047,170	2,484,920

Deductible Coverage

A.Y.E	Reported ALAE as of 6/30/2021	$500,000 Ultimate Indemnity	ALAE Factor	Additional ALAE	Ultimate ALAE
3/31/2019	352,355	864,363	0.117	101,130	453,485
3/31/2020	215,423	2,042,220	0.212	433,768	649,191
3/31/2021	69,493	1,376,842	0.285	391,849	461,342

(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) x (4)} + {(2) x {1.000 - (4)}}

ARIZONA

Premises/Operations

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

Calculation of Loss Development Factors

	(1)	(2)	(3)	(4)	(5)
Evaluation Period	Multistate Ratio (A)	State Ratio (B)	Credibility (C)	Weighted Ratio (D)	Credibility Constant (K_i)
15 to 27 Months	1.189	1.043	0.7018	1.087	900,000
27 to 39 Months	1.073	1.025	0.6812	1.040	1,000,000
39 to 51 Months	1.040	0.981	0.6400	1.002	1,200,000
51 to 63 Months	1.011	0.996	0.6680	1.001	1,400,000
63 to 75 Months	1.006	1.002	0.6473	1.003	1,600,000
75 to 87 Months	1.007	0.994	0.5992	0.999	1,900,000
87 to 99 Months	1.008	1.000	0.4912	1.004	2,200,000
99 to 111 Months	1.003	1.000	0.4844	1.002	2,600,000
111 to 123 Months	1.002	1.000	0.4147	1.001	2,900,000
123 to 135 Months	1.003	1.000	0.3541	1.002	3,400,000
135 to 147 Months	1.004	1.000	0.2525	1.003	4,000,000
147 to 159 Months	1.000	1.000	0.1658	1.000	4,600,000
159 to 171 Months	1.001	1.000	0.1743	1.001	5,300,000
171 to 183 Months	1.002	1.000	0.1309	1.002	6,100,000
183 to 195 Months	1.002	1.000	0.1201	1.002	7,100,000
195 to 207 Months	1.002	1.000	0.0784	1.002	8,200,000
207 to 219 Months	1.002	1.000	0.0574	1.002	9,500,000
219 to 231 Months	1.001	1.000	0.0372	1.001	11,000,000
231 to 243 Months	1.001	1.000	0.0210	1.001	12,800,000
243 to Ultimate	The Multistate ratio has been used.				

Accident Year Ending	27:15	39:27	Loss Development From 51:39	63:51	75:63	87:75	99:87	111:99	123:111	135:123	147:135
12/31/2018			1.002	1.001	1.003	0.999	1.004	1.002	1.001	1.002	1.003
12/31/2019		1.040	1.002	1.001	1.003	0.999	1.004	1.002	1.001	1.002	1.003
12/31/2020	1.087	1.040	1.002	1.001	1.003	0.999	1.004	1.002	1.001	1.002	1.003

Accident Year Ending	159:147	171:159	183:171	195:183	207:195	219:207	231:219	243:231	ULT:243	Factor
12/31/2018	1.000	1.001	1.002	1.002	1.002	1.002	1.001	1.001	1.004	1.032
12/31/2019	1.000	1.001	1.002	1.002	1.002	1.002	1.001	1.001	1.004	1.074
12/31/2020	1.000	1.001	1.002	1.002	1.002	1.002	1.001	1.001	1.004	1.167

(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) x (4)} + {(2) x {1.000 - (4)}}

ARIZONA

Premises/Operations

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

Calculation of Cumulative Incremental Factors

	(1)	(2)	(3)	(4)	(5)
Evaluation Period	Multistate Ratio (A)	State Ratio (B)	Credibility (C)	Weighted Ratio (D)	Credibility Constant (K_i)
15 to 27 Months	0.0798	0.0726	0.7018	0.0747	900,000
27 to 39 Months	0.0778	0.0450	0.6812	0.0555	1,000,000
39 to 51 Months	0.0615	0.0470	0.6400	0.0522	1,200,000
51 to 63 Months	0.0383	0.0185	0.6680	0.0251	1,400,000
63 to 75 Months	0.0260	0.0058	0.6473	0.0129	1,600,000
75 to 87 Months	0.0115	0.0044	0.5992	0.0072	1,900,000
87 to 99 Months	0.0170	0.0009	0.4912	0.0091	2,200,000
99 to 111 Months	0.0134	0.0000	0.4844	0.0069	2,600,000
111 to 123 Months	0.0109	0.0000	0.4147	0.0064	2,900,000
123 to 135 Months	0.0054	0.0018	0.3541	0.0041	3,400,000
135 to 147 Months	0.0086	0.0000	0.2525	0.0064	4,000,000
147 to 159 Months	-0.0013	0.0000	0.1658	-0.0011	4,600,000
159 to 171 Months	0.0032	0.0000	0.1743	0.0026	5,300,000
171 to Ultimate	A multistate ratio of 0.0000 has been used.				

Cumulative Incremental Factors

Months-to-Ultimate	15	27	39	51	63	75	87
	0.262	0.187	0.132	0.080	0.055	0.042	0.034

Months-to-Ultimate	99	111	123	135	147	159	171
	0.025	0.018	0.012	0.008	0.002	0.003	0.000

Full coverage

A.Y.E	Reported ALAE as of 6/30/2021	$500,000 Ultimate Indemnity	ALAE Factor	Additional ALAE	Ultimate ALAE
3/31/2019	542,276	1,117,565	0.132	147,295	689,571
3/31/2020	323,877	1,228,679	0.187	230,132	554,009
3/31/2021	342,393	1,360,831	0.262	356,538	698,931

Deductible Coverage

A.Y.E	Reported ALAE as of 6/30/2021	$500,000 Ultimate Indemnity	ALAE Factor	Additional ALAE	Ultimate ALAE
3/31/2019	112,800	89,194	0.132	11,756	124,556
3/31/2020	19,824	360,196	0.187	67,465	87,289
3/31/2021	44,543	74,184	0.262	19,436	63,979

(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) x (4)} + {(2) x {1.000 - (4)}}

ARIZONA

Premises/Operations

Owners, Landlords and Tenants
Fringe
Full Coverage
ALAE

Calculation of Cumulative Incremental Factors

	(1)	(2)
	Evaluation Period	Multistate Ratio (A)
15 to 27 Months	0.2179
27 to 39 Months	0.1923
39 to 51 Months	0.1669
51 to 63 Months	0.1408
63 to 75 Months	0.0832
75 to 87 Months	0.0859
87 to 99 Months	0.0435
99 to 111 Months	0.0189
111 to 123 Months	0.0085
123 to 135 Months	0.0018
135 to 147 Months	0.0006
147 to 159 Months	0.0184
159 to 171 Months	0.0072
171 to Ultimate	A multistate ratio of 0.0000 has been used.

Cumulative Incremental Factors

Months-to-Ultimate	15	27	39	51	63	75	87
	0.986	0.768	0.576	0.409	0.268	0.185	0.099

Months-to-Ultimate	99	111	123	135	147	159	171
	0.055	0.037	0.028	0.026	0.026	0.007	0.000

Full coverage

A.Y.E	Reported ALAE as of 6/30/2021	$500,000 Ultimate Indemnity	ALAE Factor	Additional ALAE	Ultimate ALAE
3/31/2019	67,915	232,186	0.576	133,669	201,584
3/31/2020	33,856	136,536	0.768	104,860	138,716
3/31/2021	69,422	232,867	0.986	229,584	299,006

(A) See Exhibit C5 - Multistate Loss Development.

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

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

$100,000 Basic Limit Losses as of :

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
12/31/2001	1,704,602	1,736,972	2,588,051	2,888,730	2,701,762	2,638,406	2,638,361	2,638,361	2,613,361	2,538,361	2,538,361
12/31/2002	1,938,002	2,544,608	2,832,076	3,005,772	2,669,001	2,689,901	2,689,901	2,689,901	2,689,901	2,689,028	2,689,028
12/31/2003	1,746,905	2,756,314	3,046,946	3,183,309	3,166,556	3,081,890	3,052,890	2,952,084	2,934,120	3,024,120	3,024,120
12/31/2004	2,654,574	3,055,077	3,363,635	3,331,640	3,101,902	3,127,263	3,141,101	3,136,101	3,136,101	3,125,476	3,125,476
12/31/2005	2,843,925	2,999,004	3,137,340	3,271,452	3,232,952	3,242,011	3,214,011	3,254,011	3,251,511	3,351,511	3,329,511
12/31/2006	2,613,513	3,380,758	3,703,759	3,625,298	3,600,254	3,499,345	3,506,595	3,511,675	3,511,675	3,511,675	3,511,675
12/31/2007	2,758,382	4,090,546	4,666,168	4,602,486	4,529,615	4,434,347	4,332,256	4,332,256	4,332,256	4,332,256	4,332,256
12/31/2008	2,211,167	3,199,813	3,162,961	3,098,242	3,014,040	2,993,040	3,008,040	3,110,290	3,133,290	3,133,290	3,133,290
12/31/2009	4,098,551	4,649,949	4,459,255	4,305,011	4,106,015	4,003,874	4,106,124	4,128,874	4,128,874	4,128,874	4,128,874
12/31/2010	3,743,876	4,633,774	4,783,510	4,319,000	4,017,255	3,954,049	3,892,549	3,871,423	3,841,423	3,861,423	3,861,423
12/31/2011	4,007,853	5,539,089	6,029,211	5,885,896	5,579,096	5,535,284	5,500,882	5,540,882	5,576,778	5,576,778	
12/31/2012	3,713,711	4,315,933	5,282,450	5,080,360	4,903,668	4,698,590	4,800,441	4,800,317	4,800,317		
12/31/2013	4,000,077	4,972,456	4,900,898	4,998,002	5,111,892	5,232,226	5,197,226	5,297,226			
12/31/2014	3,068,336	3,441,600	4,122,171	4,140,638	4,054,337	4,087,585	4,121,941				
12/31/2015	3,192,413	3,903,002	5,494,850	5,994,646	6,016,599	5,918,132					
12/31/2016	3,037,425	4,355,759	5,414,177	5,477,010	5,411,953						
12/31/2017	3,803,553	6,146,021	7,298,550	8,090,541							
12/31/2018	4,083,079	5,157,369	6,152,363								
12/31/2019	5,062,102	6,782,857									
12/31/2020	2,724,042										

A.Y.E.	147 Months	159 Months	171 Months	183 Months	195 Months	207 Months	219 Months	231 Months	243 Months
12/31/2001	2,538,361	2,538,361	2,538,361	2,538,361	2,538,361	2,538,361	2,538,361	2,538,361	2,538,361
12/31/2002	2,689,028	2,689,028	2,689,028	2,689,028	2,689,028	2,689,028	2,689,028	2,689,029	
12/31/2003	2,934,120	2,934,120	2,924,120	2,924,120	2,924,120	2,924,120	2,924,120		
12/31/2004	3,413,810	3,418,870	3,418,870	3,418,870	3,418,870	3,418,870			
12/31/2005	3,329,511	3,329,511	3,329,511	3,328,578	3,326,712				
12/31/2006	3,511,675	3,511,675	3,569,925	3,569,925					
12/31/2007	4,332,256	4,332,256	4,332,256						
12/31/2008	3,133,290	3,133,290							
12/31/2009	4,128,874								

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

Link Ratios

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
12/31/2001	1.019	1.490	1.116	0.935	0.977	1.000	1.000	0.991	0.971	1.000	1.000
12/31/2002	1.313	1.113	1.061	0.888	1.008	1.000	1.000	1.000	1.000	1.000	1.000
12/31/2003	1.578	1.105	1.045	0.995	0.973	0.991	0.967	0.994	1.031	1.000	0.970
12/31/2004	1.151	1.101	0.990	0.931	1.008	1.004	0.998	1.000	0.997	1.000	1.092
12/31/2005	1.055	1.046	1.043	0.988	1.003	0.991	1.012	0.999	1.031	0.993	1.000
12/31/2006	1.294	1.096	0.979	0.993	0.972	1.002	1.001	1.000	1.000	1.000	1.000
12/31/2007	1.483	1.141	0.986	0.984	0.979	0.977	1.000	1.000	1.000	1.000	1.000
12/31/2008	1.447	0.988	0.980	0.973	0.993	1.005	1.034	1.007	1.000	1.000	1.000
12/31/2009	1.135	0.959	0.965	0.954	0.975	1.026	1.006	1.000	1.000	1.000	1.000
12/31/2010	1.238	1.032	0.903	0.930	0.984	0.984	0.995	0.992	1.005	1.000	
12/31/2011	1.382	1.088	0.976	0.948	0.992	0.994	1.007	1.006	1.000		
12/31/2012	1.162	1.224	0.962	0.965	0.958	1.022	1.000	1.000			
12/31/2013	1.243	0.986	1.020	1.023	1.024	0.993	1.019				
12/31/2014	1.122	1.198	1.004	0.979	1.008	1.008					
12/31/2015	1.223	1.408	1.091	1.004	0.984						
12/31/2016	1.434	1.243	1.012	0.988							
12/31/2017	1.616	1.188	1.109								
12/31/2018	1.263	1.193									
12/31/2019	1.340										
3 Yr Mean	1.406	1.208	1.071	0.990	1.005	1.008	1.009	0.999	1.002	1.000	1.000
Best 3/5	1.346	1.211	1.041	0.990	0.995	0.998	1.004	1.002	1.000	1.000	1.000

A.Y.E.	159:147	171:159	183:171	195:183	207:195	219:207	231:219	243:231
12/31/2001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
12/31/2002	1.000	1.000	1.000	1.000	1.000	1.000	1.000	**1.000**
12/31/2003	1.000	0.997	1.000	1.000	1.000	1.000	**1.000**	**1.000**
12/31/2004	1.001	1.000	1.000	1.000	1.000	**1.000**	**1.000**	**1.000**
12/31/2005	1.000	1.000	1.000	0.999	**1.000**	**1.000**	**1.000**	**1.000**
12/31/2006	1.000	1.017	1.000					
12/31/2007	1.000	1.000						
12/31/2008	1.000							
3 Yr Mean	1.000	1.006	1.000	1.000	*1.000*	*1.000*	*1.000*	*1.000*
Best 3/5	1.000	1.000	1.000	1.000	**1.000**	**1.000**	**1.000**	**1.000**

Development From

A.Y.E.	15/ 27	27/ 39	39/ 51	51/ 63	63/ 75	75/ 87	87/ 99	99/111	111/123	123/135	135/147
12/31/2016					0.995	0.998	1.004	1.002	1.000	1.000	1.000
12/31/2017				0.990	0.995	0.998	1.004	1.002	1.000	1.000	1.000
12/31/2018			1.041	0.990	0.995	0.998	1.004	1.002	1.000	1.000	1.000
12/31/2019		1.211	1.041	0.990	0.995	0.998	1.004	1.002	1.000	1.000	1.000
12/31/2020	1.346	1.211	1.041	0.990	0.995	0.998	1.004	1.002	1.000	1.000	1.000

A.Y.E.	147/159	159/171	171/183	183/195	195/207	207/219	219/231	231/243	243/Ult		FACTORS
12/31/2016	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	**1.000**		0.999
12/31/2017	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	**1.000**		0.989
12/31/2018	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	**1.000**		1.030
12/31/2019	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	**1.000**		1.247
12/31/2020	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	**1.000**		1.678

Bold - Calculated Using Modified Bondy Method
Italics - Three year mean Excludes Modified Bondy ratios

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

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
12/31/2001	303,468	982,910	2,374,862	2,025,935	2,266,609	2,228,837	2,232,595	2,232,595	2,232,595	2,232,595	2,232,595
12/31/2002	336,210	674,521	1,115,968	1,217,050	1,259,760	1,226,642	1,228,412	1,266,566	1,350,442	1,786,192	1,887,463
12/31/2003	428,802	1,505,142	3,291,227	5,049,994	6,307,885	6,841,539	6,861,093	6,857,026	6,810,130	6,755,733	6,610,424
12/31/2004	680,890	1,205,801	2,249,910	2,657,364	2,606,008	2,653,306	2,499,973	2,501,444	2,501,444	2,436,609	2,436,609
12/31/2005	346,860	719,220	1,135,925	1,188,011	1,184,244	1,244,710	1,255,550	1,228,307	1,277,193	1,314,567	1,341,123
12/31/2006	366,213	689,790	1,502,512	1,508,701	1,709,546	1,754,491	1,799,505	1,797,775	1,797,775	1,797,775	1,797,775
12/31/2007	413,108	1,189,994	3,205,827	3,981,869	4,269,053	4,337,559	4,280,562	4,280,562	4,280,562	4,283,913	4,283,913
12/31/2008	249,132	654,837	962,937	1,480,703	1,675,085	1,607,237	1,597,615	1,638,811	1,615,613	1,615,613	1,612,316
12/31/2009	659,689	1,178,365	1,574,204	2,021,237	2,047,218	2,138,791	2,200,845	2,206,188	2,202,022	2,192,535	2,192,759
12/31/2010	500,751	1,109,018	1,904,146	2,514,861	2,725,662	2,634,062	2,608,391	2,604,891	2,603,591	2,603,592	2,603,592
12/31/2011	629,791	1,180,170	2,124,046	2,560,015	2,870,489	2,914,915	2,967,299	3,022,973	3,195,832	3,338,929	
12/31/2012	497,221	802,105	1,523,015	1,798,286	2,408,030	2,431,347	2,519,306	2,488,307	2,538,308		
12/31/2013	727,853	1,365,859	2,164,038	2,610,951	2,937,264	2,940,864	2,955,374	3,154,874			
12/31/2014	556,173	1,228,254	1,721,400	2,013,589	2,139,336	2,271,917	2,356,884				
12/31/2015	556,570	1,188,138	2,474,713	3,267,933	3,234,913	3,303,658					
12/31/2016	553,628	1,132,798	1,994,450	2,418,113	2,944,759						
12/31/2017	707,475	1,736,669	3,060,555	3,971,724							
12/31/2018	713,063	1,334,730	2,335,404								
12/31/2019	547,065	1,809,150									
12/31/2020	637,391										

A.Y.E	147 Months	159 Months	171 Months	183 Months	195 Months	207 Months	219 Months	231 Months	243 Months
12/31/2001	2,232,595	2,232,595	2,232,595	2,232,595	2,232,595	2,232,595	2,232,595	2,232,595	2,232,595
12/31/2002	1,888,899	1,888,899	1,888,899	1,889,625	1,889,625	1,889,625	1,889,625	1,904,625	
12/31/2003	6,603,418	6,603,418	6,603,418	6,603,418	6,603,418	6,603,418	6,603,418		
12/31/2004	2,921,864	3,008,537	3,024,532	3,024,532	3,024,532	3,024,532			
12/31/2005	1,341,123	1,341,123	1,341,123	1,341,123	1,341,123				
12/31/2006	1,797,775	1,797,775	1,810,101	1,810,101					
12/31/2007	4,283,913	4,283,913	4,283,913						
12/31/2008	1,612,316	1,612,316							
12/31/2009	2,192,579								

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

Increments

A.Y.E.	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
12/31/2001	679,442	1,391,952	-348,927	240,674	-37,772	3,758	0	0	0	0	0	0	0
12/31/2002	338,311	441,447	101,082	42,710	-33,118	1,770	38,154	83,876	435,750	101,271	1,436	0	0
12/31/2003	1,076,340	1,786,085	1,758,767	1,257,891	533,654	19,554	-4,067	-46,896	-54,397	-145,309	-7,006	0	0
12/31/2004	524,911	1,044,109	407,454	-51,356	47,298	-153,333	1,471	0	-64,835	0	485,255	86,673	15,995
12/31/2005	372,360	416,705	52,086	-3,767	60,466	10,840	-27,243	48,886	37,374	26,556	0	0	0
12/31/2006	323,577	812,722	6,189	200,845	44,945	45,014	-1,730	0	0	0	0	0	12,326
12/31/2007	776,886	2,015,833	776,042	287,184	68,506	-56,997	0	0	3,351	0	0	0	0
12/31/2008	405,705	308,100	517,766	194,382	-67,848	-9,622	41,196	-23,198	0	-3,297	0	0	
12/31/2009	518,676	395,839	447,033	25,981	91,573	62,054	5,343	-4,166	-9,487	224	-180		
12/31/2010	608,267	795,128	610,715	210,801	-91,600	-25,671	-3,500	-1,300	1	0			
12/31/2011	550,379	943,876	435,969	310,474	44,426	52,384	55,674	172,859	143,097				
12/31/2012	304,884	720,910	275,271	609,744	23,317	87,959	-30,999	50,001					
12/31/2013	638,006	798,179	446,913	326,313	3,600	14,510	199,500						
12/31/2014	672,081	493,146	292,189	125,747	132,581	84,967							
12/31/2015	631,568	1,286,575	793,220	-33,020	68,745								
12/31/2016	579,170	861,652	423,663	526,646									
12/31/2017	1,029,194	1,323,886	911,169										
12/31/2018	621,667	1,000,674											
12/31/2019	1,262,085												

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
12/31/2001	0.1360	0.2786	-0.0698	0.0482	-0.0076	0.0008	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12/31/2002	0.0840	0.1096	0.0251	0.0106	-0.0082	0.0004	0.0095	0.0208	0.1082	0.0251	0.0004	0.0000	0.0000
12/31/2003	0.2151	0.3569	0.3515	0.2514	0.1067	0.0039	-0.0008	-0.0094	-0.0109	-0.0290	-0.0014	0.0000	0.0000
12/31/2004	0.0891	0.1772	0.0691	-0.0087	0.0080	-0.0260	0.0002	0.0000	-0.0110	0.0000	0.0824	0.0147	0.0027
12/31/2005	0.0723	0.0810	0.0101	-0.0007	0.0117	0.0021	-0.0053	0.0095	0.0073	0.0052	0.0000	0.0000	0.0000
12/31/2006	0.0640	0.1607	0.0012	0.0397	0.0089	0.0089	-0.0003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0024
12/31/2007	0.1002	0.2599	0.1000	0.0370	0.0088	-0.0073	0.0000	0.0000	0.0004	0.0000	0.0000	0.0000	0.0000
12/31/2008	0.0821	0.0624	0.1048	0.0394	-0.0137	-0.0019	0.0083	-0.0047	0.0000	-0.0007	0.0000	0.0000	
12/31/2009	0.0879	0.0671	0.0758	0.0044	0.0155	0.0105	0.0009	-0.0007	-0.0016	0.0000	0.0000		
12/31/2010	0.1091	0.1426	0.1095	0.0378	-0.0164	-0.0046	-0.0006	-0.0002	0.0000	0.0000			
12/31/2011	0.0678	0.1163	0.0537	0.0383	0.0055	0.0065	0.0069	0.0213	0.0176				
12/31/2012	0.0401	0.0947	0.0362	0.0801	0.0031	0.0116	-0.0041	0.0066					
12/31/2013	0.0798	0.0998	0.0559	0.0408	0.0005	0.0018	0.0249						
12/31/2014	0.0959	0.0704	0.0417	0.0180	0.0189	0.0121							
12/31/2015	0.0718	0.1463	0.0902	-0.0038	0.0078								
12/31/2016	0.0677	0.1007	0.0495	0.0616									
12/31/2017	0.0817	0.1050	0.0723										
12/31/2018	0.0544	0.0876											
12/31/2019	0.0877												
Best 3/5	0.0737	0.0978	0.0592	0.0401	0.0055	0.0066	0.0024	0.0019	0.0001	0.0000	0.0000	0.0000	0.0008

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

$100,000 Basic Limit Losses as of :

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
12/31/2001	299,351	365,000	274,484	274,624	274,524	274,484	274,484	274,484	274,484	274,484	274,484
12/31/2002	148,690	211,885	154,385	200,385	200,385	150,385	150,385	150,385	150,385	150,385	150,385
12/31/2003	191,533	192,056	208,043	153,042	153,042	153,042	153,042	153,042	153,042	153,042	153,042
12/31/2004	162,109	353,227	378,285	374,126	378,236	376,626	376,626	394,126	394,126	394,126	394,126
12/31/2005	169,640	308,311	376,973	422,062	427,082	422,062	422,062	422,062	422,062	422,062	422,062
12/31/2006	137,535	106,908	102,348	102,348	102,348	102,348	102,348	102,348	102,348	102,348	102,348
12/31/2007	353,752	439,566	480,328	495,096	594,180	594,180	594,180	594,182	594,186	594,182	594,180
12/31/2008	279,992	364,818	309,302	240,468	227,591	230,668	257,418	217,668	252,948	217,918	217,918
12/31/2009	362,527	447,353	537,597	652,597	539,600	539,599	539,597	539,597	539,597	538,871	538,871
12/31/2010	1,078,241	1,168,222	1,054,634	1,090,336	1,090,336	1,106,441	1,105,841	1,105,841	1,105,841	1,107,347	1,107,347
12/31/2011	475,131	457,338	431,691	399,081	404,081	402,733	408,914	408,914	408,914	408,914	
12/31/2012	672,859	813,379	893,462	941,911	926,209	930,990	927,980	927,754	927,754		
12/31/2013	837,340	842,074	925,396	806,990	808,790	809,819	787,112	787,112			
12/31/2014	1,218,826	1,021,430	1,121,133	1,080,635	1,084,933	1,099,833	1,084,833				
12/31/2015	942,723	974,618	995,769	1,021,372	1,042,622	1,042,622					
12/31/2016	464,407	533,243	559,926	714,914	639,914						
12/31/2017	716,731	578,047	577,850	550,095							
12/31/2018	634,470	1,025,096	1,027,423								
12/31/2019	766,603	726,001									
12/31/2020	716,597										

A.Y.E.	147 Months	159 Months	171 Months	183 Months	195 Months	207 Months	219 Months	231 Months	243 Months
12/31/2001	274,484	274,484	274,484	274,484	274,484	274,484	274,484	274,484	274,484
12/31/2002	150,385	150,385	150,385	150,385	150,385	150,385	150,385	150,385	
12/31/2003	153,042	153,042	153,042	153,042	153,042	153,996	153,996		
12/31/2004	394,126	394,126	394,126	394,126	394,126	394,126			
12/31/2005	422,062	422,062	422,253	422,253	422,253				
12/31/2006	102,348	102,348	102,373	102,373					
12/31/2007	594,180	594,180	594,180						
12/31/2008	217,918	218,053							
12/31/2009	538,871								

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

Link Ratios

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
12/31/2001	1.219	0.752	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
12/31/2002	1.425	0.729	1.298	1.000	0.750	1.000	1.000	1.000	1.000	1.000	1.000
12/31/2003	1.003	1.083	0.736	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
12/31/2004	2.179	1.071	0.989	1.011	0.996	1.000	1.046	1.000	1.000	1.000	1.000
12/31/2005	1.817	1.223	1.120	1.012	0.988	1.000	1.000	1.000	1.000	1.000	1.000
12/31/2006	0.777	0.957	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
12/31/2007	1.243	1.093	1.031	1.200	1.000	1.000	1.000	1.000	1.000	1.000	1.000
12/31/2008	1.303	0.848	0.777	0.946	1.014	1.116	0.846	1.162	0.862	1.000	1.000
12/31/2009	1.234	1.202	1.214	0.827	1.000	1.000	1.000	1.000	0.999	1.000	1.000
12/31/2010	1.083	0.903	1.034	1.000	1.015	0.999	1.000	1.000	1.001	1.000	
12/31/2011	0.963	0.944	0.924	1.013	0.997	1.015	1.000	1.000	1.000		
12/31/2012	1.209	1.098	1.054	0.983	1.005	0.997	1.000	1.000			
12/31/2013	1.006	1.099	0.872	1.002	1.001	0.972	1.000				
12/31/2014	0.838	1.098	0.964	1.004	1.014	0.986					
12/31/2015	1.034	1.022	1.026	1.021	1.000						
12/31/2016	1.148	1.050	1.277	0.895							
12/31/2017	0.807	1.000	0.952								
12/31/2018	1.616	1.002									
12/31/2019	0.947										
3 Yr Mean	1.123	1.017	1.085	0.973	1.005	0.985	1.000	1.000	1.000	1.000	1.000
Best 3/5	1.043	1.025	0.981	0.996	1.002	0.994	1.000	1.000	1.000	1.000	1.000

A.Y.E.	159:147	171:159	183:171	195:183	207:195	219:207	231:219	243:231
12/31/2001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
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	1.006	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					
12/31/2007	1.000	1.000						
12/31/2008	1.001							
3 Yr Mean	1.000	1.000	1.000	1.000	*1.002*	*1.000*	*1.000*	*1.000*
Best 3/5	1.000	1.000	1.000	1.000	**1.000**	**1.000**	**1.000**	**1.000**

Development From

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
12/31/2016					1.002	0.994	1.000	1.000	1.000	1.000	1.000
12/31/2017				0.996	1.002	0.994	1.000	1.000	1.000	1.000	1.000
12/31/2018			0.981	0.996	1.002	0.994	1.000	1.000	1.000	1.000	1.000
12/31/2019		1.025	0.981	0.996	1.002	0.994	1.000	1.000	1.000	1.000	1.000
12/31/2020	1.043	1.025	0.981	0.996	1.002	0.994	1.000	1.000	1.000	1.000	1.000

A.Y.E.	147/159	159/171	171/183	183/195	195/207	207/219	219/231	231/243	243/Ult		FACTORS
12/31/2016	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	**1.000**		0.996
12/31/2017	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	**1.000**		0.992
12/31/2018	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	**1.000**		0.973
12/31/2019	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	**1.000**		0.997
12/31/2020	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	**1.000**		1.040

Bold - Calculated Using Modified Bondy Method
Italics - Three year mean Excludes Modified Bondy ratios

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

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
12/31/2001	9,794	83,508	139,774	139,654	139,609	139,609	139,609	139,609	139,609	139,609	139,609
12/31/2002	9,365	37,679	52,284	55,727	92,997	129,548	129,884	129,884	129,884	129,884	129,884
12/31/2003	61,374	124,793	158,358	162,313	160,281	160,281	160,281	160,281	160,281	160,281	160,281
12/31/2004	17,867	98,135	300,762	412,570	417,471	420,351	472,195	475,322	481,776	481,776	481,776
12/31/2005	25,487	85,063	132,010	299,092	542,896	346,038	346,038	346,038	346,038	346,038	346,038
12/31/2006	13,738	62,757	60,053	60,053	60,053	60,053	69,688	69,688	69,688	69,688	69,688
12/31/2007	23,700	94,234	169,384	197,871	414,541	434,334	343,745	343,745	343,745	343,745	352,405
12/31/2008	44,102	258,031	372,124	387,328	412,650	406,036	399,443	399,443	399,443	399,443	399,443
12/31/2009	41,956	151,699	260,947	592,897	740,284	740,292	740,292	740,292	740,292	740,292	740,292
12/31/2010	42,168	170,103	226,488	335,602	331,222	1,103,430	2,553,716	2,723,306	2,986,483	3,060,298	3,067,735
12/31/2011	40,752	54,745	77,951	60,650	69,133	63,847	64,859	64,859	64,859	64,859	
12/31/2012	36,240	117,065	241,629	267,822	278,167	315,167	283,167	278,167	278,167		
12/31/2013	100,177	89,360	153,524	173,598	175,778	175,778	187,278	189,973			
12/31/2014	129,452	96,051	130,252	175,174	225,481	241,406	240,050				
12/31/2015	86,083	122,129	159,254	203,614	223,379	235,306					
12/31/2016	131,825	198,789	282,353	1,388,690	1,633,709						
12/31/2017	168,068	243,742	272,784	334,537							
12/31/2018	150,880	468,038	546,766								
12/31/2019	147,447	188,569									
12/31/2020	222,477										

A.Y.E	147 Months	159 Months	171 Months	183 Months	195 Months	207 Months	219 Months	231 Months	243 Months
12/31/2001	139,609	139,609	139,609	139,609	139,609	139,609	139,609	139,609	139609
12/31/2002	129,884	129,884	129,884	129,884	129,884	129,884	129,884	129884	
12/31/2003	160,281	160,281	160,281	160,281	160,281	160,639	160639		
12/31/2004	481,776	481,776	481,776	481,776	481,776	481776			
12/31/2005	346,038	346,038	346,038	346,038	346038				
12/31/2006	69,688	69,688	69,688	69688					
12/31/2007	352,405	352,405	360893						
12/31/2008	399,443	399443							
12/31/2009	740,292								

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

Increments

A.Y.E.	27:15	39:27	51:39	63:51	75:63	87:75	99:87	111:99	123:111	135:123	147:135	159:147	171:159
12/31/2001	73,714	56,266	-120	-45	0	0	0	0	0	0	0	0	0
12/31/2002	28,314	14,605	3,443	37,270	36,551	336	0	0	0	0	0	0	0
12/31/2003	63,419	33,565	3,955	-2,032	0	0	0	0	0	0	0	0	0
12/31/2004	80,268	202,627	111,808	4,901	2,880	51,844	3,127	6,454	0	0	0	0	0
12/31/2005	59,576	46,947	167,082	243,804	-196,858	0	0	0	0	0	0	0	0
12/31/2006	49,019	-2,704	0	0	0	9,635	0	0	0	0	0	0	0
12/31/2007	70,534	75,150	28,487	216,670	19,793	-90,589	0	0	0	8,660	0	0	8,488
12/31/2008	213,929	114,093	15,204	25,322	-6,614	-6,593	0	0	0	0	0	0	
12/31/2009	109,743	109,248	331,950	147,387	8	0	0	0	0	0	0		
12/31/2010	127,935	56,385	109,114	-4,380	772,208	1,450,286	169,590	263,177	73,815	7,437			
12/31/2011	13,993	23,206	-17,301	8,483	-5,286	1,012	0	0	0				
12/31/2012	80,825	124,564	26,193	10,345	37,000	-32,000	-5,000	0					
12/31/2013	-10,817	64,164	20,074	2,180	0	11,500	2,695						
12/31/2014	-33,401	34,201	44,922	50,307	15,925	-1,356							
12/31/2015	36,046	37,125	44,360	19,765	11,927								
12/31/2016	66,964	83,564	1,106,337	245,019									
12/31/2017	75,674	29,042	61,753										
12/31/2018	317,158	78,728											
12/31/2019	41,122												

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
12/31/2001	0.2683	0.2048	-0.0004	-0.0002	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12/31/2002	0.1879	0.0969	0.0228	0.2473	0.2426	0.0022	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12/31/2003	0.4106	0.2173	0.0256	-0.0132	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12/31/2004	0.1929	0.4869	0.2686	0.0118	0.0069	0.1246	0.0075	0.0155	0.0000	0.0000	0.0000	0.0000	0.0000
12/31/2005	0.0685	0.0540	0.1922	0.2805	-0.2265	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12/31/2006	0.4746	-0.0262	0.0000	0.0000	0.0000	0.0933	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12/31/2007	0.0905	0.0964	0.0366	0.2780	0.0254	-0.1162	0.0000	0.0000	0.0000	0.0111	0.0000	0.0000	0.0109
12/31/2008	0.9685	0.5165	0.0688	0.1146	-0.0299	-0.0298	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
12/31/2009	0.1740	0.1732	0.5262	0.2336	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		
12/31/2010	0.0914	0.0403	0.0779	-0.0031	0.5514	1.0356	0.1211	0.1879	0.0527	0.0053			
12/31/2011	0.0335	0.0555	-0.0414	0.0203	-0.0126	0.0024	0.0000	0.0000	0.0000				
12/31/2012	0.0690	0.1063	0.0224	0.0088	0.0316	-0.0273	-0.0043	0.0000					
12/31/2013	-0.0110	0.0653	0.0204	0.0022	0.0000	0.0117	0.0027						
12/31/2014	-0.0252	0.0258	0.0339	0.0379	0.0120	-0.0010							
12/31/2015	0.0163	0.0168	0.0200	0.0089	0.0054								
12/31/2016	0.0616	0.0768	1.0171	0.2253									
12/31/2017	0.1063	0.0408	0.0868										
12/31/2018	0.2751	0.0683											
12/31/2019	0.0499												
Best 3/5	0.0726	0.0450	0.0470	0.0185	0.0058	0.0044	0.0009	0.0000	0.0000	0.0018	0.0000	0.0000	0.0000

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

$100,000 Basic Limit Losses as of :

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
12/31/2001	192,358,641	241,307,492	277,594,110	296,133,295	297,453,799	292,598,633	289,938,147	286,842,008	286,125,105	285,434,689	286,182,454
12/31/2002	185,077,291	239,291,896	288,311,647	307,137,876	303,867,519	299,425,552	296,353,519	295,621,736	294,486,270	294,681,137	294,499,585
12/31/2003	198,951,055	276,875,613	324,688,363	326,690,130	317,226,259	313,125,216	308,421,647	306,834,108	305,953,053	306,327,306	306,333,230
12/31/2004	224,986,130	304,199,419	337,938,719	343,446,335	336,356,382	331,465,490	329,557,934	328,781,251	328,475,882	328,002,291	328,423,934
12/31/2005	243,941,909	304,273,676	339,997,354	343,452,526	335,444,929	331,574,550	328,209,044	327,096,445	326,479,674	326,318,545	326,060,245
12/31/2006	231,687,053	290,449,099	322,001,640	325,308,735	319,637,311	314,125,076	312,274,524	309,909,335	309,532,223	308,817,247	308,835,192
12/31/2007	266,226,010	331,118,415	366,548,782	374,224,391	366,464,133	362,530,384	359,158,934	358,648,025	357,870,323	357,528,133	357,604,998
12/31/2008	258,367,704	326,543,682	362,618,952	365,012,512	358,934,302	353,805,130	351,425,056	349,213,474	348,791,862	348,234,918	348,320,723
12/31/2009	277,447,251	358,276,655	395,445,119	399,213,431	391,862,076	388,924,569	385,250,328	383,237,528	382,300,614	382,127,631	382,160,963
12/31/2010	311,073,751	387,929,655	426,911,171	431,421,277	424,097,879	421,350,238	419,320,069	417,383,475	416,839,457	416,515,707	416,455,228
12/31/2011	312,268,413	400,791,342	446,254,034	450,146,710	442,204,912	438,441,956	434,604,230	434,088,618	433,660,470	433,209,156	
12/31/2012	260,764,693	339,952,690	372,866,617	377,808,608	376,361,155	374,045,032	372,775,587	372,024,705	370,797,736		
12/31/2013	289,323,126	364,515,432	407,625,023	423,660,430	428,296,156	426,794,385	425,824,065	424,912,338			
12/31/2014	286,923,817	377,855,556	446,296,668	481,663,405	483,534,078	483,345,072	479,749,158				
12/31/2015	280,064,949	384,957,050	471,616,835	499,814,014	505,123,736	503,174,952					
12/31/2016	259,789,324	383,091,025	463,409,359	496,092,552	500,848,792						
12/31/2017	285,486,085	416,291,434	508,542,915	540,521,217							
12/31/2018	319,053,357	448,166,841	528,340,690								
12/31/2019	301,674,435	415,841,322									
12/31/2020	176,137,288										

A.Y.E	147 Months	159 Months	171 Months	183 Months	195 Months	207 Months	219 Months	231 Months	243 Months
12/31/2001	286,155,512	286,005,281	286,485,336	286,648,218	286,680,991	286,664,189	286,651,951	286,717,113	286,827,942
12/31/2002	294,141,495	294,673,739	294,688,580	294,965,225	294,921,125	295,231,975	295,419,026	295,517,295	
12/31/2003	306,046,159	305,783,512	305,389,916	305,303,287	305,545,551	305,886,548	306,206,460		
12/31/2004	328,726,421	328,693,379	328,795,820	328,564,348	329,182,424	329,326,417			
12/31/2005	326,217,911	326,228,109	325,995,196	326,225,569	326,193,636				
12/31/2006	308,487,732	308,277,764	309,460,237	309,687,788					
12/31/2007	357,796,900	358,192,378	358,366,316						
12/31/2008	348,780,992	349,393,305							
12/31/2009	382,423,983								

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

Link Ratios

A.Y.E.	27:15	39:27	51:39	63:51	75:63	87:75	99:87	111:99	123:111	135:123	147:135
12/31/2001	1.254	1.150	1.067	1.004	0.984	0.991	0.989	0.998	0.998	1.003	1.000
12/31/2002	1.293	1.205	1.065	0.989	0.985	0.990	0.998	0.996	1.001	0.999	0.999
12/31/2003	1.392	1.173	1.006	0.971	0.987	0.985	0.995	0.997	1.001	1.000	0.999
12/31/2004	1.352	1.111	1.016	0.979	0.985	0.994	0.998	0.999	0.999	1.001	1.001
12/31/2005	1.247	1.117	1.010	0.977	0.988	0.990	0.997	0.998	1.000	0.999	1.000
12/31/2006	1.254	1.109	1.010	0.983	0.983	0.994	0.992	0.999	0.998	1.000	0.999
12/31/2007	1.244	1.107	1.021	0.979	0.989	0.991	0.999	0.998	0.999	1.000	1.001
12/31/2008	1.264	1.110	1.007	0.983	0.986	0.993	0.994	0.999	0.998	1.000	1.001
12/31/2009	1.291	1.104	1.010	0.982	0.993	0.991	0.995	0.998	1.000	1.000	1.001
12/31/2010	1.247	1.100	1.011	0.983	0.994	0.995	0.995	0.999	0.999	1.000	
12/31/2011	1.283	1.113	1.009	0.982	0.991	0.991	0.999	0.999	0.999		
12/31/2012	1.304	1.097	1.013	0.996	0.994	0.997	0.998	0.997			
12/31/2013	1.260	1.118	1.039	1.011	0.996	0.998	0.998				
12/31/2014	1.317	1.181	1.079	1.004	1.000	0.993					
12/31/2015	1.375	1.225	1.060	1.011	0.996						
12/31/2016	1.475	1.210	1.071	1.010							
12/31/2017	1.458	1.222	1.063								
12/31/2018	1.405	1.179									
12/31/2019	1.378										
3 Yr Mean	1.414	1.204	1.065	1.008	0.997	0.996	0.998	0.998	0.999	1.000	1.001
Best 3/5	1.414	1.204	1.065	1.008	0.995	0.995	0.997	0.999	0.999	1.000	1.001

A.Y.E.	159:147	171:159	183:171	195:183	207:195	219:207	231:219	243:231
12/31/2001	0.999	1.002	1.001	1.000	1.000	1.000	1.000	1.000
12/31/2002	1.002	1.000	1.001	1.000	1.001	1.001	1.000	**1.000**
12/31/2003	0.999	0.999	1.000	1.001	1.001	1.001	**1.001**	**1.000**
12/31/2004	1.000	1.000	0.999	1.002	1.000	**1.000**	**1.001**	**1.000**
12/31/2005	1.000	0.999	1.001	1.000	**1.000**	**1.000**	**1.001**	**1.000**
12/31/2006	0.999	1.004	1.001					
12/31/2007	1.001	1.000						
12/31/2008	1.002							
3 Yr Mean	1.001	1.001	1.000	1.001	*1.001*	*1.001*	*1.000*	*1.000*
Best 3/5	1.000	1.000	1.001	1.000	**1.000**	**1.000**	**1.001**	**1.000**

Development From

A.Y.E.	15/ 27	27/ 39	39/ 51	51/ 63	63/ 75	75/ 87	87/ 99	99/111	111/123	123/135	135/147
12/31/2016					0.995	0.995	0.997	0.999	0.999	1.000	1.001
12/31/2017				1.008	0.995	0.995	0.997	0.999	0.999	1.000	1.001
12/31/2018			1.065	1.008	0.995	0.995	0.997	0.999	0.999	1.000	1.001
12/31/2019		1.204	1.065	1.008	0.995	0.995	0.997	0.999	0.999	1.000	1.001
12/31/2020	1.414	1.204	1.065	1.008	0.995	0.995	0.997	0.999	0.999	1.000	1.001

A.Y.E	147/159	159/171	171/183	183/195	195/207	207/219	219/231	231/243	243/Ult		FACTORS
12/31/2016	1.000	1.000	1.001	1.000	1.000	1.000	1.001	1.000	**1.000**		0.989
12/31/2017	1.000	1.000	1.001	1.000	1.000	1.000	1.001	1.000	**1.001**		0.997
12/31/2018	1.000	1.000	1.001	1.000	1.000	1.000	1.001	1.000	**1.001**		1.062
12/31/2019	1.000	1.000	1.001	1.000	1.000	1.000	1.001	1.000	**1.001**		1.278
12/31/2020	1.000	1.000	1.001	1.000	1.000	1.000	1.001	1.000	**1.001**		1.808

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 :

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
12/31/2001	11,763,086	16,231,873	19,272,695	17,781,993	17,654,746	18,005,632	18,086,344	18,369,527	18,253,218	18,438,220	18,413,094
12/31/2002	13,507,155	17,805,237	17,811,930	18,947,437	20,399,156	19,770,000	19,587,067	19,656,970	19,360,465	19,360,465	19,410,465
12/31/2003	14,307,805	20,866,423	19,108,013	21,983,884	22,715,722	21,799,419	21,241,384	21,069,895	21,038,072	21,027,195	21,103,605
12/31/2004	17,139,421	19,168,413	24,645,367	25,455,365	23,130,650	22,271,462	22,023,236	21,918,889	21,850,764	21,887,240	21,917,239
12/31/2005	15,043,882	19,374,370	21,247,142	19,832,727	19,156,473	18,732,595	18,611,788	18,749,325	18,581,275	18,609,082	18,614,082
12/31/2006	14,937,692	20,226,893	24,699,390	25,424,460	23,771,398	23,879,829	23,607,024	23,519,581	23,589,847	23,677,657	23,677,660
12/31/2007	16,271,980	20,518,057	23,471,753	23,464,723	23,165,037	22,738,688	22,621,352	22,807,016	22,731,425	22,623,492	22,462,399
12/31/2008	16,983,974	21,612,323	22,534,942	22,566,222	23,094,290	22,350,340	22,615,440	22,551,858	22,385,170	22,351,289	22,301,785
12/31/2009	13,959,128	16,296,856	19,106,974	20,022,333	19,902,738	20,043,921	20,041,976	20,001,237	19,994,362	20,021,581	20,084,330
12/31/2010	11,878,339	14,218,115	17,032,606	17,093,127	16,810,983	16,427,294	16,217,370	15,994,012	15,938,140	15,958,657	15,958,657
12/31/2011	11,487,041	15,247,990	17,372,353	18,473,521	18,401,210	18,470,760	18,673,171	18,618,244	18,607,231	18,406,897	
12/31/2012	10,115,404	14,083,609	14,922,339	15,437,665	15,091,617	15,196,327	15,667,444	15,417,731	15,256,683		
12/31/2013	14,058,456	16,957,439	19,555,386	21,028,233	20,866,271	21,208,964	21,518,548	21,410,305			
12/31/2014	12,943,723	18,044,331	21,337,403	23,189,825	23,538,902	23,539,311	23,747,377				
12/31/2015	16,229,095	23,600,595	28,258,194	30,187,954	31,339,073	30,994,767					
12/31/2016	14,264,442	21,717,202	26,090,893	27,581,250	27,181,535						
12/31/2017	16,953,846	26,129,256	31,634,062	32,833,043							
12/31/2018	19,249,806	27,884,723	32,690,148								
12/31/2019	21,228,776	29,461,602									
12/31/2020	14,448,456										

A.Y.E.	147 Months	159 Months	171 Months	183 Months	195 Months	207 Months	219 Months	231 Months	243 Months
12/31/2001	18,514,093	18,513,093	18,554,481	18,572,204	18,573,803	18,674,618	18,674,903	18,675,903	18,675,903
12/31/2002	19,409,328	19,385,129	19,585,129	19,535,130	19,635,129	19,635,129	19,634,293	19,633,457	
12/31/2003	21,118,737	21,134,544	21,184,544	21,184,544	21,200,544	21,181,794	21,181,794		
12/31/2004	21,917,239	21,917,239	21,917,239	21,917,239	21,921,739	21,921,739			
12/31/2005	18,614,082	18,609,082	18,609,082	18,661,613	18,662,199				
12/31/2006	23,527,790	23,527,790	23,529,147	23,579,147					
12/31/2007	22,472,899	22,477,999	22,475,161						
12/31/2008	22,300,903	22,297,026							
12/31/2009	20,109,328								

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.	27:15	39:27	51:39	63:51	75:63	87:75	99:87	111:99	123:111	135:123	147:135
12/31/2001	1.380	1.187	0.923	0.993	1.020	1.004	1.016	0.994	1.010	0.999	1.005
12/31/2002	1.318	1.000	1.064	1.077	0.969	0.991	1.004	0.985	1.000	1.003	1.000
12/31/2003	1.458	0.916	1.151	1.033	0.960	0.974	0.992	0.998	0.999	1.004	1.001
12/31/2004	1.118	1.286	1.033	0.909	0.963	0.989	0.995	0.997	1.002	1.001	1.000
12/31/2005	1.288	1.097	0.933	0.966	0.978	0.994	1.007	0.991	1.001	1.000	1.000
12/31/2006	1.354	1.221	1.029	0.935	1.005	0.989	0.996	1.003	1.004	1.000	0.994
12/31/2007	1.261	1.144	1.000	0.987	0.982	0.995	1.008	0.997	0.995	0.993	1.000
12/31/2008	1.273	1.043	1.001	1.023	0.968	1.012	0.997	0.993	0.998	0.998	1.000
12/31/2009	1.167	1.172	1.048	0.994	1.007	1.000	0.998	1.000	1.001	1.003	1.001
12/31/2010	1.197	1.198	1.004	0.983	0.977	0.987	0.986	0.997	1.001	1.000	
12/31/2011	1.327	1.139	1.063	0.996	1.004	1.011	0.997	0.999	0.989		
12/31/2012	1.392	1.060	1.035	0.978	1.007	1.031	0.984	0.990			
12/31/2013	1.206	1.153	1.075	0.992	1.016	1.015	0.995				
12/31/2014	1.394	1.182	1.087	1.015	1.000	1.009					
12/31/2015	1.454	1.197	1.068	1.038	0.989						
12/31/2016	1.522	1.201	1.057	0.986							
12/31/2017	1.541	1.211	1.038								
12/31/2018	1.449	1.172									
12/31/2019	1.388										
3 Yr Mean	1.459	1.195	1.054	1.013	1.002	1.018	0.992	0.995	0.997	1.000	1.000
Best 3/5	1.475	1.193	1.067	0.998	1.004	1.012	0.993	0.996	0.998	0.999	1.000

A.Y.E.	159:147	171:159	183:171	195:183	207:195	219:207	231:219	243:231
12/31/2001	1.000	1.002	1.001	1.000	1.005	1.000	1.000	1.000
12/31/2002	0.999	1.010	0.997	1.005	1.000	1.000	1.000	**1.000**
12/31/2003	1.001	1.002	1.000	1.001	0.999	1.000	**1.000**	**1.000**
12/31/2004	1.000	1.000	1.000	1.000	1.000	**1.000**	**1.000**	**1.000**
12/31/2005	1.000	1.000	1.003	1.000	**1.000**	**1.000**	**1.000**	**1.000**
12/31/2006	1.000	1.000	1.002					
12/31/2007	1.000	1.000						
12/31/2008	1.000							
3 Yr Mean	1.000	1.000	1.002	1.000	*1.000*	*1.000*	*1.000*	*1.000*
Best 3/5	1.000	1.000	1.001	1.000	**1.000**	**1.000**	**1.000**	**1.000**

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
12/31/2016					1.004	1.012	0.993	0.996	0.998	0.999	1.000
12/31/2017				0.998	1.004	1.012	0.993	0.996	0.998	0.999	1.000
12/31/2018			1.067	0.998	1.004	1.012	0.993	0.996	0.998	0.999	1.000
12/31/2019		1.193	1.067	0.998	1.004	1.012	0.993	0.996	0.998	0.999	1.000
12/31/2020	1.475	1.193	1.067	0.998	1.004	1.012	0.993	0.996	0.998	0.999	1.000

A.Y.E	147/159	159/171	171/183	183/195	195/207	207/219	219/231	231/243	243/Ult		FACTORS
12/31/2016	1.000	1.000	1.001	1.000	1.000	1.000	1.000	1.000	**1.000**		1.003
12/31/2017	1.000	1.000	1.001	1.000	1.000	1.000	1.000	1.000	**1.000**		1.001
12/31/2018	1.000	1.000	1.001	1.000	1.000	1.000	1.000	1.000	**1.000**		1.068
12/31/2019	1.000	1.000	1.001	1.000	1.000	1.000	1.000	1.000	**1.000**		1.274
12/31/2020	1.000	1.000	1.001	1.000	1.000	1.000	1.000	1.000	**1.000**		1.879

Bold - Calculated Using Modified Bondy Method
Italics - Three year mean Excludes Modified Bondy ratios

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

A.Y.E.	15 Months	27 Months	39 Months	51 Months	63 Months	75 Months	87 Months	99 Months	111 Months	123 Months	135 Months
12/31/2001	30,628,024	53,432,836	78,828,120	99,903,330	111,755,961	120,033,773	124,306,305	126,549,491	128,936,216	130,735,201	131,559,775
12/31/2002	29,800,216	55,334,178	86,592,538	110,872,510	125,120,823	129,942,109	133,024,142	134,641,810	134,066,636	135,298,294	135,518,562
12/31/2003	30,781,549	61,234,976	95,577,869	118,012,181	131,748,081	136,661,200	138,419,773	140,711,638	142,023,006	142,789,314	143,626,874
12/31/2004	31,165,271	64,228,077	97,469,271	124,550,548	136,293,266	140,603,188	143,069,581	144,404,133	146,128,325	146,541,628	147,427,170
12/31/2005	27,014,869	59,469,716	96,903,098	121,496,014	131,551,344	136,644,803	139,263,335	140,713,073	142,145,140	143,064,770	143,642,486
12/31/2006	25,910,062	59,109,824	98,437,747	119,960,335	134,871,474	139,555,651	141,731,542	141,212,872	142,526,049	145,510,282	145,987,740
12/31/2007	27,089,902	63,466,511	108,966,281	138,885,591	153,405,907	157,821,927	159,828,697	161,530,520	163,442,063	163,323,459	163,274,692
12/31/2008	23,671,708	66,016,908	109,611,697	141,682,466	159,329,335	164,574,876	167,992,637	169,796,704	170,717,969	171,136,259	171,648,418
12/31/2009	33,949,356	74,477,059	123,424,681	156,455,593	171,093,403	178,803,350	183,328,128	186,605,897	187,210,589	191,296,754	195,660,087
12/31/2010	38,830,148	85,514,782	140,931,842	172,993,056	191,107,533	198,682,113	201,963,286	204,438,541	205,365,000	206,102,625	208,012,140
12/31/2011	41,485,591	91,231,310	150,079,955	186,854,383	203,240,758	210,285,705	214,851,113	215,357,211	216,025,179	216,579,886	
12/31/2012	36,372,765	82,042,689	134,553,726	171,113,370	190,368,956	196,622,928	200,209,453	202,766,225	203,933,843		
12/31/2013	43,233,959	95,663,506	151,088,846	200,934,001	222,605,004	227,409,139	233,054,450	235,152,754			
12/31/2014	45,350,890	101,393,329	165,497,675	212,020,005	236,808,546	244,649,465	247,773,938				
12/31/2015	46,389,972	102,719,695	172,713,491	217,590,708	238,280,714	245,099,186					
12/31/2016	40,892,519	94,831,369	163,061,362	207,414,426	227,860,418						
12/31/2017	42,945,966	100,429,637	168,388,525	215,026,217							
12/31/2018	47,255,898	102,877,781	170,064,216								
12/31/2019	38,341,425	88,845,074									
12/31/2020	25,497,255										

A.Y.E.	147 Months	159 Months	171 Months	183 Months	195 Months	207 Months	219 Months	231 Months	243 Months
12/31/2001	131,606,698	132,585,816	135,041,916	136,024,735	135,913,780	136,215,816	136,824,059	136,779,051	136,754,030
12/31/2002	135,630,554	136,265,869	136,557,469	136,752,229	137,023,999	137,444,390	137,551,954	137,676,974	
12/31/2003	144,568,919	145,230,190	145,100,293	145,046,444	145,164,209	145,213,531	145,556,062		
12/31/2004	148,170,747	149,037,089	150,077,373	152,954,748	154,501,252	154,555,495			
12/31/2005	145,001,275	143,661,695	143,777,069	143,756,741	143,782,589				
12/31/2006	146,143,296	146,618,744	146,753,788	147,186,539					
12/31/2007	163,251,884	163,413,211	163,953,888						
12/31/2008	172,031,406	172,415,241							
12/31/2009	196,231,231								

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.	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
12/31/2001	22,804,812	25,395,284	21,075,210	11,852,631	8,277,812	4,272,532	2,243,186	2,386,725	1,798,985	824,574	46,923	979,118	2,456,100
12/31/2002	25,533,962	31,258,360	24,279,972	14,248,313	4,821,286	3,082,033	1,617,668	-575,174	1,231,658	220,268	111,992	635,315	291,600
12/31/2003	30,453,427	34,342,893	22,434,312	13,735,900	4,913,119	1,758,573	2,291,865	1,311,368	766,308	837,560	942,045	661,271	-129,897
12/31/2004	33,062,806	33,241,194	27,081,277	11,742,718	4,309,922	2,466,393	1,334,552	1,724,192	413,303	885,542	743,577	866,342	1,040,284
12/31/2005	32,454,847	37,433,382	24,592,916	10,055,330	5,093,459	2,618,532	1,449,738	1,432,067	919,630	577,716	1,358,789	-1,339,580	115,374
12/31/2006	33,199,762	39,327,923	21,522,588	14,911,139	4,684,177	2,175,891	-518,670	1,313,177	2,984,233	477,458	155,556	475,448	135,044
12/31/2007	36,376,609	45,499,770	29,919,310	14,520,316	4,416,020	2,006,770	1,701,823	1,911,543	-118,604	-48,767	-22,808	161,327	540,677
12/31/2008	42,345,200	43,594,789	32,070,769	17,646,869	5,245,541	3,417,761	1,804,067	921,265	418,290	512,159	382,988	383,835	
12/31/2009	40,527,703	48,947,622	33,030,912	14,637,810	7,709,947	4,524,778	3,277,769	604,692	4,086,165	4,363,333	571,144		
12/31/2010	46,684,634	55,417,060	32,061,214	18,114,477	7,574,580	3,281,173	2,475,255	926,459	737,625	1,909,515			
12/31/2011	49,745,719	58,848,645	36,774,428	16,386,375	7,044,947	4,565,408	506,098	667,968	554,707				
12/31/2012	45,669,924	52,511,037	36,559,644	19,255,586	6,253,972	3,586,525	2,556,772	1,167,618					
12/31/2013	52,429,547	55,425,340	49,845,155	21,671,003	4,804,135	5,645,311	2,098,304						
12/31/2014	56,042,439	64,104,346	46,522,330	24,788,541	7,840,919	3,124,473							
12/31/2015	56,329,723	69,993,796	44,877,217	20,690,006	6,818,472								
12/31/2016	53,938,850	68,229,993	44,353,064	20,445,992									
12/31/2017	57,483,671	67,958,888	46,637,692										
12/31/2018	55,621,883	67,186,435											
12/31/2019	50,503,649												

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
12/31/2001	0.0536	0.0597	0.0495	0.0279	0.0195	0.0100	0.0053	0.0056	0.0042	0.0019	0.0001	0.0023	0.0058
12/31/2002	0.0581	0.0711	0.0552	0.0324	0.0110	0.0070	0.0037	-0.0013	0.0028	0.0005	0.0003	0.0014	0.0007
12/31/2003	0.0681	0.0768	0.0502	0.0307	0.0110	0.0039	0.0051	0.0029	0.0017	0.0019	0.0021	0.0015	-0.0003
12/31/2004	0.0689	0.0693	0.0565	0.0245	0.0090	0.0051	0.0028	0.0036	0.0009	0.0018	0.0016	0.0018	0.0022
12/31/2005	0.0674	0.0777	0.0510	0.0209	0.0106	0.0054	0.0030	0.0030	0.0019	0.0012	0.0028	-0.0028	0.0002
12/31/2006	0.0718	0.0850	0.0465	0.0322	0.0101	0.0047	-0.0011	0.0028	0.0065	0.0010	0.0003	0.0010	0.0003
12/31/2007	0.0657	0.0821	0.0540	0.0262	0.0080	0.0036	0.0031	0.0035	-0.0002	-0.0001	0.0000	0.0003	0.0010
12/31/2008	0.0806	0.0830	0.0610	0.0336	0.0100	0.0065	0.0034	0.0018	0.0008	0.0010	0.0007	0.0007	
12/31/2009	0.0692	0.0836	0.0564	0.0250	0.0132	0.0077	0.0056	0.0010	0.0070	0.0075	0.0010		
12/31/2010	0.0727	0.0863	0.0499	0.0282	0.0118	0.0051	0.0039	0.0014	0.0011	0.0030			
12/31/2011	0.0739	0.0874	0.0546	0.0244	0.0105	0.0068	0.0008	0.0010	0.0008				
12/31/2012	0.0750	0.0863	0.0601	0.0316	0.0103	0.0059	0.0042	0.0019					
12/31/2013	0.0750	0.0793	0.0713	0.0310	0.0069	0.0081	0.0030						
12/31/2014	0.0717	0.0820	0.0595	0.0317	0.0100	0.0040							
12/31/2015	0.0683	0.0848	0.0544	0.0251	0.0083								
12/31/2016	0.0641	0.0811	0.0527	0.0243									
12/31/2017	0.0625	0.0739	0.0507										
12/31/2018	0.0572	0.0691											
12/31/2019	0.0548												
Best 3/5	0.0613	0.0790	0.0555	0.0292	0.0095	0.0059	0.0037	0.0014	0.0009	0.0017	0.0007	0.0007	0.0005

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 :

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
12/31/2001	28,792,465	33,270,807	35,981,290	36,875,653	37,180,265	37,977,411	38,064,037	38,804,880	39,132,058	39,471,227	39,678,542
12/31/2002	27,470,087	30,643,922	32,922,690	34,889,009	35,510,423	35,983,451	36,174,014	36,333,959	36,320,027	36,448,722	36,760,612
12/31/2003	28,315,463	31,061,447	33,288,982	35,154,594	37,228,381	37,124,626	37,254,091	36,943,152	37,109,516	37,076,111	37,175,583
12/31/2004	27,410,341	31,631,842	33,790,183	34,484,696	35,469,999	35,205,861	35,134,990	35,141,765	35,728,316	36,259,160	36,313,890
12/31/2005	24,935,995	29,384,478	30,830,443	31,206,464	31,320,894	31,439,821	31,468,885	31,749,054	31,973,083	32,234,068	31,715,072
12/31/2006	26,229,875	27,073,840	28,829,320	29,873,259	30,269,814	30,685,353	31,114,777	31,356,600	31,725,932	31,690,709	31,966,358
12/31/2007	27,903,908	31,448,592	32,640,196	34,294,580	33,631,538	33,501,733	34,587,758	35,304,591	35,411,292	35,467,048	35,385,331
12/31/2008	31,743,888	34,297,631	35,559,054	35,784,027	36,349,518	37,084,572	36,928,677	36,232,077	36,694,007	36,703,708	36,738,157
12/31/2009	32,772,635	36,857,546	39,234,048	39,513,982	39,928,620	40,239,843	40,191,218	40,416,243	40,636,850	40,919,073	41,073,772
12/31/2010	37,002,694	40,961,856	41,554,073	42,789,640	42,442,659	42,413,585	42,802,068	43,279,332	43,075,154	43,098,063	43,310,728
12/31/2011	44,215,201	47,165,365	48,077,521	48,349,355	48,836,354	48,821,708	49,341,055	49,823,415	49,995,575	50,162,344	
12/31/2012	38,200,053	40,291,792	41,811,517	41,820,319	42,210,531	42,372,390	42,808,940	43,164,816	43,230,398		
12/31/2013	40,648,525	45,406,262	45,337,567	46,600,333	47,595,895	48,834,850	48,922,272	49,206,818			
12/31/2014	45,263,364	45,123,304	47,570,993	49,618,203	50,299,838	50,947,656	50,870,567				
12/31/2015	39,846,712	43,471,466	50,262,094	52,748,355	53,350,281	53,328,893					
12/31/2016	34,054,929	41,409,672	43,594,383	46,319,080	46,146,093						
12/31/2017	37,603,852	46,123,520	51,298,450	52,743,322							
12/31/2018	41,323,787	50,527,274	52,754,513								
12/31/2019	42,914,041	48,416,601									
12/31/2020	32,933,174										

A.Y.E	147 Months	159 Months	171 Months	183 Months	195 Months	207 Months	219 Months	231 Months	243 Months
12/31/2001	39,918,291	40,206,592	39,942,495	39,986,783	40,006,253	40,174,991	40,212,547	40,220,427	40,277,149
12/31/2002	36,960,619	36,999,457	37,179,530	37,294,270	37,421,188	37,507,054	37,453,987	37,515,305	
12/31/2003	37,336,657	37,352,912	37,337,814	37,400,130	37,513,231	37,570,852	37,663,070		
12/31/2004	36,323,658	36,323,244	36,450,426	36,463,360	36,492,869	36,514,316			
12/31/2005	31,867,061	31,803,585	31,722,107	31,780,806	31,847,213				
12/31/2006	32,004,649	31,989,944	32,039,560	32,152,864					
12/31/2007	35,240,793	35,198,067	35,231,010						
12/31/2008	37,012,717	37,150,923							
12/31/2009	41,654,613								

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.	27:15	39:27	51:39	63:51	75:63	87:75	99:87	111:99	123:111	135:123	147:135
12/31/2001	1.156	1.081	1.025	1.008	1.021	1.002	1.019	1.008	1.009	1.005	1.006
12/31/2002	1.116	1.074	1.060	1.018	1.013	1.005	1.004	1.000	1.004	1.009	1.005
12/31/2003	1.097	1.072	1.056	1.059	0.997	1.003	0.992	1.005	0.999	1.003	1.004
12/31/2004	1.154	1.068	1.021	1.029	0.993	0.998	1.000	1.017	1.015	1.002	1.000
12/31/2005	1.178	1.049	1.012	1.004	1.004	1.001	1.009	1.007	1.008	0.984	1.005
12/31/2006	1.032	1.065	1.036	1.013	1.014	1.014	1.008	1.012	0.999	1.009	1.001
12/31/2007	1.127	1.038	1.051	0.981	0.996	1.032	1.021	1.003	1.002	0.998	0.996
12/31/2008	1.080	1.037	1.006	1.016	1.020	0.996	0.981	1.013	1.000	1.001	1.007
12/31/2009	1.125	1.064	1.007	1.010	1.008	0.999	1.006	1.005	1.007	1.004	1.014
12/31/2010	1.107	1.014	1.030	0.992	0.999	1.009	1.011	0.995	1.001	1.005	
12/31/2011	1.067	1.019	1.006	1.010	1.000	1.011	1.010	1.003	1.003		
12/31/2012	1.055	1.038	1.000	1.009	1.004	1.010	1.008	1.002			
12/31/2013	1.117	0.998	1.028	1.021	1.026	1.002	1.006				
12/31/2014	0.997	1.054	1.043	1.014	1.013	0.998					
12/31/2015	1.091	1.156	1.049	1.011	1.000						
12/31/2016	1.216	1.053	1.063	0.996							
12/31/2017	1.227	1.112	1.028								
12/31/2018	1.223	1.044									
12/31/2019	1.128										
3 Yr Mean	1.193	1.070	1.047	1.007	1.013	1.003	1.008	1.000	1.004	1.003	1.006
Best 3/5	1.189	1.073	1.040	1.011	1.006	1.007	1.008	1.003	1.002	1.003	1.004

A.Y.E.	159:147	171:159	183:171	195:183	207:195	219:207	231:219	243:231
12/31/2001	1.007	0.993	1.001	1.000	1.004	1.001	1.000	1.001
12/31/2002	1.001	1.005	1.003	1.003	1.002	0.999	1.002	**1.001**
12/31/2003	1.000	1.000	1.002	1.003	1.002	1.002	**1.001**	**1.001**
12/31/2004	1.000	1.004	1.000	1.001	1.001	**1.002**	**1.001**	**1.001**
12/31/2005	0.998	0.997	1.002	1.002	**1.002**	**1.002**	**1.001**	**1.001**
12/31/2006	1.000	1.002	1.004					
12/31/2007	0.999	1.001						
12/31/2008	1.004							
3 Yr Mean	1.001	1.000	1.002	1.002	*1.002*	*1.001*	*1.001*	*1.001*
Best 3/5	1.000	1.001	1.002	1.002	**1.002**	**1.002**	**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
12/31/2016					1.006	1.007	1.008	1.003	1.002	1.003	1.004
12/31/2017				1.011	1.006	1.007	1.008	1.003	1.002	1.003	1.004
12/31/2018			1.040	1.011	1.006	1.007	1.008	1.003	1.002	1.003	1.004
12/31/2019		1.073	1.040	1.011	1.006	1.007	1.008	1.003	1.002	1.003	1.004
12/31/2020	1.189	1.073	1.040	1.011	1.006	1.007	1.008	1.003	1.002	1.003	1.004

A.Y.E	147/159	159/171	171/183	183/195	195/207	207/219	219/231	231/243	243/Ult		FACTORS
12/31/2016	1.000	1.001	1.002	1.002	1.002	1.002	1.001	1.001	**1.004**		1.049
12/31/2017	1.000	1.001	1.002	1.002	1.002	1.002	1.001	1.001	**1.004**		1.061
12/31/2018	1.000	1.001	1.002	1.002	1.002	1.002	1.001	1.001	**1.004**		1.103
12/31/2019	1.000	1.001	1.002	1.002	1.002	1.002	1.001	1.001	**1.004**		1.184
12/31/2020	1.000	1.001	1.002	1.002	1.002	1.002	1.001	1.001	**1.004**		1.407

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 :

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
12/31/2001	2,163,528	2,212,658	2,511,477	2,550,857	2,566,555	2,583,144	2,525,077	2,522,675	2,777,633	2,787,579	2,961,944
12/31/2002	1,463,881	1,816,281	2,064,853	1,870,173	1,925,928	1,874,369	1,769,781	1,762,063	1,766,561	1,773,061	1,772,061
12/31/2003	1,735,560	2,060,476	2,040,874	2,510,532	2,472,915	2,463,318	2,546,325	2,563,492	2,533,992	2,484,492	2,448,492
12/31/2004	1,606,744	2,111,799	2,177,196	2,895,283	2,757,673	2,857,559	2,796,058	2,805,128	2,798,178	2,900,240	2,898,839
12/31/2005	1,681,017	1,923,874	2,405,482	2,305,035	2,272,403	2,278,029	2,322,478	2,513,977	2,337,056	2,349,201	2,349,078
12/31/2006	1,664,169	1,717,692	2,006,398	2,118,282	2,396,978	2,164,514	2,267,895	2,549,917	2,360,784	2,460,783	2,396,122
12/31/2007	1,536,484	1,935,493	1,911,776	2,011,187	2,038,566	2,054,478	1,965,903	1,962,978	1,962,978	1,962,978	1,962,979
12/31/2008	1,658,559	1,705,341	1,735,659	2,007,568	1,992,369	1,932,431	2,000,921	2,003,920	1,970,921	1,970,922	2,007,231
12/31/2009	1,869,199	1,785,091	1,763,956	1,826,946	1,809,337	1,820,478	1,812,600	1,865,178	1,865,178	1,871,178	1,863,647
12/31/2010	1,571,260	1,720,435	1,730,562	1,723,443	1,718,944	1,768,444	1,793,450	1,767,454	1,672,653	1,672,454	1,672,454
12/31/2011	1,384,850	1,623,141	1,852,366	1,941,249	2,211,915	2,283,926	2,397,125	2,271,125	2,259,610	2,146,991	
12/31/2012	986,147	1,486,562	1,613,314	1,873,126	1,935,231	1,935,765	2,138,254	2,170,837	2,184,780		
12/31/2013	1,953,147	2,138,783	1,913,014	1,957,794	1,904,443	1,949,443	1,949,443	2,054,441			
12/31/2014	1,735,596	1,544,520	1,735,375	1,837,535	1,807,671	1,807,666	1,902,666				
12/31/2015	2,438,320	2,625,662	2,718,253	2,703,391	2,858,966	3,094,831					
12/31/2016	1,731,475	2,084,349	2,345,136	2,714,934	2,755,010						
12/31/2017	2,434,404	3,098,157	3,727,033	3,654,528							
12/31/2018	2,867,360	3,658,797	3,821,872								
12/31/2019	2,796,327	2,764,233									
12/31/2020	3,124,289										

A.Y.E.	147 Months	159 Months	171 Months	183 Months	195 Months	207 Months	219 Months	231 Months	243 Months
12/31/2001	2,860,570	2,882,848	2,757,847	2,757,847	2,772,310	2,872,311	2,877,310	2,877,310	2,877,310
12/31/2002	1,772,061	1,772,061	1,772,061	1,772,061	1,872,061	1,877,061	1,877,061	1,877,061	
12/31/2003	2,448,492	2,548,492	2,548,492	2,848,492	2,855,101	2,855,101	2,855,101		
12/31/2004	2,998,340	3,000,215	3,000,115	3,000,215	3,000,115	3,000,115			
12/31/2005	2,347,972	2,347,162	2,351,584	2,351,728	2,351,422				
12/31/2006	2,491,583	2,571,954	2,581,826	2,571,826					
12/31/2007	1,962,978	1,969,360	1,964,360						
12/31/2008	1,987,876	1,987,876							
12/31/2009	1,863,647								

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

Link Ratios

A.Y.E.	27:15	39:27	51:39	63:51	75:63	87:75	99:87	111:99	123:111	135:123	147:135
12/31/2001	1.023	1.135	1.016	1.006	1.006	0.978	0.999	1.101	1.004	1.063	0.966
12/31/2002	1.241	1.137	0.906	1.030	0.973	0.944	0.996	1.003	1.004	0.999	1.000
12/31/2003	1.187	0.990	1.230	0.985	0.996	1.034	1.007	0.988	0.980	0.986	1.000
12/31/2004	1.314	1.031	1.330	0.952	1.036	0.978	1.003	0.998	1.036	1.000	1.034
12/31/2005	1.144	1.250	0.958	0.986	1.002	1.020	1.082	0.930	1.005	1.000	1.000
12/31/2006	1.032	1.168	1.056	1.132	0.903	1.048	1.124	0.926	1.042	0.974	1.040
12/31/2007	1.260	0.988	1.052	1.014	1.008	0.957	0.999	1.000	1.000	1.000	1.000
12/31/2008	1.028	1.018	1.157	0.992	0.970	1.035	1.001	0.984	1.000	1.018	0.990
12/31/2009	0.955	0.988	1.036	0.990	1.006	0.996	1.029	1.000	1.003	0.996	1.000
12/31/2010	1.095	1.006	0.996	0.997	1.029	1.014	0.986	0.946	1.000	1.000	
12/31/2011	1.172	1.141	1.048	1.139	1.033	1.050	0.947	0.995	0.950		
12/31/2012	1.507	1.085	1.161	1.033	1.000	1.105	1.015	1.006			
12/31/2013	1.095	0.894	1.023	0.973	1.024	1.000	1.054				
12/31/2014	0.890	1.124	1.059	0.984	1.000	1.053					
12/31/2015	1.077	1.035	0.995	1.058	1.083						
12/31/2016	1.204	1.125	1.158	1.015							
12/31/2017	1.273	1.203	0.981								
12/31/2018	1.276	1.045									
12/31/2019	0.989										
3 Yr Mean	1.179	1.124	1.045	1.019	1.036	1.053	1.005	0.982	0.984	1.005	0.997
Best 3/5	1.185	1.098	1.026	1.011	1.019	1.039	1.010	0.993	1.000	0.999	1.000

A.Y.E.	159:147	171:159	183:171	195:183	207:195	219:207	231:219	243:231
12/31/2001	1.008	0.957	1.000	1.005	1.036	1.002	1.000	1.000
12/31/2002	1.000	1.000	1.000	1.056	1.003	1.000	1.000	**1.000**
12/31/2003	1.041	1.000	1.118	1.002	1.000	1.000	**1.000**	**1.000**
12/31/2004	1.001	1.000	1.000	1.000	1.000	**1.001**	**1.000**	**1.000**
12/31/2005	1.000	1.002	1.000	1.000	**1.002**	**1.001**	**1.000**	**1.000**
12/31/2006	1.032	1.004	0.996					
12/31/2007	1.003	0.997						
12/31/2008	1.000							
3 Yr Mean	1.012	1.001	0.999	1.001	*1.001*	*1.001*	*1.000*	*1.000*
Best 3/5	1.001	1.001	1.000	1.002	**1.002**	**1.001**	**1.000**	**1.000**

Development From

A.Y.E.	15/ 27	27/ 39	39/ 51	51/ 63	63/ 75	75/ 87	87/ 99	99/111	111/123	123/135	135/147
12/31/2016					1.019	1.039	1.010	0.993	1.000	0.999	1.000
12/31/2017				1.011	1.019	1.039	1.010	0.993	1.000	0.999	1.000
12/31/2018			1.026	1.011	1.019	1.039	1.010	0.993	1.000	0.999	1.000
12/31/2019		1.098	1.026	1.011	1.019	1.039	1.010	0.993	1.000	0.999	1.000
12/31/2020	1.185	1.098	1.026	1.011	1.019	1.039	1.010	0.993	1.000	0.999	1.000

A.Y.E	147/159	159/171	171/183	183/195	195/207	207/219	219/231	231/243	243/Ult		FACTORS
12/31/2016	1.001	1.001	1.000	1.002	1.002	1.001	1.000	1.000	**1.000**		1.068
12/31/2017	1.001	1.001	1.000	1.002	1.002	1.001	1.000	1.000	**1.000**		1.080
12/31/2018	1.001	1.001	1.000	1.002	1.002	1.001	1.000	1.000	**1.000**		1.108
12/31/2019	1.001	1.001	1.000	1.002	1.002	1.001	1.000	1.000	**1.000**		1.217
12/31/2020	1.001	1.001	1.000	1.002	1.002	1.001	1.000	1.000	**1.000**		1.442

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

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
12/31/2001	5,816,512	10,846,386	15,259,308	19,029,181	22,310,439	27,007,126	31,396,552	36,436,618	38,917,684	38,436,517	39,386,439
12/31/2002	2,940,769	5,832,741	9,370,696	14,536,236	20,863,852	24,279,328	26,067,186	26,872,884	27,574,013	27,901,616	28,023,219
12/31/2003	3,727,750	7,040,179	10,830,955	14,133,870	18,305,339	19,496,172	20,889,974	21,512,723	21,877,663	22,594,085	22,960,396
12/31/2004	4,399,976	8,024,750	12,058,361	14,863,507	18,888,023	21,754,636	22,757,559	23,808,886	24,239,411	24,779,282	25,700,523
12/31/2005	2,437,330	6,690,881	10,175,731	13,941,921	17,094,153	18,180,509	19,994,535	22,124,562	23,520,131	24,477,657	27,318,633
12/31/2006	3,096,271	6,583,080	11,073,798	14,424,289	17,403,090	18,712,806	19,873,013	19,967,006	21,441,764	21,271,639	21,741,111
12/31/2007	4,518,337	8,764,719	12,373,254	15,622,097	18,044,274	20,218,390	22,728,767	23,594,190	24,028,200	24,708,074	24,883,976
12/31/2008	4,071,310	9,203,753	13,327,753	18,444,985	22,848,756	25,209,948	26,441,254	27,729,177	29,941,045	30,291,712	30,715,205
12/31/2009	4,735,271	9,444,751	13,810,718	17,936,899	21,088,246	23,166,495	23,811,477	24,927,952	25,431,979	29,940,605	27,506,181
12/31/2010	4,973,412	9,880,833	14,533,001	19,254,151	21,983,438	24,454,606	27,284,980	28,130,764	28,626,798	29,280,831	29,522,638
12/31/2011	6,413,112	11,641,342	17,235,546	22,236,768	25,596,721	27,454,431	28,110,943	29,337,738	30,102,029	30,493,429	
12/31/2012	6,188,874	9,704,881	15,173,227	19,346,821	23,634,671	25,499,373	25,975,469	26,676,913	27,894,605		
12/31/2013	5,935,638	11,280,403	16,329,181	19,722,976	21,654,889	26,603,410	27,080,427	28,643,290			
12/31/2014	6,971,628	11,134,468	15,015,875	18,374,154	21,641,683	23,165,182	24,436,713				
12/31/2015	7,364,487	11,843,032	19,390,891	24,667,684	28,026,041	28,422,655					
12/31/2016	5,346,831	11,069,353	17,498,507	24,478,286	26,006,999						
12/31/2017	7,381,526	13,657,584	19,319,377	24,866,419							
12/31/2018	6,474,013	12,756,825	18,349,271								
12/31/2019	5,869,233	12,932,073									
12/31/2020	5,049,040										

A.Y.E.	147 Months	159 Months	171 Months	183 Months	195 Months	207 Months	219 Months	231 Months	243 Months
12/31/2001	40,394,434	40,712,996	40,686,691	40,874,416	40,986,193	41,014,527	41,042,024	41,078,244	41,115,045
12/31/2002	28,178,212	28,189,924	28,127,195	28,342,290	28,396,718	28,724,324	28,921,330	29,128,858	
12/31/2003	22,744,269	22,738,145	22,739,179	22,779,570	22,803,741	22,823,121	22,841,072		
12/31/2004	26,254,821	26,616,900	26,886,775	26,892,759	27,047,781	27,151,795			
12/31/2005	27,489,630	27,513,061	27,584,402	27,651,434	27,697,801				
12/31/2006	21,973,852	21,875,919	22,174,253	22,265,871					
12/31/2007	25,304,543	25,202,508	25,320,830						
12/31/2008	31,269,642	31,151,959							
12/31/2009	29,753,518								

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.	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
12/31/2001	5,029,874	4,412,922	3,769,873	3,281,258	4,696,687	4,389,426	5,040,066	2,481,066	-481,167	949,922	1,007,995	318,562	-26,305
12/31/2002	2,891,972	3,537,955	5,165,540	6,327,616	3,415,476	1,787,858	805,698	701,129	327,603	121,603	154,993	11,712	-62,729
12/31/2003	3,312,429	3,790,776	3,302,915	4,171,469	1,190,833	1,393,802	622,749	364,940	716,422	366,311	-216,127	-6,124	1,034
12/31/2004	3,624,774	4,033,611	2,805,146	4,024,516	2,866,613	1,002,923	1,051,327	430,525	539,871	921,241	554,298	362,079	269,875
12/31/2005	4,253,551	3,484,850	3,766,190	3,152,232	1,086,356	1,814,026	2,130,027	1,395,569	957,526	2,840,976	170,997	23,431	71,341
12/31/2006	3,486,809	4,490,718	3,350,491	2,978,801	1,309,716	1,160,207	93,993	1,474,758	-170,125	469,472	232,741	-97,933	298,334
12/31/2007	4,246,382	3,608,535	3,248,843	2,422,177	2,174,116	2,510,377	865,423	434,010	679,874	175,902	420,567	-102,035	118,322
12/31/2008	5,132,443	4,124,000	5,117,232	4,403,771	2,361,192	1,231,306	1,287,923	2,211,868	350,667	423,493	554,437	-117,683	
12/31/2009	4,709,480	4,365,967	4,126,181	3,151,347	2,078,249	644,982	1,116,475	504,027	4,508,626	-2,434,424	2,247,337		
12/31/2010	4,907,421	4,652,168	4,721,150	2,729,287	2,471,168	2,830,374	845,784	496,034	654,033	241,807			
12/31/2011	5,228,230	5,594,204	5,001,222	3,359,953	1,857,710	656,512	1,226,795	764,291	391,400				
12/31/2012	3,516,007	5,468,346	4,173,594	4,287,850	1,864,702	476,096	701,444	1,217,692					
12/31/2013	5,344,765	5,048,778	3,393,795	1,931,913	4,948,232	477,017	1,562,863						
12/31/2014	4,162,840	3,881,407	3,358,279	3,267,529	1,523,499	1,271,531							
12/31/2015	4,478,545	7,547,859	5,276,793	3,358,357	396,614								
12/31/2016	5,722,522	6,429,154	6,979,779	1,528,713									
12/31/2017	6,276,058	5,661,793	5,547,042										
12/31/2018	6,282,812	5,592,446											
12/31/2019	7,062,840												

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
12/31/2001	0.0915	0.0803	0.0686	0.0597	0.0855	0.0799	0.0917	0.0451	-0.0088	0.0173	0.0183	0.0058	-0.0005
12/31/2002	0.0536	0.0656	0.0958	0.1173	0.0633	0.0331	0.0149	0.0130	0.0061	0.0023	0.0029	0.0002	-0.0012
12/31/2003	0.0676	0.0773	0.0674	0.0851	0.0243	0.0284	0.0127	0.0074	0.0146	0.0075	-0.0044	-0.0001	0.0000
12/31/2004	0.0722	0.0804	0.0559	0.0802	0.0571	0.0200	0.0209	0.0086	0.0108	0.0184	0.0110	0.0072	0.0054
12/31/2005	0.1003	0.0822	0.0888	0.0743	0.0256	0.0428	0.0502	0.0329	0.0226	0.0670	0.0040	0.0006	0.0017
12/31/2006	0.0827	0.1065	0.0795	0.0706	0.0311	0.0275	0.0022	0.0350	-0.0040	0.0111	0.0055	-0.0023	0.0071
12/31/2007	0.0922	0.0784	0.0706	0.0526	0.0472	0.0545	0.0188	0.0094	0.0148	0.0038	0.0091	-0.0022	0.0026
12/31/2008	0.1032	0.0830	0.1029	0.0886	0.0475	0.0248	0.0259	0.0445	0.0071	0.0085	0.0112	-0.0024	
12/31/2009	0.0848	0.0786	0.0743	0.0567	0.0374	0.0116	0.0201	0.0091	0.0812	-0.0438	0.0405		
12/31/2010	0.0811	0.0769	0.0781	0.0451	0.0409	0.0468	0.0140	0.0082	0.0108	0.0040			
12/31/2011	0.0715	0.0765	0.0684	0.0459	0.0254	0.0090	0.0168	0.0104	0.0054				
12/31/2012	0.0597	0.0929	0.0709	0.0728	0.0317	0.0081	0.0119	0.0207					
12/31/2013	0.0771	0.0728	0.0489	0.0279	0.0714	0.0069	0.0225						
12/31/2014	0.0571	0.0533	0.0461	0.0448	0.0209	0.0174							
12/31/2015	0.0562	0.0947	0.0662	0.0421	0.0050								
12/31/2016	0.0837	0.0940	0.1021	0.0224									
12/31/2017	0.0787	0.0710	0.0695										
12/31/2018	0.0769	0.0684											
12/31/2019	0.0892												
Best 3/5	0.0798	0.0778	0.0615	0.0383	0.0260	0.0115	0.0170	0.0134	0.0109	0.0054	0.0086	-0.0013	0.0032

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 :

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
12/31/2001	13,104,111	25,788,659	27,892,713	30,093,779	31,530,024	30,824,095	30,899,887	30,982,851	30,909,692	30,637,785	30,509,991
12/31/2002	14,243,749	16,354,874	17,100,360	18,903,720	17,079,841	17,582,175	16,987,377	16,847,866	17,160,488	16,974,438	16,998,001
12/31/2003	9,435,123	12,160,643	14,416,920	12,980,202	13,320,343	12,885,412	12,526,502	12,533,202	12,512,126	12,472,078	12,521,709
12/31/2004	15,684,553	17,733,391	18,735,112	18,312,024	17,671,602	17,762,759	18,045,220	17,905,441	17,883,501	18,269,290	18,042,219
12/31/2005	17,571,665	22,035,027	23,149,857	22,868,163	22,355,890	21,820,385	21,888,944	22,120,654	21,858,085	22,037,695	21,844,286
12/31/2006	20,271,614	23,525,971	24,742,277	23,766,104	23,467,159	23,108,020	22,979,464	23,161,440	23,043,202	23,023,033	23,298,033
12/31/2007	18,600,284	21,710,823	21,573,452	21,864,532	21,086,031	20,883,275	20,976,283	21,153,903	21,085,595	21,058,948	20,959,296
12/31/2008	14,848,168	16,827,190	16,949,062	16,493,225	16,771,440	16,941,779	17,328,243	17,185,017	17,215,908	17,234,552	17,151,561
12/31/2009	12,949,795	14,897,666	15,895,359	16,969,672	17,602,625	17,535,419	17,568,597	17,338,213	17,431,580	17,439,710	17,359,710
12/31/2010	10,600,127	12,200,644	12,894,812	13,840,597	13,503,994	13,549,049	13,318,347	13,200,268	13,423,096	13,540,152	13,492,823
12/31/2011	10,804,744	11,509,129	12,723,858	12,796,228	13,371,748	13,212,560	13,093,573	13,164,097	13,284,714	13,343,456	
12/31/2012	7,987,462	10,581,510	10,894,970	10,942,266	10,985,498	10,526,612	10,609,629	10,794,626	10,620,114		
12/31/2013	8,618,193	10,277,551	11,880,703	12,408,478	12,594,187	12,582,245	12,661,279	12,936,768			
12/31/2014	9,117,627	11,319,369	13,798,606	14,744,267	15,104,560	15,480,121	15,359,547				
12/31/2015	9,519,702	13,121,225	16,605,264	18,135,112	18,918,429	18,976,496					
12/31/2016	10,842,433	13,885,671	16,008,351	15,930,005	16,022,674						
12/31/2017	10,294,522	13,617,408	15,158,580	15,727,753							
12/31/2018	9,307,295	11,175,076	13,116,660								
12/31/2019	6,602,048	9,874,322									
12/31/2020	8,081,619										

A.Y.E	147 Months	159 Months	171 Months	183 Months	195 Months	207 Months	219 Months	231 Months	243 Months
12/31/2001	30,422,625	30,722,125	30,714,600	30,767,038	30,776,834	30,904,334	30,899,935	31,000,934	31,023,984
12/31/2002	17,190,444	17,276,407	17,285,308	17,264,605	17,464,603	17,464,603	17,464,628	17,529,776	
12/31/2003	12,512,593	12,514,590	12,504,590	12,604,590	12,604,590	12,604,590	12,604,625		
12/31/2004	18,097,323	18,003,022	18,036,496	18,152,481	18,152,484	18,152,481			
12/31/2005	21,784,438	21,884,438	21,789,937	21,690,437	21,689,437				
12/31/2006	23,270,112	23,270,112	23,476,359	23,371,631					
12/31/2007	20,958,945	20,974,716	20,987,345						
12/31/2008	17,171,661	17,273,841							
12/31/2009	17,220,935								

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

Link Ratios

A.Y.E.	27:15	39:27	51:39	63:51	75:63	87:75	99:87	111:99	123:111	135:123	147:135
12/31/2001	1.968	1.082	1.079	1.048	0.978	1.002	1.003	0.998	0.991	0.996	0.997
12/31/2002	1.148	1.046	1.105	0.904	1.029	0.966	0.992	1.019	0.989	1.001	1.011
12/31/2003	1.289	1.186	0.900	1.026	0.967	0.972	1.001	0.998	0.997	1.004	0.999
12/31/2004	1.131	1.056	0.977	0.965	1.005	1.016	0.992	0.999	1.022	0.988	1.003
12/31/2005	1.254	1.051	0.988	0.978	0.976	1.003	1.011	0.988	1.008	0.991	0.997
12/31/2006	1.161	1.052	0.961	0.987	0.985	0.994	1.008	0.995	0.999	1.012	0.999
12/31/2007	1.167	0.994	1.013	0.964	0.990	1.004	1.008	0.997	0.999	0.995	1.000
12/31/2008	1.133	1.007	0.973	1.017	1.010	1.023	0.992	1.002	1.001	0.995	1.001
12/31/2009	1.150	1.067	1.068	1.037	0.996	1.002	0.987	1.005	1.000	0.995	0.992
12/31/2010	1.151	1.057	1.073	0.976	1.003	0.983	0.991	1.017	1.009	0.997	
12/31/2011	1.065	1.106	1.006	1.045	0.988	0.991	1.005	1.009	1.004		
12/31/2012	1.325	1.030	1.004	1.004	0.958	1.008	1.017	0.984			
12/31/2013	1.193	1.156	1.044	1.015	0.999	1.006	1.022				
12/31/2014	1.241	1.219	1.069	1.024	1.025	0.992					
12/31/2015	1.378	1.266	1.092	1.043	1.003						
12/31/2016	1.281	1.153	0.995	1.006							
12/31/2017	1.323	1.113	1.038								
12/31/2018	1.201	1.174									
12/31/2019	1.496										
3 Yr Mean	1.340	1.147	1.042	1.024	1.009	1.002	1.015	1.003	1.004	0.996	0.998
Best 3/5	1.327	1.182	1.050	1.015	0.997	0.996	1.004	1.005	1.002	0.996	0.999

A.Y.E.	159:147	171:159	183:171	195:183	207:195	219:207	231:219	243:231
12/31/2001	1.010	1.000	1.002	1.000	1.004	1.000	1.003	1.001
12/31/2002	1.005	1.001	0.999	1.006	1.006	1.000	1.004	**1.001**
12/31/2003	1.000	0.999	1.008	1.000	1.000	1.000	**1.000**	**1.001**
12/31/2004	0.995	1.002	1.006	1.000	1.000	**1.001**	**1.000**	**1.001**
12/31/2005	1.005	0.996	0.995	1.000	**1.000**	**1.001**	**1.000**	**1.001**
12/31/2006	1.000	1.009	0.996					
12/31/2007	1.001	1.001						
12/31/2008	1.006							
3 Yr Mean	1.002	1.002	0.999	1.000	*1.002*	*1.000*	*1.004*	*1.001*
Best 3/5	1.002	1.001	1.000	1.000	**1.001**	**1.000**	**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
12/31/2016					0.997	0.996	1.004	1.005	1.002	0.996	0.999
12/31/2017				1.015	0.997	0.996	1.004	1.005	1.002	0.996	0.999
12/31/2018			1.050	1.015	0.997	0.996	1.004	1.005	1.002	0.996	0.999
12/31/2019		1.182	1.050	1.015	0.997	0.996	1.004	1.005	1.002	0.996	0.999
12/31/2020	1.327	1.182	1.050	1.015	0.997	0.996	1.004	1.005	1.002	0.996	0.999

A.Y.E	147/159	159/171	171/183	183/195	195/207	207/219	219/231	231/243	243/Ult		FACTORS
12/31/2016	1.002	1.001	1.000	1.000	1.001	1.000	1.001	1.001	**1.004**		1.009
12/31/2017	1.002	1.001	1.000	1.000	1.001	1.000	1.001	1.001	**1.004**		1.024
12/31/2018	1.002	1.001	1.000	1.000	1.001	1.000	1.001	1.001	**1.004**		1.075
12/31/2019	1.002	1.001	1.000	1.000	1.001	1.000	1.001	1.001	**1.004**		1.271
12/31/2020	1.002	1.001	1.000	1.000	1.001	1.000	1.001	1.001	**1.004**		1.687

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

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
12/31/2001	4,136,582	13,998,616	20,512,550	24,344,074	30,098,075	31,817,279	33,110,699	34,503,311	34,771,634	34,753,538	34,920,580
12/31/2002	5,713,132	8,297,482	10,430,477	12,739,339	12,872,264	14,869,547	16,652,139	16,837,401	17,325,727	18,335,685	18,376,501
12/31/2003	4,143,417	8,721,631	13,651,952	16,571,880	20,478,324	21,020,867	28,311,998	30,210,679	31,366,771	31,875,502	31,961,338
12/31/2004	3,056,999	6,972,921	13,472,145	16,213,725	18,962,311	20,197,148	20,614,779	21,049,203	21,376,138	22,027,363	22,000,570
12/31/2005	2,479,015	7,455,634	12,376,168	16,224,285	18,043,401	18,833,359	21,245,891	21,524,412	25,131,317	28,303,183	28,770,090
12/31/2006	2,580,486	7,245,382	12,225,797	19,897,514	22,673,742	23,534,854	25,322,746	24,459,407	25,121,868	25,244,324	25,437,958
12/31/2007	3,122,565	8,029,506	14,271,294	18,154,549	19,705,759	19,371,550	19,877,083	20,237,249	20,144,761	20,065,600	20,141,664
12/31/2008	2,877,808	7,676,687	11,346,910	14,707,948	16,681,704	17,625,281	18,309,957	18,873,336	19,311,983	19,500,709	19,426,647
12/31/2009	3,824,406	8,228,494	17,603,818	24,637,211	29,267,463	32,766,265	34,493,593	36,225,384	36,512,731	36,689,631	32,346,053
12/31/2010	3,378,950	11,859,064	15,723,752	18,823,875	23,304,579	25,848,709	26,948,902	27,068,976	27,816,625	28,122,847	34,167,278
12/31/2011	6,391,016	16,661,375	22,171,434	33,439,252	35,776,715	39,855,565	40,586,314	41,645,536	42,548,382	43,218,324	
12/31/2012	3,027,087	7,064,615	12,060,801	16,617,273	23,899,050	24,088,759	29,672,769	30,192,704	26,889,544		
12/31/2013	3,920,975	11,033,487	16,202,859	20,416,658	24,573,725	26,135,779	30,263,184	32,960,565			
12/31/2014	5,008,211	9,265,876	14,775,858	19,081,293	21,943,254	26,063,409	26,950,253				
12/31/2015	3,841,537	10,969,702	17,283,457	23,377,139	27,762,040	28,582,619					
12/31/2016	5,465,527	10,355,778	13,426,865	15,700,569	16,930,394						
12/31/2017	5,945,204	13,940,904	20,445,344	25,241,888							
12/31/2018	3,264,307	11,453,004	15,689,934								
12/31/2019	1,769,926	4,947,653									
12/31/2020	3,014,444										

A.Y.E.	147 Months	159 Months	171 Months	183 Months	195 Months	207 Months	219 Months	231 Months	243 Months
12/31/2001	34,953,587	34,968,779	35,060,076	35,071,054	35,073,066	35,075,856	35,084,653	35,120,823	35,137,427
12/31/2002	18,415,766	19,215,338	21,336,154	21,311,807	21,416,877	21,962,388	21,957,864	22,730,265	
12/31/2003	31,973,834	31,955,979	31,595,304	31,595,548	31,595,548	31,595,548	31,598,869		
12/31/2004	22,415,147	22,223,280	22,265,836	22,403,719	22,496,584	22,623,857			
12/31/2005	28,818,122	30,424,956	30,895,113	29,802,854	29,823,578				
12/31/2006	25,588,923	25,766,250	25,972,179	25,713,280					
12/31/2007	20,143,497	20,195,756	21,813,020						
12/31/2008	19,431,414	23,659,879							
12/31/2009	32,328,884								

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.	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
12/31/2001	9,862,034	6,513,934	3,831,524	5,754,001	1,719,204	1,293,420	1,392,612	268,323	-18,096	167,042	33,007	15,192	91,297
12/31/2002	2,584,350	2,132,995	2,308,862	132,925	1,997,283	1,782,592	185,262	488,326	1,009,958	40,816	39,265	799,572	2,120,816
12/31/2003	4,578,214	4,930,321	2,919,928	3,906,444	542,543	7,291,131	1,898,681	1,156,092	508,731	85,836	12,496	-17,855	-360,675
12/31/2004	3,915,922	6,499,224	2,741,580	2,748,586	1,234,837	417,631	434,424	326,935	651,225	-26,793	414,577	-191,867	42,556
12/31/2005	4,976,619	4,920,534	3,848,117	1,819,116	789,958	2,412,532	278,521	3,606,905	3,171,866	466,907	48,032	1,606,834	470,157
12/31/2006	4,664,896	4,980,415	7,671,717	2,776,228	861,112	1,787,892	-863,339	662,461	122,456	193,634	150,965	177,327	205,929
12/31/2007	4,906,941	6,241,788	3,883,255	1,551,210	-334,209	505,533	360,166	-92,488	-79,161	76,064	1,833	52,259	1,617,264
12/31/2008	4,798,879	3,670,223	3,361,038	1,973,756	943,577	684,676	563,379	438,647	188,726	-74,062	4,767	4,228,465	
12/31/2009	4,404,088	9,375,324	7,033,393	4,630,252	3,498,802	1,727,328	1,731,791	287,347	176,900	-4,343,578	-17,169		
12/31/2010	8,480,114	3,864,688	3,100,123	4,480,704	2,544,130	1,100,193	120,074	747,649	306,222	6,044,431			
12/31/2011	10,270,359	5,510,059	11,267,818	2,337,463	4,078,850	730,749	1,059,222	902,846	669,942				
12/31/2012	4,037,528	4,996,186	4,556,472	7,281,777	189,709	5,584,010	519,935	-3,303,160					
12/31/2013	7,112,512	5,169,372	4,213,799	4,157,067	1,562,054	4,127,405	2,697,381						
12/31/2014	4,257,665	5,509,982	4,305,435	2,861,961	4,120,155	886,844							
12/31/2015	7,128,165	6,313,755	6,093,682	4,384,901	820,579								
12/31/2016	4,890,251	3,071,087	2,273,704	1,229,825									
12/31/2017	7,995,700	6,504,440	4,796,544										
12/31/2018	8,188,697	4,236,930											
12/31/2019	3,177,727												

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
12/31/2001	0.1955	0.1292	0.0760	0.1141	0.0341	0.0256	0.0276	0.0053	-0.0004	0.0033	0.0007	0.0003	0.0018
12/31/2002	0.0945	0.0780	0.0844	0.0049	0.0730	0.0652	0.0068	0.0178	0.0369	0.0015	0.0014	0.0292	0.0775
12/31/2003	0.2199	0.2368	0.1403	0.1876	0.0261	0.3502	0.0912	0.0555	0.0244	0.0041	0.0006	-0.0009	-0.0173
12/31/2004	0.1348	0.2238	0.0944	0.0946	0.0425	0.0144	0.0150	0.0113	0.0224	-0.0009	0.0143	-0.0066	0.0015
12/31/2005	0.1499	0.1482	0.1159	0.0548	0.0238	0.0727	0.0084	0.1086	0.0955	0.0141	0.0014	0.0484	0.0142
12/31/2006	0.1328	0.1418	0.2184	0.0790	0.0245	0.0509	-0.0246	0.0189	0.0035	0.0055	0.0043	0.0050	0.0059
12/31/2007	0.1653	0.2103	0.1308	0.0523	-0.0113	0.0170	0.0121	-0.0031	-0.0027	0.0026	0.0001	0.0018	0.0545
12/31/2008	0.1805	0.1380	0.1264	0.0742	0.0355	0.0257	0.0212	0.0165	0.0071	-0.0028	0.0002	0.1590	
12/31/2009	0.1458	0.3104	0.2329	0.1533	0.1158	0.0572	0.0573	0.0095	0.0059	-0.1438	-0.0006		
12/31/2010	0.3473	0.1583	0.1270	0.1835	0.1042	0.0451	0.0049	0.0306	0.0125	0.2476			
12/31/2011	0.4125	0.2213	0.4525	0.0939	0.1638	0.0293	0.0425	0.0363	0.0269				
12/31/2012	0.2379	0.2944	0.2685	0.4291	0.0112	0.3291	0.0306	-0.1946					
12/31/2013	0.3080	0.2239	0.1825	0.1800	0.0677	0.1788	0.1168						
12/31/2014	0.1620	0.2097	0.1638	0.1089	0.1568	0.0337							
12/31/2015	0.2169	0.1921	0.1854	0.1334	0.0250								
12/31/2016	0.1794	0.1126	0.0834	0.0451									
12/31/2017	0.2574	0.2094	0.1544										
12/31/2018	0.3391	0.1755											
12/31/2019	0.1379												
Best 3/5	0.2179	0.1923	0.1669	0.1408	0.0832	0.0859	0.0435	0.0189	0.0085	0.0018	0.0006	0.0184	0.0072

Multistate Review of ULAE Experience
General Liability Including CMP Liability
Loss Adjustment Expense Special Call
Calendar Years 2016 - 2020

Item *	2016	2017	2018	2019	2020	2016 - 2020 Mean
1. Direct Losses Incurred	$25,294,920	$22,482,130	$26,488,833	$28,457,912	$27,645,568	
2. Allocated Loss Adjustment Expenses Incurred (ALAE)	$4,918,135	$5,837,815	$5,788,203	$5,769,832	$6,283,679	
3. Unallocated Loss Adjustment Expenses Incurred (ULAE)	$2,517,590	$2,283,529	$2,272,533	$2,770,296	$2,176,729	
4. Incurred Losses + ALAE [(1) + (2)]	$30,213,055	$28,319,945	$32,277,036	$34,227,744	$33,929,247	

Incurred Percentage

	2016	2017	2018	2019	2020	2016 - 2020 Mean
5. Ratio of ULAE to (Losses + ALAE) [(3)/(4)]	8.3%	8.1%	7.0%	8.1%	6.4%	7.6%
6. Selected	8.0% **					

Notes: All dollar amounts are displayed in thousands.

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

** 8.0% was selected due to consideration of the impact of Covid-19 in the most recent year.

PREMISES / OPERATIONS
TREND SUMMARY
AVERAGE ANNUAL PERCENT CHANGES

(1)	EXPOSURE TREND	MANUFACTURERS	CONTRACTORS	OL&T CLASS GROUPS 1-13 *	OL&T CLASS GROUP 16	PREMISES/ OPERATIONS
	a) 7/1/2018 to 7/1/2023 AYE 12/31/2018	+ 2.0%	+ 2.9%	+ 1.7%	+ 2.6%	+ 1.4%
	b) 7/1/2019 to 7/1/2023 AYE 12/31/2019	+ 2.2%	+ 2.9%	+ 1.7%	+ 2.9%	+ 1.4%
	c) 7/1/2020 to 7/1/2023 AYE 12/31/2020	+ 3.1%	+ 3.0%	+ 1.7%	+ 3.3%	+ 1.6%

		MANUFACTURERS & CONTRACTORS			OWNERS, LANDLORDS & TENANTS		
(2)	OCCURRENCE SEVERITY	Bodily Injury	Property Damage	Fringe	Bodily Injury	Property Damage	Fringe
	a) Fitted						
	All Years (20 Points)	+ 3.8%	+ 5.0%	- 2.5%	+ 5.8%	+ 6.4%	- 2.1%
	Eight Year (16 Points)	+ 3.8%	+ 3.7%	- 6.6%	+ 6.6%	+ 7.8%	+ 2.3%
	Six Year (12 Points)	+ 3.5%	+ 3.6%	- 6.5%	+ 7.7%	+ 8.5%	+ 7.7%
	b) Selected	+ 4.0%	+ 4.0%	0.0%	+ 5.0%	+ 6.0%	0.0%

(3)	FREQUENCY TREND	M&C	OL&T
	Selected	- 0.5%	- 0.5%

(4)	TOTAL ANNUAL NET TREND	+ 0.5%	+ 4.0%

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

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

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

MANUFACTURERS AND CONTRACTORS
AVERAGE ANNUAL EXPOSURE TRENDS
FOR ACCIDENT YEARS ENDING 12/31/2018, 12/31/2019 & 12/31/2020

(1) YEAR ENDING QUARTER *		(2) MANUFACTURERS CLASS GROUP SALES EXPOSURE INDICES	(3) CONTRACTORS CLASS GROUP PAYROLL EXPOSURE INDICES	(1) YEAR ENDING QUARTER *		(2) MANUFACTURERS CLASS GROUP SALES EXPOSURE INDICES	(3) CONTRACTORS CLASS GROUP PAYROLL EXPOSURE INDICES
2010	1	0.964	22.806	2017	1	1.032	26.160
	2	0.962	22.928		2	1.034	26.326
	3	0.962	23.080		3	1.037	26.527
	4	0.965	23.208		4	1.040	26.716
2011	1	0.969	23.312	2018	1	1.042	26.955
	2	0.974	23.427		2	1.046	27.203
	3	0.979	23.556		3	1.050	27.440
	4	0.982	23.638		4	1.054	27.728
2012	1	0.987	23.715	2019	1	1.058	27.950
	2	0.990	23.794		2	1.061	28.185
	3	0.995	23.873		3	1.063	28.361
	4	1.000	23.965		4	1.065	28.515
2013	1	1.004	24.062	2020	1	1.066	28.703
	2	1.007	24.140		2	1.060	28.830
	3	1.008	24.167		3	1.059	29.003
	4	1.010	24.208		4	1.059	29.191
2014	1	1.012	24.299	2021	1	1.063	29.378
	2	1.016	24.405		2	1.079	29.713
	3	1.019	24.538		3P	1.094	30.086
	4	1.022	24.663		4P	1.108	30.424
2015	1	1.023	24.759	2022	1P	1.121	30.737
	2	1.026	24.909		2P	1.130	30.931
	3	1.027	25.013		3P	1.136	31.064
	4	1.029	25.172		4P	1.142	31.208
2016	1	1.030	25.313	2023	1P	1.148	31.375
	2	1.030	25.480		2P	1.153	31.556
	3	1.029	25.731		3P	1.158	31.742
	4	1.030	25.938		4P	1.162	31.933

CHANGE IN EXPOSURES

		MANUFACTURERS	CONTRACTORS
7/1/2018 to 7/1/2023	(2023:4/2018:4)	1.102	1.152
7/1/2019 to 7/1/2023	(2023:4/2019:4)	1.091	1.120
7/1/2020 to 7/1/2023	(2023:4/2020:4)	1.097	1.094

AVERAGE ANNUAL TREND FACTOR

7/1/2018 to 7/1/2023	(5.0 YEARS)	1.020	1.029
7/1/2019 to 7/1/2023	(4.0 YEARS)	1.022	1.029
7/1/2020 to 7/1/2023	(3.0 YEARS)	1.031	1.030

* 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]

TYPE OF CLASS	VOLUME [2]	INFLATION TREND [3]
FURNITURE	10.8%	+ 1.5%
OTHER DURABLES	6.1%	- 0.6%
CLOTHING	9.4%	- 0.6%
FOOD	41.8%	+ 2.7%
OTHER NON-DURABLES	29.0%	+ 1.4%
RECREATION SERVICES	3.0%	+ 2.8%
TOTAL	100.0%	+ 1.7% [4]

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

2 Volume weights are based on each type of class's inflation-adjusted contribution to GDP in year ending
  12/31/2020. Inflation adjusted GDP is measured in terms of 2012 prices.

3 Inflation trends are based on average annual growth rates in consumption components starting 2018 to 2023.

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
2010	1	1.051	0.984	0.957	0.936	0.962	0.949	2017	1	0.895	0.898	0.998	1.066	1.042	1.086
	2	1.039	0.983	0.956	0.937	0.966	0.953		2	0.888	0.894	0.997	1.068	1.046	1.092
	3	1.027	0.982	0.953	0.940	0.968	0.955		3	0.882	0.890	0.995	1.071	1.048	1.100
	4	1.015	0.982	0.949	0.943	0.970	0.957		4	0.875	0.887	0.992	1.075	1.050	1.108
2011	1	1.006	0.987	0.947	0.948	0.973	0.960	2018	1	0.868	0.885	0.991	1.078	1.052	1.114
	2	1.001	0.994	0.949	0.955	0.977	0.964		2	0.866	0.882	0.994	1.082	1.054	1.120
	3	1.000	1.002	0.955	0.965	0.981	0.968		3	0.864	0.879	0.993	1.086	1.055	1.126
	4	1.000	1.008	0.965	0.975	0.985	0.973		4	0.865	0.871	0.993	1.090	1.056	1.131
2012	1	1.001	1.011	0.976	0.984	0.990	0.980	2019	1	0.868	0.862	0.990	1.095	1.056	1.137
	2	1.001	1.009	0.988	0.991	0.993	0.986		2	0.869	0.857	0.984	1.100	1.056	1.142
	3	1.000	1.005	0.994	0.996	0.997	0.993		3	0.872	0.853	0.984	1.105	1.057	1.147
	4	1.000	1.000	1.000	1.000	1.000	1.000		4	0.872	0.852	0.979	1.110	1.060	1.153
2013	1	0.998	0.994	1.005	1.004	1.001	1.005	2020	1	0.870	0.850	0.975	1.113	1.064	1.160
	2	0.994	0.989	1.006	1.008	1.001	1.009		2	0.869	0.843	0.960	1.117	1.067	1.165
	3	0.988	0.985	1.009	1.012	1.001	1.013		3	0.872	0.837	0.942	1.123	1.071	1.171
	4	0.981	0.979	1.010	1.015	1.002	1.017		4	0.878	0.828	0.929	1.129	1.071	1.178
2014	1	0.972	0.970	1.010	1.018	1.004	1.022	2021	1	0.885	0.825	0.922	1.136	1.071	1.185
	2	0.962	0.959	1.012	1.024	1.006	1.028		2	0.896	0.828	0.930	1.145	1.072	1.194
	3	0.954	0.950	1.013	1.030	1.009	1.032		3P	0.905	0.830	0.939	1.159	1.073	1.206
	4	0.947	0.940	1.013	1.038	1.013	1.036		4P	0.913	0.836	0.949	1.173	1.077	1.218
2015	1	0.940	0.931	1.011	1.045	1.017	1.038	2022	1P	0.920	0.839	0.954	1.188	1.083	1.232
	2	0.936	0.923	1.007	1.050	1.021	1.042		2P	0.923	0.839	0.958	1.200	1.089	1.244
	3	0.930	0.914	1.004	1.054	1.023	1.047		3P	0.926	0.841	0.959	1.209	1.096	1.256
	4	0.924	0.906	1.001	1.058	1.025	1.052		4P	0.929	0.842	0.960	1.217	1.102	1.268
2016	1	0.920	0.902	0.999	1.061	1.028	1.058	2023	1P	0.931	0.844	0.961	1.224	1.109	1.278
	2	0.914	0.901	0.998	1.063	1.030	1.064		2P	0.933	0.845	0.961	1.231	1.116	1.286
	3	0.907	0.899	0.997	1.064	1.034	1.071		3P	0.933	0.845	0.962	1.238	1.123	1.294
	4	0.900	0.899	0.998	1.065	1.038	1.078		4P	0.933	0.845	0.962	1.245	1.130	1.301

Change In Exposures *   Average Annual Trend Factor

7/1/2018 to 7/1/2023							7/1/2018 to 7/1/2023							
(2023:4/2018:4)	1.078	0.970	0.969	1.142	1.070	1.150	(5.0 YEARS)	+ 1.5%	- 0.6%	- 0.6%	+ 2.7%	+ 1.4%	+ 2.8%

*Assumes a loss cost revision date of July 1, 2022, and a prospective average date of coverage one year later (July 1, 2023).

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PREMISES/OPERATIONS
GOVERNMENTAL SUBDIVISIONS
OWNERS, LANDLORDS AND TENANTS
AVERAGE ANNUAL EXPOSURE TRENDS
FOR ACCIDENT YEARS ENDING 12/31/2018, 12/31/2019 & 12/31/2020

(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 @
2010	1	0.926	2017	1	1.064
	2	0.933		2	1.069
	3	0.940		3	1.076
	4	0.947		4	1.085
2011	1	0.954	2018	1	1.095
	2	0.962		2	1.107
	3	0.971		3	1.119
	4	0.977		4	1.130
2012	1	0.984	2019	1	1.136
	2	0.988		2	1.142
	3	0.992		3	1.146
	4	1.000		4	1.149
2013	1	1.007	2020	1	1.155
	2	1.016		2	1.158
	3	1.026		3	1.162
	4	1.033		4	1.167
2014	1	1.040	2021	1	1.174
	2	1.047		2	1.188
	3	1.053		3P	1.202
	4	1.057		4P	1.217
2015	1	1.057	2022	1P	1.229
	2	1.058		2P	1.238
	3	1.058		3P	1.247
	4	1.057		4P	1.255
2016	1	1.056	2023	1P	1.263
	2	1.055		2P	1.271
	3	1.055		3P	1.278
	4	1.057		4P	1.285

CHANGE IN EXPOSURES   AVERAGE ANNUAL TREND FACTOR

7/1/2018 to 7/1/2023	(2023:4/2018:4)	1.137	7/1/2018 to 7/1/2023	(5.0 YEARS)	1.026
7/1/2019 to 7/1/2023	(2023:4/2019:4)	1.119	7/1/2019 to 7/1/2023	(4.0 YEARS)	1.029
7/1/2020 to 7/1/2023	(2023:4/2020:4)	1.101	7/1/2020 to 7/1/2023	(3.0 YEARS)	1.033

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

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

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

(1) Accident Year Ending	(2) Basic Limit Paid Losses *	(3) Occurrences at Ultimate	(4) (2)/(3) Actual Severity	(5) Exponential Curve of Best Fit to Col (4)		
				10 Year	8 Year	6 Year
6/30/2011	$240,897,989	4,365	$55,188	$56,283		
12/31/2011	$245,770,093	4,243	$57,924	$57,334		
6/30/2012	$220,101,254	3,728	$59,041	$58,404		
12/31/2012	$209,159,546	3,517	$59,471	$59,495		
6/30/2013	$209,666,966	3,520	$59,557	$60,605	$60,626	
12/31/2013	$214,291,890	3,589	$59,713	$61,737	$61,755	
6/30/2014	$242,393,627	3,817	$63,498	$62,889	$62,904	
12/31/2014	$240,924,046	3,629	$66,384	$64,063	$64,075	
6/30/2015	$220,582,296	3,435	$64,210	$65,259	$65,268	$65,692
12/31/2015	$213,503,224	3,338	$63,970	$66,478	$66,483	$66,843
6/30/2016	$213,045,098	3,040	$70,089	$67,719	$67,720	$68,014
12/31/2016	$216,033,556	3,044	$70,959	$68,983	$68,981	$69,205
6/30/2017	$211,602,614	3,040	$69,601	$70,271	$70,264	$70,417
12/31/2017	$218,490,428	2,996	$72,936	$71,583	$71,572	$71,650
6/30/2018	$220,960,059	3,004	$73,545	$72,919	$72,904	$72,905
12/31/2018	$224,338,038	3,008	$74,569	$74,281	$74,261	$74,182
6/30/2019	$229,582,524	2,970	$77,288	$75,667	$75,644	$75,482
12/31/2019	$234,560,660	3,006	$78,020	$77,080	$77,052	$76,804
6/30/2020	$214,399,627	2,668	$80,348	$78,519	$78,486	$78,149
12/31/2020	$162,489,028	2,204	$73,735	$79,985	$79,947	$79,518

Goodness of Fit Statistic, R-Squared:	0.928	0.877	0.772

Average Annual Severity Trend (10 yr)	+ 3.8%
Average Annual Severity Trend (8 yr)	+ 3.8%
Average Annual Severity Trend (6 yr)	+ 3.5%
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).

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

(1) Accident Year Ending	(2) Basic Limit Paid Losses *	(3) Occurrences at Ultimate	(4) (2)/(3) Actual Severity	(5) Exponential Curve of Best Fit to Col (4) 10 Year	8 Year	6 Year
6/30/2011	$164,294,189	15,159	$10,838	$11,551		
12/31/2011	$166,910,517	15,123	$11,037	$11,838		
6/30/2012	$162,335,564	14,540	$11,165	$12,133		
12/31/2012	$172,183,327	13,647	$12,617	$12,435		
6/30/2013	$174,628,283	13,077	$13,354	$12,745	$13,529	
12/31/2013	$163,968,001	12,330	$13,298	$13,062	$13,779	
6/30/2014	$172,901,430	11,990	$14,421	$13,387	$14,034	
12/31/2014	$173,681,335	11,893	$14,604	$13,720	$14,293	
6/30/2015	$176,974,099	11,670	$15,165	$14,062	$14,557	$14,604
12/31/2015	$179,386,152	11,700	$15,332	$14,412	$14,826	$14,865
6/30/2016	$177,596,611	11,819	$15,026	$14,771	$15,100	$15,131
12/31/2016	$178,433,891	12,007	$14,860	$15,139	$15,380	$15,402
6/30/2017	$179,074,865	11,898	$15,051	$15,516	$15,664	$15,677
12/31/2017	$184,933,884	11,689	$15,821	$15,902	$15,953	$15,958
6/30/2018	$189,846,573	11,725	$16,192	$16,298	$16,248	$16,243
12/31/2018	$194,923,643	11,769	$16,563	$16,704	$16,548	$16,534
6/30/2019	$191,116,917	11,610	$16,461	$17,119	$16,854	$16,830
12/31/2019	$197,308,688	11,503	$17,153	$17,546	$17,166	$17,131
6/30/2020	$190,192,711	10,539	$18,046	$17,982	$17,483	$17,438
12/31/2020	$177,273,555	9,874	$17,954	$18,430	$17,806	$17,750

Goodness of Fit Statistic, R-Squared:	0.905	0.920	0.861

Average Annual Severity Trend (10 yr)   + 5.0%
Average Annual Severity Trend (8 yr)   + 3.7%
Average Annual Severity Trend (6 yr)   + 3.6%

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).

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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
Fringe

(1)	(2)	(3)	(4)	(5)		
Accident	Basic Limit	Occurrences	(2)/(3)	Exponential		
Year	Paid	at	Actual	Curve of		
Ending	Losses *	Ultimate	Severity	Best Fit to Col (4)		
				10 Year	8 Year	6 Year
6/30/2011	$24,083,314	778	$30,955	$41,713		
12/31/2011	$19,504,923	587	$33,228	$41,183		
6/30/2012	$17,329,504	463	$37,441	$40,660		
12/31/2012	$15,795,250	436	$36,250	$40,143		
6/30/2013	$18,402,373	412	$44,681	$39,633	$48,681	
12/31/2013	$25,896,350	457	$56,700	$39,129	$47,036	
6/30/2014	$23,859,828	505	$47,200	$38,632	$45,446	
12/31/2014	$19,221,641	505	$38,026	$38,141	$43,910	
6/30/2015	$21,850,608	513	$42,590	$37,657	$42,425	$42,230
12/31/2015	$19,060,861	514	$37,082	$37,178	$40,991	$40,839
6/30/2016	$20,475,957	504	$40,663	$36,706	$39,606	$39,494
12/31/2016	$19,088,204	472	$40,463	$36,239	$38,267	$38,193
6/30/2017	$17,642,589	505	$34,941	$35,779	$36,973	$36,935
12/31/2017	$21,567,860	543	$39,697	$35,324	$35,724	$35,719
6/30/2018	$21,135,334	541	$39,059	$34,875	$34,516	$34,543
12/31/2018	$17,439,821	497	$35,118	$34,432	$33,349	$33,405
6/30/2019	$12,600,710	437	$28,822	$33,994	$32,222	$32,305
12/31/2019	$10,401,186	441	$23,596	$33,562	$31,133	$31,241
6/30/2020	$13,134,244	434	$30,290	$33,136	$30,081	$30,212
12/31/2020	$15,243,496	439	$34,762	$32,715	$29,064	$29,217

Goodness of Fit Statistic, R-Squared:	0.160	0.635	0.490
Average Annual Severity Trend (10 yr)	- 2.5%		
Average Annual Severity Trend (8 yr)	- 6.6%		
Average Annual Severity Trend (6 yr)	- 6.5%		
Selected Annual Severity Trend	0.0%		

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

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

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

(1) Accident Year Ending	(2) Basic Limit Paid Losses *	(3) Occurrences at Ultimate	(4) (2)/(3) Actual Severity	(5) Exponential Curve of Best Fit to Col (4) 10 Year	8 Year	6 Year
6/30/2011	$631,520,438	18,738	$33,703	$32,557		
12/31/2011	$627,699,105	18,008	$34,857	$33,481		
6/30/2012	$575,294,844	16,049	$35,847	$34,430		
12/31/2012	$548,519,218	15,320	$35,803	$35,407		
6/30/2013	$580,727,411	16,065	$36,148	$36,411	$35,105	
12/31/2013	$632,058,468	17,092	$36,979	$37,444	$36,239	
6/30/2014	$706,254,036	18,448	$38,284	$38,506	$37,409	
12/31/2014	$698,408,650	17,656	$39,556	$39,598	$38,617	
6/30/2015	$699,134,868	17,277	$40,466	$40,721	$39,864	$38,376
12/31/2015	$724,822,637	17,440	$41,561	$41,876	$41,152	$39,832
6/30/2016	$691,633,337	16,220	$42,640	$43,064	$42,481	$41,344
12/31/2016	$699,440,275	16,290	$42,938	$44,285	$43,853	$42,912
6/30/2017	$721,581,456	16,847	$42,830	$45,541	$45,269	$44,540
12/31/2017	$749,421,766	17,271	$43,393	$46,833	$46,732	$46,230
6/30/2018	$806,598,402	17,892	$45,082	$48,161	$48,241	$47,984
12/31/2018	$808,104,675	17,195	$46,996	$49,527	$49,799	$49,805
6/30/2019	$788,798,441	16,045	$49,162	$50,932	$51,407	$51,695
12/31/2019	$793,742,631	15,032	$52,805	$52,377	$53,068	$53,656
6/30/2020	$689,221,051	11,307	$60,956	$53,862	$54,782	$55,692
12/31/2020	$453,152,450	7,296	$62,113	$55,390	$56,551	$57,805

Goodness of Fit Statistic, R-Squared: 0.884 0.873 0.850

Average Annual Severity Trend (10 yr) + 5.8%
Average Annual Severity Trend (8 yr) + 6.6%
Average Annual Severity Trend (6 yr) + 7.7%

Selected Annual Severity Trend + 5.0%

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

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

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

(1) Accident Year Ending	(2) Basic Limit Paid Losses *	(3) Occurrences at Ultimate	(4) (2)/(3) Actual Severity	(5) Exponential Curve of Best Fit to Col (4)		
				10 Year	8 Year	6 Year
6/30/2011	$70,411,697	8,384	$8,399	$7,930		
12/31/2011	$74,072,470	8,330	$8,892	$8,181		
6/30/2012	$68,669,614	7,660	$8,965	$8,440		
12/31/2012	$63,745,255	7,265	$8,774	$8,707		
6/30/2013	$65,934,730	7,393	$8,918	$8,982	$8,450	
12/31/2013	$69,997,399	7,453	$9,391	$9,266	$8,773	
6/30/2014	$69,103,107	7,712	$8,960	$9,559	$9,109	
12/31/2014	$67,810,744	7,715	$8,789	$9,861	$9,457	
6/30/2015	$76,668,016	7,410	$10,346	$10,173	$9,818	$9,609
12/31/2015	$77,687,240	7,460	$10,413	$10,494	$10,194	$10,011
6/30/2016	$75,685,944	7,395	$10,235	$10,826	$10,584	$10,429
12/31/2016	$80,491,414	7,496	$10,739	$11,168	$10,988	$10,865
6/30/2017	$83,833,582	7,931	$10,570	$11,521	$11,408	$11,319
12/31/2017	$89,069,100	7,908	$11,263	$11,885	$11,844	$11,792
6/30/2018	$93,088,285	7,657	$12,157	$12,261	$12,297	$12,285
12/31/2018	$91,327,405	7,390	$12,358	$12,649	$12,767	$12,799
6/30/2019	$93,534,071	7,097	$13,180	$13,049	$13,255	$13,334
12/31/2019	$93,091,357	6,786	$13,719	$13,461	$13,762	$13,891
6/30/2020	$83,235,252	5,400	$15,415	$13,887	$14,288	$14,472
12/31/2020	$72,514,905	4,630	$15,661	$14,326	$14,834	$15,076

Goodness of Fit Statistic, R-Squared:	0.908	0.934	0.926

Average Annual Severity Trend (10 yr)   + 6.4%
Average Annual Severity Trend (8 yr)   + 7.8%
Average Annual Severity Trend (6 yr)   + 8.5%

Selected Annual Severity Trend   + 6.0%

* 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)	(2)	(3)	(4)	(5)		
Accident	Basic Limit	Occurrences	(2)/(3)	Exponential		
Year	Paid	at	Actual	Curve of		
Ending	Losses *	Ultimate	Severity	Best Fit to Col (4)		
				10 Year	8 Year	6 Year
6/30/2011	$40,614,436	481	$84,452	$82,336		
12/31/2011	$50,294,996	424	$118,708	$81,480		
6/30/2012	$38,030,892	342	$111,299	$80,634		
12/31/2012	$27,307,627	335	$81,435	$79,797		
6/30/2013	$27,861,135	380	$73,365	$78,968	$63,916	
12/31/2013	$32,290,761	414	$77,974	$78,148	$64,659	
6/30/2014	$36,506,474	480	$76,051	$77,336	$65,410	
12/31/2014	$32,864,591	528	$62,258	$76,533	$66,170	
6/30/2015	$37,072,326	607	$61,049	$75,738	$66,939	$56,226
12/31/2015	$42,159,450	693	$60,792	$74,951	$67,717	$58,344
6/30/2016	$39,217,658	695	$56,462	$74,173	$68,504	$60,542
12/31/2016	$34,492,756	639	$53,974	$73,403	$69,300	$62,822
6/30/2017	$35,229,710	558	$63,179	$72,640	$70,105	$65,189
12/31/2017	$41,881,200	533	$78,591	$71,886	$70,920	$67,644
6/30/2018	$44,386,020	524	$84,690	$71,139	$71,744	$70,192
12/31/2018	$33,429,524	497	$67,323	$70,400	$72,577	$72,836
6/30/2019	$25,747,999	411	$62,714	$69,669	$73,421	$75,580
12/31/2019	$26,296,505	383	$68,639	$68,946	$74,274	$78,427
6/30/2020	$32,341,527	379	$85,351	$68,229	$75,137	$81,381
12/31/2020	$30,501,621	313	$97,402	$67,521	$76,010	$84,447

Goodness of Fit Statistic, R-Squared: 0.095   0.133   0.531

Average Annual Severity Trend (10 yr)   - 2.1%
Average Annual Severity Trend (8 yr)   + 2.3%
Average Annual Severity Trend (6 yr)   + 7.7%

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).

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PREMISES/OPERATIONS
MANUFACTURERS AND CONTRACTORS

FREQUENCY TREND INCLUDING FRINGE OCCURRENCES[1]
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]
12/31/2007	$ 876,480,191	28,124	32.09
12/31/2008	$ 929,731,961	29,440	31.66
12/31/2009	$ 850,156,853	27,606	32.47
12/31/2010	$ 845,097,444	29,655	35.09
12/31/2011	$ 864,876,623	28,129	32.52
12/31/2012	$ 856,129,884	26,854	31.37
12/31/2013	$ 893,925,782	26,471	29.61
12/31/2014	$ 934,558,802	27,871	29.82
12/31/2015	$ 958,878,086	27,722	28.91
12/31/2016	$ 970,928,544	28,038	28.88
12/31/2017	$ 1,000,796,876	28,332	28.31
12/31/2018	$ 1,023,875,739	28,858	28.19
12/31/2019	$ 1,043,453,478	26,903	25.78
12/31/2020	$ 1,034,126,723	22,626	21.88

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 OCCURRENCES[1]
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 $(3)/(2)^2$
12/31/2007	$ 1,125,083,581	32,229	28.65
12/31/2008	$ 1,250,692,750	33,315	26.64
12/31/2009	$ 1,323,728,852	32,072	24.23
12/31/2010	$ 1,386,084,187	33,020	23.82
12/31/2011	$ 1,388,763,291	30,954	22.29
12/31/2012	$ 1,395,829,287	27,014	19.35
12/31/2013	$ 1,406,187,232	29,430	20.93
12/31/2014	$ 1,460,124,833	30,517	20.90
12/31/2015	$ 1,557,035,224	31,121	19.99
12/31/2016	$ 1,559,987,343	29,674	19.02
12/31/2017	$ 1,578,955,119	31,733	20.10
12/31/2018	$ 1,558,918,380	31,391	20.14
12/31/2019	$ 1,495,025,566	28,304	18.93
12/31/2020	$ 1,352,725,594	16,681	12.33

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

CLASS GROUP 01		
10100	1.03	
10146	0.46	
10352	0.60	
11258	1.24	
11259	1.33	
11288	1.52	
13111	1.15	
13673	0.94	
13720	0.53	
14401	1.25	
15224	0.56	
18435	1.09	
18436	0.88	
18501	1.00	*

CLASS GROUP 02		
16900	1.95	
16901	1.25	
16902	1.06	
16905	2.05	
16906	1.31	
16910	1.17	
16911	1.06	
16915	1.20	
16916	1.00	*
16920	2.66	
16921	2.43	
16930	1.53	
16931	1.65	
16940	3.32	
16941	1.33	

CLASS GROUP 03		
10026	1.24	
10042	0.71	
10060	0.34	
10065	0.51	
10066	0.52	
10071	0.61	
10101	0.46	
10105	4.98	
10113	0.69	
10115	1.37	
10130	6.79	
10132	5.85	
10150	0.95	
10151	23.92	
10160	4.26	
10204	0.43	
10205	0.48	
10210	0.77	
10211	0.77	
10220	9.04	
10309	0.31	
10315	0.73	
11020	0.58	
11126	0.12	
11155	0.41	
11204	0.60	
11234	0.54	
11273	26.77	
11274	25.69	
12356	2.27	
12374	1.18	
12375	0.58	
12393	0.77	

12467	0.32	
12805	0.62	
12841	1.03	
12927	0.18	
13314	0.23	
13351	0.56	
13352	0.57	
13506	1.76	
13507	2.12	
13716	0.87	
13759	0.34	
14068	0.075	
14101	0.88	
14655	0.17	
14733	1.19	
14734	0.51	
14913	0.64	
15314	0.41	
15538	0.73	
15600	1.84	
15608	0.41	
15656	12.11	
15839	0.55	
15991	0.45	
15993	0.38	
16402	2.72	
16403	1.72	
16404	2.17	
16676	0.57	
16750	0.20	
16751	0.20	
16881	3.13	
18109	0.75	
18110	0.60	
18206	0.97	

18335	0.70	
18437	1.00	*
18438	1.92	
18507	0.36	
18570	3.76	
18708	0.22	
18834	0.57	
18911	1.80	
18912	3.39	
18920	0.88	
19795	0.59	
19796	0.69	
41510	90.50	
45900	0.21	
45901	0.18	
48808	3.10	
49111	4.74	

CLASS GROUP 04		
10133	12.18	
11052	12.67	
11167	2.92	
11168	15.14	
14731	12.57	
14732	0.93	
15123	12.15	
15124	4.25	
19007	4.75	
19051	10.53	
44009	14.81	
49617	1.00	*
49618	0.84	
49619	1.58	
49763	10.26	

Arizona   GL-2022-BGL1   EXHIBIT C8

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

CLASS GROUP 05	
10140	0.46
10141	0.92
10145	4.43
12361	1.00 *
13049	0.52
13112	0.85
13670	0.56
15223	0.66

CLASS GROUP 06	
10010	1.59
10011	0.38
10012	0.44
10025	0.38
10027	0.38
10040	1.21
10070	0.91
10111	1.99
11127	5.07
11128	6.84
11203	11.79
12362	1.00 *
12373	0.38
12391	0.75
12707	6.56
12797	1.38
13715	1.00
13930	2.13
14527	4.07
16005	0.53
16501	1.12
16527	1.72

16705	3.19
18078	1.81
18205	2.79
18707	0.15
18833	1.79

CLASS GROUP 07	
10015	2.95
10052	2.04
10054	1.81
10110	10.04
10117	2.93
10120	6.57
10331	4.00
10332	6.90
10378	4.05
10379	1.88
10380	3.21
10381	2.78
11138	1.00 *
16670	1.66
40045	91.94
40046	18.17
40047	6.48
40059	2.32
40061	1.23
40063	41.16
40064	12.10
40111	3.26
41001	0.11
41664	13.92
41665	1.63
41667	38.05
41668	35.67

41669	0.25
41670	0.42
43518	5.97
43626	4.77
43628	61.99
43629	52.53
43760	1.75
44069	5.10
44070	1.51
44071	1.68
44072	1.16
44311	3.08
44315	2.07
46911	9.44
46912	17.29
47318	3.88
47420	0.85
48206	12.62
48441	0.053
48557	5.30
48558	4.61
48637	4.05
48638	2.01
48925	96.91
49870	40.51
63217	18.47
63218	6.22

CLASS GROUP 08	
40101	254.14
40102	224.55
44427	918.85
44428	924.07
44429	13.85

44430	9.63
44431	30.76
44432	9.75
44433	310.66
44434	594.24
44435	615.31
44436	718.67
44437	595.63
44438	470.71
44439	916.25
44440	758.14
46112	1.00 *

CLASS GROUP 09	
45190	1.00 *
45191	0.71
45192	0.83
45193	0.49
45210	0.62
46202	1.27
64074	7.06
64075	4.97

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

CLASS GROUP 10						
41421	0.015	61000	0.99	65007	1.65	49181	0.82

CLASS GROUP 10							
41421	0.015	61000	0.99	65007	1.65	49181	0.82
41422	0.008	63010	1.80	66122	0.71	49183	1.00 *
41603	0.71	63011	2.25	66123	0.39	49184	2.11
41604	0.39	63012	3.20	66309	1.14	49185	1.92
41650	1.00 *	63013	3.03	66561	2.64	49292	0.060
41680	0.52	68500	0.22	67017	2.45	49333	0.44
41715	0.33			67634	2.12	49801	6.88
41716	0.21	**CLASS GROUP 12@**		67635	1.50	49802	0.61
46004	0.95	41678	3.04	68001	4.58	49803	1.08
46005	0.76	43152	0.91	68439	5.89		
47469	0.15	46362	10.61	68604	0.11		
47471	0.13	46426	1.55	68606	0.43		
47473	0.17	46427	2.07	68607	0.34		
47474	0.19	46603	0.13	68702	0.28		
47475	0.15	46604	0.15	68703	0.21		
47476	0.15	46606	0.40	68706	0.90		
47477	0.20	46607	0.55	68707	0.89		
47478	0.21	48600	3.10				
67508	1.20	60035	1.86	**CLASS GROUP 13**			
67509	0.88	61212	1.00 *	40075	1.87		
67510	0.49	61216	1.11	43151	0.93		
67511	0.53	61217	1.01	43200	3.54		
67512	2.27	61218	0.69	43421	0.97		
67513	1.44	61223	4.66	43422	5.09		
		61224	1.65	43550	3.46		
CLASS GROUP 11		61225	2.29	43551	1.92		
		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	
		40140	(a)	46882	(a)		
		41210	(a)	46913	(a)		
10020	(a)	41666	(a)	46914	(a)	44100	0.96
10119	(a)	41672	(a)	46915	(a)	44101	1.00 *
10135	(a)	41673	(a)	46916	(a)	44102	0.78
10375	(a)	41700	(a)	47051	(a)	44103	0.69
11101	(a)	43007	(a)	47052	(a)	44104	0.29
11120	(a)	43117	(a)	47103	(a)	44108	0.34
11160	(a)	43215	(a)	47146	(a)	44109	0.86
13208	(a)	43424	(a)	47147	(a)	44110	0.88
13461	(a)	43517	(a)	47253	(a)	44111	0.54
15119	(a)	43754	(a)	47254	(a)	44112	0.32
15120	(a)	43945	(a)	47468	(a)		
15300	(a)	43946	(a)	47600	(a)		
16722	(a)	43990	(a)	47610	(a)		
16723	(a)	43991	(a)	48177	(a)		
18200	(a)	44105	(a)	48178	(a)		
18991	(a)	44106	(a)	48252	(a)		
19061	(a)	44113	(a)	48610	(a)		
40005	(a)	44193	(a)	48727	(a)		
40006	(a)	44194	(a)	48924	(a)		
40010	(a)	44222	(a)	49305	(a)		
40015	(a)	44500	(a)	49451	(a)		
40020	(a)	44501	(a)	49452	(a)		
40026	(a)	45224	(a)	49800	(a)		
40031	(a)	45225	(a)	49890	(a)		
40032	(a)	45523	(a)	49891	(a)		
40040	(a)	45524	(a)	49902	(a)		
40041	(a)	45539	(a)	49903	(a)		
40042	(a)	45993	(a)	63219	(a)		
40066	(a)	46510	(a)	63220	(a)		
40067	(a)	46590	(a)	64500	(a)		
40069	(a)	46671	(a)	97501	(a)		
40072	(a)	46773	(a)	97502	(a)		
40115	(a)	46822	(a)	97503	(a)		
40117	(a)	46881	(a)	97504	(a)		

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

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

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

CLASS GROUP 32 (cont'd)						CLASS GROUP 34	
98423	2.57	99321	6.22	96317	0.29	10036	2.70
98424	4.36	99613	5.51	96872	1.03	10073	4.20
98425	1.79	99620	0.30	97220	0.075	10075	31.17
98426	1.58	99718	0.88	97308	0.14	10107	12.84
98427	1.54	99746	1.49	97447	0.46	10255	1.00 *
98449	2.21	99760	0.17	97651	1.36	10256	3.66
98482	2.37	99793	1.89	97652	1.18	10257	0.69
98483	3.50	99827	0.27	97655	1.05	11039	3.65
98502	3.35	99851	1.10	98002	0.19	11248	0.19
98555	1.56	99917	1.78	98152	0.64	12014	0.41
98597	0.35	99938	2.00	98153	0.72	12509	0.25
98598	0.12	99943	5.80	98154	0.85	12510	3.17
98601	4.01	99946	4.32	98155	1.19	12583	1.41
98624	0.63	99963	0.43	98157	0.76	12651	4.11
98640	69.14			98159	0.51	12683	1.88
98677	10.90	CLASS GROUP 33		98160	1.08	13201	3.63
98678	9.68			98161	1.21	13204	4.11
98699	3.15	91130	0.28	98163	1.27	13205	1.58
98710	2.19	91135	0.08	98303	2.39	13410	5.75
98805	2.86	91200	0.16	98309	1.20	13412	1.94
98820	5.46	91265	3.42	98429	0.25	13453	2.24
98884	1.42	91266	1.81	98658	1.23	13454	2.62
98967	2.23	91560	1.00 *	98659	0.22	13455	2.66
99003	1.06	91580	1.32	98705	1.74	13590	1.98
99080	0.75	91606	2.74	98751	0.93	13621	0.50
99111	1.09	91629	0.56	98914	0.15	14279	1.91
99163	2.60	91636	0.96	98949	0.21	14855	0.88
99165	0.57	91641	0.26	99220	0.33	15062	0.79
99223	0.16	91722	0.84	99222	0.62	15063	0.92
99303	8.72	92445	0.55	99471	0.15	15188	1.39
99310	2.18	92663	0.13	99969	0.60	15404	0.36
99315	6.41	95306	1.10	99988	0.53	15405	0.53
		95357	0.28				
		95455	1.16				
		95505	0.54				

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

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

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

CLASS GROUP 36 (cont'd)						
52469	0.98	56041	1.78	58058	2.38	59725	1.87
52505	4.88	56042	2.24	58095	3.35	59726	1.36
52581	23.79	56202	1.78	58096	4.45	59738	4.34
52619	1.67	56390	3.11	58302	1.20	59790	3.35
52911	1.33	56391	2.67	58397	6.97	59867	3.77
52967	0.50	56427	4.30	58503	1.86	59886	0.51
53001	4.89	56699	1.98	58532	2.40	59905	2.36
53077	2.35	56758	1.68	58559	0.49	59914	13.86
53095	1.61	56759	1.72	58560	1.18	59923	0.34
53096	2.24	56760	2.47	58575	1.52	59931	6.23
53121	6.37	56805	3.25	58627	4.88	59932	6.71
53271	1.20	56806	2.30	58682	4.34	59941	2.09
53631	0.74	56807	2.28	58737	3.15	59955	0.80
53632	0.85	56808	2.98	58757	10.62	59963	5.95
53731	0.78	56900	2.86	58759	1.31	59964	13.94
53732	5.32	56910	1.43	58802	1.49	59973	3.84
53733	3.46	56980	2.48	58822	4.10	59984	1.05
53907	2.34	57001	0.85	58903	0.94	59985	4.11
54077	3.20	57002	0.55	58904	0.72	59986	3.14
55010	9.66	57202	2.20	59005	1.78	59989	0.55
55011	2.61	57257	2.73	59057	13.18		
55012	3.11	57401	1.55	59058	8.53		
55214	2.52	57410	0.75	59257	0.48		
55597	0.63	57572	0.44	59306	3.01		
55647	1.26	57600	1.31	59481	8.09		
55648	0.57	57625	11.52	59601	3.05		
55649	0.68	57651	1.40	59660	5.61		
55715	5.00	57798	0.71	59661	2.75		
55716	7.23	57800	2.65	59693	0.46		
55918	2.86	57913	3.43	59701	0.22		
55919	0.39	57998	1.52	59713	5.02		
56040	0.27	58010	3.53	59722	2.60		
		58056	4.21	59723	0.98		
		58057	2.65	59724	1.50		

Arizona   GL-2022-BGL1   EXHIBIT C8

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

CLASS GROUP 37						
48636	10.49	52076	1.47	57090	1.83	59904	0.52
50011	0.58	52137	0.48	57146	1.16	59915	1.73
50018	0.53	52341	0.30	57411	0.28	59917	0.32
51001	0.36	52342	0.87	57611	0.60	59947	0.52
51005	0.074	52343	0.53	57690	0.78	59970	0.70
51116	0.91	52401	1.64	57716	0.37	59975	0.98
51210	0.63	52547	1.42	57725	0.81	59977	0.56
51220	2.16	52767	1.30	57726	0.63	59988	0.25
51221	1.20	53147	0.22	57808	0.31		
51222	1.46	53229	1.23	57809	0.32		
51224	1.53	53333	1.21	57810	0.31		
51230	0.26	53425	1.14	57871	0.37		
51250	1.66	53803	2.72	57999	0.51		
51255	4.21	55013	1.03	58009	0.51		
51330	0.64	55426	1.25	58301	0.39		
51333	0.21	55717	1.65	58663	2.57		
51400	1.50	55718	1.60	58756	0.48		
51401	2.21	56170	1.12	58813	1.18		
51625	0.33	56171	0.55	58837	2.37		
51702	0.99	56567	1.16	58840	0.71		
51703	0.41	56650	3.55	58873	1.13		
51734	0.77	56651	1.93	58922	1.88		
51850	1.55	56652	1.38	59223	1.17		
51851	1.05	56653	1.33	59378	0.76		
51852	2.46	56654	0.68	59537	0.82		
51853	0.99	56911	1.00 *	59750	0.61		
51854	2.22	56912	0.81	59751	0.22		
51855	2.33	56913	0.66	59781	0.53		
51856	1.28	56915	3.91	59782	0.79		
51857	2.19	56916	3.53	59783	0.77		
51909	1.40	56917	1.02	59784	0.59		
52075	1.22	56918	0.49	59798	2.01		
		56919	1.25	59806	1.44		
		56920	1.14	59892	0.77		

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

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

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

TYPE OF POLICY	ACCIDENT YEAR ENDING	$100,000 BASIC LIMIT AGGREGATE LOSS COSTS AT CURRENT LEVEL	X	EXPOSURE DEVELOPMENT FACTOR +@	X	EXPOSURE TREND #	X	AVERAGE IPMF *	=	TRENDED $100,000 BASIC LIMIT AGGREGATE LOSS COSTS AT CURRENT LEVEL
MONOLINE	12/31/2017	$31,814,688		1.000		1.108				$35,250,674
	12/31/2018	$29,747,068		1.000		1.095				$32,573,040
	12/31/2019	$31,192,982		0.999		1.083				$33,748,217
	12/31/2020	$29,792,841		0.959		1.087				$31,057,041
MULTILINE	12/31/2017	$88,015,163		1.000		1.116		0.878		$86,241,481
	12/31/2018	$89,841,787		1.000		1.100		0.878		$86,769,198
	12/31/2019	$92,474,122		0.999		1.087		0.878		$88,167,751
	12/31/2020	$91,679,309		0.959		1.092		0.878		$84,296,024
TOTAL	12/31/2017									$121,492,155
	12/31/2018									$119,342,238
	12/31/2019									$121,915,968
	12/31/2020									$115,353,065

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

@   THE EXPOSURE DEVELOPMENT FACTOR FOR THE LATEST YEAR HAS BEEN ADJUSTED BY APPLYING A FACTOR OF 0.960 TO REFLECT THE REDUCED
    EXPECTED EXPOSURE FOR PRODUCTS DUE TO THE COVID-19 PANDEMIC AND THE ECONOMIC RECESSION IN 2020. THE DERIVATION OF THE
    ADJUSTMENT IS EXPLAINED IN SECTION D.

AGGREGATE LOSS COSTS AT CURRENT LEVEL HAVE BEEN TRENDED FROM AN AVERAGE DATE OF COVERAGE TO ONE YEAR BEYOND AN ASSUMED
    EFFECTIVE DATE OF 07/01/2022 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 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	12/31/2017	$14,414,487		1.024		1.080		1.194		0.913		$17,377,929
		12/31/2018	$14,035,898		1.108		1.080		1.159		0.927		$18,045,416
		12/31/2019	$9,312,243		1.478		1.080		1.126		0.941		$15,749,998
		12/31/2020	$6,982,948		2.120		1.080		1.093		0.956		$16,706,154
BI	ALAE	12/31/2017	$19,047,802				1.080		1.194		0.913		$22,425,582
		12/31/2018	$21,563,036				1.080		1.159		0.927		$25,020,549
		12/31/2019	$14,061,730				1.080		1.126		0.941		$16,091,277
		12/31/2020	$13,749,165				1.080		1.093		0.956		$15,515,941
PD	B/L INDEMNITY	12/31/2017	$21,642,806		1.120		1.080		1.302		0.913		$31,119,822
		12/31/2018	$18,214,771		1.148		1.080		1.246		0.927		$26,084,777
		12/31/2019	$18,737,036		1.241		1.080		1.193		0.941		$28,192,040
		12/31/2020	$13,216,491		1.419		1.080		1.141		0.956		$22,093,568
PD	ALAE	12/31/2017	$27,938,485				1.080		1.302		0.913		$35,868,100
		12/31/2018	$21,021,492				1.080		1.246		0.927		$26,223,163
		12/31/2019	$23,738,824				1.080		1.193		0.941		$28,781,473
		12/31/2020	$16,653,694				1.080		1.141		0.956		$19,619,045
	TOTAL FULL COVERAGE	12/31/2017											$106,791,433
		12/31/2018											$95,373,905
		12/31/2019											$88,814,788
		12/31/2020											$73,934,708

* 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 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	12/31/2017	$2,242,389		1.022		1.080		1.194		0.913		$2,698,117
		12/31/2018	$1,794,683		1.149		1.080		1.159		0.927		$2,392,736
		12/31/2019	$1,558,093		1.499		1.080		1.126		0.941		$2,672,679
		12/31/2020	$645,485		1.845		1.080		1.093		0.956		$1,343,954
BI	ALAE	12/31/2017	$2,916,131				1.080		1.194		0.913		$3,433,254
		12/31/2018	$2,028,138				1.080		1.159		0.927		$2,353,339
		12/31/2019	$2,523,848				1.080		1.126		0.941		$2,888,118
		12/31/2020	$1,196,613				1.080		1.093		0.956		$1,350,378
PD	B/L INDEMNITY	12/31/2017	$4,093,457		1.073		1.080		1.302		0.913		$5,638,914
		12/31/2018	$4,044,711		1.127		1.080		1.246		0.927		$5,686,342
		12/31/2019	$2,934,375		1.232		1.080		1.193		0.941		$4,383,088
		12/31/2020	$2,489,873		1.422		1.080		1.141		0.956		$4,171,037
PD	ALAE	12/31/2017	$5,345,645				1.080		1.302		0.913		$6,862,868
		12/31/2018	$4,222,281				1.080		1.246		0.927		$5,267,065
		12/31/2019	$3,798,798				1.080		1.193		0.941		$4,605,746
		12/31/2020	$3,054,830				1.080		1.141		0.956		$3,598,772
	TOTAL DED COVERAGE	12/31/2017											$18,633,153
		12/31/2018											$15,699,482
		12/31/2019											$14,549,631
		12/31/2020											$10,464,141
	TOTAL OCCURRENCE	12/31/2017											$125,424,587
		12/31/2018											$111,073,386
		12/31/2019											$103,364,419
		12/31/2020											$84,398,850

* 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

Type of Policy (B)	Description	Implicit Package Modification Factors
31	Not Appllicable	--
32	Not Appllicable	--
33	Not Appllicable	--
34	Mercantile Policy	0.857
35	Not Appllicable	--
36	Service Policy	0.932
37	Industrial / Processing Policy	0.888
38	Not Appllicable	--

(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
12/31/2013	296,572,888	299,206,758	298,956,535	298,941,437	298,911,484	298,912,053	298,906,089	298,906,089
12/31/2014	305,713,706	312,412,678	312,251,959	312,191,473	312,112,712	312,106,587	312,106,587	
12/31/2015	309,562,694	310,299,067	310,132,450	310,017,678	309,888,281	309,888,200		
12/31/2016	297,277,031	296,717,575	296,686,387	296,745,015	296,750,284			
12/31/2017	291,422,431	292,586,850	292,439,530	292,421,815				
12/31/2018	287,235,105	287,373,471	287,373,310					
12/31/2019	285,048,561	282,849,767						
12/31/2020	267,744,800							

LINK RATIOS

Accident Year Ending	27:15	39:27	51:39	63:51	75:63	87:75	99:87
12/31/2013	1.009	0.999	1.000	1.000	1.000	1.000	1.000
12/31/2014	1.022	0.999	1.000	1.000	1.000	1.000	
12/31/2015	1.002	0.999	1.000	1.000	1.000		
12/31/2016	0.998	1.000	1.000	1.000			
12/31/2017	1.004	0.999	1.000				
12/31/2018	1.000	1.000					
12/31/2019	0.992						

Average Best 3 of 5

27:15	39:27
1.000	0.999

Accident Year Ending	Exposure Development From 27:15	39:27	ULT:39	Factor
12/31/2018			1.000	1.000
12/31/2019		0.999	1.000	0.999
12/31/2020	1.000	0.999	1.000	0.999

@ An adjustment of 0.960 has been subsequently applied to the exposure development factor for the latest year to
  reflect the reduced expected exposure for Products due to the COVID-19 pandemic and economic recession in 2020.
  The resulting exposure development factor is displayed on Exhibit C9, page 1 and is reflected in the calculation of the
  ALCCL for the latest year. The derivation of this adjustment is explained in Section D.

Products (Subline Code 336)
Full Coverage
Multistate

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

$100,000 Basic Limit Losses as of :

A.Y.E.	15 Months	27 Months	39 Months	51 Months	63 Months	75 Months	87 Months	99 Months	111 Months	123 Months	135 Months
12/31/2001	7,565,837	11,532,284	14,894,427	15,674,403	15,972,792	15,929,495	16,307,484	16,690,599	16,537,105	16,362,727	16,632,938
12/31/2002	6,250,966	9,698,193	13,280,836	15,660,109	14,735,734	14,074,593	13,702,499	13,464,568	13,457,546	13,453,262	13,626,380
12/31/2003	6,455,713	10,911,297	14,049,820	14,698,875	13,971,053	13,270,350	12,976,376	13,399,924	13,748,994	13,918,308	13,865,287
12/31/2004	7,060,647	10,642,076	13,968,766	15,547,580	14,855,875	13,875,430	13,939,740	13,817,927	14,171,291	14,263,691	14,286,013
12/31/2005	8,476,387	9,976,434	12,862,127	12,782,393	13,043,055	12,914,529	12,740,155	12,949,741	12,727,113	12,750,098	12,676,141
12/31/2006	7,833,992	12,426,464	16,279,881	16,130,951	15,517,590	15,612,691	15,605,657	15,798,763	16,044,535	15,977,284	15,729,756
12/31/2007	9,277,627	14,202,261	17,426,328	18,117,071	18,187,422	18,162,162	17,650,912	17,641,740	17,421,332	17,314,582	17,442,065
12/31/2008	9,406,302	13,570,417	16,180,182	17,122,773	18,874,445	17,584,239	17,407,115	17,348,358	17,378,817	17,460,506	17,663,882
12/31/2009	10,246,216	13,057,336	15,578,201	16,054,370	15,798,741	15,890,914	15,668,419	15,684,194	15,691,462	15,921,055	16,222,005
12/31/2010	10,796,890	15,136,629	16,567,757	17,121,863	17,103,374	15,811,784	15,561,982	15,572,771	15,593,815	15,471,591	15,570,599
12/31/2011	8,512,981	11,389,068	14,582,836	14,880,906	14,316,564	14,102,882	14,023,557	14,161,798	14,621,709	14,508,116	
12/31/2012	8,565,692	12,503,598	16,209,343	16,440,398	16,656,227	16,192,429	16,106,420	16,786,478	16,554,768		
12/31/2013	6,292,601	9,341,808	12,815,315	13,675,599	14,018,267	13,907,732	14,353,922	14,093,589			
12/31/2014	6,916,560	9,546,568	12,971,496	14,735,733	14,164,171	14,799,587	14,897,876				
12/31/2015	6,512,815	8,964,348	11,836,910	12,980,824	12,800,106	12,734,600					
12/31/2016	5,821,748	8,223,125	10,872,908	11,577,861	11,977,370						
12/31/2017	6,062,903	9,415,767	12,858,464	13,918,829							
12/31/2018	6,816,744	9,881,875	12,459,790								
12/31/2019	5,744,709	8,274,523									
12/31/2020	6,231,237										

A.Y.E.	147 Months	159 Months	171 Months	183 Months	195 Months	207 Months	219 Months	231 Months	243 Months
12/31/2001	17,012,802	17,100,918	17,351,267	17,647,251	17,548,725	17,776,426	17,759,880	17,757,986	17,746,422
12/31/2002	14,103,087	13,842,988	13,857,707	13,522,883	13,775,505	13,763,646	13,762,729	13,793,796	
12/31/2003	13,912,976	13,996,988	13,780,995	13,843,864	13,976,737	13,949,931	14,019,542		
12/31/2004	14,151,073	14,035,217	14,207,377	14,260,536	14,151,863	14,123,811			
12/31/2005	12,556,685	12,574,847	12,578,066	12,525,233	12,563,180				
12/31/2006	16,022,788	16,232,535	16,129,757	16,129,860					
12/31/2007	17,419,091	17,885,580	18,147,537						
12/31/2008	17,691,153	17,689,503							
12/31/2009	18,030,255								

Products (Subline Code 336)
Full Coverage
Multistate

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

Link Ratios

A.Y.E.	27:15	39:27	51:39	63:51	75:63	87:75	99:87	111:99	123:111	135:123	147:135
12/31/2001	1.524	1.292	1.052	1.019	0.997	1.024	1.023	0.991	0.989	1.017	1.023
12/31/2002	1.551	1.369	1.179	0.941	0.955	0.974	0.983	0.999	1.000	1.013	1.035
12/31/2003	1.690	1.288	1.046	0.950	0.950	0.978	1.033	1.026	1.012	0.996	1.003
12/31/2004	1.507	1.313	1.113	0.956	0.934	1.005	0.991	1.026	1.007	1.002	0.991
12/31/2005	1.177	1.289	0.994	1.020	0.990	0.986	1.016	0.983	1.002	0.994	0.991
12/31/2006	1.586	1.310	0.991	0.962	1.006	1.000	1.012	1.016	0.996	0.985	1.019
12/31/2007	1.531	1.227	1.040	1.004	0.999	0.972	0.999	0.988	0.994	1.007	0.999
12/31/2008	1.443	1.192	1.058	1.102	0.932	0.990	0.997	1.002	1.005	1.012	1.002
12/31/2009	1.274	1.193	1.031	0.984	1.006	0.986	1.001	1.000	1.015	1.019	1.111
12/31/2010	1.402	1.095	1.033	0.999	0.924	0.984	1.001	1.001	0.992	1.006	
12/31/2011	1.338	1.280	1.020	0.962	0.985	0.994	1.010	1.032	0.992		
12/31/2012	1.460	1.296	1.014	1.013	0.972	0.995	1.042	0.986			
12/31/2013	1.485	1.372	1.067	1.025	0.992	1.032	0.982				
12/31/2014	1.380	1.359	1.136	0.961	1.045	1.007					
12/31/2015	1.376	1.320	1.097	0.986	0.995						
12/31/2016	1.412	1.322	1.065	1.035							
12/31/2017	1.553	1.366	1.082								
12/31/2018	1.450	1.261									
12/31/2019	1.440										
3 Yr Mean	1.481	1.316	1.081	0.994	1.011	1.011	1.011	1.006	1.000	1.012	1.037
Best 3/5	1.434	1.334	1.082	1.008	0.991	0.999	1.004	1.001	0.997	1.008	1.007

A.Y.E.	159:147	171:159	183:171	195:183	207:195	219:207	231:219	243:231
12/31/2001	1.005	1.015	1.017	0.994	1.013	0.999	1.000	0.999
12/31/2002	0.982	1.001	0.976	1.019	0.999	1.000	1.002	**1.000**
12/31/2003	1.006	0.985	1.005	1.010	0.998	1.005	**1.000**	**1.000**
12/31/2004	0.992	1.012	1.004	0.992	0.998	**1.000**	**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	0.994	1.000					
12/31/2007	1.027	1.015						
12/31/2008	1.000							
3 Yr Mean	1.013	1.003	1.000	1.002	*0.998*	*1.001*	*1.001*	*0.999*
Best 3/5	1.005	1.002	1.000	1.002	**1.000**	**1.000**	**1.000**	**1.000**

Development From

A.Y.E.	15/ 27	27/ 39	39/ 51	51/ 63	63/ 75	75/ 87	87/ 99	99/111	111/123	123/135	135/147
12/31/2016					0.991	0.999	1.004	1.001	0.997	1.008	1.007
12/31/2017				1.008	0.991	0.999	1.004	1.001	0.997	1.008	1.007
12/31/2018			1.082	1.008	0.991	0.999	1.004	1.001	0.997	1.008	1.007
12/31/2019		1.334	1.082	1.008	0.991	0.999	1.004	1.001	0.997	1.008	1.007
12/31/2020	1.434	1.334	1.082	1.008	0.991	0.999	1.004	1.001	0.997	1.008	1.007

A.Y.E.	147/159	159/171	171/183	183/195	195/207	207/219	219/231	231/243	243/Ult		FACTORS
12/31/2016	1.005	1.002	1.000	1.002	1.000	1.000	1.000	1.000	**1.000**		1.016
12/31/2017	1.005	1.002	1.000	1.002	1.000	1.000	1.000	1.000	**1.000**		1.024
12/31/2018	1.005	1.002	1.000	1.002	1.000	1.000	1.000	1.000	**1.000**		1.108
12/31/2019	1.005	1.002	1.000	1.002	1.000	1.000	1.000	1.000	**1.000**		1.478
12/31/2020	1.005	1.002	1.000	1.002	1.000	1.000	1.000	1.000	**1.000**		2.120

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
12/31/2001	466,881	955,054	1,347,676	1,745,986	1,520,822	1,406,122	1,605,191	1,575,051	1,613,422	1,530,487	1,551,486
12/31/2002	467,959	1,076,039	1,549,613	1,477,701	1,714,419	1,710,652	1,780,327	1,608,378	1,581,451	1,583,846	1,581,501
12/31/2003	629,311	907,066	948,324	1,450,260	1,189,619	1,171,082	1,290,531	1,282,199	1,284,674	1,290,423	1,292,534
12/31/2004	1,258,610	1,527,766	1,937,490	2,217,268	2,161,024	2,124,548	2,087,537	2,157,976	2,156,781	2,158,245	2,158,449
12/31/2005	884,122	1,158,130	1,868,268	1,875,598	1,295,577	1,295,611	1,335,361	1,266,520	1,165,384	1,161,618	1,166,118
12/31/2006	1,338,134	1,847,729	2,193,955	1,934,916	1,674,474	1,606,230	1,540,979	1,588,428	1,488,511	1,493,011	1,520,569
12/31/2007	1,684,108	2,251,357	2,091,769	2,255,984	2,321,204	1,951,657	1,958,756	2,069,133	2,073,533	2,098,533	2,108,808
12/31/2008	1,135,792	1,533,206	1,936,711	1,984,123	2,050,342	2,100,969	2,216,483	2,184,750	2,109,751	2,097,401	2,195,175
12/31/2009	907,444	1,159,006	1,355,320	1,419,126	1,653,640	1,800,181	1,744,942	1,739,943	1,832,169	1,929,942	1,930,342
12/31/2010	1,027,500	1,738,516	1,635,305	1,763,205	1,847,142	1,945,049	1,898,380	1,800,604	2,389,523	2,035,471	2,000,471
12/31/2011	1,212,733	1,745,976	2,008,813	1,721,345	1,697,374	1,702,123	1,800,124	1,807,222	1,777,122	1,778,122	
12/31/2012	959,232	1,255,525	1,662,545	1,386,787	1,260,935	1,482,870	1,503,444	1,440,149	1,430,149		
12/31/2013	743,389	1,164,532	1,333,962	1,554,424	1,636,437	1,696,686	1,738,135	1,660,135			
12/31/2014	592,767	1,205,729	1,509,544	1,687,940	1,751,715	1,674,637	1,670,637				
12/31/2015	866,547	1,281,265	1,269,836	1,481,847	1,727,966	1,707,768					
12/31/2016	862,177	934,064	1,285,332	1,400,626	1,319,743						
12/31/2017	419,615	1,321,622	1,697,224	1,853,799							
12/31/2018	841,713	793,494	1,482,182								
12/31/2019	1,098,916	1,243,452									
12/31/2020	583,842										

A.Y.E.	147 Months	159 Months	171 Months	183 Months	195 Months	207 Months	219 Months	231 Months	243 Months
12/31/2001	1,573,861	1,535,611	1,545,465	1,542,703	1,538,704	1,545,303	1,538,703	1,542,003	1,542,003
12/31/2002	1,581,501	1,582,131	1,606,230	1,608,931	1,608,930	1,633,930	1,614,100	1,614,100	
12/31/2003	1,292,550	1,292,649	1,295,350	1,295,349	1,295,349	1,295,394	1,295,394		
12/31/2004	2,157,552	2,160,253	2,160,252	2,160,252	2,161,197	2,164,938			
12/31/2005	1,168,827	1,168,919	1,168,818	1,168,863	1,168,963				
12/31/2006	1,495,368	1,495,368	1,495,413	1,495,413					
12/31/2007	2,126,033	2,136,078	2,091,078						
12/31/2008	2,195,475	2,196,475							
12/31/2009	1,932,842								

Products (Subline Code 336)
Deductible
Multistate

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

Link Ratios

A.Y.E.	27:15	39:27	51:39	63:51	75:63	87:75	99:87	111:99	123:111	135:123	147:135
12/31/2001	2.046	1.411	1.296	0.871	0.925	1.142	0.981	1.024	0.949	1.014	1.014
12/31/2002	2.299	1.440	0.954	1.160	0.998	1.142	0.903	0.983	1.002	0.999	1.000
12/31/2003	1.441	1.045	1.529	0.820	0.984	1.102	0.994	1.002	1.004	1.002	1.000
12/31/2004	1.214	1.268	1.144	0.975	0.983	1.142	1.034	0.999	1.001	1.000	1.000
12/31/2005	1.310	1.613	1.004	0.691	1.000	1.031	0.948	0.920	0.997	1.004	1.002
12/31/2006	1.381	1.187	0.882	0.865	0.959	0.959	1.031	0.937	1.003	1.018	0.983
12/31/2007	1.337	0.929	1.079	1.029	0.841	1.004	1.056	1.002	1.012	1.005	1.008
12/31/2008	1.350	1.263	1.024	1.033	1.025	1.055	0.986	0.966	0.994	1.047	1.000
12/31/2009	1.277	1.169	1.047	1.165	1.089	0.969	0.997	1.053	1.053	1.000	1.001
12/31/2010	1.692	0.941	1.078	1.048	1.053	0.976	0.948	1.327	0.852	0.983	
12/31/2011	1.440	1.151	0.857	0.986	1.003	1.058	1.004	0.983	1.001		
12/31/2012	1.309	1.324	0.834	0.909	1.176	1.014	0.958	0.993			
12/31/2013	1.567	1.145	1.165	1.053	1.037	1.024	0.955				
12/31/2014	2.034	1.252	1.118	1.038	0.956	0.998					
12/31/2015	1.479	0.991	1.167	1.166	0.988						
12/31/2016	1.083	1.376	1.090	0.942							
12/31/2017	3.150	1.284	1.092								
12/31/2018	0.943	1.868									
12/31/2019	1.132										
3 Yr Mean	1.742	1.509	1.116	1.049	0.994	1.012	0.972	1.101	0.969	1.010	1.003
Best 3/5	1.231	1.304	1.125	1.011	1.009	1.012	0.970	1.010	1.002	1.008	1.001

A.Y.E.	159:147	171:159	183:171	195:183	207:195	219:207	231:219	243:231
12/31/2001	0.976	1.006	0.998	0.997	1.004	0.996	1.002	1.000
12/31/2002	1.000	1.015	1.002	1.000	1.016	0.988	1.000	**1.000**
12/31/2003	1.000	1.002	1.000	1.000	1.000	1.000	**0.999**	**1.000**
12/31/2004	1.001	1.000	1.000	1.000	1.002	**1.002**	**0.999**	**1.000**
12/31/2005	1.000	1.000	1.000	1.000	**1.000**	**1.002**	**0.999**	**1.000**
12/31/2006	1.000	1.000	1.000					
12/31/2007	1.005	0.979						
12/31/2008	1.000							
3 Yr Mean	1.002	0.993	1.000	1.000	*1.006*	*0.995*	*1.001*	*1.000*
Best 3/5	1.000	1.000	1.000	1.000	**1.002**	**0.999**	**0.999**	**1.000**

Development From

A.Y.E.	15/ 27	27/ 39	39/ 51	51/ 63	63/ 75	75/ 87	87/ 99	99/111	111/123	123/135	135/147
12/31/2016					1.009	1.012	0.970	1.010	1.002	1.008	1.001
12/31/2017				1.011	1.009	1.012	0.970	1.010	1.002	1.008	1.001
12/31/2018			1.125	1.011	1.009	1.012	0.970	1.010	1.002	1.008	1.001
12/31/2019		1.304	1.125	1.011	1.009	1.012	0.970	1.010	1.002	1.008	1.001
12/31/2020	1.231	1.304	1.125	1.011	1.009	1.012	0.970	1.010	1.002	1.008	1.001

A.Y.E.	147/159	159/171	171/183	183/195	195/207	207/219	219/231	231/243	243/Ult		FACTORS
12/31/2016	1.000	1.000	1.000	1.000	1.002	0.999	0.999	1.000	**0.999**		1.010
12/31/2017	1.000	1.000	1.000	1.000	1.002	0.999	0.999	1.000	**0.999**		1.022
12/31/2018	1.000	1.000	1.000	1.000	1.002	0.999	0.999	1.000	**0.999**		1.149
12/31/2019	1.000	1.000	1.000	1.000	1.002	0.999	0.999	1.000	**0.999**		1.499
12/31/2020	1.000	1.000	1.000	1.000	1.002	0.999	0.999	1.000	**0.999**		1.845

Bold - Calculated Using Modified Bondy Method
Italics - Three year mean Excludes Modified Bondy ratios

Products (Subline Code 336)
Full Coverage
Multistate

Bodily Injury - Occurrence
Incurred Accident Year ALAE Development

Allocated Expenses as of:

A.Y.E.	15 Months	27 Months	39 Months	51 Months	63 Months	75 Months	87 Months	99 Months	111 Months	123 Months	135 Months
12/31/2001	1,888,192	5,188,885	8,005,033	9,932,916	12,910,820	14,372,356	16,121,407	17,693,117	18,013,821	17,970,847	18,253,072
12/31/2002	1,252,503	3,323,891	7,518,848	11,824,013	15,029,171	18,065,862	18,032,904	18,729,828	19,140,723	19,524,989	19,628,503
12/31/2003	1,327,084	4,057,802	8,522,769	14,428,918	18,997,777	20,955,523	21,588,557	22,970,932	22,702,728	23,776,282	24,859,403
12/31/2004	1,155,256	2,905,921	6,285,165	10,426,227	13,020,260	12,747,859	14,042,816	14,867,455	15,754,503	15,901,902	16,429,829
12/31/2005	1,511,095	3,385,395	5,978,795	8,342,092	10,613,154	11,738,476	11,777,273	12,106,776	12,314,855	12,744,351	12,681,683
12/31/2006	1,896,772	6,444,399	8,725,491	11,476,951	13,475,057	15,201,037	17,811,235	19,047,317	18,133,236	18,189,808	18,182,982
12/31/2007	2,267,832	6,207,455	9,444,460	12,776,350	15,659,939	17,238,578	18,347,111	18,557,973	18,683,105	23,009,664	23,016,887
12/31/2008	1,678,203	4,310,266	8,305,645	13,838,977	18,055,357	20,179,365	20,195,795	20,556,599	20,896,038	21,053,910	21,174,939
12/31/2009	3,160,956	5,432,240	9,747,898	12,370,553	14,721,380	15,758,485	15,795,817	16,060,479	16,085,872	16,227,549	16,430,913
12/31/2010	2,033,192	5,575,013	9,606,549	14,746,727	16,969,102	17,721,048	17,909,802	18,075,589	18,196,350	18,474,670	18,433,458
12/31/2011	2,336,245	5,154,182	9,286,512	12,745,461	14,544,015	16,106,937	17,198,478	17,034,726	17,562,230	17,718,922	
12/31/2012	2,619,423	7,532,391	15,461,014	20,282,209	23,908,292	26,761,828	27,393,058	28,322,369	27,900,937		
12/31/2013	1,524,272	4,845,934	8,367,384	10,962,122	13,120,939	14,088,483	14,867,800	15,366,756			
12/31/2014	1,430,946	3,948,620	7,941,203	11,959,609	14,665,914	15,961,759	17,075,659				
12/31/2015	2,026,886	4,205,854	7,165,837	11,344,266	14,316,601	17,113,469					
12/31/2016	1,450,415	3,313,353	7,450,421	10,560,009	12,015,876						
12/31/2017	1,186,413	3,391,926	8,086,123	11,706,208							
12/31/2018	2,086,712	5,295,869	9,241,930								
12/31/2019	1,037,480	3,036,476									
12/31/2020	1,023,651										

A.Y.E	147 Months	159 Months	171 Months	183 Months	195 Months	207 Months	219 Months	231 Months	243 Months
12/31/2001	18,453,174	18,704,029	18,920,128	19,218,370	19,346,104	19,574,992	19,642,623	19,758,263	20,024,800
12/31/2002	21,744,172	21,885,696	21,798,782	21,099,552	21,148,447	21,578,592	21,841,436	21,833,021	
12/31/2003	24,858,451	25,161,175	24,175,366	24,337,820	24,371,972	24,433,936	24,473,161		
12/31/2004	16,656,840	17,301,487	17,424,646	17,682,102	17,574,094	17,730,952			
12/31/2005	12,799,368	12,886,694	12,939,289	12,994,348	13,053,603				
12/31/2006	18,121,175	18,297,053	18,375,054	18,459,953					
12/31/2007	23,118,068	23,533,784	24,064,852						
12/31/2008	21,449,500	21,904,329							
12/31/2009	16,648,623								

Products (Subline Code 336)
Full Coverage
Multistate

Bodily Injury - Occurrence
Incurred Accident Year Incremental ALAE Development

Increments

A.Y.E.	27:15	39:27	51:39	63:51	75:63	87:75	99:87	111:99	123:111	135:123	147:135	159:147	171:159
12/31/2001	3,300,693	2,816,148	1,927,883	2,977,904	1,461,536	1,749,051	1,571,710	320,704	-42,974	282,225	200,102	250,855	216,099
12/31/2002	2,071,388	4,194,957	4,305,165	3,205,158	3,036,691	-32,958	696,924	410,895	384,266	103,514	2,115,669	141,524	-86,914
12/31/2003	2,730,718	4,464,967	5,906,149	4,568,859	1,957,746	633,034	1,382,375	-268,204	1,073,554	1,083,121	-952	302,724	-985,809
12/31/2004	1,750,665	3,379,244	4,141,062	2,594,033	-272,401	1,294,957	824,639	887,048	147,399	527,927	227,011	644,647	123,159
12/31/2005	1,874,300	2,593,400	2,363,297	2,271,062	1,125,322	38,797	329,503	208,079	429,496	-62,668	117,685	87,326	52,595
12/31/2006	4,547,627	2,281,092	2,751,460	1,998,106	1,725,980	2,610,198	1,236,082	-914,081	56,572	-6,826	-61,807	175,878	78,001
12/31/2007	3,939,623	3,237,005	3,331,890	2,883,589	1,578,639	1,108,533	210,862	125,132	4,326,559	7,223	101,181	415,716	531,068
12/31/2008	2,632,063	3,995,379	5,533,332	4,216,380	2,124,008	16,430	360,804	339,439	157,872	121,029	274,561	454,829	
12/31/2009	2,271,284	4,315,658	2,622,655	2,350,827	1,037,105	37,332	264,662	25,393	141,677	203,364	217,710		
12/31/2010	3,541,821	4,031,536	5,140,178	2,222,375	751,946	188,754	165,787	120,761	278,320	-41,212			
12/31/2011	2,817,937	4,132,330	3,458,949	1,798,554	1,562,922	1,091,541	-163,752	527,504	156,692				
12/31/2012	4,912,968	7,928,623	4,821,195	3,626,089	2,853,530	631,230	929,311	-421,432					
12/31/2013	3,321,662	3,521,450	2,594,738	2,158,817	967,544	779,317	498,956						
12/31/2014	2,517,674	3,992,583	4,018,406	2,706,305	1,295,845	1,113,900							
12/31/2015	2,178,968	2,959,983	4,178,429	2,972,335	2,796,868								
12/31/2016	1,862,938	4,137,068	3,109,588	1,455,867									
12/31/2017	2,205,513	4,694,197	3,620,085										
12/31/2018	3,209,157	3,946,061											
12/31/2019	1,998,996												

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
12/31/2001	0.1009	0.0861	0.0589	0.0911	0.0447	0.0535	0.0481	0.0098	-0.0013	0.0086	0.0061	0.0077	0.0066
12/31/2002	0.0766	0.1551	0.1592	0.1185	0.1123	-0.0012	0.0258	0.0152	0.0142	0.0038	0.0782	0.0052	-0.0032
12/31/2003	0.0965	0.1577	0.2086	0.1614	0.0692	0.0224	0.0488	-0.0095	0.0379	0.0383	0.0000	0.0107	-0.0348
12/31/2004	0.0697	0.1346	0.1649	0.1033	-0.0108	0.0516	0.0328	0.0353	0.0059	0.0210	0.0090	0.0257	0.0049
12/31/2005	0.0661	0.0914	0.0833	0.0801	0.0397	0.0014	0.0116	0.0073	0.0151	-0.0022	0.0041	0.0031	0.0019
12/31/2006	0.1401	0.0703	0.0848	0.0616	0.0532	0.0804	0.0381	-0.0282	0.0017	-0.0002	-0.0019	0.0054	0.0024
12/31/2007	0.1080	0.0887	0.0913	0.0791	0.0433	0.0304	0.0058	0.0034	0.1186	0.0002	0.0028	0.0114	0.0146
12/31/2008	0.0776	0.1177	0.1631	0.1243	0.0626	0.0005	0.0106	0.0100	0.0047	0.0036	0.0081	0.0134	
12/31/2009	0.0641	0.1218	0.0740	0.0663	0.0293	0.0011	0.0075	0.0007	0.0040	0.0057	0.0061		
12/31/2010	0.1112	0.1266	0.1614	0.0698	0.0236	0.0059	0.0052	0.0038	0.0087	-0.0013			
12/31/2011	0.1052	0.1543	0.1292	0.0672	0.0584	0.0408	-0.0061	0.0197	0.0059				
12/31/2012	0.1488	0.2402	0.1460	0.1098	0.0864	0.0191	0.0282	-0.0128					
12/31/2013	0.1191	0.1262	0.0930	0.0774	0.0347	0.0279	0.0179						
12/31/2014	0.0765	0.1214	0.1221	0.0823	0.0394	0.0339							
12/31/2015	0.0894	0.1214	0.1714	0.1219	0.1147								
12/31/2016	0.0767	0.1703	0.1280	0.0599									
12/31/2017	0.0720	0.1533	0.1182										
12/31/2018	0.0985	0.1211											
12/31/2019	0.0871												
Best 3/5	0.0844	0.1320	0.1228	0.0898	0.0614	0.0270	0.0102	0.0048	0.0064	0.0012	0.0043	0.0101	0.0031

Products (Subline Code 336)
Full Coverage
Multistate

Bodily Injury - Occurrence
Incurred Accident Year ALAE Development

Link Ratios

A.Y.E.	183:171	195:183	207:195	219:207	231:219	243:231	Ult:243
12/31/2001	1.016	1.007	1.012	1.003	1.006	1.013	**1.016**
12/31/2002	0.968	1.002	1.020	1.012	1.000	**1.004**	**1.016**
12/31/2003	1.007	1.001	1.003	1.002	**1.005**	**1.004**	**1.016**
12/31/2004	1.015	0.994	1.009	**1.008**	**1.005**	**1.004**	**1.016**
12/31/2005	1.004	1.005	**1.002**	**1.008**	**1.005**	**1.004**	**1.016**
12/31/2006	1.005						
Best 3/5	1.005	1.003	**1.008**	**1.006**	**1.005**	**1.004**	**1.016**

171 to Ultimate Factors :   1.048

Cumulative Incremental Factors

Months-to-Ultimate	15	27	39	51	63	75	87
	0.558	0.473	0.341	0.218	0.129	0.067	0.040

Months-to-Ultimate	99	111	123	135	147	159	171
	0.030	0.025	0.019	0.018	0.013	0.003	0.000

A.Y.E.	Reported ALAE as of 3/31/2021	$500,000 Ultimate Indemnity	ALAE Factor	Additional ALAE	ALAE at 171 Months	171-Ultimate Factor	Ultimate ALAE
12/31/2018	9,913,169	31,258,420	0.341	10,662,247	20,575,416	1.048	21,563,036
12/31/2019	3,364,812	21,248,931	0.473	10,052,869	13,417,681	1.048	14,061,730
12/31/2020	1,216,259	21,350,983	0.558	11,903,173	13,119,432	1.048	13,749,165

Bold - Calculated Using Modified Bondy Method

Products (Subline Code 336)
Full Coverage
Multistate

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

$100,000 Basic Limit Losses as of :

A.Y.E.	15 Months	27 Months	39 Months	51 Months	63 Months	75 Months	87 Months	99 Months	111 Months	123 Months	135 Months
12/31/2001	10,484,169	13,439,556	17,411,342	18,521,740	18,357,841	18,939,583	20,038,360	19,769,353	20,133,519	20,395,654	20,561,632
12/31/2002	8,958,446	13,753,799	16,589,275	16,210,935	16,033,400	17,161,653	17,354,195	17,648,919	17,790,403	18,059,368	18,556,236
12/31/2003	10,606,112	12,329,144	14,427,267	15,649,573	16,964,549	18,240,131	18,539,611	19,129,299	19,792,506	20,093,891	20,179,574
12/31/2004	9,731,164	11,991,183	13,368,941	13,590,018	15,103,685	15,171,777	15,635,711	15,872,511	15,963,294	16,317,655	16,482,926
12/31/2005	11,244,169	13,396,207	13,309,530	13,958,786	14,322,543	14,816,851	14,774,414	15,766,602	15,758,649	16,388,359	16,534,725
12/31/2006	12,084,985	13,657,481	14,743,350	14,977,044	16,221,369	16,725,031	17,278,003	18,941,126	19,421,250	19,247,318	19,388,287
12/31/2007	16,872,223	19,266,379	20,093,723	20,252,371	21,375,678	21,983,570	23,213,035	23,821,431	24,085,980	24,923,056	25,461,096
12/31/2008	16,587,864	19,230,902	20,612,198	21,585,628	22,604,827	23,759,747	24,369,252	24,815,239	25,357,760	25,957,959	26,176,769
12/31/2009	18,572,467	21,321,943	23,145,778	23,074,060	23,274,712	24,142,743	23,759,219	24,420,595	24,874,691	24,767,015	25,073,759
12/31/2010	17,894,193	20,442,095	21,769,896	22,206,822	22,232,285	22,884,066	22,951,062	23,507,193	23,917,745	24,121,002	24,035,379
12/31/2011	14,579,951	16,137,815	16,922,777	18,078,014	18,467,561	18,993,136	19,540,034	20,208,979	20,405,795	20,528,178	
12/31/2012	15,141,051	16,384,667	18,126,415	20,331,739	20,702,553	21,029,146	21,341,877	21,554,148	21,675,242		
12/31/2013	13,729,979	16,333,181	17,746,033	17,975,632	18,744,616	19,170,140	19,430,193	18,838,016			
12/31/2014	13,201,449	15,348,488	16,761,410	16,817,773	17,106,060	17,077,977	17,295,923				
12/31/2015	13,604,844	14,539,148	14,807,176	15,405,779	16,770,346	15,873,146					
12/31/2016	13,676,731	16,381,745	17,983,581	18,631,494	18,709,530						
12/31/2017	13,227,586	16,963,644	18,049,338	18,504,595							
12/31/2018	12,755,097	14,486,626	15,765,494								
12/31/2019	14,750,424	16,206,519									
12/31/2020	10,007,753										

A.Y.E	147 Months	159 Months	171 Months	183 Months	195 Months	207 Months	219 Months	231 Months	243 Months
12/31/2001	20,667,087	20,453,920	20,312,800	20,262,473	20,212,813	20,209,651	20,209,351	20,209,349	20,209,348
12/31/2002	18,600,526	18,629,509	18,730,231	18,835,328	18,876,117	18,818,105	18,829,605	18,890,155	
12/31/2003	20,658,739	20,444,730	20,414,567	20,604,803	20,436,841	20,475,516	20,497,147		
12/31/2004	16,700,072	16,660,038	16,813,732	16,574,408	16,469,420	16,469,409			
12/31/2005	16,672,165	16,565,624	16,861,914	16,663,132	16,681,308				
12/31/2006	19,480,004	19,829,579	19,789,062	19,751,553					
12/31/2007	25,637,500	25,542,106	25,372,160						
12/31/2008	26,231,464	26,358,870							
12/31/2009	25,371,912								

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
12/31/2001	1.282	1.296	1.064	0.991	1.032	1.058	0.987	1.018	1.013	1.008	1.005
12/31/2002	1.535	1.206	0.977	0.989	1.070	1.058	1.017	1.008	1.015	1.028	1.002
12/31/2003	1.162	1.170	1.085	1.084	1.075	1.016	1.032	1.035	1.015	1.004	1.024
12/31/2004	1.232	1.115	1.017	1.111	1.005	1.016	1.015	1.006	1.022	1.010	1.013
12/31/2005	1.191	0.994	1.049	1.026	1.035	0.997	1.067	0.999	1.040	1.009	1.008
12/31/2006	1.130	1.080	1.016	1.083	1.031	1.033	1.096	1.025	0.991	1.007	1.005
12/31/2007	1.142	1.043	1.008	1.055	1.028	1.056	1.026	1.011	1.035	1.022	1.007
12/31/2008	1.159	1.072	1.047	1.047	1.051	1.026	1.018	1.022	1.024	1.008	1.002
12/31/2009	1.148	1.086	0.997	1.009	1.037	0.984	1.028	1.019	0.996	1.012	1.012
12/31/2010	1.142	1.065	1.020	1.001	1.029	1.003	1.024	1.017	1.008	0.996	
12/31/2011	1.107	1.049	1.068	1.022	1.028	1.029	1.034	1.010	1.006		
12/31/2012	1.082	1.106	1.122	1.018	1.016	1.015	1.010	1.006			
12/31/2013	1.190	1.087	1.013	1.043	1.023	1.014	0.970				
12/31/2014	1.163	1.092	1.003	1.017	0.998	1.013					
12/31/2015	1.069	1.018	1.040	1.089	0.947						
12/31/2016	1.198	1.098	1.036	1.004							
12/31/2017	1.282	1.064	1.025								
12/31/2018	1.136	1.088									
12/31/2019	1.099										
3 Yr Mean	1.172	1.083	1.034	1.037	0.989	1.014	1.005	1.011	1.003	1.005	1.007
Best 3/5	1.144	1.081	1.025	1.026	1.012	1.014	1.021	1.015	1.013	1.009	1.007

A.Y.E.	159:147	171:159	183:171	195:183	207:195	219:207	231:219	243:231
12/31/2001	0.990	0.993	0.998	0.998	1.000	1.000	1.000	1.000
12/31/2002	1.002	1.005	1.006	1.002	0.997	1.000	1.003	**1.000**
12/31/2003	0.990	0.999	1.009	0.992	1.002	1.001	**1.000**	**1.000**
12/31/2004	0.998	1.009	0.986	0.994	1.000	**1.001**	**1.000**	**1.000**
12/31/2005	0.994	1.018	0.988	1.001	**0.998**	**1.000**	**1.000**	**1.000**
12/31/2006	1.018	0.998	0.998					
12/31/2007	0.996	0.993						
12/31/2008	1.005							
3 Yr Mean	1.006	1.003	0.991	0.996	*1.000*	*1.000*	*1.002*	*1.000*
Best 3/5	1.000	1.002	0.997	0.998	**0.999**	**1.000**	**1.000**	**1.000**

Development From

A.Y.E.	15/ 27	27/ 39	39/ 51	51/ 63	63/ 75	75/ 87	87/ 99	99/111	111/123	123/135	135/147
12/31/2016					1.012	1.014	1.021	1.015	1.013	1.009	1.007
12/31/2017				1.026	1.012	1.014	1.021	1.015	1.013	1.009	1.007
12/31/2018			1.025	1.026	1.012	1.014	1.021	1.015	1.013	1.009	1.007
12/31/2019		1.081	1.025	1.026	1.012	1.014	1.021	1.015	1.013	1.009	1.007
12/31/2020	1.144	1.081	1.025	1.026	1.012	1.014	1.021	1.015	1.013	1.009	1.007

A.Y.E	147/159	159/171	171/183	183/195	195/207	207/219	219/231	231/243	243/Ult		FACTORS
12/31/2016	1.000	1.002	0.997	0.998	0.999	1.000	1.000	1.000	**1.001**		1.091
12/31/2017	1.000	1.002	0.997	0.998	0.999	1.000	1.000	1.000	**1.001**		1.120
12/31/2018	1.000	1.002	0.997	0.998	0.999	1.000	1.000	1.000	**1.001**		1.148
12/31/2019	1.000	1.002	0.997	0.998	0.999	1.000	1.000	1.000	**1.001**		1.241
12/31/2020	1.000	1.002	0.997	0.998	0.999	1.000	1.000	1.000	**1.001**		1.419

Bold - Calculated Using Modified Bondy Method
Italics - Three year mean Excludes Modified Bondy ratios

Products (Subline Code 336)
Deductible
Multistate

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

$100,000 Basic Limit Losses as of :

A.Y.E.	15 Months	27 Months	39 Months	51 Months	63 Months	75 Months	87 Months	99 Months	111 Months	123 Months	135 Months
12/31/2001	1,366,432	1,675,828	2,293,400	2,543,357	2,469,115	2,783,390	3,211,303	3,777,116	3,985,757	4,032,038	4,176,433
12/31/2002	779,522	1,307,175	1,538,822	1,804,621	2,384,574	2,527,744	2,620,769	2,731,211	3,196,494	3,191,785	3,230,763
12/31/2003	1,026,684	1,034,027	955,302	1,103,797	1,141,948	1,281,815	1,632,347	1,643,422	1,672,984	1,835,342	2,048,661
12/31/2004	696,110	1,281,192	1,585,834	1,326,016	1,094,795	1,146,543	1,132,094	1,107,623	1,185,272	1,282,610	1,307,803
12/31/2005	1,635,000	2,721,317	2,668,072	2,882,609	2,769,769	2,636,045	2,997,964	3,008,654	3,083,529	3,008,846	2,964,038
12/31/2006	2,607,136	3,711,160	4,257,634	4,007,261	3,946,398	4,083,877	4,521,731	4,593,014	4,719,713	4,848,662	4,882,746
12/31/2007	3,049,332	2,837,584	2,698,276	2,799,238	3,016,337	3,052,688	3,046,919	3,298,095	3,414,070	3,429,980	3,550,516
12/31/2008	2,282,797	2,499,125	2,972,871	3,089,883	2,883,559	2,941,865	3,108,757	3,196,896	3,207,092	3,127,305	3,234,304
12/31/2009	3,163,222	3,137,127	2,806,174	2,865,749	3,034,094	3,254,704	3,163,657	3,289,765	3,338,514	3,525,894	3,589,263
12/31/2010	1,807,548	2,646,790	2,717,236	2,510,106	2,430,373	2,468,903	2,453,913	2,390,847	2,440,860	2,675,760	2,555,598
12/31/2011	3,159,329	3,157,679	2,988,663	2,994,360	3,172,231	3,085,236	3,047,399	3,046,922	3,051,898	3,066,897	
12/31/2012	2,559,222	2,723,442	2,788,834	2,696,719	2,808,751	2,586,517	2,599,872	2,632,528	2,632,528		
12/31/2013	3,175,746	3,218,089	3,110,378	3,149,197	3,128,615	3,202,816	3,214,639	3,264,639			
12/31/2014	2,597,652	2,870,798	3,043,160	3,240,228	3,239,709	3,243,042	3,387,126				
12/31/2015	2,275,911	2,231,603	2,705,933	2,762,694	2,850,759	2,894,753					
12/31/2016	2,053,376	2,429,634	2,280,561	2,435,631	2,586,328						
12/31/2017	1,826,649	2,313,112	2,793,835	3,079,113							
12/31/2018	2,253,276	3,213,073	3,249,645								
12/31/2019	2,092,797	2,117,837									
12/31/2020	1,683,859										

A.Y.E.	147 Months	159 Months	171 Months	183 Months	195 Months	207 Months	219 Months	231 Months	243 Months
12/31/2001	4,026,259	3,992,167	3,944,007	3,924,678	3,852,150	3,857,153	3,850,149	3,850,149	3,850,149
12/31/2002	2,960,936	2,926,145	2,875,045	2,865,045	2,867,379	2,865,543	2,865,443	2,850,443	
12/31/2003	2,131,790	2,160,027	2,102,480	2,100,604	2,099,102	2,099,102	2,099,102		
12/31/2004	1,278,002	1,330,003	1,325,002	1,324,902	1,332,902	1,339,570			
12/31/2005	2,974,038	3,012,402	3,071,870	3,032,870	3,032,870				
12/31/2006	4,897,461	4,880,058	4,772,674	4,774,173					
12/31/2007	3,429,477	3,404,756	3,404,728						
12/31/2008	3,200,204	3,191,204							
12/31/2009	3,608,683								

Products (Subline Code 336)
Deductible
Multistate

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

Link Ratios

A.Y.E.	27:15	39:27	51:39	63:51	75:63	87:75	99:87	111:99	123:111	135:123	147:135
12/31/2001	1.226	1.369	1.109	0.971	1.127	1.154	1.176	1.055	1.012	1.036	0.964
12/31/2002	1.677	1.177	1.173	1.321	1.060	1.015	1.042	1.170	0.999	1.012	0.916
12/31/2003	1.007	0.924	1.155	1.035	1.122	1.273	1.007	1.018	1.097	1.116	1.041
12/31/2004	1.841	1.238	0.836	0.826	1.047	1.015	0.978	1.070	1.082	1.020	0.977
12/31/2005	1.664	0.980	1.080	0.961	0.952	1.137	1.004	1.025	0.976	0.985	1.003
12/31/2006	1.423	1.147	0.941	0.985	1.035	1.107	1.016	1.028	1.027	1.007	1.003
12/31/2007	0.931	0.951	1.037	1.078	1.012	0.998	1.082	1.035	1.005	1.035	0.966
12/31/2008	1.095	1.190	1.039	0.933	1.020	1.057	1.028	1.003	0.975	1.034	0.989
12/31/2009	0.992	0.895	1.021	1.059	1.073	0.972	1.040	1.015	1.056	1.018	1.005
12/31/2010	1.464	1.027	0.924	0.968	1.016	0.994	0.974	1.021	1.096	0.955	
12/31/2011	0.999	0.946	1.002	1.059	0.973	0.988	1.000	1.002	1.005		
12/31/2012	1.064	1.024	0.967	1.042	0.921	1.005	1.013	1.000			
12/31/2013	1.013	0.967	1.012	0.993	1.024	1.004	1.016				
12/31/2014	1.105	1.060	1.065	1.000	1.001	1.044					
12/31/2015	0.981	1.213	1.021	1.032	1.015						
12/31/2016	1.183	0.939	1.068	1.062							
12/31/2017	1.266	1.208	1.102								
12/31/2018	1.426	1.011									
12/31/2019	1.012										
3 Yr Mean	1.235	1.053	1.064	1.031	1.013	1.018	1.010	1.008	1.052	1.002	0.987
Best 3/5	1.154	1.093	1.051	1.025	0.996	1.001	1.010	1.007	1.022	1.020	0.998

A.Y.E.	159:147	171:159	183:171	195:183	207:195	219:207	231:219	243:231
12/31/2001	0.992	0.988	0.995	0.982	1.001	0.998	1.000	1.000
12/31/2002	0.988	0.983	0.997	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	1.041	0.996	1.000	1.006	1.005	**1.000**	**1.000**	**1.000**
12/31/2005	1.013	1.020	0.987	1.000	**1.000**	**1.000**	**1.000**	**1.000**
12/31/2006	0.996	0.978	1.000					
12/31/2007	0.993	1.000						
12/31/2008	0.997							
3 Yr Mean	0.995	0.999	0.996	1.002	*1.001*	*0.999*	*0.998*	*1.000*
Best 3/5	1.002	0.991	0.999	1.000	**1.000**	**1.000**	**1.000**	**1.000**

Development From

A.Y.E.	15/ 27	27/ 39	39/ 51	51/ 63	63/ 75	75/ 87	87/ 99	99/111	111/123	123/135	135/147
12/31/2016					0.996	1.001	1.010	1.007	1.022	1.020	0.998
12/31/2017				1.025	0.996	1.001	1.010	1.007	1.022	1.020	0.998
12/31/2018			1.051	1.025	0.996	1.001	1.010	1.007	1.022	1.020	0.998
12/31/2019		1.093	1.051	1.025	0.996	1.001	1.010	1.007	1.022	1.020	0.998
12/31/2020	1.154	1.093	1.051	1.025	0.996	1.001	1.010	1.007	1.022	1.020	0.998

A.Y.E	147/159	159/171	171/183	183/195	195/207	207/219	219/231	231/243	243/Ult		FACTORS
12/31/2016	1.002	0.991	0.999	1.000	1.000	1.000	1.000	1.000	**1.000**		1.046
12/31/2017	1.002	0.991	0.999	1.000	1.000	1.000	1.000	1.000	**1.000**		1.073
12/31/2018	1.002	0.991	0.999	1.000	1.000	1.000	1.000	1.000	**1.000**		1.127
12/31/2019	1.002	0.991	0.999	1.000	1.000	1.000	1.000	1.000	**1.000**		1.232
12/31/2020	1.002	0.991	0.999	1.000	1.000	1.000	1.000	1.000	**1.000**		1.422

Bold - Calculated Using Modified Bondy Method
Italics - Three year mean Excludes Modified Bondy ratios

Products (Subline code 336)
Full Coverage
Multistate

Property Damage - Occurrence
Incurred Accident Year ALAE Development

Allocated Expenses as of:

A.Y.E.	15 Months	27 Months	39 Months	51 Months	63 Months	75 Months	87 Months	99 Months	111 Months	123 Months	135 Months
12/31/2001	1,870,905	3,330,287	5,607,833	8,836,915	12,180,921	14,365,745	16,754,201	17,710,125	18,257,007	18,847,207	18,891,311
12/31/2002	1,086,574	2,977,301	5,922,986	7,586,137	9,536,494	10,787,687	11,478,647	13,390,390	12,955,206	12,917,461	13,409,709
12/31/2003	1,545,837	3,776,739	6,332,824	10,331,513	12,208,241	14,110,385	15,852,535	16,914,534	19,493,193	20,824,334	21,682,636
12/31/2004	1,191,654	2,575,981	5,257,376	7,522,720	9,865,658	11,869,438	13,593,054	14,173,703	15,372,143	16,396,767	17,064,049
12/31/2005	1,977,102	4,310,346	7,424,579	7,514,793	8,976,563	10,294,639	12,643,919	14,179,630	15,249,917	16,346,078	17,418,745
12/31/2006	1,430,665	3,431,162	6,531,173	9,379,909	11,284,699	13,174,465	14,147,601	16,124,014	18,802,005	19,292,213	20,033,003
12/31/2007	1,941,501	3,898,480	5,921,586	9,136,147	11,332,849	13,209,223	14,555,603	16,713,543	17,733,702	19,141,716	20,452,785
12/31/2008	1,646,401	4,568,045	8,377,346	11,596,192	14,513,589	16,841,884	18,157,434	18,931,057	19,496,476	20,442,425	21,112,381
12/31/2009	4,257,808	9,311,113	15,522,500	18,803,488	22,106,070	25,967,575	27,159,307	28,617,049	30,155,187	30,844,210	31,151,695
12/31/2010	2,402,677	5,359,614	10,096,516	14,977,346	19,252,889	21,034,438	22,196,532	22,930,811	23,369,806	23,746,911	24,096,919
12/31/2011	2,476,069	4,520,136	8,121,651	11,251,509	14,164,424	16,809,502	18,201,831	19,763,508	20,425,589	20,717,161	
12/31/2012	3,065,270	7,730,596	12,947,530	19,770,948	21,692,383	24,079,757	28,144,477	33,867,378	38,759,879		
12/31/2013	2,815,014	6,132,874	9,587,563	13,400,981	15,983,890	18,045,979	21,345,455	21,694,141			
12/31/2014	3,290,997	5,856,537	8,836,623	11,396,292	13,559,390	14,502,694	15,903,099				
12/31/2015	2,490,793	5,087,253	8,134,204	10,482,511	13,134,854	14,037,615					
12/31/2016	4,333,614	9,929,930	16,200,594	19,123,692	22,803,127						
12/31/2017	2,686,162	4,743,970	8,097,713	10,938,951							
12/31/2018	2,429,571	4,383,046	7,249,184								
12/31/2019	2,722,196	5,470,666									
12/31/2020	1,873,868										

A.Y.E	147 Months	159 Months	171 Months	183 Months	195 Months	207 Months	219 Months	231 Months	243 Months
12/31/2001	19,088,440	19,467,141	19,979,790	20,012,421	19,996,754	20,009,920	20,013,111	20,018,065	20,031,776
12/31/2002	13,728,266	13,997,916	14,201,172	14,288,003	14,326,297	14,326,146	14,374,335	14,414,537	
12/31/2003	22,907,696	23,095,259	23,744,849	23,792,092	23,698,512	23,733,446	23,755,417		
12/31/2004	17,917,814	18,175,585	18,188,664	18,306,946	18,289,035	18,289,035			
12/31/2005	18,425,808	19,580,588	19,898,158	19,758,749	19,755,687				
12/31/2006	20,268,034	20,821,299	20,988,683	21,126,148					
12/31/2007	21,114,797	21,954,116	21,873,334						
12/31/2008	21,774,402	21,562,802							
12/31/2009	31,659,990								

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
12/31/2001	1,459,382	2,277,546	3,229,082	3,344,006	2,184,824	2,388,456	955,924	546,882	590,200	44,104	197,129	378,701	512,649
12/31/2002	1,890,727	2,945,685	1,663,151	1,950,357	1,251,193	690,960	1,911,743	-435,184	-37,745	492,248	318,557	269,650	203,256
12/31/2003	2,230,902	2,556,085	3,998,689	1,876,728	1,902,144	1,742,150	1,061,999	2,578,659	1,331,141	858,302	1,225,060	187,563	649,590
12/31/2004	1,384,327	2,681,395	2,265,344	2,342,938	2,003,780	1,723,616	580,649	1,198,440	1,024,624	667,282	853,765	257,771	13,079
12/31/2005	2,333,244	3,114,233	90,214	1,461,770	1,318,076	2,349,280	1,535,711	1,070,287	1,096,161	1,072,667	1,007,063	1,154,780	317,570
12/31/2006	2,000,497	3,100,011	2,848,736	1,904,790	1,889,766	973,136	1,976,413	438,995	490,208	740,790	235,031	553,265	167,384
12/31/2007	1,956,979	2,023,106	3,214,561	2,196,702	1,876,374	1,346,380	2,157,940	1,020,159	1,408,014	1,311,069	662,012	839,319	-80,782
12/31/2008	2,921,644	3,809,301	3,218,846	2,917,397	2,328,295	1,315,550	773,623	438,995	945,949	669,956	662,021	-211,600	
12/31/2009	5,053,305	6,211,387	3,280,988	3,302,582	3,861,505	1,191,732	1,457,742	1,538,138	689,023	307,485	508,295		
12/31/2010	2,956,937	4,736,902	4,880,830	4,275,543	1,781,549	1,162,094	734,279	438,995	377,105	350,008			
12/31/2011	2,044,067	3,601,515	3,129,858	2,912,915	2,645,078	1,392,329	1,561,677	662,081	291,572				
12/31/2012	4,665,326	5,216,934	6,823,418	1,921,435	2,387,374	4,064,720	5,722,901	4,892,501					
12/31/2013	3,317,860	3,454,689	3,813,418	2,582,909	2,062,089	3,299,476	348,686						
12/31/2014	2,565,540	2,980,086	2,559,669	2,163,098	943,304	1,400,405							
12/31/2015	2,596,460	3,046,951	2,348,307	2,652,343	902,761								
12/31/2016	5,596,316	6,270,664	2,923,098	3,679,435									
12/31/2017	2,057,808	3,353,743	2,841,238										
12/31/2018	1,953,475	2,866,138											
12/31/2019	2,748,470												

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
12/31/2001	0.0487	0.0761	0.1078	0.1117	0.0730	0.0798	0.0319	0.0183	0.0197	0.0015	0.0066	0.0126	0.0171
12/31/2002	0.0707	0.1101	0.0622	0.0729	0.0468	0.0258	0.0714	-0.0163	-0.0014	0.0184	0.0119	0.0101	0.0076
12/31/2003	0.0726	0.0832	0.1302	0.0611	0.0619	0.0567	0.0346	0.0840	0.0433	0.0279	0.0399	0.0061	0.0212
12/31/2004	0.0630	0.1220	0.1031	0.1066	0.0912	0.0784	0.0264	0.0545	0.0466	0.0304	0.0388	0.0117	0.0006
12/31/2005	0.0977	0.1304	0.0038	0.0612	0.0552	0.0983	0.0643	0.0448	0.0459	0.0449	0.0422	0.0483	0.0133
12/31/2006	0.0676	0.1047	0.0962	0.0643	0.0638	0.0329	0.0668	0.0905	0.0166	0.0250	0.0079	0.0187	0.0057
12/31/2007	0.0545	0.0563	0.0895	0.0611	0.0522	0.0375	0.0601	0.0284	0.0392	0.0365	0.0184	0.0234	-0.0022
12/31/2008	0.0716	0.0934	0.0789	0.0715	0.0571	0.0322	0.0190	0.0139	0.0232	0.0164	0.0162	-0.0052	
12/31/2009	0.1232	0.1514	0.0800	0.0805	0.0942	0.0291	0.0355	0.0375	0.0168	0.0075	0.0124		
12/31/2010	0.0818	0.1311	0.1351	0.1183	0.0493	0.0322	0.0203	0.0122	0.0104	0.0097			
12/31/2011	0.0634	0.1117	0.0971	0.0904	0.0821	0.0432	0.0485	0.0205	0.0090				
12/31/2012	0.1237	0.1383	0.1809	0.0509	0.0633	0.1078	0.1517	0.1297					
12/31/2013	0.1015	0.1057	0.1167	0.0791	0.0631	0.1010	0.0107						
12/31/2014	0.0744	0.0864	0.0742	0.0627	0.0274	0.0406							
12/31/2015	0.0928	0.1089	0.0840	0.0948	0.0323								
12/31/2016	0.1546	0.1732	0.0807	0.1016									
12/31/2017	0.0507	0.0826	0.0700										
12/31/2018	0.0675	0.0991											
12/31/2019	0.0779												
Best 3/5	0.0794	0.0981	0.0796	0.0789	0.0529	0.0616	0.0348	0.0240	0.0168	0.0170	0.0157	0.0179	0.0065

Products (Subline code 336)
Full Coverage
Multistate

Property Damage - Occurrence
Incurred Accident Year ALAE Development

Link Ratios

A.Y.E.	183:171	195:183	207:195	219:207	231:219	243:231	Ult:243
12/31/2001	1.002	0.999	1.001	1.000	1.000	1.001	**1.000**
12/31/2002	1.006	1.003	1.000	1.003	1.003	**1.000**	**1.000**
12/31/2003	1.002	0.996	1.001	1.001	**1.000**	**1.000**	**1.000**
12/31/2004	1.007	0.999	1.000	**1.000**	**1.000**	**1.000**	**1.000**
12/31/2005	0.993	1.000	**0.999**	**1.000**	**1.000**	**1.000**	**1.000**
12/31/2006	1.007						
Best 3/5	1.005	0.999	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**

171 to Ultimate Factors :   1.004

Cumulative Incremental Factors

Months-to-Ultimate	15	27	39	51	63	75	87
	0.583	0.504	0.406	0.326	0.247	0.194	0.133

Months-to-Ultimate	99	111	125	135	147	159	171
	0.098	0.074	0.057	0.040	0.024	0.007	0.000

A.Y.E.	Reported ALAE as of 3/31/2021	$500,000 Ultimate Indemnity	ALAE Factor	Additional ALAE	ALAE at 171 Months	171-Ultimate Factor	Ultimate ALAE
12/31/2018	8,300,798	31,148,492	0.406	12,636,943	20,937,741	1.004	21,021,492
12/31/2019	6,084,491	34,854,616	0.504	17,559,756	23,644,247	1.004	23,738,824
12/31/2020	2,190,934	24,685,203	0.583	14,396,410	16,587,344	1.004	16,653,694

Bold - Calculated Using Modified Bondy Method

Multistate Review of ULAE Experience
General Liability Including CMP Liability
Loss Adjustment Expense Special Call
Calendar Years 2016 - 2020

Item *	2016	2017	2018	2019	2020	2016 - 2020 Mean
1. Direct Losses Incurred	$25,294,920	$22,482,130	$26,488,833	$28,457,912	$27,645,568	
2. Allocated Loss Adjustment Expenses Incurred (ALAE)	$4,918,135	$5,837,815	$5,788,203	$5,769,832	$6,283,679	
3. Unallocated Loss Adjustment Expenses Incurred (ULAE)	$2,517,590	$2,283,529	$2,272,533	$2,770,296	$2,176,729	
4. Incurred Losses + ALAE [(1) + (2)]	$30,213,055	$28,319,945	$32,277,036	$34,227,744	$33,929,247	

Incurred Percentage

	2016	2017	2018	2019	2020	Mean
5. Ratio of ULAE to (Losses + ALAE) [(3)/(4)]	8.3%	8.1%	7.0%	8.1%	6.4%	7.6%
6. Selected	8.0% **					

Notes: All dollar amounts are displayed in thousands.

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

** 8.0% was selected due to consideration of the impact of Covid-19 in the most recent year.

PRODUCTS TREND SUMMARY

(1) <u>EXPOSURE TREND</u>   <u>PRODUCTS</u>

     Average Annual Percent Change

     a) 7/1/2018 to 7/1/2023 AYE 12/31/2018   + 2.0%
     b) 7/1/2019 to 7/1/2023 AYE 12/31/2019   + 2.2%
     c) 7/1/2020 to 7/1/2023 AYE 12/31/2020   + 3.1%

(2) <u>OCCURRENCE SEVERITY</u>   <u>BODILY INJURY</u>   <u>PROPERTY DAMAGE</u>

     a) Fitted
          All Years   + 5.5%   + 3.3%
          Eight Years   + 5.6%   + 3.1%
          Six Years   + 4.2%   + 4.2%

     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 12/31/2018, 12/31/2019 & 12/31/2020

(1)		(2) PRODUCTS CLASS GROUP SALES EXPOSURE	(1)		(2) PRODUCTS CLASS GROUP SALES EXPOSURE
YEAR ENDING QUARTER *		INDICES	YEAR ENDING QUARTER *		INDICES
2010	1	0.964	2017	1	1.032
	2	0.962		2	1.034
	3	0.962		3	1.037
	4	0.965		4	1.040
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		3P	1.094
	4	1.022		4P	1.108
2015	1	1.023	2022	1P	1.121
	2	1.026		2P	1.130
	3	1.027		3P	1.136
	4	1.029		4P	1.142
2016	1	1.030	2023	1P	1.148
	2	1.030		2P	1.153
	3	1.029		3P	1.158
	4	1.030		4P	1.162

CHANGE IN EXPOSURES		PRODUCTS
7/1/2018 to 7/1/2023	(2023:4/2018:4)	1.102
7/1/2019 to 7/1/2023	(2023:4/2019:4)	1.091
7/1/2020 to 7/1/2023	(2023:4/2020:4)	1.097

AVERAGE ANNUAL TREND FACTOR		
7/1/2018 to 7/1/2023	(5.0 YEARS)	1.020
7/1/2019 to 7/1/2023	(4.0 YEARS)	1.022
7/1/2020 to 7/1/2023	(3.0 YEARS)	1.031

* 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)	(2)	(3)	(4)	(5)		
Accident	Basic Limit		(2)/(3)	Exponential		
Year	Paid	Paid	Actual	Curve of		
Ending	Losses *	Occurrences	Severity	Best Fit to Col (4)		
				10 Year	8 Year	6 Year
12/31/2011	$25,567,441	1,024	$24,979	$27,199		
12/31/2012	$30,228,534	936	$32,295	$28,693		
12/31/2013	$21,801,736	779	$28,004	$30,269	$29,991	
12/31/2014	$19,600,131	605	$32,392	$31,931	$31,685	
12/31/2015	$18,032,275	520	$34,709	$33,685	$33,474	$34,881
12/31/2016	$19,207,980	543	$35,380	$35,535	$35,364	$36,363
12/31/2017	$19,139,199	495	$38,688	$37,487	$37,361	$37,907
12/31/2018	$16,614,720	428	$38,814	$39,546	$39,471	$39,517
12/31/2019	$20,444,368	442	$46,256	$41,718	$41,700	$41,195
12/31/2020	$14,208,971	360	$39,448	$44,009	$44,055	$42,944

Goodness of Fit Statistic, R-Squared:	0.818	0.804	0.579

Average Annual Severity Trend (10 yr)	+ 5.5%
Average Annual Severity Trend (8 yr)	+ 5.6%
Average Annual Severity Trend (6 yr)	+ 4.2%
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)	(2)	(3)	(4)	(5)		
Accident	Basic Limit		(2)/(3)	Exponential		
Year	Paid	Paid	Actual	Curve of		
Ending	Losses *	Occurrences	Severity	Best Fit to Col (4)		
				10 Year	8 Year	6 Year
12/31/2011	$43,845,999	1,300	$33,721	$40,279		
12/31/2012	$57,678,817	1,132	$50,953	$41,596		
12/31/2013	$45,655,569	986	$46,291	$42,955	$43,046	
12/31/2014	$39,957,092	939	$42,546	$44,359	$44,386	
12/31/2015	$34,459,795	864	$39,884	$45,809	$45,767	$44,372
12/31/2016	$47,960,734	925	$51,849	$47,306	$47,192	$46,229
12/31/2017	$46,506,226	879	$52,936	$48,853	$48,661	$48,163
12/31/2018	$36,479,557	825	$44,227	$50,449	$50,176	$50,177
12/31/2019	$44,192,163	808	$54,693	$52,098	$51,738	$52,277
12/31/2020	$32,698,009	613	$53,337	$53,801	$53,348	$54,464

	10 Year	8 Year	6 Year
Goodness of Fit Statistic, R-Squared:	0.389	0.393	0.362

Average Annual Severity Trend (10 yr)   + 3.3%
Average Annual Severity Trend (8 yr)   + 3.1%
Average Annual Severity Trend (6 yr)   + 4.2%

Selected Annual Severity Trend   + 4.5%

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

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

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 (3)/(2)[2]
12/31/2007	$ 92,380,295	3,254	35.23
12/31/2008	$ 98,395,881	3,139	31.91
12/31/2009	$ 108,116,496	3,587	33.18
12/31/2010	$ 114,328,504	3,655	31.97
12/31/2011	$ 115,607,217	3,381	29.25
12/31/2012	$ 117,119,861	3,108	26.54
12/31/2013	$ 116,622,163	2,959	25.37
12/31/2014	$ 118,157,101	2,605	22.04
12/31/2015	$ 124,823,644	2,368	18.97
12/31/2016	$ 129,040,336	2,345	18.17
12/31/2017	$ 133,262,962	2,272	17.05
12/31/2018	$ 131,177,854	2,060	15.70
12/31/2019	$ 134,297,739	2,107	15.69
12/31/2020	$ 132,388,226	1,714	12.95

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 * 1.005 * 0.878

	AYE 2020 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)	
10140	312110	1507139	0.75710	0.1557	0.939	1.009	0.890	0.022	0.020	-9.1	0.022	0.020	
10141	576933	3036695	0.94281	0.2308	0.966	1.038	0.915	0.023	0.021	-8.7	0.023	0.021	
12361	1919646	10157475	1.02903	0.4587	0.999	1.073	0.946	0.070	0.066	-5.7	0.070	0.066	
12373	55433	467650	1.24702	0.0942	0.999	1.073	0.946	0.023	0.022	-4.4	0.023	0.022	
13049	214723	1177578	0.48375	0.1353	0.907	0.974	0.859	0.051	0.044	-13.7	0.051	0.044	
13111	44054	258985	0.29043	0.0795	0.918	0.987	0.870	0.092	0.080	-13.0	0.092	0.080	
13112	1814831	9582065	0.81592	0.4446	0.903	0.970	0.856	0.063	0.054	-14.3	0.063	0.054	
13621	381736	1779698	1.57997	0.1765	1.080	1.160	1.023	0.330	0.340	3.0	0.330	0.340	
13670	337783	2009916	1.67225	0.1804	1.099	1.181	1.041	0.017	0.018	5.9	0.017	0.018	
15223	1228471	6779847	0.88645	0.3694	0.941	1.011	0.892	0.044	0.039	-11.4	0.044	0.039	
15406	284552	1701380	1.79951	0.1645	1.109	1.191	1.051	0.053	0.056	5.7	0.053	0.056	
16604	1101229	5785883	0.64008	0.3372	0.861	0.925	0.816	0.122	0.100	-18.0	0.122	0.100	
51300	0	28609	0.00000	0.0649	0.910	0.977	0.862	0.147	0.127	-13.6	0.147	0.127	
51305	15883	75266	0.04171	0.0676	0.910	0.977	0.862	0.880	0.760	-13.6	0.880	0.760	
51315	806813	4163443	0.63008	0.2781	0.877	0.943	0.832	0.096	0.080	-16.7	0.096	0.080	
51350	135131	839558	0.81286	0.1155	0.954	1.025	0.904	0.127	0.115	-9.5	0.127	0.115	
51351	71314	234087	0.89136	0.0781	0.966	1.038	0.916	0.049	0.045	-8.2	0.049	0.045	
51352	116492	540048	0.67935	0.0973	0.944	1.014	0.895	0.101	0.090	-10.9	0.101	0.090	
51355	156365	847061	0.79866	0.1160	0.953	1.023	0.903	0.091	0.082	-9.9	0.091	0.082	
51356	72297	343582	0.00586	0.0849	0.891	0.957	0.844	0.560	0.470	-16.1	0.560	0.470	
51357	9031	39321	10.80000	0.0651	1.613	1.733	1.529	0.760	0.950	25.0	0.760	0.950	U
51358	30866	102917	0.00000	0.0694	0.905	0.973	0.858	0.129	0.111	-14.0	0.129	0.111	
51359	82539	312270	0.27509	0.0829	0.915	0.983	0.867	0.710	0.620	-12.7	0.710	0.620	
51752	419000	2822811	1.05191	0.2200	0.990	1.064	0.938	0.150	0.141	-6.0	0.150	0.141	
52002	1377910	7629573	0.94254	0.3965	0.961	1.032	0.911	0.114	0.104	-8.8	0.114	0.104	
53001	2200414	11105082	0.71795	0.4885	0.848	0.911	0.804	0.300	0.241	-19.7	0.300	0.241	
53374	6177178	28087978	0.68675	0.6966	0.774	0.831	0.733	0.260	0.191	-26.5	0.260	0.191	
53375	2699377	12564462	1.45204	0.5104	1.217	1.308	1.154	0.270	0.310	14.8	0.270	0.310	
53376	624096	2813779	0.73164	0.2205	0.920	0.988	0.872	0.183	0.159	-13.1	0.183	0.159	
53377	2509062	12024404	0.96231	0.4980	0.968	1.040	0.917	0.188	0.172	-8.5	0.188	0.172	
53565	149513	798930	0.25386	0.1133	0.891	0.958	0.845	0.096	0.081	-15.6	0.096	0.081	
55371	28065	162577	0.47689	0.0733	0.936	1.006	0.887	0.108	0.096	-11.1	0.108	0.096	
56488	195518	494039	2.96849	0.0977	1.168	1.255	1.107	0.038	0.042	10.5	0.038	0.042	
56758	110880	553090	0.48477	0.0983	0.925	0.994	0.876	0.140	0.123	-12.1	0.140	0.123	
56759	683755	3770846	0.86936	0.2650	0.945	1.016	0.896	0.078	0.070	-10.3	0.078	0.070	
56760	1529057	8292264	0.87150	0.4202	0.930	0.999	0.882	0.099	0.087	-12.1	0.099	0.087	
57002	199130	989867	0.18477	0.1245	0.875	0.940	0.829	0.096	0.080	-16.7	0.096	0.080	

X-TILDE: 0.897   X-TILDE (MONOLINE):   0.931   PI-TILDE 0.0038790
TAU SQUARE   0.03000   SIGMA SQUARED: 420436.541

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 * 1.005 * 0.878

	AYE 2020 MONO/MULTI ALCCL	5 YEAR MONO/MULTI ALCCL	5 YEAR MONO/MULTI EXPERIENCE RATIO	CRED.	FORMULA ER	INDEX	CHANGE FACTOR	PRESENT MULTI- STATE OCCUR	PROPOSED MULTI- STATE OCCUR	STATE- WIDE % CHANGE	PRESENT STATEWIDE OCCUR	PROPOSED STATEWIDE OCCUR
CLASS	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
57651	149906	794401	1.10515	0.1173	0.988	1.062	0.937	0.039	0.037	-5.1	0.039	0.037
57913	663080	3629375	0.44518	0.2567	0.837	0.900	0.794	0.260	0.206	-20.8	0.260	0.206
59537	360426	1825497	1.11140	0.1718	0.997	1.071	0.944	0.232	0.219	-5.6	0.232	0.219
59647	67119	306195	0.56999	0.0826	0.939	1.009	0.890	0.158	0.141	-10.8	0.158	0.141
59904	12172	65670	4.66938	0.0672	1.221	1.312	1.157	0.076	0.088	15.8	0.076	0.088
59905	168317	754850	1.06987	0.1126	0.984	1.057	0.932	0.120	0.112	-6.7	0.120	0.112
59925	793	6534	1.66949	0.0629	1.017	1.092	0.963	1.190	1.150	-3.4	1.190	1.150
59926	270162	1405115	1.57717	0.1504	1.064	1.143	1.008	0.460	0.460	0.0	0.460	0.460
59927	18928	394051	0.04146	0.0881	0.891	0.957	0.844	1.300	1.100	-15.4	1.300	1.100
59963	55999	184022	0.00000	0.0747	0.900	0.967	0.853	0.370	0.320	-13.5	0.370	0.320
59964	226470	1092557	0.79463	0.1303	0.950	1.020	0.900	0.066	0.059	-10.6	0.066	0.059

X-TILDE: 0.897   X-TILDE (MONOLINE):   0.931   PI-TILDE 0.0038790
TAU SQUARE   0.03000   SIGMA SQUARED: 420436.541

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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 * 0.999 * 0.878

CLASS	AYE 2020 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)	
10010	130380	791029	0.77583	0.1336	0.951	1.005	0.881	0.189	0.167	-11.6	0.189	0.167	
10040	1062035	5550190	1.22462	0.3697	1.069	1.130	0.991	0.320	0.320	0.0	0.320	0.320	
10070	2260544	10797201	0.93840	0.5147	0.957	1.012	0.888	0.151	0.134	-11.3	0.151	0.134	
10101	318814	1510591	0.95226	0.1798	0.973	1.028	0.902	0.177	0.160	-9.6	0.177	0.160	
10111	157210	779940	0.75996	0.1328	0.949	1.003	0.880	0.067	0.059	-11.9	0.067	0.059	
10255	3356278	16436703	1.01096	0.6091	0.998	1.055	0.925	0.151	0.140	-7.3	0.151	0.140	
10256	17610	77726	3.23485	0.0828	1.165	1.231	1.080	0.183	0.198	8.2	0.183	0.198	
10257	3030608	15191370	1.12953	0.5920	1.068	1.128	0.990	0.148	0.146	-1.4	0.148	0.146	
11126	186235	1173233	1.41026	0.1589	1.046	1.106	0.970	0.024	0.023	-4.2	0.024	0.023	
11203	29893	60296	0.00000	0.0820	0.897	0.949	0.832	0.460	0.380	-17.4	0.460	0.380	
11248	6163	38345	0.00000	0.0799	0.899	0.951	0.834	0.016	0.013	-18.8	0.016	0.013	
12391	1480828	7238696	0.80444	0.4228	0.904	0.956	0.838	0.070	0.059	-15.7	0.070	0.059	
12509	36831	205780	0.02367	0.0924	0.889	0.940	0.825	0.031	0.026	-16.1	0.031	0.026	
12651	837935	4024097	0.91306	0.3081	0.958	1.012	0.888	0.510	0.450	-11.8	0.510	0.450	
12707	396206	1481797	0.68546	0.1819	0.924	0.977	0.857	0.560	0.480	-14.3	0.560	0.480	
12797	1253210	6525319	1.00005	0.4006	0.987	1.043	0.915	0.194	0.177	-8.8	0.194	0.177	
13201	20484	118570	0.34633	0.0862	0.923	0.976	0.856	0.144	0.123	-14.4	0.144	0.123	
13204	1194613	5458133	0.52061	0.3679	0.809	0.855	0.750	1.140	0.860	-24.6	1.140	0.860	
13205	304763	1665235	0.38158	0.1896	0.865	0.914	0.802	0.420	0.340	-19.1	0.420	0.340	
13314	246	1407	0.00000	0.0770	0.902	0.954	0.837	0.014	0.012	-14.3	0.014	0.012	
13410	2613149	12235524	0.58201	0.5441	0.762	0.806	0.707	2.350	1.660	-29.4	2.350	1.660	
13412	493960	2607647	1.30379	0.2460	1.058	1.118	0.981	1.210	1.190	-1.7	1.210	1.190	
13590	4566221	22339993	0.98236	0.6765	0.981	1.037	0.909	0.670	0.610	-9.0	0.670	0.610	
13715	1884487	9847413	0.66706	0.4914	0.825	0.872	0.765	0.145	0.111	-23.5	0.145	0.111	
13930	1047825	5283930	0.78387	0.3578	0.908	0.960	0.842	0.174	0.147	-15.5	0.174	0.147	
14068	2400	25444	0.00000	0.0789	0.900	0.952	0.835	0.012	0.010	-16.7	0.012	0.010	
14527	452205	2128090	1.16555	0.2151	1.018	1.076	0.944	0.179	0.169	-5.6	0.179	0.169	
14855	40171	192739	0.00702	0.0915	0.889	0.939	0.824	0.133	0.110	-17.3	0.133	0.110	
16005	330806	1828308	1.36348	0.1982	1.054	1.114	0.977	0.031	0.030	-3.2	0.031	0.030	
16009	40813	218404	2.59855	0.0933	1.129	1.193	1.047	0.106	0.111	4.7	0.106	0.111	
16527	4543683	23998387	0.90035	0.6911	0.924	0.977	0.857	0.320	0.270	-15.6	0.320	0.270	
16705	165141	1003665	0.64246	0.1479	0.928	0.981	0.860	0.131	0.113	-13.7	0.131	0.113	
16750	385030	2211491	1.53423	0.2216	1.101	1.164	1.021	0.034	0.035	2.9	0.034	0.035	
18205	728521	3476584	1.38066	0.2855	1.093	1.155	1.013	0.380	0.390	2.6	0.380	0.390	
18616	3576905	16851369	0.84851	0.6159	0.898	0.949	0.833	0.590	0.490	-17.0	0.590	0.490	
18707	18074	110393	8.35255	0.0853	1.606	1.698	1.489	0.005	0.006	20.0	0.005	0.006	U
45771	99782	648674	1.29724	0.1259	1.018	1.076	0.944	0.139	0.131	-5.8	0.139	0.131	

X-TILDE: 0.928   X-TILDE (MONOLINE): 0.946   PI-TILDE 0.0048092
TAU SQUARE1 0.03000   SIGMA SQUARED: 363142.008

L - CAPPED DOWN
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LOSS COST % CHANGE BY CLASS

SUBLINE: PRODUCTS
CLASS GROUP : 04
NUMBER OF YEARS OF DATA USED: 5
CHANGE FACTOR = INDEX * CG REL * SWRL USED = INDEX * 0.999 * 0.878

	AYE 2020 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)
CLASS												
45901	581550	2325471	0.74730	0.2258	0.926	0.978	0.858	0.045	0.039	-13.3	0.045	0.039
53907	1365499	6884455	0.96694	0.4280	0.973	1.028	0.902	0.086	0.078	-9.3	0.086	0.078

X-TILDE: 0.92816   X-TILDE (MONOLINE):   0.94615   PI-TILDE 0.0048092
TAU SQUARE   0.03   SIGMA SQUARED: 363142.008

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 U - CAPPED UP
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LOSS COST % CHANGE BY CLASS

SUBLINE: PRODUCTS
CLASS GROUP : 05
NUMBER OF YEARS OF DATA USED: 5
CHANGE FACTOR = INDEX * CG REL * SWRL USED = INDEX * 1.015 * 0.878

CLASS	AYE 2020 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)	
51380	1397	7573	0.00000	0.1506	1.357	1.060	0.945	0.041	0.039	-4.9	0.041	0.039	
51575	212282	1092698	1.48733	0.2318	1.572	1.228	1.095	0.021	0.023	9.5	0.021	0.023	
51576	211580	1230943	1.15109	0.2410	1.490	1.164	1.038	0.097	0.101	4.1	0.097	0.101	
51613	57680	393803	0.83600	0.1814	1.459	1.140	1.016	0.139	0.141	1.4	0.139	0.141	
51666	36459	228862	0.27299	0.1687	1.374	1.074	0.957	0.089	0.085	-4.5	0.089	0.085	
51767	501	2987	0.00000	0.1502	1.357	1.061	0.946	0.007	0.007	0.0	0.007	0.007	
51833	925	7448	0.00000	0.1506	1.357	1.060	0.945	0.054	0.051	-5.6	0.054	0.051	
51869	83202	680139	0.91638	0.2028	1.459	1.140	1.016	0.136	0.138	1.5	0.136	0.138	
51889	738	3788	0.00000	0.1503	1.357	1.061	0.945	0.011	0.010	-9.1	0.011	0.010	
51941	1827895	9225881	0.83065	0.5523	1.174	0.917	0.818	0.041	0.034	-17.1	0.041	0.034	
52469	1782918	9763211	1.01802	0.5750	1.264	0.988	0.881	0.096	0.085	-11.5	0.096	0.085	
55647	280405	1796873	1.01880	0.2778	1.437	1.123	1.001	0.065	0.065	0.0	0.065	0.065	
55802	14040	123212	5.02913	0.1603	2.148	1.678	1.496	0.011	0.013	18.2	0.011	0.013	U
56040	352	2541	0.00000	0.1502	1.357	1.061	0.946	0.030	0.028	-6.7	0.030	0.028	
57257	23175	136358	4.12941	0.1611	2.005	1.567	1.397	0.034	0.042	23.5	0.034	0.042	U
57410	14121	141282	0.13101	0.1615	1.360	1.063	0.948	0.173	0.164	-5.2	0.173	0.164	
58503	37292	205593	0.96279	0.1668	1.491	1.166	1.039	0.077	0.080	3.9	0.077	0.080	
58627	1454	9596	0.00000	0.1508	1.356	1.060	0.945	0.012	0.011	-8.3	0.012	0.011	
59257	20	980	0.00000	0.1501	1.358	1.061	0.946	0.012	0.011	-8.3	0.012	0.011	
59923	852	10374	18.93775	0.1509	4.213	3.293	2.935	0.005	0.006	20.0	0.005	0.006	U

X-TILDE: 1.002   X-TILDE (MONOLINE):   1.279   PI-TILDE 0.0070587
TAU SQUARE   0.03547   SIGMA SQUARED: 364751.651

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 * 0.999 * 0.878

	AYE 2020 MONO/MULTI ALCCL	5 YEAR MONO/MULTI ALCCL	5 YEAR MONO/MULTI EXPERIENCE RATIO	CRED.	FORMULA ER	INDEX	CHANGE FACTOR	PRESENT MULTI-STATE OCCUR	PROPOSED MULTI-STATE OCCUR	STATE-WIDE % CHANGE	PRESENT STATEWIDE OCCUR	PROPOSED STATEWIDE OCCUR	
CLASS	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	
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15733	9163	48815	0.00000	0.0470	0.894	1.010	0.886	0.034	0.030	-11.8	0.034	0.030	
51001	509	7344	0.00000	0.0293	0.910	1.028	0.902	0.420	0.380	-9.5	0.420	0.380	
51116	1381676	5491568	0.93149	0.7202	0.933	1.054	0.925	0.690	0.640	-7.3	0.690	0.640	
51240	46505	311305	2.08333	0.1462	1.105	1.249	1.095	0.196	0.215	9.7	0.196	0.215	
51241	301128	1637002	1.33524	0.4411	1.113	1.258	1.103	0.218	0.240	10.1	0.218	0.240	
51330	244085	1243777	3.90632	0.3780	2.060	2.327	2.042	0.660	0.820	24.2	0.660	0.820	U
51370	395627	623799	0.00000	0.2445	0.709	0.800	0.702	3.830	2.690	-29.8	3.830	2.690	
51500	277651	1706924	1.66536	0.4517	1.266	1.431	1.255	0.116	0.145	25.0	0.116	0.145	U
51550	28518	107189	2.54528	0.0711	1.052	1.189	1.043	0.400	0.420	5.0	0.400	0.420	
51551	2082	42809	1.03774	0.0445	0.942	1.065	0.934	0.890	0.830	-6.7	0.890	0.830	
51552	0	11265	0.00000	0.0310	0.909	1.027	0.901	0.152	0.137	-9.9	0.152	0.137	
51600	147737	683992	1.72690	0.2551	1.139	1.287	1.129	0.172	0.194	12.8	0.172	0.194	
51734	17859	87294	9.21581	0.0643	1.470	1.661	1.457	0.350	0.430	22.9	0.350	0.430	U
51741	117301	641968	1.45449	0.2451	1.064	1.203	1.055	0.243	0.260	7.0	0.243	0.260	
51777	175389	751993	0.28750	0.2723	0.761	0.859	0.754	0.077	0.058	-24.7	0.077	0.058	
51808	215936	905930	0.46475	0.3080	0.792	0.895	0.785	0.680	0.530	-22.1	0.680	0.530	
51809	37749	166439	3.59988	0.0974	1.197	1.352	1.186	0.146	0.173	18.5	0.146	0.173	
51877	60594	389165	0.26473	0.1725	0.822	0.928	0.814	0.191	0.156	-18.3	0.191	0.156	
51896	691530	3606004	1.07400	0.6285	1.023	1.156	1.014	0.017	0.017	0.0	0.017	0.017	
51900	10566	62706	1.86914	0.0528	0.987	1.115	0.978	0.100	0.098	-2.0	0.100	0.098	
51909	0	11	0.00000	0.0261	0.913	1.032	0.905	0.053	0.048	-9.4	0.053	0.048	
51926	392964	1611315	0.94283	0.4361	0.940	1.062	0.932	0.044	0.041	-6.8	0.044	0.041	
51927	337412	2148795	0.59952	0.5066	0.766	0.866	0.760	0.132	0.100	-24.2	0.132	0.100	
51934	26593	495984	0.15017	0.2036	0.777	0.878	0.770	0.107	0.082	-23.4	0.107	0.082	
51956	1593297	7913507	0.57710	0.7871	0.654	0.739	0.648	0.205	0.140	-31.7	0.205	0.140	L
51957	1678967	8539034	0.78110	0.7993	0.813	0.918	0.805	0.460	0.370	-19.6	0.460	0.370	
51960	3899	23798	0.00000	0.0364	0.904	1.021	0.896	0.330	0.300	-9.1	0.330	0.300	
51982	12658	60163	0.00000	0.0520	0.889	1.004	0.881	0.077	0.068	-11.7	0.077	0.068	
51986	27978	223977	0.25047	0.1158	0.858	0.970	0.851	0.096	0.082	-14.6	0.096	0.082	
51999	157931	694190	0.45828	0.2576	0.814	0.920	0.807	0.400	0.320	-20.0	0.400	0.320	
52075	46881	269157	0.62499	0.1313	0.897	1.013	0.889	0.222	0.197	-11.3	0.222	0.197	
52134	2221315	11536650	0.94286	0.8438	0.942	1.064	0.934	0.600	0.560	-6.7	0.600	0.560	
52315	562855	2806920	1.08120	0.5694	1.019	1.152	1.010	0.270	0.270	0.0	0.270	0.270	
52505	58650	238623	0.05885	0.1204	0.832	0.940	0.825	0.237	0.195	-17.7	0.237	0.195	
52547	194289	1053406	0.64637	0.3392	0.839	0.948	0.831	0.070	0.058	-17.1	0.070	0.058	
52911	790982	4805991	1.04053	0.6953	1.009	1.140	1.000	0.420	0.420	0.0	0.420	0.420	
52967	19459	119497	0.52533	0.0769	0.906	1.024	0.898	0.058	0.052	-10.3	0.058	0.052	

X-TILDE: 0.890   X-TILDE (MONOLINE):   0.885   PI-TILDE 0.0016742
TAU SQUARE   0.11174   SIGMA SQUARED: 248731.944

L - CAPPED DOWN
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LOSS COST % CHANGE BY CLASS

SUBLINE: PRODUCTS
CLASS GROUP : 06
NUMBER OF YEARS OF DATA USED: 5
CHANGE FACTOR = INDEX * CG REL * SWRL USED = INDEX * 0.999 * 0.878

	AYE 2020 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)	
53121	47804	198244	3.04691	0.1059	1.161	1.312	1.151	0.400	0.460	15.0	0.400	0.460	
53333	81793	423431	1.36248	0.1817	1.015	1.147	1.006	0.248	0.249	0.4	0.248	0.249	
53631	402	1851	0.00000	0.0269	0.913	1.031	0.904	0.021	0.019	-9.5	0.021	0.019	
53632	320	3694	0.00000	0.0278	0.912	1.030	0.904	0.032	0.029	-9.4	0.032	0.029	
53732	1277691	7669937	0.96475	0.7835	0.959	1.083	0.950	0.470	0.450	-4.3	0.470	0.450	
53733	3621355	20100024	0.76504	0.9035	0.782	0.883	0.775	0.228	0.177	-22.4	0.228	0.177	
54077	707222	3606459	0.94390	0.6298	0.942	1.064	0.933	0.390	0.360	-7.7	0.390	0.360	
55010	85373	392333	0.05700	0.1781	0.781	0.882	0.774	0.980	0.760	-22.5	0.980	0.760	
55011	417923	2301748	1.35403	0.5245	1.156	1.306	1.146	1.750	2.010	14.9	1.750	2.010	
55012	38256	252981	0.13777	0.1265	0.837	0.945	0.829	1.110	0.920	-17.1	1.110	0.920	
55013	276003	1878821	1.09787	0.4751	1.014	1.145	1.005	1.120	1.130	0.9	1.120	1.130	
55214	1260	6182	0.00000	0.0288	0.911	1.029	0.903	0.083	0.075	-9.6	0.083	0.075	
55715	33096	219113	0.07974	0.1153	0.839	0.948	0.831	0.203	0.169	-16.8	0.203	0.169	
55716	51505	207115	0.00000	0.1093	0.835	0.944	0.828	0.49	0.410	-16.3	0.490	0.410	
56202	81073	681043	0.46795	0.2550	0.818	0.924	0.811	0.078	0.063	-19.2	0.078	0.063	
56390	416863	1801255	0.89546	0.4758	0.918	1.037	0.909	0.7	0.640	-8.6	0.700	0.640	
56391	480486	3389641	0.79204	0.6152	0.848	0.958	0.841	0.3	0.250	-16.7	0.300	0.250	
56427	17636	81944	0.48283	0.0608	0.910	1.028	0.902	0.119	0.107	-10.1	0.119	0.107	
56690	3387	15816	1.32303	0.0330	0.951	1.074	0.942	0.33	0.310	-6.1	0.330	0.310	
56699	222572	1281046	1.55219	0.3827	1.173	1.325	1.162	0.067	0.078	16.4	0.067	0.078	
56916	972476	4579633	1.50753	0.6828	1.327	1.499	1.315	0.215	0.260	20.9	0.215	0.260	U
57090	76540	526425	2.27643	0.2194	1.232	1.391	1.221	0.68	0.830	22.1	0.680	0.830	
57401	15113	55341	0.00000	0.0497	0.891	1.007	0.883	0.089	0.079	-11.2	0.089	0.079	
57403	729	3456	0.00000	0.0276	0.912	1.030	0.904	0.033	0.030	-9.1	0.033	0.030	
57572	68350	388941	1.08464	0.1710	0.963	1.088	0.954	0.099	0.094	-5.1	0.099	0.094	
57600	45993	261959	0.73191	0.1313	0.911	1.029	0.903	0.033	0.030	-9.1	0.033	0.030	
57611	34620	243043	0.00000	0.1305	0.816	0.921	0.808	0.055	0.044	-20.0	0.055	0.044	
57690	268315	1445629	0.71138	0.4111	0.845	0.954	0.837	0.45	0.380	-15.6	0.450	0.380	
57716	244309	1207418	1.36697	0.3706	1.097	1.239	1.087	0.074	0.080	8.1	0.074	0.080	
57725	909907	4075159	1.19867	0.6665	1.112	1.256	1.102	0.075	0.083	10.7	0.075	0.083	
57726	68323	361745	1.98891	0.1635	1.110	1.254	1.100	0.023	0.025	8.7	0.023	0.025	
57810	2888	20530	0.00000	0.0350	0.905	1.022	0.897	0.1	0.090	-10.0	0.100	0.090	
57871	41402	392343	0.27697	0.1720	0.824	0.931	0.817	0.111	0.091	-18.0	0.111	0.091	
57998	21102	128564	0.16824	0.0797	0.877	0.990	0.869	0.054	0.047	-13.0	0.054	0.047	
57999	5627	27551	0.89633	0.0380	0.936	1.058	0.928	0.07	0.065	-7.1	0.070	0.065	
58095	1412380	8082867	0.55211	0.7906	0.633	0.715	0.627	1.79	1.220	-31.8	1.790	1.220	L
58096	1328284	9531414	0.90684	0.8177	0.913	1.031	0.904	1.49	1.350	-9.4	1.490	1.350	

X-TILDE: 0.890   X-TILDE (MONOLINE):   0.885   PI-TILDE 0.0016742
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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 * 0.999 * 0.878

CLASS	AYE 2020 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)	
58301	94698	399713	2.01027	0.1788	1.130	1.276	1.119	0.077	0.086	11.7	0.077	0.086	
58302	61125	256087	0.15876	0.1271	0.839	0.948	0.831	0.051	0.042	-17.7	0.051	0.042	
58397	1423747	6399704	0.49736	0.7494	0.608	0.687	0.602	0.65	0.450	-30.8	0.650	0.450	L
58575	5128	55967	0.00000	0.0501	0.891	1.006	0.883	0.111	0.098	-11.7	0.111	0.098	
58663	1084205	5239044	0.26262	0.7100	0.458	0.518	0.454	0.95	0.650	-31.6	0.950	0.650	L
58802	51278	222628	0.00000	0.1162	0.829	0.936	0.821	0.48	0.390	-18.8	0.480	0.390	
58837	6151	40015	1.66158	0.0435	0.969	1.095	0.961	0.161	0.155	-3.7	0.161	0.155	
58840	3596	21377	0.33755	0.0354	0.917	1.036	0.908	0.121	0.110	-9.1	0.121	0.110	
58873	283673	1166829	0.54671	0.3658	0.795	0.898	0.788	0.027	0.021	-22.2	0.027	0.021	
58904	2	15336	0.00000	0.0327	0.907	1.025	0.899	0.12	0.108	-10.0	0.120	0.108	
58922	1422175	6529067	1.11047	0.7528	1.068	1.206	1.058	0.179	0.189	5.6	0.179	0.189	
59005	207136	1353897	0.38515	0.3948	0.720	0.813	0.713	0.089	0.063	-29.2	0.089	0.063	
59188	277	1225	0.00000	0.0266	0.913	1.031	0.905	0.052	0.047	-9.6	0.052	0.047	
59189	4460	19243	0.00000	0.0344	0.906	1.023	0.897	0.28	0.250	-10.7	0.280	0.250	
59223	152906	876089	3.23378	0.3016	1.630	1.842	1.616	0.103	0.128	24.3	0.103	0.128	U
59378	0	0	0.00000	0.0000	0.938	1.000	0.877	0.141	0.124	-12.1	0.141	0.124	
59481	77791	460371	1.32865	0.1951	1.014	1.146	1.005	0.096	0.096	0.0	0.096	0.096	
59701	705	51829	5.57456	0.0482	1.162	1.312	1.151	0.33	0.380	15.2	0.330	0.380	
59713	379216	1923900	0.88118	0.4784	0.911	1.029	0.903	0.33	0.300	-9.1	0.330	0.300	
59722	46195	275150	0.18758	0.1332	0.838	0.947	0.830	0.028	0.023	-17.9	0.028	0.023	
59723	10000	71962	0.00000	0.0568	0.885	0.999	0.877	0.034	0.030	-11.8	0.034	0.030	
59726	77580	549257	1.34202	0.2189	1.026	1.159	1.017	0.023	0.023	0.0	0.023	0.023	
59738	15426	75447	0.00000	0.0582	0.883	0.998	0.875	0.059	0.052	-11.9	0.059	0.052	
59773	0	0	0.00000	0.0000	0.938	1.000	0.877	0.026	0.023	-11.5	0.026	0.023	
59774	524	2526	0.00000	0.0272	0.912	1.031	0.904	0.141	0.127	-9.9	0.141	0.127	
59775	0	0	0.00000	0.0000	0.938	1.000	0.877	0.178	0.156	-12.4	0.178	0.156	
59798	1027219	4257536	0.61905	0.6679	0.725	0.819	0.718	0.46	0.330	-28.3	0.460	0.330	
59886	13102	91407	0.00000	0.0645	0.877	0.991	0.870	0.1	0.087	-13.0	0.100	0.087	
59889	16463	96961	2.38815	0.0667	1.035	1.169	1.025	0.187	0.192	2.7	0.187	0.192	
59914	936170	4860879	0.95504	0.6945	0.950	1.073	0.941	0.69	0.650	-5.8	0.690	0.650	
59915	171484	804416	0.49300	0.2870	0.810	0.915	0.803	0.66	0.530	-19.7	0.660	0.530	
59917	124344	588018	1.05464	0.2300	0.965	1.090	0.956	0.232	0.222	-4.3	0.232	0.222	
59931	146048	740763	0.37382	0.2694	0.786	0.888	0.779	0.48	0.370	-22.9	0.480	0.370	
59932	2725	125369	0.00000	0.0780	0.865	0.977	0.857	0.8	0.690	-13.8	0.800	0.690	
59947	13568	77515	0.00000	0.0589	0.883	0.997	0.875	0.3	0.260	-13.3	0.300	0.260	
59955	22118	111506	0.00794	0.0725	0.870	0.983	0.863	0.132	0.114	-13.6	0.132	0.114	
59970	16046	95806	0.00000	0.0663	0.876	0.989	0.868	0.169	0.147	-13.0	0.169	0.147	

X-TILDE: 0.890   X-TILDE (MONOLINE):   0.885   PI-TILDE 0.0016742
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LOSS COST % CHANGE BY CLASS

SUBLINE: PRODUCTS
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NUMBER OF YEARS OF DATA USED: 5
CHANGE FACTOR = INDEX * CG REL * SWRL USED = INDEX * 0.999 * 0.878

	AYE 2020 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)	
CLASS													
59975	473789	2618905	0.37365	0.5533	0.626	0.707	0.620	0.19	0.130	-31.6	0.190	0.130	L
59984	61212	184642	0.00000	0.1024	0.842	0.951	0.834	0.049	0.041	-16.3	0.049	0.041	
59988	1130	7576	0.00000	0.0294	0.910	1.028	0.902	0.055	0.050	-9.1	0.055	0.050	
59989	14	86	0.00000	0.0261	0.913	1.032	0.905	0.041	0.037	-9.8	0.041	0.037	

X-TILDE: 0.890   X-TILDE (MONOLINE):   0.885   PI-TILDE 0.0016742
TAU SQUARE   0.11174   SIGMA SQUARED: 248731.944

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

LOSS COST % CHANGE BY CLASS

SUBLINE: PRODUCTS
CLASS GROUP : 07
NUMBER OF YEARS OF DATA USED: 5
CHANGE FACTOR = INDEX * CG REL * SWRL USED = INDEX * 0.982 * 0.878

CLASS	AYE 2020 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)
49239	54348	310465	0.25033	0.1442	0.710	0.905	0.781	0.460	0.360	-21.7	0.460	0.360
50010	40963	188418	0.74807	0.1259	0.782	0.998	0.861	0.380	0.330	-13.2	0.380	0.330
51205	1759	7466	0.00000	0.0980	0.710	0.906	0.781	0.059	0.046	-22.0	0.059	0.046
51206	1843	18981	3.44852	0.0999	1.053	1.343	1.159	0.320	0.370	15.6	0.320	0.370
51220	63410	397315	0.28890	0.1568	0.709	0.904	0.780	1.900	1.480	-22.1	1.900	1.480
51221	562129	3035908	0.72388	0.4138	0.761	0.971	0.837	1.760	1.470	-16.5	1.760	1.470
51222	240707	1339403	1.40386	0.2719	0.955	1.218	1.051	4.530	4.760	5.1	4.530	4.760
51224	1435348	7707686	0.66595	0.6238	0.712	0.908	0.783	1.490	1.170	-21.5	1.490	1.170
51230	0	0	0.00000	0.0000	0.787	1.000	0.863	0.740	0.640	-13.5	0.740	0.640
51252	910124	5433184	0.71106	0.5454	0.746	0.951	0.820	0.074	0.061	-17.6	0.074	0.061
51254	14804	41685	0.00000	0.1035	0.706	0.900	0.777	0.032	0.025	-21.9	0.032	0.025
51333	40824	452350	0.88354	0.1799	0.805	1.026	0.885	0.320	0.280	-12.5	0.320	0.280
51958	257314	1477204	0.69544	0.2850	0.761	0.971	0.837	0.370	0.310	-16.2	0.370	0.310
51970	767997	3342438	0.60740	0.4339	0.709	0.905	0.780	0.177	0.138	-22.0	0.177	0.138
52433	32802	242525	0.43999	0.1341	0.741	0.945	0.815	0.800	0.650	-18.8	0.800	0.650
52581	0	303303	0.50983	0.1429	0.748	0.954	0.823	2.190	1.800	-17.8	2.190	1.800
52744	1465	5618	0.00000	0.0977	0.710	0.906	0.782	0.066	0.052	-21.2	0.066	0.052
53077	148612	937637	1.04265	0.2279	0.845	1.078	0.930	0.219	0.204	-6.9	0.219	0.204
55597	0	0	0.00000	0.0000	0.787	1.000	0.863	1.680	1.450	-13.7	1.680	1.450
55918	2556	10515	0.00000	0.0985	0.710	0.905	0.781	2.260	1.760	-22.1	2.260	1.760
55919	0	0	0.00000	0.0000	0.787	1.000	0.863	3.420	2.950	-13.7	3.420	2.950
56912	833290	4115746	1.16396	0.4788	0.968	1.234	1.065	0.084	0.089	6.0	0.084	0.089
57146	486048	2154340	0.76003	0.3472	0.778	0.992	0.856	0.750	0.640	-14.7	0.750	0.640
58737	20369	201075	0.99740	0.1281	0.814	1.038	0.896	0.550	0.490	-10.9	0.550	0.490
59601	211389	854947	0.54462	0.2204	0.734	0.936	0.807	2.230	1.800	-19.3	2.230	1.800
59660	533534	2570058	0.58513	0.3797	0.711	0.906	0.782	1.060	0.830	-21.7	1.060	0.830
59724	24858	130212	2.33417	0.1175	0.969	1.236	1.066	0.015	0.016	6.7	0.015	0.016
59725	902401	4101320	0.78899	0.4773	0.788	1.005	0.867	0.145	0.126	-13.1	0.145	0.126
59750	5938	27421	0.00000	0.1011	0.708	0.903	0.779	0.181	0.141	-22.1	0.181	0.141
59781	411695	2782419	0.55589	0.3953	0.696	0.887	0.766	0.085	0.065	-23.5	0.085	0.065
59782	465282	2289374	1.39564	0.3607	1.007	1.284	1.108	0.560	0.620	10.7	0.560	0.620

X-TILDE: 0.788   X-TILDE (MONOLINE): 0.784   PI-TILDE 0.0059227
TAU SQUARE: 0.03000   SIGMA SQUARED: 169355.831

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

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

TYPE OF POLICY	ACCIDENT YEAR ENDING	$100,000 BASIC LIMIT AGGREGATE LOSS COSTS AT CURRENT LEVEL	X	EXPOSURE DEVELOPMENT FACTOR +@	X	EXPOSURE TREND #	X	AVERAGE IPMF *	=	TRENDED $100,000 BASIC LIMIT AGGREGATE LOSS COSTS AT CURRENT LEVEL
MONOLINE	12/31/2017	$104,356,660		1.000		1.182				$123,349,572
	12/31/2018	$123,089,712		1.000		1.144				$140,814,631
	12/31/2019	$129,744,216		1.000		1.114				$144,535,057
	12/31/2020	$130,791,935		0.970		1.088				$138,032,577
MULTILINE	12/31/2017	$237,894,509		1.000		1.180		0.992		$278,469,796
	12/31/2018	$262,431,108		1.000		1.144		0.995		$298,720,082
	12/31/2019	$268,116,102		1.000		1.114		0.996		$297,486,612
	12/31/2020	$260,722,172		0.970		1.090		0.997		$274,834,568
TOTAL	12/31/2017									$401,819,368
	12/31/2018									$439,534,713
	12/31/2019									$442,021,669
	12/31/2020									$412,867,145

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

@   THE EXPOSURE DEVELOPMENT FACTOR FOR THE LATEST YEAR HAS BEEN ADJUSTED BY APPLYING A FACTOR OF 0.950 TO REFLECT THE REDUCED
    EXPECTED EXPOSURE FOR LPCO DUE TO THE COVID-19 PANDEMIC AND THE ECONOMIC RECESSION IN 2020. THE DERIVATION OF THE
    ADJUSTMENT IS EXPLAINED IN SECTION D.

AGGREGATE LOSS COSTS AT CURRENT LEVEL HAVE BEEN TRENDED FROM AN AVERAGE DATE OF COVERAGE TO ONE YEAR BEYOND AN ASSUMED
    EFFECTIVE DATE OF 07/01/2022 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 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	12/31/2017	$21,078,162		0.981		1.080		1.379		0.970		$29,863,335
		12/31/2018	$23,036,907		1.063		1.080		1.307		0.975		$33,711,154
		12/31/2019	$19,028,324		1.469		1.080		1.239		0.980		$36,658,043
		12/31/2020	$10,378,387		2.597		1.080		1.174		0.985		$33,664,491
BI	ALAE	12/31/2017	$17,315,074				1.080		1.379		0.970		$25,014,056
		12/31/2018	$19,011,983				1.080		1.307		0.975		$26,165,640
		12/31/2019	$21,123,802				1.080		1.239		0.980		$27,700,859
		12/31/2020	$20,082,424				1.080		1.174		0.985		$25,080,963
PD	B/L INDEMNITY	12/31/2017	$74,379,789		1.357		1.080		1.265		0.970		$133,745,273
		12/31/2018	$77,511,216		1.403		1.080		1.217		0.975		$139,351,937
		12/31/2019	$72,770,543		1.610		1.080		1.170		0.980		$145,061,453
		12/31/2020	$56,956,984		1.877		1.080		1.125		0.985		$127,933,808
PD	ALAE	12/31/2017	$74,827,527				1.080		1.265		0.970		$99,162,487
		12/31/2018	$83,868,774				1.080		1.217		0.975		$107,477,918
		12/31/2019	$86,759,119				1.080		1.170		0.980		$107,436,246
		12/31/2020	$75,799,258				1.080		1.125		0.985		$90,714,657
	TOTAL FULL COVERAGE	12/31/2017											$287,785,151
		12/31/2018											$306,706,649
		12/31/2019											$316,856,601
		12/31/2020											$277,393,919

* 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 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	12/31/2017	$3,645,547		1.029		1.080		1.379		0.970		$5,420,277
		12/31/2018	$3,158,864		1.146		1.080		1.307		0.975		$4,983,852
		12/31/2019	$2,770,839		1.332		1.080		1.239		0.980		$4,839,504
		12/31/2020	$1,073,470		2.496		1.080		1.174		0.985		$3,346,193
BI	ALAE	12/31/2017	$3,405,079				1.080		1.379		0.970		$4,919,115
		12/31/2018	$2,827,876				1.080		1.307		0.975		$3,891,924
		12/31/2019	$3,437,030				1.080		1.239		0.980		$4,507,175
		12/31/2020	$2,219,410				1.080		1.174		0.985		$2,771,823
PD	B/L INDEMNITY	12/31/2017	$22,298,594		1.323		1.080		1.265		0.970		$39,081,385
		12/31/2018	$23,648,670		1.429		1.080		1.217		0.975		$43,298,322
		12/31/2019	$18,121,530		1.654		1.080		1.170		0.980		$37,122,494
		12/31/2020	$13,179,811		2.020		1.080		1.125		0.985		$31,868,752
PD	ALAE	12/31/2017	$22,586,904				1.080		1.265		0.970		$29,932,481
		12/31/2018	$25,579,666				1.080		1.217		0.975		$32,780,367
		12/31/2019	$24,336,416				1.080		1.170		0.980		$30,136,466
		12/31/2020	$18,099,556				1.080		1.125		0.985		$21,661,096
	TOTAL DED COVERAGE	12/31/2017											$79,353,258
		12/31/2018											$84,954,465
		12/31/2019											$76,605,639
		12/31/2020											$59,647,864
	TOTAL OCCURRENCE	12/31/2017											$367,138,410
		12/31/2018											$391,661,116
		12/31/2019											$393,462,239
		12/31/2020											$337,041,785

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

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

Arizona

Local Products / Completed Operations
Subline Code 336
Combined Single Limit

Implicit Package Modification Factors (A) by Type of Policy

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

(A)   Implicit Package Modification Factors shown above reflect the package modifications currently in the ISO manual for Local Product / Completed Operations for each type of package policy. More specifically, the G.L. and Property Implicit Package Modification Factors are calculated so that they average to the current manual CPP modification factors that apply to both property and liability.

(B)   Combined data for risks written under the ISO CPP Program and individual insurer CMP programs have been used. These Implicit Package Modification Factors were applied to the aggregate loss costs at current level in each accident year. The average implicit package modification factor for each accident year is shown in Section C, Exhibit C16, page 1 - Calculation of Aggregate Loss Costs at Current Level. The difference in average implicit package modification factor results from varying aggregate loss-costs-at-current-level distributions by Type of Policy in each year.

ARIZONA

LOCAL PRODUCTS/COMPLETED OPERATIONS

FULL & DEDUCTIBLE COMBINED
TOTAL LIMITS PREMIUM

CALCULATION OF EXPOSURE DEVELOPMENT FACTORS

(1) Evaluation Period	(2) Multistate Ratio (a)	(3) State Ratio (b)	(4) Credibility (c)	(5) Weighted Ratio (d)	(6) Credibility Constant(Ki)
15 to 27 Months	1.020	1.028	0.9387	1.028	3,000,000
27 to 39 Months	1.000	0.999	0.5545	0.999	35,000,000

Accident Year Ending	Exposure Development From 27:15	39:27	ULT:39	Factor
12/31/2018			1.000	1.000
12/31/2019		0.999	1.000	0.999
12/31/2020	1.028	0.999	1.000	1.027

(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) x (4)} + {(2) x {1.000-(4)}}

@ An adjustment of 0.950 has been subsequently applied to the exposure development factor for the latest year to
  reflect the reduced expected exposure for LPCO due to the COVID-19 pandemic and economic recession in 2020.
  The resulting exposure development factor is displayed on Exhibit C16, page 1 and is reflected in the
  calculation of the ALCCL for the latest year. The derivation of this adjustment is explained in Section D.

ARIZONA
LOCAL PRODUCTS/COMPLETED OPERATIONS

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

Accident Year Ending	15 Months	27 Months	39 Months	51 Months	63 Months	75 Months	87 Months	99 Months
12/31/2013	12,740,135	12,897,545	12,878,407	12,874,053	12,875,131	12,875,131	12,875,131	12,875,131
12/31/2014	13,319,831	13,420,171	13,417,478	13,418,579	13,419,351	13,419,351	13,419,351	
12/31/2015	13,151,454	13,440,826	13,439,963	13,438,730	13,438,730	13,438,730		
12/31/2016	13,166,149	13,641,963	13,633,450	13,633,955	13,634,506			
12/31/2017	13,734,495	13,948,154	13,926,104	13,927,696				
12/31/2018	15,362,850	15,979,242	15,958,159					
12/31/2019	16,804,179	17,252,591						
12/31/2020	17,874,656							

LINK RATIOS

Accident Year Ending	27:15	39:27	51:39	63:51	75:63	87:75	99:87
12/31/2013	1.012	0.999	1.000	1.000	1.000	1.000	1.000
12/31/2014	1.008	1.000	1.000	1.000	1.000	1.000	
12/31/2015	1.022	1.000	1.000	1.000	1.000		
12/31/2016	1.036	0.999	1.000	1.000			
12/31/2017	1.016	0.998	1.000				
12/31/2018	1.040	0.999					
12/31/2019	1.027						

Average Best 3 of 5

27:15	39:27
1.028	0.999

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
12/31/2013	569,620,424	582,769,479	581,838,886	581,761,292	581,778,229	581,773,854	581,787,617	581,787,927
12/31/2014	633,661,240	650,236,924	649,732,134	649,829,615	649,745,518	649,730,829	649,734,929	
12/31/2015	672,293,788	688,502,113	688,234,176	688,247,008	688,205,780	688,201,994		
12/31/2016	695,664,736	713,882,174	713,920,075	714,386,398	714,385,307			
12/31/2017	711,436,924	724,832,761	724,611,925	724,563,433				
12/31/2018	735,694,108	747,778,860	747,276,949					
12/31/2019	746,494,743	757,723,412						
12/31/2020	732,713,772							

LINK RATIOS

Accident Year Ending	27:15	39:27	51:39	63:51	75:63	87:75	99:87
12/31/2013	1.023	0.998	1.000	1.000	1.000	1.000	1.000
12/31/2014	1.026	0.999	1.000	1.000	1.000	1.000	
12/31/2015	1.024	1.000	1.000	1.000	1.000		
12/31/2016	1.026	1.000	1.001	1.000			
12/31/2017	1.019	1.000	1.000				
12/31/2018	1.016	0.999					
12/31/2019	1.015						

Average Best 3 of 5

27:15	39:27
1.020	1.000

ARIZONA

Completed Operations

Bodily Injury
Full Coverage
Incurred Losses Excluding ALAE

Calculation of Loss Development Factors

	(1)	(2)	(3)	(4)	(5)
	Evaluation Period	Multistate Ratio (A)	State Ratio (B)	Credibility (C)	Weighted Ratio (D)	Credibility Constant (K_i)
15 to 27 Months	1.937	12.688	0.0543	1.937*	310,000
27 to 39 Months	1.483	1.464	0.5797	1.472	350,000
39 to 51 Months	1.096	0.959	0.6808	1.003	380,000
51 to 63 Months	1.006	1.000	0.6712	1.002	420,000
63 to 75 Months	0.976	1.000	0.6863	0.992	470,000
75 to 87 Months	1.000	1.000	0.6010	1.000	520,000
87 to 99 Months	0.996	1.000	0.6485	0.999	580,000
99 to 111 Months	0.997	1.006	0.6041	1.002	640,000
111 to 123 Months	0.991	1.000	0.5460	0.996	710,000
123 to 135 Months	0.997	0.998	0.3891	0.997	790,000
135 to 147 Months	0.998	0.996	0.3275	0.997	880,000
147 to 159 Months	0.999	1.001	0.3315	1.000	980,000
159 to 171 Months	0.998	1.000	0.3060	0.999	1,100,000
171 to 183 Months	1.000	1.000	0.2884	1.000	1,200,000
183 to 195 Months	0.999	1.000	0.2302	0.999	1,400,000
195 to 207 Months	0.998	1.000	0.1712	0.998	1,500,000
207 to 219 Months	0.999	1.000	0.0880	0.999	1,700,000
219 to 231 Months	1.000	1.000	0.0308	1.000	1,900,000
231 to 243 Months	1.000	1.000	0.0242	1.000	2,100,000
243 to Ultimate	The Multistate ratio has been used.				

Accident Year Ending	27:15	39:27	51:39	63:51	75:63	87:75	99:87	111:99	123:111	135:123	147:135
12/31/2018			1.003	1.002	0.992	1.000	0.999	1.002	0.996	0.997	0.997
12/31/2019		1.472	1.003	1.002	0.992	1.000	0.999	1.002	0.996	0.997	0.997
12/31/2020	1.937	1.472	1.003	1.002	0.992	1.000	0.999	1.002	0.996	0.997	0.997

	159:147	171:159	183:171	195:183	207:195	219:207	231:219	243:231	ULT:243		Factor
12/31/2018	1.000	0.999	1.000	0.999	0.998	0.999	1.000	1.000	1.000		0.984
12/31/2019	1.000	0.999	1.000	0.999	0.998	0.999	1.000	1.000	1.000		1.448
12/31/2020	1.000	0.999	1.000	0.999	0.998	0.999	1.000	1.000	1.000		2.805

(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) x (4)} + {(2) x {1.000 - (4)}}

* Due to the volatility of Arizona Completed Operations data, the 15 to 27 months multistate ratio was used to calculate ultimate losses.

ARIZONA

Completed Operations
Bodily Injury
Full Coverage
ALAE

Calculation of Cumulative Incremental Factors

	(1)	(2)
	Evaluation Period	Multistate Ratio (A)
15 to 27 Months		0.0607
27 to 39 Months		0.1355
39 to 51 Months		0.1029
51 to 63 Months		0.0794
63 to 75 Months		0.0445
75 to 87 Months		0.0332
87 to 99 Months		0.0053
99 to 111 Months		0.0073
111 to 123 Months		0.0112
123 to 135 Months		0.0003
135 to 147 Months		0.0041
147 to 159 Months		0.0030
159 to 171 Months		0.0020
171 to Ultimate		A multistate ratio of 1.009 has been used.

Cumulative Incremental Factors

Months-to-Ultimate	15	27	39	51	63	75	87
	0.489	0.429	0.293	0.190	0.111	0.066	0.033

Months-to-Ultimate	99	111	123	135	147	159	171
	0.028	0.021	0.009	0.009	0.005	0.002	0.000

Full coverage		$500,000					
	Reported ALAE as of	Ultimate	ALAE	Additional	ALAE at	171-Ultimate	Ultimate
A.Y.E	3/31/2021	Indemnity	Factor	ALAE	171 Months	Factor	ALAE
12/31/2018	173,189	1,178,317	0.293	345,483	518,672	1.009	523,340
12/31/2019	1,501	161,636	0.429	69,293	70,794	1.009	71,432
12/31/2020	2,014	1,085,543	0.489	531,265	533,279	1.009	538,078

(A) See Exhibit C19 - Multistate Loss Development.

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

ARIZONA

Completed Operations

Property Damage
Full Coverage
Incurred Losses Excluding ALAE

Calculation of Loss Development Factors

	(1)	(2)	(3)	(4)	(5)
	Evaluation Period	Multistate Ratio (A)	State Ratio (B)	Credibility (C)	Weighted Ratio (D)	Credibility Constant (K_i)
	15 to 27 Months	1.235	1.238	0.7341	1.237	860,000
	27 to 39 Months	1.117	1.084	0.6912	1.094	940,000
	39 to 51 Months	1.076	1.018	0.7032	1.035	980,000
	51 to 63 Months	1.051	1.015	0.6497	1.028	1,100,000
	63 to 75 Months	1.044	1.077	0.6414	1.065	1,200,000
	75 to 87 Months	1.040	0.965	0.6542	0.991	1,300,000
	87 to 99 Months	1.026	1.014	0.6664	1.018	1,400,000
	99 to 111 Months	1.047	1.048	0.6555	1.048	1,500,000
	111 to 123 Months	1.017	0.945	0.6529	0.970	1,600,000
	123 to 135 Months	1.014	1.085	0.6046	1.057	1,700,000
	135 to 147 Months	1.004	0.965	0.5648	0.982	1,900,000
	147 to 159 Months	1.008	0.949	0.4934	0.979	2,000,000
	159 to 171 Months	1.008	0.934	0.4008	0.978	2,200,000
	171 to 183 Months	1.006	0.994	0.3763	1.001	2,400,000
	183 to 195 Months	1.005	1.000	0.3682	1.003	2,600,000
	195 to 207 Months	1.002	1.000	0.3508	1.001	2,800,000
	207 to 219 Months	1.003	1.000	0.4176	1.002	3,000,000
	219 to 231 Months	1.002	1.000	0.3508	1.001	3,200,000
	231 to 243 Months	1.001	1.000	0.2601	1.001	3,400,000
	243 to Ultimate	The Multistate ratio has been used.				

Accident Year Ending	Loss Development From 27:15	39:27	51:39	63:51	75:63	87:75	99:87	111:99	123:111	135:123	147:135
12/31/2018			1.035	1.028	1.065	0.991	1.018	1.048	0.970	1.057	0.982
12/31/2019		1.094	1.035	1.028	1.065	0.991	1.018	1.048	0.970	1.057	0.982
12/31/2020	1.237	1.094	1.035	1.028	1.065	0.991	1.018	1.048	0.970	1.057	0.982

Accident Year Ending	159:147	171:159	183:171	195:183	207:195	219:207	231:219	243:231	ULT:243		Factor
12/31/2018	0.979	0.978	1.001	1.003	1.001	1.002	1.001	1.001	1.002		1.168
12/31/2019	0.979	0.978	1.001	1.003	1.001	1.002	1.001	1.001	1.002		1.278
12/31/2020	0.979	0.978	1.001	1.003	1.001	1.002	1.001	1.001	1.002		1.581

(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) x (4)} + {(2) x {1.000 - (4)}}

ARIZONA

Completed Operations
Property Damage
Full Coverage
ALAE

Calculation of Cumulative Incremental Factors

	(1)	(2)
	Evaluation Period	Multistate Ratio (A)
15 to 27 Months	0.0603
27 to 39 Months	0.0814
39 to 51 Months	0.0781
51 to 63 Months	0.0610
63 to 75 Months	0.0466
75 to 87 Months	0.0338
87 to 99 Months	0.0242
99 to 111 Months	0.0292
111 to 123 Months	0.0270
123 to 135 Months	0.0266
135 to 147 Months	0.0180
147 to 159 Months	0.0161
159 to 171 Months	0.0084
171 to Ultimate	A multistate ratio of 1.045 has been used.

Cumulative Incremental Factors

Months-to-Ultimate	15	27	39	51	63	75	87
	0.511	0.450	0.369	0.291	0.230	0.183	0.150

Months-to-Ultimate	99	111	123	135	147	159	171
	0.125	0.096	0.069	0.043	0.025	0.008	0.000

Full coverage

A.Y.E	Reported ALAE as of 3/31/2021	$500,000 Ultimate Indemnity	ALAE Factor	Additional ALAE	ALAE at 171 Months	171-Ultimate Factor	Ultimate ALAE
12/31/2018	250,025	1,310,657	0.369	483,632	733,657	1.045	766,672
12/31/2019	379,703	2,487,383	0.450	1,120,317	1,500,020	1.045	1,567,521
12/31/2020	75,920	1,345,330	0.511	687,060	762,980	1.045	797,314

(A) See Exhibit C19 - Multistate Loss Development.

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

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

$100,000 Basic Limit Losses as of :

A.Y.E.	15 Months	27 Months	39 Months	51 Months	63 Months	75 Months	87 Months	99 Months	111 Months	123 Months	135 Months
12/31/2001	10,000	60,000	60,000	32,000	19,000	22,300	52,000	52,000	52,000	52,000	52,000
12/31/2002	0	10,550	24,540	10,441	9,442	8,426	32,426	8,426	8,426	8,426	8,426
12/31/2003	36,165	46,165	63,815	114,181	121,240	109,887	103,158	128,158	103,159	103,158	103,158
12/31/2004	197,091	68,069	283,067	276,947	227,197	196,988	196,990	211,989	200,288	205,288	205,795
12/31/2005	116,533	275,984	328,814	218,483	118,483	118,483	117,745	118,745	177,746	125,751	125,752
12/31/2006	30,744	159,211	221,034	161,334	161,334	135,918	135,916	135,916	135,916	139,222	139,216
12/31/2007	75,800	105,350	127,350	167,250	117,250	117,350	134,518	134,518	234,423	234,418	233,125
12/31/2008	0	105,000	140,000	115,500	115,500	119,667	119,667	119,672	141,667	123,168	115,500
12/31/2009	0	0	15,000	80,000	80,000	80,000	80,003	80,000	80,000	80,000	80,000
12/31/2010	0	40,000	208,000	208,000	340,000	240,000	240,000	240,000	244,500	300,000	300,000
12/31/2011	194,397	652,145	643,045	575,516	554,237	554,237	529,237	529,237	529,237	529,237	
12/31/2012	25,683	82,812	359,837	207,483	207,483	207,483	207,483	207,483	207,483		
12/31/2013	167,348	186,629	332,544	333,379	333,379	333,379	333,379	333,379			
12/31/2014	110,385	201,615	242,283	242,283	242,283	242,283	242,283				
12/31/2015	274,682	397,552	487,500	427,500	452,500	452,500					
12/31/2016	102,500	103,634	187,634	187,634	187,634						
12/31/2017	12,000	40,342	135,342	45,342							
12/31/2018	5,300	338,680	458,680								
12/31/2019	500	16,627									
12/31/2020	198,152										

A.Y.E.	147 Months	159 Months	171 Months	183 Months	195 Months	207 Months	219 Months	231 Months	243 Months
12/31/2001	52,000	52,000	52,000	52,000	52,000	52,000	52,000	52,000	52,000
12/31/2002	8,426	8,426	8,426	8,426	8,426	8,426	8,426	8,426	
12/31/2003	103,158	103,158	103,158	103,158	103,658	103,658	103,658		
12/31/2004	205,804	232,793	232,788	197,788	197,788	197,788			
12/31/2005	117,746	117,745	117,745	117,745	117,745				
12/31/2006	140,216	135,916	135,916	135,916					
12/31/2007	230,250	231,250	231,250						
12/31/2008	115,500	115,500							
12/31/2009	80,000								

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

Link Ratios

A.Y.E.	27:15	39:27	51:39	63:51	75:63	87:75	99:87	111:99	123:111	135:123	147:135
12/31/2001	6.000	1.000	0.533	0.594	1.174	2.332	1.000	1.000	1.000	1.000	1.000
12/31/2002		2.326	0.425	0.904	0.892	3.848	0.260	1.000	1.000	1.000	1.000
12/31/2003	1.277	1.382	1.789	1.062	0.906	0.939	1.242	0.805	1.000	1.000	1.000
12/31/2004	0.345	4.159	0.978	0.820	0.867	1.000	1.076	0.945	1.025	1.002	1.000
12/31/2005	2.368	1.191	0.664	0.542	1.000	0.994	1.008	1.497	0.707	1.000	0.936
12/31/2006	5.179	1.388	0.730	1.000	0.842	1.000	1.000	1.000	1.024	1.000	1.007
12/31/2007	1.390	1.209	1.313	0.701	1.001	1.146	1.000	1.743	1.000	0.994	0.988
12/31/2008		1.333	0.825	1.000	1.036	1.000	1.000	1.184	0.869	0.938	1.000
12/31/2009			5.333	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
12/31/2010		5.200	1.000	1.635	0.706	1.000	1.000	1.019	1.227	1.000	
12/31/2011	3.355	0.986	0.895	0.963	1.000	0.955	1.000	1.000	1.000		
12/31/2012	3.224	4.345	0.577	1.000	1.000	1.000	1.000	1.000			
12/31/2013	1.115	1.782	1.003	1.000	1.000	1.000	1.000				
12/31/2014	1.826	1.202	1.000	1.000	1.000	1.000					
12/31/2015	1.447	1.226	0.877	1.058	1.000						
12/31/2016	1.011	1.811	1.000	1.000							
12/31/2017	3.362	3.355	0.335								
12/31/2018	63.902	1.354									
12/31/2019	33.254										
3 Yr Mean	33.506	2.173	0.737	1.019	1.000	1.000	1.000	1.006	1.076	0.979	0.996
Best 3/5	12.688	1.464	0.959	1.000	1.000	1.000	1.000	1.006	1.000	0.998	0.996

A.Y.E.	159:147	171:159	183:171	195:183	207:195	219:207	231:219	243:231
12/31/2001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
12/31/2002	1.000	1.000	1.000	1.000	1.000	1.000	1.000	**1.000**
12/31/2003	1.000	1.000	1.000	1.005	1.000	1.000	**1.000**	1.000
12/31/2004	1.131	1.000	0.850	1.000	1.000	**1.000**	1.000	1.000
12/31/2005	1.000	1.000	1.000	1.000	**1.000**	1.000	1.000	1.000
12/31/2006	0.969	1.000	1.000					
12/31/2007	1.004	1.000						
12/31/2008	1.000							
3 Yr Mean	0.991	1.000	0.950	1.002	*1.000*	*1.000*	*1.000*	*1.000*
Best 3/5	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000

Development From

A.Y.E.	15/ 27	27/ 39	39/ 51	51/ 63	63/ 75	75/ 87	87/ 99	99/111	111/123	123/135	135/147
12/31/2016					1.000	1.000	1.000	1.006	1.000	0.998	0.996
12/31/2017				1.000	1.000	1.000	1.000	1.006	1.000	0.998	0.996
12/31/2018			0.959	1.000	1.000	1.000	1.000	1.006	1.000	0.998	0.996
12/31/2019		1.464	0.959	1.000	1.000	1.000	1.000	1.006	1.000	0.998	0.996
12/31/2020	12.688	1.464	0.959	1.000	1.000	1.000	1.000	1.006	1.000	0.998	0.996

A.Y.E.	147/159	159/171	171/183	183/195	195/207	207/219	219/231	231/243	243/Ult		FACTORS
12/31/2016	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	**1.000**		1.001
12/31/2017	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	**1.000**		1.001
12/31/2018	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	**1.000**		0.960
12/31/2019	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	**1.000**		1.405
12/31/2020	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	**1.000**		17.831

Bold - Calculated Using Modified Bondy Method

Italics - Three year mean Excludes Modified Bondy ratios

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

Allocated Expenses as of:

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
12/31/2001	67	69,567	99,556	118,969	128,395	131,336	143,045	143,045	143,045	143,045	143,045
12/31/2002	0	0	2,882	6,251	7,270	7,270	21,140	41,511	41,511	41,511	41,511
12/31/2003	2,494	22,337	81,189	126,697	171,261	214,386	226,954	241,954	226,954	227,390	227,406
12/31/2004	15,975	42,713	154,180	167,045	198,399	211,881	221,881	221,881	213,054	215,554	243,054
12/31/2005	10,027	46,176	99,242	102,351	104,508	104,258	136,222	141,495	161,496	167,878	167,878
12/31/2006	827	27,313	52,995	99,297	94,608	111,834	109,607	109,607	109,607	119,607	119,607
12/31/2007	0	15,001	151,430	207,081	165,756	165,756	187,828	189,864	249,864	249,864	249,865
12/31/2008	1,842	8,413	66,616	70,803	70,803	70,803	70,803	70,803	70,803	70,803	70,803
12/31/2009	0	0	12,529	61,012	100,313	105,269	105,269	105,269	105,269	105,269	105,269
12/31/2010	0	41,500	133,105	159,706	192,476	196,753	196,768	196,763	259,993	335,272	335,248
12/31/2011	13,910	46,055	161,157	292,692	350,726	350,989	351,077	351,077	351,077	351,077	
12/31/2012	0	32,655	178,263	227,988	227,981	227,981	227,981	227,981	227,981		
12/31/2013	16,046	92,053	206,160	252,069	295,433	305,114	296,396	296,396			
12/31/2014	800	14,287	55,291	111,790	108,790	108,790	108,790				
12/31/2015	34,881	68,699	129,662	128,166	128,166	128,166					
12/31/2016	1,144	1,175	41,272	126,905	149,640						
12/31/2017	49	35,308	68,014	67,986							
12/31/2018	0	41,243	161,012								
12/31/2019	0	1,501									
12/31/2020	3,281										

A.Y.E	147 Months	159 Months	171 Months	183 Months	195 Months	207 Months	219 Months	231 Months	243 Months
12/31/2001	143,045	143,045	143,045	143,045	143,045	143,045	143,045	143,045	143,045
12/31/2002	41,511	41,511	41,511	41,511	41,511	41,511	41,511	41,511	
12/31/2003	227,406	227,406	227,406	227,406	227,406	227,406	227,406		
12/31/2004	248,054	219,517	222,017	219,622	219,622	219,622			
12/31/2005	142,878	142,878	142,878	142,878	142,878				
12/31/2006	117,739	113,471	113,471	113,471					
12/31/2007	245,317	260,317	260,316						
12/31/2008	70,803	70,803							
12/31/2009	105,269								

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

$100,000 Basic Limit Losses as of :

A.Y.E.	15 Months	27 Months	39 Months	51 Months	63 Months	75 Months	87 Months	99 Months	111 Months	123 Months	135 Months
12/31/2001	468,732	910,348	1,164,441	1,222,453	953,717	908,765	1,098,617	1,179,573	1,312,160	1,225,815	1,281,447
12/31/2002	149,635	193,059	283,543	284,573	406,819	452,278	493,279	634,953	571,829	552,412	537,506
12/31/2003	450,909	436,592	242,968	286,896	377,757	396,544	387,808	380,199	375,199	375,199	496,413
12/31/2004	104,284	121,897	192,599	202,600	285,655	288,285	374,383	346,275	503,775	712,282	765,821
12/31/2005	169,862	192,643	218,655	349,049	469,051	427,795	439,387	330,283	494,523	559,735	576,747
12/31/2006	108,230	73,534	125,286	234,205	170,845	289,336	280,832	412,819	571,538	495,989	583,442
12/31/2007	193,924	194,626	434,416	240,547	245,540	209,670	269,535	391,674	452,112	485,493	529,538
12/31/2008	529,565	687,061	773,969	637,501	641,535	787,297	1,475,043	1,011,885	1,098,836	787,670	1,028,632
12/31/2009	561,942	741,410	650,805	726,859	842,628	850,007	877,854	1,171,637	1,006,361	922,711	907,253
12/31/2010	449,595	521,110	665,688	738,884	839,836	1,048,526	1,019,989	852,544	950,373	889,435	879,708
12/31/2011	959,676	1,121,500	929,086	1,071,448	1,125,711	1,208,050	1,001,337	965,291	1,053,058	1,032,787	
12/31/2012	747,986	715,482	927,771	876,134	920,328	1,047,621	959,583	1,036,699	1,001,474		
12/31/2013	768,401	712,324	764,282	815,477	889,544	829,404	835,134	834,134			
12/31/2014	561,921	607,922	731,445	552,573	500,870	582,160	678,406				
12/31/2015	579,123	739,419	802,857	801,340	755,903	770,598					
12/31/2016	472,637	678,372	693,106	686,085	721,798						
12/31/2017	602,282	721,255	825,924	937,005							
12/31/2018	568,477	704,309	690,942								
12/31/2019	1,203,097	1,369,656									
12/31/2020	645,664										

A.Y.E.	147 Months	159 Months	171 Months	183 Months	195 Months	207 Months	219 Months	231 Months	243 Months
12/31/2001	1,282,562	1,194,959	1,194,959	1,194,958	1,194,958	1,194,958	1,194,958	1,194,958	1,194,958
12/31/2002	547,271	574,221	570,996	534,256	534,256	534,256	534,256	534,256	
12/31/2003	440,221	421,699	421,699	421,699	421,699	421,699	421,699		
12/31/2004	667,342	576,750	513,109	504,109	557,113	554,109			
12/31/2005	532,270	591,434	539,434	589,382	574,141				
12/31/2006	419,145	464,041	395,582	395,582					
12/31/2007	548,224	415,970	415,970						
12/31/2008	980,330	859,564							
12/31/2009	923,804								

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

Link Ratios

A.Y.E.	27:15	39:27	51:39	63:51	75:63	87:75	99:87	111:99	123:111	135:123	147:135
12/31/2001	1.942	1.279	1.050	0.780	0.953	1.209	1.074	1.112	0.934	1.045	1.001
12/31/2002	1.290	1.469	1.004	1.430	1.112	1.091	1.287	0.901	0.966	0.973	1.018
12/31/2003	0.968	0.557	1.181	1.317	1.050	0.978	0.980	0.987	1.000	1.323	0.887
12/31/2004	1.169	1.580	1.052	1.410	1.009	1.299	0.925	1.455	1.414	1.075	0.871
12/31/2005	1.134	1.135	1.596	1.344	0.912	1.027	0.752	1.497	1.132	1.030	0.923
12/31/2006	0.679	1.704	1.869	0.729	1.694	0.971	1.470	1.384	0.868	1.176	0.718
12/31/2007	1.004	2.232	0.554	1.021	0.854	1.286	1.453	1.154	1.074	1.091	1.035
12/31/2008	1.297	1.126	0.824	1.006	1.227	1.874	0.686	1.086	0.717	1.306	0.953
12/31/2009	1.319	0.878	1.117	1.159	1.009	1.033	1.335	0.859	0.917	0.983	1.018
12/31/2010	1.159	1.277	1.110	1.137	1.248	0.973	0.836	1.115	0.936	0.989	
12/31/2011	1.169	0.828	1.153	1.051	1.073	0.829	0.964	1.091	0.981		
12/31/2012	0.957	1.297	0.944	1.050	1.138	0.916	1.080	0.966			
12/31/2013	0.927	1.073	1.067	1.091	0.932	1.007	0.999				
12/31/2014	1.082	1.203	0.755	0.906	1.162	1.165					
12/31/2015	1.277	1.086	0.998	0.943	1.019						
12/31/2016	1.435	1.022	0.990	1.052							
12/31/2017	1.198	1.145	1.134								
12/31/2018	1.239	0.981									
12/31/2019	1.138										
3 Yr Mean	1.192	1.049	1.041	0.967	1.038	1.029	1.014	1.057	0.945	1.093	1.002
Best 3/5	1.238	1.084	1.018	1.015	1.077	0.965	1.014	1.048	0.945	1.085	0.965

	159:147	171:159	183:171	195:183	207:195	219:207	231:219	243:231
12/31/2001	0.932	1.000	1.000	1.000	1.000	1.000	1.000	1.000
12/31/2002	1.049	0.994	0.936	1.000	1.000	1.000	1.000	**1.000**
12/31/2003	0.958	1.000	1.000	1.000	1.000	1.000	**1.000**	**1.000**
12/31/2004	0.864	0.890	0.982	1.105	0.995	**1.000**	**1.000**	**1.000**
12/31/2005	1.111	0.912	1.093	0.974	**1.000**	**1.000**	**1.000**	**1.000**
12/31/2006	1.107	0.852	1.000					
12/31/2007	0.759	1.000						
12/31/2008	0.877							
3 Yr Mean	0.914	0.921	1.025	1.026	*0.998*	*1.000*	*1.000*	*1.000*
Best 3/5	0.949	0.934	0.994	1.000	1.000	1.000	1.000	1.000

Development From

A.Y.E.	15/ 27	27/ 39	39/ 51	51/ 63	63/ 75	75/ 87	87/ 99	99/111	111/123	123/135	135/147
12/31/2016					1.077	0.965	1.014	1.048	0.945	1.085	0.965
12/31/2017				1.015	1.077	0.965	1.014	1.048	0.945	1.085	0.965
12/31/2018			1.018	1.015	1.077	0.965	1.014	1.048	0.945	1.085	0.965
12/31/2019		1.084	1.018	1.015	1.077	0.965	1.014	1.048	0.945	1.085	0.965
12/31/2020	1.238	1.084	1.018	1.015	1.077	0.965	1.014	1.048	0.945	1.085	0.965

A.Y.E.	147/159	159/171	171/183	183/195	195/207	207/219	219/231	231/243	243/Ult		FACTORS
12/31/2016	0.949	0.934	0.994	1.000	1.000	1.000	1.000	1.000	**1.000**		0.963
12/31/2017	0.949	0.934	0.994	1.000	1.000	1.000	1.000	1.000	**1.000**		0.977
12/31/2018	0.949	0.934	0.994	1.000	1.000	1.000	1.000	1.000	**1.000**		0.995
12/31/2019	0.949	0.934	0.994	1.000	1.000	1.000	1.000	1.000	**1.000**		1.078
12/31/2020	0.949	0.934	0.994	1.000	1.000	1.000	1.000	1.000	**1.000**		1.335

Bold - Calculated Using Modified Bondy Method
Italics - Three year mean Excludes Modified Bondy ratios

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

Allocated Expenses as of:

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
12/31/2001	57,742	124,985	273,705	448,693	589,021	629,620	746,996	934,020	918,576	1,286,265	1,394,734
12/31/2002	3,987	13,852	105,861	175,258	308,948	327,176	369,879	399,296	534,005	583,890	576,374
12/31/2003	17,852	38,002	76,814	171,189	259,811	285,205	331,704	363,893	351,500	351,500	351,500
12/31/2004	720	31,781	71,054	116,873	137,553	170,993	223,078	322,574	417,208	453,543	466,185
12/31/2005	12,137	48,673	63,713	117,489	179,339	229,719	303,751	300,169	365,550	452,036	703,693
12/31/2006	312	5,313	45,250	54,223	97,682	119,143	113,561	121,090	157,797	203,170	201,736
12/31/2007	17,918	72,790	237,019	354,418	356,788	358,096	365,785	383,196	403,992	424,535	460,891
12/31/2008	38,241	87,114	192,151	388,413	446,969	503,243	545,096	648,963	757,791	733,135	792,307
12/31/2009	40,206	94,367	207,365	526,815	557,895	662,769	876,524	1,120,645	1,312,265	1,466,184	1,757,657
12/31/2010	112,476	162,600	427,509	677,884	881,413	1,148,422	1,318,551	1,404,773	1,467,346	1,455,711	1,450,718
12/31/2011	34,114	126,364	346,970	445,331	470,107	502,069	551,598	631,739	738,538	833,104	
12/31/2012	29,288	183,086	385,796	531,966	582,261	726,163	769,147	958,488	1,031,076		
12/31/2013	34,833	116,467	303,111	325,053	368,379	372,372	402,372	401,340			
12/31/2014	16,338	56,316	85,912	150,744	184,847	303,590	494,317				
12/31/2015	42,151	115,247	312,156	431,697	535,089	753,089					
12/31/2016	54,241	103,993	188,916	242,149	312,628						
12/31/2017	34,338	96,261	221,761	346,841							
12/31/2018	12,382	41,501	149,065								
12/31/2019	101,661	314,912									
12/31/2020	73,112										

A.Y.E	147 Months	159 Months	171 Months	183 Months	195 Months	207 Months	219 Months	231 Months	243 Months
12/31/2001	1,424,925	1,330,005	1,330,005	1,330,004	1,330,004	1,330,004	1,330,004	1,330,004	1,330,004
12/31/2002	592,389	642,743	645,968	646,326	646,326	646,326	646,326	646,326	
12/31/2003	370,979	404,206	404,206	404,206	404,206	404,206	404,206		
12/31/2004	514,757	558,843	563,953	563,953	563,953	563,953			
12/31/2005	788,756	810,421	784,588	787,089	816,049				
12/31/2006	207,377	214,022	216,434	216,434					
12/31/2007	585,891	584,946	584,946						
12/31/2008	829,619	738,430							
12/31/2009	1,814,982								

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.	15 Months	27 Months	39 Months	51 Months	63 Months	75 Months	87 Months	99 Months	111 Months	123 Months	135 Months
12/31/2001	3,147,078	6,896,988	8,875,281	10,046,243	10,620,531	10,703,951	10,537,468	10,264,845	10,160,243	10,055,790	10,073,660
12/31/2002	3,349,953	7,504,472	9,980,311	10,739,114	11,413,833	11,434,178	11,751,055	11,912,776	12,182,408	12,243,705	12,289,423
12/31/2003	3,649,739	6,374,007	9,855,117	10,643,030	10,242,425	10,113,158	9,882,735	9,868,429	9,834,268	9,874,169	9,925,179
12/31/2004	4,757,435	7,076,456	10,018,649	11,038,981	10,911,750	10,393,111	10,691,625	10,728,349	10,632,689	10,647,852	10,752,710
12/31/2005	4,388,186	7,349,450	10,380,236	11,465,857	11,224,487	11,436,013	11,806,649	11,841,938	11,764,344	11,856,280	11,811,195
12/31/2006	4,372,298	8,089,789	12,492,545	12,978,217	13,081,177	13,131,237	13,054,276	13,267,905	13,295,194	13,209,873	13,136,763
12/31/2007	4,250,969	8,135,511	11,041,182	12,209,314	12,449,290	12,387,300	12,262,055	12,457,694	12,654,602	12,440,127	12,420,714
12/31/2008	4,477,051	8,264,530	11,488,937	12,110,190	11,987,286	11,962,581	12,556,381	12,168,790	12,203,692	12,176,916	12,347,240
12/31/2009	4,907,998	7,752,213	10,808,572	11,576,578	11,824,807	12,292,444	11,997,164	11,984,581	11,870,178	11,711,846	11,647,048
12/31/2010	4,721,679	9,336,500	11,545,716	13,188,578	14,357,791	14,498,891	14,053,221	14,009,560	13,901,793	13,754,381	13,741,641
12/31/2011	4,620,940	7,448,310	11,185,270	13,258,681	13,188,819	12,167,277	12,217,175	12,158,853	12,121,262	12,249,695	
12/31/2012	3,302,219	7,262,096	12,634,510	12,536,192	12,812,144	12,943,715	12,617,561	12,462,532	12,485,530		
12/31/2013	4,009,181	9,369,084	11,434,028	12,651,725	13,042,877	12,917,785	13,175,334	13,140,939			
12/31/2014	5,251,712	8,139,870	11,970,780	12,429,496	12,296,522	11,667,914	12,184,968				
12/31/2015	4,203,829	7,522,589	11,691,801	12,434,112	12,525,633	12,383,350					
12/31/2016	2,785,029	7,659,646	11,294,119	12,635,136	12,508,438						
12/31/2017	3,924,898	7,829,465	11,188,746	12,973,593							
12/31/2018	4,458,937	8,768,380	13,200,319								
12/31/2019	5,322,602	9,847,022									
12/31/2020	4,903,960										

A.Y.E	147 Months	159 Months	171 Months	183 Months	195 Months	207 Months	219 Months	231 Months	243 Months
12/31/2001	10,144,561	10,148,345	10,185,387	10,228,594	10,205,230	10,175,029	10,270,074	10,275,530	10,275,531
12/31/2002	12,227,628	12,258,161	12,402,395	12,403,105	12,390,567	12,434,695	12,434,695	12,405,696	
12/31/2003	9,960,683	9,973,730	10,012,480	9,992,481	9,992,981	9,965,981	9,961,119		
12/31/2004	10,813,480	11,009,940	10,949,224	10,956,225	10,982,059	10,953,548			
12/31/2005	11,704,456	11,661,548	11,600,207	11,585,072	11,571,475				
12/31/2006	13,138,757	13,131,204	13,128,204	13,156,954					
12/31/2007	12,445,209	12,358,881	12,354,882						
12/31/2008	12,269,716	12,290,022							
12/31/2009	11,646,625								

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

Link Ratios

A.Y.E.	27:15	39:27	51:39	63:51	75:63	87:75	99:87	111:99	123:111	135:123	147:135
12/31/2001	2.192	1.287	1.132	1.057	1.008	0.984	0.974	0.990	0.990	1.002	1.007
12/31/2002	2.240	1.330	1.076	1.063	1.002	1.028	1.014	1.023	1.005	1.004	0.995
12/31/2003	1.746	1.546	1.080	0.962	0.987	0.977	0.999	0.997	1.004	1.005	1.004
12/31/2004	1.487	1.416	1.102	0.988	0.952	1.029	1.003	0.991	1.001	1.010	1.006
12/31/2005	1.675	1.412	1.105	0.979	1.019	1.032	1.003	0.993	1.008	0.996	0.991
12/31/2006	1.850	1.544	1.039	1.008	1.004	0.994	1.016	1.002	0.994	0.994	1.000
12/31/2007	1.914	1.357	1.106	1.020	0.995	0.990	1.016	1.016	0.983	0.998	1.002
12/31/2008	1.846	1.390	1.054	0.990	0.998	1.050	0.969	1.003	0.998	1.014	0.994
12/31/2009	1.580	1.394	1.071	1.021	1.040	0.976	0.999	0.990	0.987	0.994	1.000
12/31/2010	1.977	1.237	1.142	1.089	1.010	0.969	0.997	0.992	0.989	0.999	
12/31/2011	1.612	1.502	1.185	0.995	0.923	1.004	0.995	0.997	1.011		
12/31/2012	2.199	1.740	0.992	1.022	1.010	0.975	0.988	1.002			
12/31/2013	2.337	1.220	1.106	1.031	0.990	1.020	0.997				
12/31/2014	1.550	1.471	1.038	0.989	0.949	1.044					
12/31/2015	1.789	1.554	1.063	1.007	0.989						
12/31/2016	2.750	1.474	1.119	0.990							
12/31/2017	1.995	1.429	1.160								
12/31/2018	1.966	1.505									
12/31/2019	1.850										
3 Yr Mean	1.937	1.469	1.114	0.995	0.976	1.013	0.993	0.997	0.996	1.002	0.999
Best 3/5	1.937	1.483	1.096	1.006	0.976	1.000	0.996	0.997	0.991	0.997	0.998

A.Y.E.	159:147	171:159	183:171	195:183	207:195	219:207	231:219	243:231
12/31/2001	1.000	1.004	1.004	0.998	0.997	1.009	1.001	1.000
12/31/2002	1.002	1.012	1.000	0.999	1.004	1.000	0.998	**1.000**
12/31/2003	1.001	1.004	0.998	1.000	0.997	1.000	**1.000**	**1.000**
12/31/2004	1.018	0.994	1.001	1.002	0.997	**0.998**	**1.000**	**1.000**
12/31/2005	0.996	0.995	0.999	0.999	**0.999**	**0.998**	**1.000**	**1.000**
12/31/2006	0.999	1.000	1.002					
12/31/2007	0.993	1.000						
12/31/2008	1.002							
3 Yr Mean	0.998	0.998	1.001	1.000	*0.999*	*1.003*	*1.000*	*1.000*
Best 3/5	0.999	0.998	1.000	0.999	0.998	0.999	1.000	1.000

Development From

A.Y.E.	15/ 27	27/ 39	39/ 51	51/ 63	63/ 75	75/ 87	87/ 99	99/111	111/123	123/135	135/147
12/31/2016					0.976	1.000	0.996	0.997	0.991	0.997	0.998
12/31/2017				1.006	0.976	1.000	0.996	0.997	0.991	0.997	0.998
12/31/2018			1.096	1.006	0.976	1.000	0.996	0.997	0.991	0.997	0.998
12/31/2019		1.483	1.096	1.006	0.976	1.000	0.996	0.997	0.991	0.997	0.998
12/31/2020	1.937	1.483	1.096	1.006	0.976	1.000	0.996	0.997	0.991	0.997	0.998

A.Y.E	147/159	159/171	171/183	183/195	195/207	207/219	219/231	231/243	243/Ult		FACTORS
12/31/2016	0.999	0.998	1.000	0.999	0.998	0.999	1.000	1.000	**1.000**		0.949
12/31/2017	0.999	0.998	1.000	0.999	0.998	0.999	1.000	1.000	**1.000**		0.955
12/31/2018	0.999	0.998	1.000	0.999	0.998	0.999	1.000	1.000	**1.000**		1.046
12/31/2019	0.999	0.998	1.000	0.999	0.998	0.999	1.000	1.000	**1.000**		1.552
12/31/2020	0.999	0.998	1.000	0.999	0.998	0.999	1.000	1.000	**1.000**		3.006

Bold - Calculated Using Modified Bondy Method
Italics - Three year mean Excludes Modified Bondy ratios

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

$100,000 Basic Limit Losses as of :

A.Y.E.	15 Months	27 Months	39 Months	51 Months	63 Months	75 Months	87 Months	99 Months	111 Months	123 Months	135 Months
12/31/2001	331,894	642,993	891,446	943,561	882,283	963,065	1,220,418	1,318,635	1,270,385	1,257,585	1,164,385
12/31/2002	225,354	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	288,668	836,360	809,251	945,480	1,038,731	1,151,931	1,091,573	1,084,398	1,060,094	1,059,595	1,107,645
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	1,066,692	1,261,251	1,154,740	1,304,076	1,245,109	1,194,244	1,135,243	1,250,243	1,234,992
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	
12/31/2012	375,511	1,139,347	1,248,916	1,495,270	1,496,600	1,542,453	1,539,953	1,559,951	1,559,953		
12/31/2013	1,675,399	2,417,513	2,509,315	2,520,332	2,566,081	2,666,580	2,780,580	2,744,447			
12/31/2014	1,846,961	2,365,649	2,733,796	3,042,055	3,126,374	3,079,274	3,024,274				
12/31/2015	979,370	1,452,033	1,836,642	2,324,453	2,231,757	2,134,218					
12/31/2016	1,105,680	2,275,257	2,744,185	2,914,915	3,438,469						
12/31/2017	576,754	1,929,511	2,434,708	2,835,370							
12/31/2018	867,279	1,817,140	2,006,443								
12/31/2019	1,145,940	1,987,525									
12/31/2020	675,886										

A.Y.E.	147 Months	159 Months	171 Months	183 Months	195 Months	207 Months	219 Months	231 Months	243 Months
12/31/2001	1,164,386	1,164,389	1,207,386	1,167,385	1,167,386	1,192,386	1,192,385	1,192,385	1,250,225
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	
12/31/2003	1,350,395	1,327,895	1,327,396	1,327,396	1,427,395	1,427,395	1,427,395		
12/31/2004	836,133	836,034	836,033	936,032	936,032	936,032			
12/31/2005	1,137,449	1,137,448	1,197,697	1,197,447	1,197,447				
12/31/2006	1,338,754	1,438,751	1,438,751	1,438,751					
12/31/2007	1,316,644	1,216,644	1,316,183						
12/31/2008	1,087,813	1,087,902							
12/31/2009	1,234,992								

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

Link Ratios

A.Y.E.	27:15	39:27	51:39	63:51	75:63	87:75	99:87	111:99	123:111	135:123	147:135
12/31/2001	1.937	1.386	1.058	0.935	1.092	1.267	1.080	0.963	0.990	0.926	1.000
12/31/2002	2.870	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	2.897	0.968	1.168	1.099	1.109	0.948	0.993	0.978	1.000	1.045	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	1.122	1.182	0.916	1.129	0.955	0.959	0.951	1.101	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	
12/31/2011	2.667	1.637	1.390	1.020	0.931	1.000	0.999	1.000	1.000		
12/31/2012	3.034	1.096	1.197	1.001	1.031	0.998	1.013	1.000			
12/31/2013	1.443	1.038	1.004	1.018	1.039	1.043	0.987				
12/31/2014	1.281	1.156	1.113	1.028	0.985	0.982					
12/31/2015	1.483	1.265	1.266	0.960	0.956						
12/31/2016	2.058	1.206	1.062	1.180							
12/31/2017	3.345	1.262	1.165								
12/31/2018	2.095	1.104									
12/31/2019	1.734										
3 Yr Mean	2.391	1.191	1.164	1.056	0.993	1.008	1.000	1.024	1.034	0.996	1.061
Best 3/5	1.962	1.208	1.113	1.016	0.991	0.993	1.000	1.004	1.000	0.996	1.010

A.Y.E.	159:147	171:159	183:171	195:183	207:195	219:207	231:219	243:231
12/31/2001	1.000	1.037	0.967	1.000	1.021	1.000	1.000	1.049
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	**1.001**	**1.000**
12/31/2004	1.000	1.000	1.120	1.000	1.000	**1.007**	**1.001**	**1.000**
12/31/2005	1.000	1.053	1.000	1.000	**1.000**	**1.007**	**1.001**	**1.000**
12/31/2006	1.075	1.000	1.000					
12/31/2007	0.924	1.082						
12/31/2008	1.000							
3 Yr Mean	1.000	1.045	1.040	1.025	*1.025*	*1.000*	*1.000*	*1.049*
Best 3/5	1.000	1.018	1.000	1.000	1.007	1.002	1.001	1.000

Development From

A.Y.E.	15/ 27	27/ 39	39/ 51	51/ 63	63/ 75	75/ 87	87/ 99	99/111	111/123	123/135	135/147
12/31/2016					0.991	0.993	1.000	1.004	1.000	0.996	1.010
12/31/2017				1.016	0.991	0.993	1.000	1.004	1.000	0.996	1.010
12/31/2018			1.113	1.016	0.991	0.993	1.000	1.004	1.000	0.996	1.010
12/31/2019		1.208	1.113	1.016	0.991	0.993	1.000	1.004	1.000	0.996	1.010
12/31/2020	1.962	1.208	1.113	1.016	0.991	0.993	1.000	1.004	1.000	0.996	1.010

A.Y.E	147/159	159/171	171/183	183/195	195/207	207/219	219/231	231/243	243/Ult		FACTORS
12/31/2016	1.000	1.018	1.000	1.000	1.007	1.002	1.001	1.000	**1.000**		1.022
12/31/2017	1.000	1.018	1.000	1.000	1.007	1.002	1.001	1.000	**1.000**		1.038
12/31/2018	1.000	1.018	1.000	1.000	1.007	1.002	1.001	1.000	**1.000**		1.156
12/31/2019	1.000	1.018	1.000	1.000	1.007	1.002	1.001	1.000	**1.000**		1.396
12/31/2020	1.000	1.018	1.000	1.000	1.007	1.002	1.001	1.000	**1.000**		2.739

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
12/31/2001	587,008	1,889,146	3,550,668	5,856,381	7,168,728	7,903,785	8,368,970	8,430,480	8,476,824	8,486,021	8,455,250
12/31/2002	1,169,551	2,994,987	5,043,148	8,627,618	9,206,538	10,741,552	11,085,391	11,348,295	11,550,940	11,510,641	11,589,123
12/31/2003	978,713	1,670,549	4,225,724	7,429,308	8,065,784	8,930,285	9,513,063	9,515,524	9,374,718	9,429,364	9,477,574
12/31/2004	605,893	1,765,678	4,948,425	7,044,470	8,755,722	9,738,470	10,829,488	10,640,917	10,721,914	10,765,369	11,088,647
12/31/2005	795,291	1,453,009	4,113,092	6,629,594	7,613,765	8,253,091	8,823,310	9,056,687	9,374,800	9,666,002	9,836,541
12/31/2006	753,264	3,271,051	6,642,171	8,422,745	10,008,218	11,121,786	11,745,290	12,140,359	12,550,559	12,481,640	12,461,226
12/31/2007	892,664	2,555,953	5,739,182	9,440,489	10,542,338	11,144,031	11,497,744	11,758,365	11,936,352	12,049,063	12,077,817
12/31/2008	905,373	2,341,590	4,945,922	6,895,236	8,759,533	9,970,868	10,696,605	11,106,782	11,817,706	15,072,696	14,865,306
12/31/2009	791,142	1,992,556	4,472,318	6,773,904	9,080,901	9,746,049	9,978,384	10,200,048	10,211,487	10,329,205	10,368,802
12/31/2010	828,815	2,796,424	5,490,319	8,295,620	10,683,400	11,725,172	12,584,338	12,717,929	13,101,614	13,166,352	13,173,837
12/31/2011	716,332	2,098,880	4,612,803	7,645,738	9,949,610	11,147,764	11,875,095	11,958,145	12,066,049	12,572,129	
12/31/2012	407,386	1,642,911	5,104,377	7,590,458	9,544,260	11,433,682	12,294,249	11,621,812	11,651,021		
12/31/2013	524,675	2,161,161	4,864,877	7,745,661	9,704,425	10,461,433	10,796,101	10,948,967			
12/31/2014	687,276	2,414,313	5,632,907	7,184,609	8,199,932	9,181,840	9,857,251				
12/31/2015	423,936	1,637,552	4,856,165	6,758,926	8,613,541	9,190,026					
12/31/2016	343,497	1,789,881	3,829,589	7,637,296	9,333,591						
12/31/2017	767,321	2,286,794	5,082,918	7,343,880							
12/31/2018	499,146	2,128,982	5,902,446								
12/31/2019	343,873	1,974,215									
12/31/2020	787,916										

A.Y.E	147 Months	159 Months	171 Months	183 Months	195 Months	207 Months	219 Months	231 Months	243 Months
12/31/2001	8,490,025	8,506,709	8,518,640	8,589,087	8,595,632	8,606,713	8,610,431	8,611,204	8,613,030
12/31/2002	11,658,074	11,845,145	11,933,595	12,047,508	12,061,447	12,320,222	12,365,952	12,400,714	
12/31/2003	9,588,860	9,626,494	9,703,795	9,677,192	9,692,609	9,707,134	9,707,260		
12/31/2004	11,269,026	11,378,607	11,423,036	11,467,881	11,422,482	11,439,868			
12/31/2005	9,976,851	10,204,331	10,281,292	10,156,135	10,131,900				
12/31/2006	12,568,087	12,556,168	12,565,616	12,581,947					
12/31/2007	12,075,337	12,131,961	12,119,116						
12/31/2008	15,085,073	15,099,176							
12/31/2009	10,413,826								

Link Ratios: 171 to Ultimate

A.Y.E	183:171	195:183	207:195	219:207	231:219	243:231	Ult:243
12/31/2001	1.008	1.001	1.001	1.000	1.000	1.000	**1.004**
12/31/2002	1.010	1.001	1.021	1.004	1.003	**1.001**	**1.004**
12/31/2003	0.997	1.002	1.001	1.000	**1.001**	**1.001**	**1.004**
12/31/2004	1.004	0.996	1.002	**1.001**	**1.001**	**1.001**	**1.004**
12/31/2005	0.988	0.998	**1.000**	**1.001**	**1.001**	**1.001**	**1.004**
12/31/2006	1.001						
Best 3/5	1.001	1.000	1.001	1.001	1.001	1.001	1.004

171 to Ultimate Factor: 1.009

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
12/31/2001	1,302,138	1,661,522	2,305,713	1,312,347	735,057	465,185	61,510	46,344	9,197	-30,771	34,775	16,684	11,931
12/31/2002	1,825,436	2,048,161	3,584,470	578,920	1,535,014	343,839	262,904	202,645	-40,299	78,482	68,951	187,071	88,450
12/31/2003	691,836	2,555,175	3,203,584	636,476	864,501	582,778	2,461	-140,806	54,646	48,210	111,286	37,634	77,301
12/31/2004	1,159,785	3,182,747	2,096,045	1,711,252	982,748	1,091,018	-188,571	80,997	43,455	323,278	180,379	109,581	44,429
12/31/2005	657,718	2,660,083	2,516,502	984,171	639,326	570,219	233,377	318,113	291,202	170,539	140,310	227,480	76,961
12/31/2006	2,517,787	3,371,120	1,780,574	1,585,473	1,113,568	623,504	395,069	410,200	-68,919	-20,414	106,861	-11,919	9,448
12/31/2007	1,663,289	3,183,229	3,701,307	1,101,849	601,693	353,713	260,621	177,987	112,711	28,754	-2,480	56,624	-12,845
12/31/2008	1,436,217	2,604,332	1,949,314	1,864,297	1,211,335	725,737	410,177	710,924	3,254,990	-207,390	219,767	14,103	
12/31/2009	1,201,414	2,479,762	2,301,586	2,306,997	665,148	232,335	221,664	11,439	117,718	39,597	45,024		
12/31/2010	1,967,609	2,693,895	2,805,301	2,387,780	1,041,772	859,166	133,591	383,685	64,738	7,485			
12/31/2011	1,382,548	2,513,923	3,032,935	2,303,872	1,198,154	727,331	83,050	107,904	506,080				
12/31/2012	1,235,525	3,461,466	2,486,081	1,953,802	1,889,422	860,567	-672,437	29,209					
12/31/2013	1,636,486	2,703,716	2,880,784	1,958,764	757,008	334,668	152,866						
12/31/2014	1,727,037	3,218,594	1,551,702	1,015,323	981,908	675,411							
12/31/2015	1,213,616	3,218,613	1,902,761	1,854,615	576,485								
12/31/2016	1,446,384	2,039,708	3,807,707	1,696,295									
12/31/2017	1,519,473	2,796,124	2,260,962										
12/31/2018	1,629,836	3,773,464											
12/31/2019	1,630,342												

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
12/31/2001	0.0731	0.0932	0.1294	0.0736	0.0412	0.0261	0.0035	0.0026	0.0005	-0.0017	0.0020	0.0009	0.0007
12/31/2002	0.0765	0.0858	0.1501	0.0243	0.0643	0.0144	0.0110	0.0085	-0.0017	0.0033	0.0029	0.0078	0.0037
12/31/2003	0.0401	0.1481	0.1857	0.0369	0.0501	0.0338	0.0001	-0.0082	0.0032	0.0028	0.0065	0.0022	0.0045
12/31/2004	0.0618	0.1695	0.1117	0.0912	0.0523	0.0581	-0.0100	0.0043	0.0023	0.0172	0.0096	0.0058	0.0024
12/31/2005	0.0280	0.1131	0.1070	0.0418	0.0272	0.0242	0.0099	0.0135	0.0124	0.0072	0.0060	0.0097	0.0033
12/31/2006	0.0978	0.1310	0.0692	0.0616	0.0433	0.0242	0.0154	0.0159	-0.0027	-0.0008	0.0042	-0.0005	0.0004
12/31/2007	0.0742	0.1421	0.1652	0.0492	0.0269	0.0158	0.0116	0.0079	0.0050	0.0013	-0.0001	0.0025	-0.0006
12/31/2008	0.0628	0.1138	0.0852	0.0815	0.0530	0.0317	0.0179	0.0311	0.1423	-0.0091	0.0096	0.0006	
12/31/2009	0.0528	0.1089	0.1011	0.1014	0.0292	0.0102	0.0097	0.0005	0.0052	0.0017	0.0020		
12/31/2010	0.0812	0.1112	0.1158	0.0986	0.0430	0.0355	0.0055	0.0158	0.0027	0.0003			
12/31/2011	0.0639	0.1162	0.1402	0.1065	0.0554	0.0336	0.0038	0.0050	0.0234				
12/31/2012	0.0502	0.1405	0.1009	0.0793	0.0767	0.0349	-0.0273	0.0012					
12/31/2013	0.0715	0.1181	0.1258	0.0855	0.0331	0.0146	0.0067						
12/31/2014	0.0794	0.1479	0.0713	0.0467	0.0451	0.0310							
12/31/2015	0.0575	0.1525	0.0902	0.0879	0.0273								
12/31/2016	0.0625	0.0882	0.1646	0.0733									
12/31/2017	0.0624	0.1148	0.0928										
12/31/2018	0.0621	0.1437											
12/31/2019	0.0551												
Best 3/5	0.0607	0.1355	0.1029	0.0794	0.0445	0.0332	0.0053	0.0073	0.0112	0.0003	0.0041	0.0030	0.0020

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 :

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
12/31/2001	21,694,271	29,470,592	35,236,486	38,919,728	42,004,485	43,339,835	44,204,722	46,355,777	47,816,254	48,364,736	48,426,101
12/31/2002	23,637,624	31,121,739	34,846,238	39,483,093	40,004,694	40,604,716	42,862,894	44,983,999	45,975,996	45,795,168	46,214,900
12/31/2003	26,201,749	31,695,126	35,906,881	36,030,601	38,652,969	39,606,598	40,014,622	41,241,749	42,269,864	42,637,585	43,070,463
12/31/2004	27,384,419	33,738,819	37,142,156	40,712,115	42,675,406	44,996,525	47,198,175	48,323,145	50,022,357	50,869,911	52,212,795
12/31/2005	24,750,857	29,764,556	33,684,105	37,339,202	39,880,547	42,171,213	45,096,318	46,184,771	47,668,344	47,673,908	48,812,846
12/31/2006	31,546,804	37,542,733	43,522,899	48,436,290	53,685,739	55,079,412	56,352,523	56,074,945	56,975,101	57,885,315	59,807,457
12/31/2007	34,852,740	41,736,363	49,917,455	52,387,923	55,073,863	57,285,043	58,383,743	60,435,706	62,257,231	64,140,055	67,147,406
12/31/2008	45,367,350	52,451,927	58,241,620	61,200,600	62,466,988	64,159,032	66,160,860	67,542,596	75,790,432	84,138,435	79,183,267
12/31/2009	48,758,220	57,024,859	63,452,548	64,767,967	66,272,838	67,400,228	68,380,876	71,749,869	77,981,450	78,797,706	78,948,264
12/31/2010	48,144,654	57,184,103	60,770,797	62,719,875	64,866,587	66,667,089	68,576,409	71,159,136	72,652,956	73,266,775	73,711,795
12/31/2011	48,360,698	53,356,466	55,497,542	56,267,929	57,487,719	59,939,140	62,597,155	64,013,113	65,302,529	65,956,455	
12/31/2012	39,575,034	45,103,656	46,491,558	48,858,633	51,816,439	54,523,145	56,449,585	57,263,744	59,145,290		
12/31/2013	35,885,245	40,447,891	44,841,820	47,022,728	49,463,451	51,223,050	53,468,764	54,350,519			
12/31/2014	35,905,762	41,845,234	45,136,747	47,915,694	48,657,190	50,905,721	52,973,437				
12/31/2015	32,673,673	39,066,658	44,551,269	47,868,519	49,826,505	51,938,569					
12/31/2016	32,257,687	42,147,782	46,544,758	50,881,422	54,194,979						
12/31/2017	35,719,050	42,993,798	50,008,075	54,888,152							
12/31/2018	39,011,214	50,179,084	55,600,475								
12/31/2019	42,523,369	51,685,638									
12/31/2020	37,637,809										

A.Y.E	147 Months	159 Months	171 Months	183 Months	195 Months	207 Months	219 Months	231 Months	243 Months
12/31/2001	48,861,292	48,755,670	49,055,620	49,278,862	49,245,437	49,384,046	49,682,439	49,569,521	49,586,742
12/31/2002	46,568,881	46,707,132	46,781,057	46,842,730	47,238,597	47,357,134	47,630,469	47,625,009	
12/31/2003	43,278,514	43,760,313	44,221,706	44,770,694	45,192,045	45,257,900	45,240,498		
12/31/2004	53,128,127	53,710,667	53,910,379	54,181,082	54,345,726	54,083,231			
12/31/2005	49,457,752	49,856,737	50,410,412	51,274,391	51,526,944				
12/31/2006	61,227,274	61,847,664	62,489,873	62,480,134					
12/31/2007	67,772,935	68,272,115	68,533,834						
12/31/2008	77,409,921	77,410,597							
12/31/2009	78,221,590								

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.	27:15	39:27	51:39	63:51	75:63	87:75	99:87	111:99	123:111	135:123	147:135
12/31/2001	1.358	1.196	1.105	1.079	1.032	1.020	1.049	1.032	1.011	1.001	1.009
12/31/2002	1.317	1.120	1.133	1.013	1.015	1.056	1.049	1.022	0.996	1.009	1.008
12/31/2003	1.210	1.133	1.003	1.073	1.025	1.010	1.031	1.025	1.009	1.010	1.005
12/31/2004	1.232	1.101	1.096	1.048	1.054	1.049	1.024	1.035	1.017	1.026	1.018
12/31/2005	1.203	1.132	1.109	1.068	1.057	1.069	1.024	1.032	1.000	1.024	1.013
12/31/2006	1.190	1.159	1.113	1.108	1.026	1.023	0.995	1.016	1.016	1.033	1.024
12/31/2007	1.198	1.196	1.049	1.051	1.040	1.019	1.035	1.030	1.030	1.047	1.009
12/31/2008	1.156	1.110	1.051	1.021	1.027	1.031	1.021	1.122	1.110	0.941	0.978
12/31/2009	1.170	1.113	1.021	1.023	1.017	1.015	1.049	1.087	1.010	1.002	0.991
12/31/2010	1.188	1.063	1.032	1.034	1.028	1.029	1.038	1.021	1.008	1.006	
12/31/2011	1.103	1.040	1.014	1.022	1.043	1.044	1.023	1.020	1.010		
12/31/2012	1.140	1.031	1.051	1.061	1.052	1.035	1.014	1.033			
12/31/2013	1.127	1.109	1.049	1.052	1.036	1.044	1.016				
12/31/2014	1.165	1.079	1.062	1.015	1.046	1.041					
12/31/2015	1.196	1.140	1.074	1.041	1.042						
12/31/2016	1.307	1.104	1.093	1.065							
12/31/2017	1.204	1.163	1.098								
12/31/2018	1.286	1.108									
12/31/2019	1.215										
3 Yr Mean	1.235	1.125	1.088	1.040	1.041	1.040	1.018	1.025	1.009	0.983	0.993
Best 3/5	1.235	1.117	1.076	1.051	1.044	1.040	1.026	1.047	1.017	1.014	1.004

	159:147	171:159	183:171	195:183	207:195	219:207	231:219	243:231
12/31/2001	0.998	1.006	1.005	0.999	1.003	1.006	0.998	1.000
12/31/2002	1.003	1.002	1.001	1.008	1.003	1.006	1.000	**1.001**
12/31/2003	1.011	1.011	1.012	1.009	1.001	1.000	**1.003**	**1.001**
12/31/2004	1.011	1.004	1.005	1.003	0.995	**1.001**	**1.003**	**1.001**
12/31/2005	1.008	1.011	1.017	1.005	**1.005**	**1.001**	**1.003**	**1.001**
12/31/2006	1.010	1.010	1.000					
12/31/2007	1.007	1.004						
12/31/2008	1.000							
3 Yr Mean	1.006	1.008	1.007	1.006	*1.000*	*1.004*	*0.999*	*1.000*
Best 3/5	1.008	1.008	1.006	1.005	1.002	1.003	1.002	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
12/31/2016					1.044	1.040	1.026	1.047	1.017	1.014	1.004
12/31/2017				1.051	1.044	1.040	1.026	1.047	1.017	1.014	1.004
12/31/2018			1.076	1.051	1.044	1.040	1.026	1.047	1.017	1.014	1.004
12/31/2019		1.117	1.076	1.051	1.044	1.040	1.026	1.047	1.017	1.014	1.004
12/31/2020	1.235	1.117	1.076	1.051	1.044	1.040	1.026	1.047	1.017	1.014	1.004

A.Y.E	147/159	159/171	171/183	183/195	195/207	207/219	219/231	231/243	243/Ult		FACTORS
12/31/2016	1.008	1.008	1.006	1.005	1.002	1.003	1.002	1.001	**1.002**		1.253
12/31/2017	1.008	1.008	1.006	1.005	1.002	1.003	1.002	1.001	**1.002**		1.317
12/31/2018	1.008	1.008	1.006	1.005	1.002	1.003	1.002	1.001	**1.002**		1.417
12/31/2019	1.008	1.008	1.006	1.005	1.002	1.003	1.002	1.001	**1.002**		1.583
12/31/2020	1.008	1.008	1.006	1.005	1.002	1.003	1.002	1.001	**1.002**		1.955

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.	15 Months	27 Months	39 Months	51 Months	63 Months	75 Months	87 Months	99 Months	111 Months	123 Months	135 Months
12/31/2001	3,365,915	5,389,121	7,367,580	10,071,047	13,342,921	16,562,164	21,295,801	22,675,702	25,144,800	25,215,873	26,734,003
12/31/2002	3,676,805	5,032,831	7,393,673	9,199,457	10,894,346	13,406,561	15,135,132	16,998,291	19,222,603	19,163,282	19,141,988
12/31/2003	4,139,071	5,996,345	7,577,894	8,315,101	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	6,243,231	8,613,646	9,251,326	9,862,337	11,167,316	11,601,076	11,990,413	12,660,562	13,269,106	13,033,195	13,352,821
12/31/2006	7,443,038	8,885,680	9,852,037	10,388,774	10,467,206	11,301,333	12,002,709	12,471,128	12,732,558	13,524,428	14,174,454
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	16,796,707
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	7,758,903	10,000,228	11,347,289	12,076,299	13,034,983	14,275,279	15,206,568	15,642,102	16,209,001	16,760,269	17,111,924
12/31/2010	8,667,708	10,215,270	10,497,232	11,355,205	12,108,370	12,322,170	12,737,910	13,609,270	13,866,609	14,054,347	14,156,797
12/31/2011	8,161,142	9,986,059	10,967,778	11,060,068	11,803,259	12,498,410	12,978,802	13,419,266	13,331,522	13,434,913	
12/31/2012	7,642,572	8,989,149	9,728,923	10,152,337	11,548,065	12,207,963	12,478,795	13,541,902	13,590,252		
12/31/2013	10,233,846	12,061,338	12,734,079	13,564,759	14,180,554	14,855,246	15,535,915	15,831,738			
12/31/2014	10,258,090	12,071,350	13,798,425	15,331,225	16,104,533	16,992,936	17,777,822				
12/31/2015	12,325,124	15,287,294	16,231,829	16,887,946	18,285,651	19,501,878					
12/31/2016	13,135,079	15,174,420	17,563,956	19,010,219	20,767,980						
12/31/2017	11,835,384	14,246,477	17,148,263	19,197,866							
12/31/2018	12,949,411	15,971,064	19,287,764								
12/31/2019	10,437,734	14,018,654									
12/31/2020	8,747,976										

A.Y.E.	147 Months	159 Months	171 Months	183 Months	195 Months	207 Months	219 Months	231 Months	243 Months
12/31/2001	26,893,100	27,001,945	26,614,387	26,523,762	26,350,855	26,414,102	26,346,552	26,328,552	26,328,552
12/31/2002	19,451,097	19,252,890	18,957,054	18,726,926	18,805,818	18,801,614	18,836,615	18,816,614	
12/31/2003	13,250,211	13,450,781	13,104,289	13,055,595	13,000,589	13,000,589	13,001,589		
12/31/2004	13,544,652	13,714,136	13,719,381	13,707,775	13,638,848	13,627,849			
12/31/2005	13,901,423	14,105,739	14,284,371	14,317,252	14,312,150				
12/31/2006	14,272,138	14,398,165	14,677,540	14,498,537					
12/31/2007	16,943,918	17,173,941	17,355,676						
12/31/2008	18,602,924	19,107,648							
12/31/2009	17,335,779								

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

Link Ratios

A.Y.E.	27:15	39:27	51:39	63:51	75:63	87:75	99:87	111:99	123:111	135:123	147:135
12/31/2001	1.601	1.367	1.367	1.325	1.241	1.286	1.065	1.109	1.003	1.060	1.006
12/31/2002	1.369	1.469	1.244	1.184	1.231	1.129	1.123	1.131	0.997	0.999	1.016
12/31/2003	1.449	1.264	1.097	1.158	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	1.380	1.074	1.066	1.132	1.039	1.034	1.056	1.048	0.982	1.025	1.041
12/31/2006	1.194	1.109	1.054	1.008	1.080	1.062	1.039	1.021	1.062	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	1.003	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	1.289	1.135	1.064	1.079	1.095	1.065	1.029	1.036	1.034	1.021	1.013
12/31/2010	1.179	1.028	1.082	1.066	1.018	1.034	1.068	1.019	1.014	1.007	
12/31/2011	1.224	1.098	1.008	1.067	1.059	1.038	1.034	0.993	1.008		
12/31/2012	1.176	1.082	1.044	1.137	1.057	1.022	1.085	1.004			
12/31/2013	1.179	1.056	1.065	1.045	1.048	1.046	1.019				
12/31/2014	1.177	1.143	1.111	1.050	1.055	1.046					
12/31/2015	1.240	1.062	1.040	1.083	1.067						
12/31/2016	1.155	1.157	1.082	1.092							
12/31/2017	1.204	1.204	1.120								
12/31/2018	1.233	1.208									
12/31/2019	1.343										
3 Yr Mean	1.260	1.190	1.081	1.075	1.057	1.038	1.046	1.005	1.019	1.019	1.011
Best 3/5	1.226	1.168	1.086	1.075	1.057	1.039	1.044	1.020	1.019	1.019	1.011

A.Y.E.	159:147	171:159	183:171	195:183	207:195	219:207	231:219	243:231
12/31/2001	1.004	0.986	0.997	0.993	1.002	0.997	0.999	1.000
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	1.015	1.013	1.002	1.000	**0.998**	**1.000**	**1.000**	**1.000**
12/31/2006	1.009	1.019	0.988					
12/31/2007	1.014	1.011						
12/31/2008	1.027							
3 Yr Mean	1.017	1.014	0.996	0.997	*1.000*	*1.000*	*0.999*	*1.000*
Best 3/5	1.014	1.008	0.994	0.997	1.000	1.000	1.000	1.000

Development From

A.Y.E.	15/ 27	27/ 39	39/ 51	51/ 63	63/ 75	75/ 87	87/ 99	99/111	111/123	123/135	135/147
12/31/2016					1.057	1.039	1.044	1.020	1.019	1.019	1.011
12/31/2017				1.075	1.057	1.039	1.044	1.020	1.019	1.019	1.011
12/31/2018			1.086	1.075	1.057	1.039	1.044	1.020	1.019	1.019	1.011
12/31/2019		1.168	1.086	1.075	1.057	1.039	1.044	1.020	1.019	1.019	1.011
12/31/2020	1.226	1.168	1.086	1.075	1.057	1.039	1.044	1.020	1.019	1.019	1.011

A.Y.E	147/159	159/171	171/183	183/195	195/207	207/219	219/231	231/243	243/Ult		FACTORS
12/31/2016	1.014	1.008	0.994	0.997	1.000	1.000	1.000	1.000	**0.999**		1.242
12/31/2017	1.014	1.008	0.994	0.997	1.000	1.000	1.000	1.000	**0.999**		1.336
12/31/2018	1.014	1.008	0.994	0.997	1.000	1.000	1.000	1.000	**0.999**		1.450
12/31/2019	1.014	1.008	0.994	0.997	1.000	1.000	1.000	1.000	**0.999**		1.694
12/31/2020	1.014	1.008	0.994	0.997	1.000	1.000	1.000	1.000	**0.999**		2.077

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
12/31/2001	3,358,272	6,842,015	12,409,962	17,980,219	22,940,217	28,964,795	35,159,431	40,176,934	44,084,558	46,131,926	47,113,008
12/31/2002	2,740,834	6,154,695	12,229,276	17,426,828	21,139,242	24,115,543	27,844,067	31,235,814	34,335,555	36,046,222	36,974,365
12/31/2003	3,498,017	6,923,098	12,164,508	17,399,135	21,429,416	25,804,680	28,273,383	30,835,977	32,623,350	35,660,042	37,692,746
12/31/2004	3,029,219	6,333,761	12,520,261	18,602,924	23,016,177	27,492,211	33,448,727	38,061,920	43,116,631	46,698,138	50,993,158
12/31/2005	2,444,392	6,068,023	11,219,125	16,653,435	22,256,770	27,131,926	30,956,398	34,894,580	39,450,349	43,066,192	45,318,169
12/31/2006	3,863,618	7,449,616	15,067,535	22,125,041	29,068,461	34,483,990	40,204,674	43,927,237	50,818,935	53,344,031	56,637,205
12/31/2007	4,345,760	8,083,121	15,612,865	21,825,564	28,417,270	33,813,253	38,788,325	44,301,583	48,469,786	52,366,708	56,068,254
12/31/2008	5,277,458	11,397,571	19,661,879	30,229,882	38,556,829	44,836,185	49,092,882	51,734,763	55,758,315	58,957,119	61,671,419
12/31/2009	7,580,084	15,252,231	26,653,980	38,212,715	47,209,324	53,011,656	58,010,648	63,538,476	66,403,078	69,804,607	72,264,249
12/31/2010	6,070,744	14,022,386	24,820,620	36,089,197	42,774,677	48,465,486	53,417,248	55,784,234	58,885,237	59,869,341	60,859,047
12/31/2011	7,259,141	13,891,235	21,042,175	27,473,801	32,420,121	38,078,534	42,940,120	45,034,698	46,694,116	49,091,903	
12/31/2012	5,244,975	11,171,285	18,998,518	26,381,576	34,735,065	38,021,420	40,218,621	42,275,437	45,790,079		
12/31/2013	4,893,341	11,191,326	17,729,264	26,629,535	32,971,771	35,629,039	37,422,274	39,912,605			
12/31/2014	4,583,108	10,427,938	17,747,916	24,166,611	28,358,941	32,775,569	35,592,315				
12/31/2015	4,779,698	10,624,401	18,013,602	24,379,436	30,160,736	35,200,721					
12/31/2016	5,400,779	11,947,730	19,954,768	28,992,199	33,772,660						
12/31/2017	4,108,367	9,553,084	18,203,467	25,018,989							
12/31/2018	3,937,503	11,419,148	19,891,427								
12/31/2019	5,481,368	12,301,948									
12/31/2020	4,815,908										

	147 Months	159 Months	171 Months	183 Months	195 Months	207 Months	219 Months	231 Months	243 Months
12/31/2001	48,001,672	48,503,740	48,690,052	49,127,955	49,674,292	49,832,670	50,138,006	49,925,176	49,990,675
12/31/2002	38,273,601	39,660,495	40,194,432	40,942,575	41,623,025	42,006,578	41,945,441	41,963,322	
12/31/2003	39,045,666	39,642,150	40,566,310	41,334,714	41,524,852	42,137,734	42,384,458		
12/31/2004	54,920,521	57,348,604	58,476,094	58,787,152	59,050,230	59,202,988			
12/31/2005	46,566,782	47,867,350	48,638,840	49,383,047	50,021,227				
12/31/2006	58,655,373	60,233,394	60,189,787	60,657,851					
12/31/2007	57,654,066	59,002,386	59,080,465						
12/31/2008	64,085,245	65,665,913							
12/31/2009	73,744,161								

Link Ratios: 171 to Ultimate

A.Y.E	183:171	195:183	207:195	219:207	231:219	243:231	Ult:243
12/31/2001	1.009	1.011	1.003	1.006	0.996	1.001	**1.004**
12/31/2002	1.019	1.017	1.009	0.999	1.000	**1.002**	**1.004**
12/31/2003	1.019	1.005	1.015	1.006	**1.004**	**1.002**	**1.004**
12/31/2004	1.005	1.004	1.003	**1.004**	**1.004**	**1.002**	**1.004**
12/31/2005	1.015	1.013	**1.007**	**1.004**	**1.004**	**1.002**	**1.004**
12/31/2006	1.008						
Best 3/5	1.014	1.010	1.006	1.005	1.003	1.002	1.004

171 to Ultimate Factor: 1.045

Bold - Calculated Using Modified Bondy Method

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

Increments

A.Y.E.	27:15	39:27	51:39	63:51	75:63	87:75	99:87	111:99	123:111	135:123	147:135	159:147	171:159
12/31/2001	3,483,743	5,567,947	5,570,257	4,959,998	6,024,578	6,194,636	5,017,503	3,907,624	2,047,368	981,082	888,664	502,068	186,312
12/31/2002	3,413,861	6,074,581	5,197,552	3,712,414	2,976,301	3,728,524	3,391,747	3,099,741	1,710,667	928,143	1,299,236	1,386,894	533,937
12/31/2003	3,425,081	5,241,410	5,234,627	4,030,281	4,375,264	2,468,703	2,562,594	1,787,373	3,036,692	2,032,704	1,352,920	596,484	924,160
12/31/2004	3,304,542	6,186,500	6,082,663	4,413,253	4,476,034	5,956,516	4,613,193	5,054,711	3,581,507	4,295,020	3,927,363	2,428,083	1,127,490
12/31/2005	3,623,631	5,151,102	5,434,310	5,603,335	4,875,156	3,824,472	3,938,182	4,555,769	3,615,843	2,251,977	1,248,613	1,300,568	771,490
12/31/2006	3,585,998	7,617,919	7,057,506	6,943,420	5,415,529	5,720,684	3,722,563	6,891,698	2,525,096	3,293,174	2,018,168	1,578,021	-43,607
12/31/2007	3,737,361	7,529,744	6,212,699	6,591,706	5,395,983	4,975,072	5,513,258	4,168,203	3,896,922	3,701,546	1,585,812	1,348,320	78,079
12/31/2008	6,120,113	8,264,308	10,568,003	8,326,947	6,279,356	4,256,697	2,641,881	4,023,552	3,198,804	2,714,300	2,413,826	1,580,668	
12/31/2009	7,672,147	11,401,749	11,558,735	8,996,609	5,802,332	4,998,992	5,527,828	2,864,602	3,401,529	2,459,642	1,479,912		
12/31/2010	7,951,642	10,798,234	11,268,577	6,685,480	5,690,809	4,951,762	2,366,986	3,101,003	984,104	989,706			
12/31/2011	6,632,094	7,150,940	6,431,626	4,946,320	5,658,413	4,861,586	2,094,578	1,659,418	2,397,787				
12/31/2012	5,926,310	7,827,233	7,383,058	8,353,489	3,286,355	2,197,201	2,056,816	3,514,642					
12/31/2013	6,297,985	6,537,938	8,900,271	6,342,236	2,657,268	1,793,235	2,490,331						
12/31/2014	5,844,830	7,319,978	6,418,695	4,192,330	4,416,628	2,816,746							
12/31/2015	5,844,703	7,389,201	6,365,834	5,781,300	5,039,985								
12/31/2016	6,546,951	8,007,038	9,037,431	4,780,461									
12/31/2017	5,444,717	8,650,383	6,815,522										
12/31/2018	7,481,645	8,472,279											
12/31/2019	6,820,580												

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
12/31/2001	0.0488	0.0779	0.0780	0.0694	0.0843	0.0867	0.0702	0.0547	0.0287	0.0137	0.0124	0.0070	0.0026
12/31/2002	0.0490	0.0872	0.0746	0.0533	0.0427	0.0535	0.0487	0.0445	0.0246	0.0133	0.0186	0.0199	0.0077
12/31/2003	0.0529	0.0810	0.0809	0.0623	0.0676	0.0381	0.0396	0.0276	0.0469	0.0314	0.0209	0.0092	0.0143
12/31/2004	0.0407	0.0761	0.0748	0.0543	0.0551	0.0733	0.0568	0.0622	0.0441	0.0528	0.0483	0.0299	0.0139
12/31/2005	0.0489	0.0695	0.0733	0.0756	0.0658	0.0516	0.0531	0.0615	0.0488	0.0304	0.0168	0.0175	0.0104
12/31/2006	0.0388	0.0823	0.0763	0.0750	0.0585	0.0618	0.0402	0.0745	0.0273	0.0356	0.0218	0.0171	-0.0005
12/31/2007	0.0381	0.0767	0.0633	0.0671	0.0550	0.0507	0.0562	0.0425	0.0397	0.0377	0.0162	0.0137	0.0008
12/31/2008	0.0532	0.0718	0.0918	0.0724	0.0546	0.0370	0.0230	0.0350	0.0278	0.0236	0.0210	0.0137	
12/31/2009	0.0647	0.0961	0.0975	0.0759	0.0489	0.0422	0.0466	0.0242	0.0287	0.0207	0.0125		
12/31/2010	0.0727	0.0988	0.1031	0.0612	0.0521	0.0453	0.0217	0.0284	0.0090	0.0091			
12/31/2011	0.0678	0.0731	0.0657	0.0506	0.0578	0.0497	0.0214	0.0170	0.0245				
12/31/2012	0.0663	0.0875	0.0826	0.0934	0.0368	0.0246	0.0230	0.0393					
12/31/2013	0.0706	0.0733	0.0997	0.0711	0.0298	0.0201	0.0279						
12/31/2014	0.0651	0.0815	0.0715	0.0467	0.0492	0.0314							
12/31/2015	0.0624	0.0788	0.0679	0.0617	0.0538								
12/31/2016	0.0687	0.0840	0.0948	0.0501									
12/31/2017	0.0541	0.0859	0.0677										
12/31/2018	0.0635	0.0720											
12/31/2019	0.0551												
Best 3/5	0.0603	0.0814	0.0781	0.0610	0.0466	0.0338	0.0242	0.0292	0.0270	0.0266	0.0180	0.0161	0.0084

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 :

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
12/31/2001	5,941,987	7,466,431	8,490,025	8,885,440	8,770,733	8,941,854	9,042,228	8,986,841	9,031,902	8,960,082	9,008,502
12/31/2002	6,310,455	7,659,113	9,148,926	10,254,755	10,358,149	10,260,676	10,057,780	10,027,762	10,027,962	10,027,640	10,130,141
12/31/2003	4,443,504	6,565,451	9,083,895	9,493,087	9,855,636	9,887,887	9,671,288	9,565,105	9,578,282	9,663,319	9,545,309
12/31/2004	5,198,797	6,553,459	7,915,913	8,542,668	8,341,018	8,090,404	8,156,566	7,999,394	8,047,361	8,068,362	8,039,797
12/31/2005	5,886,133	6,328,061	7,715,091	7,995,950	7,802,764	7,744,478	7,731,992	7,777,443	7,670,006	7,649,005	7,649,005
12/31/2006	5,109,004	6,178,644	7,561,117	7,492,478	7,376,246	7,252,189	7,065,367	7,091,205	7,152,705	7,152,705	7,152,705
12/31/2007	5,010,776	5,619,278	6,952,699	6,944,328	7,180,763	7,066,252	6,913,796	6,691,408	6,581,799	6,596,796	6,596,796
12/31/2008	5,733,899	6,843,792	7,697,791	7,577,473	7,318,031	7,334,850	7,357,767	7,239,016	7,239,016	7,233,016	7,233,016
12/31/2009	6,324,048	7,014,552	8,582,260	8,590,031	8,488,017	8,494,867	8,423,270	8,447,026	8,450,585	8,450,585	8,445,585
12/31/2010	7,034,396	8,333,938	10,024,444	10,144,631	10,436,273	10,272,827	10,227,461	10,225,517	10,225,517	10,220,127	10,224,630
12/31/2011	6,646,493	7,634,335	8,472,635	8,978,314	8,811,831	8,664,823	8,603,014	8,475,341	8,513,345	8,513,245	
12/31/2012	4,732,181	6,064,887	7,176,443	7,427,762	7,482,435	7,432,895	7,380,278	7,330,878	7,330,778		
12/31/2013	5,249,928	6,275,250	7,003,759	6,998,239	6,916,994	6,929,068	7,070,328	7,173,690			
12/31/2014	4,801,456	5,730,169	6,090,861	6,414,414	6,471,973	6,602,122	6,605,394				
12/31/2015	4,993,029	5,243,324	5,973,401	6,441,985	6,369,134	6,220,192					
12/31/2016	3,896,131	5,088,211	6,711,414	6,624,154	6,648,189						
12/31/2017	4,151,898	5,703,872	6,635,165	6,969,710							
12/31/2018	3,939,756	5,412,405	5,997,568								
12/31/2019	4,342,373	5,445,609									
12/31/2020	3,499,361										

A.Y.E	147 Months	159 Months	171 Months	183 Months	195 Months	207 Months	219 Months	231 Months	243 Months
12/31/2001	9,004,261	9,003,261	9,025,161	8,983,661	8,964,026	8,939,786	8,946,786	8,942,926	8,976,534
12/31/2002	10,090,203	10,094,202	10,084,202	10,104,201	10,104,202	10,104,202	10,104,202	10,104,203	
12/31/2003	9,534,309	9,524,309	9,524,309	9,534,309	9,527,114	9,527,114	9,527,115		
12/31/2004	8,041,296	8,039,796	8,039,796	8,039,796	8,039,796	8,039,798			
12/31/2005	7,656,795	7,649,005	7,651,005	7,651,445	7,654,824				
12/31/2006	7,152,705	7,152,705	7,152,705	7,152,705					
12/31/2007	6,596,796	6,596,795	6,596,795						
12/31/2008	7,233,016	7,253,003							
12/31/2009	8,445,585								

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

Link Ratios

A.Y.E.	27:15	39:27	51:39	63:51	75:63	87:75	99:87	111:99	123:111	135:123	147:135
12/31/2001	1.257	1.137	1.047	0.987	1.020	1.011	0.994	1.005	0.992	1.005	1.000
12/31/2002	1.214	1.195	1.121	1.010	0.991	0.980	0.997	1.000	1.000	1.010	0.996
12/31/2003	1.478	1.384	1.045	1.038	1.003	0.978	0.989	1.001	1.009	0.988	0.999
12/31/2004	1.261	1.208	1.079	0.976	0.970	1.008	0.981	1.006	1.003	0.996	1.000
12/31/2005	1.075	1.219	1.036	0.976	0.993	0.998	1.006	0.986	0.997	1.000	1.001
12/31/2006	1.209	1.224	0.991	0.984	0.983	0.974	1.004	1.009	1.000	1.000	1.000
12/31/2007	1.121	1.237	0.999	1.034	0.984	0.978	0.968	0.984	1.002	1.000	1.000
12/31/2008	1.194	1.125	0.984	0.966	1.002	1.003	0.984	1.000	0.999	1.000	1.000
12/31/2009	1.109	1.223	1.001	0.988	1.001	0.992	1.003	1.000	1.000	0.999	1.000
12/31/2010	1.185	1.203	1.012	1.029	0.984	0.996	1.000	1.000	0.999	1.000	
12/31/2011	1.149	1.110	1.060	0.981	0.983	0.993	0.985	1.004	1.000		
12/31/2012	1.282	1.183	1.035	1.007	0.993	0.993	0.993	1.000			
12/31/2013	1.195	1.116	0.999	0.988	1.002	1.020	1.015				
12/31/2014	1.193	1.063	1.053	1.009	1.020	1.000					
12/31/2015	1.050	1.139	1.078	0.989	0.977						
12/31/2016	1.306	1.319	0.987	1.004							
12/31/2017	1.374	1.163	1.050								
12/31/2018	1.374	1.108									
12/31/2019	1.254										
3 Yr Mean	1.334	1.197	1.038	1.001	1.000	1.004	0.998	1.001	1.000	1.000	1.000
Best 3/5	1.311	1.137	1.034	1.000	0.993	0.996	0.999	1.000	1.000	1.000	1.000

	159:147	171:159	183:171	195:183	207:195	219:207	231:219	243:231
12/31/2001	1.000	1.002	0.995	0.998	0.997	1.001	1.000	1.004
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	**1.000**	**1.000**	**1.000**
12/31/2005	0.999	1.000	1.000	1.000	**1.000**	**1.000**	**1.000**	**1.000**
12/31/2006	1.000	1.000	1.000					
12/31/2007	1.000	1.000						
12/31/2008	1.003							
3 Yr Mean	1.001	1.000	1.000	1.000	*1.000*	*1.000*	*1.000*	*1.004*
Best 3/5	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000

Development From

A.Y.E.	15/ 27	27/ 39	39/ 51	51/ 63	63/ 75	75/ 87	87/ 99	99/111	111/123	123/135	135/147
12/31/2016					0.993	0.996	0.999	1.000	1.000	1.000	1.000
12/31/2017				1.000	0.993	0.996	0.999	1.000	1.000	1.000	1.000
12/31/2018			1.034	1.000	0.993	0.996	0.999	1.000	1.000	1.000	1.000
12/31/2019		1.137	1.034	1.000	0.993	0.996	0.999	1.000	1.000	1.000	1.000
12/31/2020	1.311	1.137	1.034	1.000	0.993	0.996	0.999	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
12/31/2016	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	**1.000**		0.988
12/31/2017	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	**1.000**		0.988
12/31/2018	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	**1.000**		1.022
12/31/2019	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	**1.000**		1.162
12/31/2020	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	**1.000**		1.523

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.	15 Months	27 Months	39 Months	51 Months	63 Months	75 Months	87 Months	99 Months	111 Months	123 Months	135 Months
12/31/2001	223,397	250,386	321,536	394,928	360,928	360,928	350,928	350,928	350,928	364,332	364,332
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	244,915	205,040	259,754	177,361	111,576	110,076	84,975	84,975	84,975	84,975
12/31/2004	697,843	657,590	1,063,635	1,241,071	845,010	846,290	823,891	823,890	823,890	823,890	823,890
12/31/2005	641,903	761,351	1,110,820	1,006,327	901,359	984,776	984,775	984,825	984,825	985,454	985,454
12/31/2006	419,639	866,466	845,510	721,656	744,439	743,882	743,882	743,882	743,882	743,882	743,882
12/31/2007	356,556	468,073	750,142	791,851	741,682	731,782	731,782	762,782	762,782	762,782	756,782
12/31/2008	526,684	424,649	539,111	421,590	352,812	346,242	345,742	345,742	345,742	345,742	345,742
12/31/2009	280,949	292,020	305,963	243,979	437,219	438,219	438,219	438,219	438,219	438,219	438,219
12/31/2010	430,140	332,606	294,229	281,729	287,729	287,729	287,729	281,729	281,729	281,729	281,729
12/31/2011	423,952	633,662	867,478	857,128	864,628	848,229	934,729	934,729	934,774	949,774	
12/31/2012	326,481	435,311	376,201	400,369	485,565	489,369	489,369	489,369	489,369		
12/31/2013	380,760	640,789	672,182	828,320	844,087	843,635	843,635	843,635			
12/31/2014	912,269	926,758	881,910	1,152,673	1,102,673	1,086,673	1,086,673				
12/31/2015	406,162	569,654	628,440	741,804	724,134	740,840					
12/31/2016	303,321	438,584	584,760	572,780	548,305						
12/31/2017	371,004	930,605	852,221	802,692							
12/31/2018	382,102	499,796	463,354								
12/31/2019	326,583	527,796									
12/31/2020	224,494										

A.Y.E.	147 Months	159 Months	171 Months	183 Months	195 Months	207 Months	219 Months	231 Months	243 Months
12/31/2001	364,332	349,933	396,275	396,275	371,275	367,074	450,928	505,828	506,828
12/31/2002	424,363	424,363	424,363	416,863	416,863	416,863	416,863	416,863	
12/31/2003	84,975	84,975	84,975	84,975	84,975	84,975	84,975		
12/31/2004	823,890	823,890	823,890	823,890	823,890	823,890			
12/31/2005	985,454	985,454	985,454	985,454	985,454				
12/31/2006	743,882	743,882	743,882	743,882					
12/31/2007	756,782	756,782	756,782						
12/31/2008	345,742	345,742							
12/31/2009	438,219								

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

Link Ratios

A.Y.E.	27:15	39:27	51:39	63:51	75:63	87:75	99:87	111:99	123:111	135:123	147:135
12/31/2001	1.121	1.284	1.228	0.914	1.000	0.972	1.000	1.000	1.038	1.000	1.000
12/31/2002	1.212	0.889	1.298	0.979	0.916	0.974	1.000	1.000	1.000	1.000	1.000
12/31/2003	2.102	0.837	1.267	0.683	0.629	0.987	0.772	1.000	1.000	1.000	1.000
12/31/2004	0.942	1.617	1.167	0.681	1.002	0.974	1.000	1.000	1.000	1.000	1.000
12/31/2005	1.186	1.459	0.906	0.896	1.093	1.000	1.000	1.000	1.001	1.000	1.000
12/31/2006	2.065	0.976	0.854	1.032	0.999	1.000	1.000	1.000	1.000	1.000	1.000
12/31/2007	1.313	1.603	1.056	0.937	0.987	1.000	1.042	1.000	1.000	0.992	1.000
12/31/2008	0.806	1.270	0.782	0.837	0.981	0.999	1.000	1.000	1.000	1.000	1.000
12/31/2009	1.039	1.048	0.797	1.792	1.002	1.000	1.000	1.000	1.000	1.000	1.000
12/31/2010	0.773	0.885	0.958	1.021	1.000	1.000	0.979	1.000	1.000	1.000	
12/31/2011	1.495	1.369	0.988	1.009	0.981	1.102	1.000	1.000	1.016		
12/31/2012	1.333	0.864	1.064	1.213	1.008	1.000	1.000	1.000			
12/31/2013	1.683	1.049	1.232	1.019	0.999	1.000	1.000				
12/31/2014	1.016	0.952	1.307	0.957	0.985	1.000					
12/31/2015	1.403	1.103	1.180	0.976	1.023						
12/31/2016	1.446	1.333	0.980	0.957							
12/31/2017	2.508	0.916	0.942								
12/31/2018	1.308	0.927									
12/31/2019	1.616										
3 Yr Mean	1.811	1.059	1.034	0.963	1.002	1.000	1.000	1.000	1.005	1.000	1.000
Best 3/5	1.488	0.994	1.131	0.984	0.997	1.000	1.000	1.000	1.000	1.000	1.000

A.Y.E.	159:147	171:159	183:171	195:183	207:195	219:207	231:219	243:231
12/31/2001	0.960	1.132	1.000	0.937	0.989	1.228	1.122	1.002
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					
12/31/2007	1.000	1.000						
12/31/2008	1.000							
3 Yr Mean	1.000	1.000	1.000	1.000	*1.000*	*1.076*	*1.061*	*1.002*
Best 3/5	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000

Development From

A.Y.E.	15/ 27	27/ 39	39/ 51	51/ 63	63/ 75	75/ 87	87/ 99	99/111	111/123	123/135	135/147
12/31/2016					0.997	1.000	1.000	1.000	1.000	1.000	1.000
12/31/2017				0.984	0.997	1.000	1.000	1.000	1.000	1.000	1.000
12/31/2018			1.131	0.984	0.997	1.000	1.000	1.000	1.000	1.000	1.000
12/31/2019		0.994	1.131	0.984	0.997	1.000	1.000	1.000	1.000	1.000	1.000
12/31/2020	1.488	0.994	1.131	0.984	0.997	1.000	1.000	1.000	1.000	1.000	1.000

A.Y.E.	147/159	159/171	171/183	183/195	195/207	207/219	219/231	231/243	243/Ult		FACTORS
12/31/2016	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	**1.000**		0.997
12/31/2017	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	**1.000**		0.981
12/31/2018	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	**1.000**		1.110
12/31/2019	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	**1.000**		1.103
12/31/2020	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	**1.000**		1.641

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
12/31/2001	984,954	1,833,027	2,622,276	3,159,998	3,625,803	3,980,315	4,611,013	4,680,495	4,797,709	5,081,833	5,162,970
12/31/2002	1,616,219	2,417,425	3,764,901	4,488,428	5,499,743	5,822,779	5,918,429	6,054,363	6,110,418	6,122,105	6,216,055
12/31/2003	666,695	1,367,098	2,212,168	3,049,688	3,561,468	3,894,150	4,036,684	4,014,340	4,023,588	4,058,835	4,132,802
12/31/2004	660,629	1,335,789	2,271,675	2,902,071	3,426,898	3,646,486	3,784,653	3,926,261	3,936,468	3,935,683	3,936,428
12/31/2005	530,908	1,194,618	2,011,984	2,593,208	3,082,284	2,991,913	3,073,264	3,066,565	3,057,751	3,038,564	3,038,594
12/31/2006	586,774	1,486,848	2,471,427	3,670,163	4,531,814	4,846,914	4,991,766	4,963,139	4,996,262	4,991,583	4,991,583
12/31/2007	645,707	1,136,513	2,336,138	2,867,571	3,583,612	3,839,549	4,062,726	3,901,779	3,939,707	3,935,586	3,937,722
12/31/2008	639,311	1,309,090	2,425,710	3,183,749	3,482,394	3,546,322	3,588,086	3,599,248	3,599,248	3,598,591	3,598,591
12/31/2009	614,946	1,375,840	2,491,774	3,194,169	3,705,947	4,445,876	3,896,747	3,907,956	3,906,111	3,916,441	3,915,767
12/31/2010	842,247	1,807,794	3,180,116	4,517,573	5,675,957	5,789,305	5,720,332	5,724,589	5,728,478	5,739,565	5,740,616
12/31/2011	604,720	1,262,901	2,529,891	3,702,579	4,264,560	4,609,256	4,760,119	4,772,195	4,801,903	4,838,376	
12/31/2012	576,488	1,512,489	3,354,987	4,281,751	4,794,028	5,229,437	5,352,856	5,397,090	5,472,176		
12/31/2013	951,080	2,045,103	3,368,442	4,429,543	5,092,149	5,524,340	5,815,908	5,961,238			
12/31/2014	699,459	1,408,333	2,230,038	2,780,019	3,079,402	3,232,507	3,267,117				
12/31/2015	436,442	899,384	1,693,602	2,448,815	2,711,905	2,799,126					
12/31/2016	459,112	1,176,860	2,187,418	2,448,698	2,864,676						
12/31/2017	530,916	1,525,971	2,588,261	3,652,791							
12/31/2018	655,910	986,835	1,924,225								
12/31/2019	496,154	2,367,516									
12/31/2020	495,783										

A.Y.E	147 Months	159 Months	171 Months	183 Months	195 Months	207 Months	219 Months	231 Months	243 Months
12/31/2001	5,183,472	5,183,162	5,201,810	5,237,899	5,270,715	5,303,322	5,350,522	5,344,228	5,390,254
12/31/2002	6,266,999	6,323,000	6,318,607	6,332,778	6,354,225	6,363,875	6,366,324	6,366,356	
12/31/2003	4,113,092	4,113,092	4,110,985	4,160,985	4,153,222	4,149,552	4,149,594		
12/31/2004	3,933,628	3,933,617	3,930,478	3,930,806	3,930,806	3,931,277			
12/31/2005	3,038,594	3,069,041	3,069,176	3,069,564	3,071,235				
12/31/2006	4,991,583	4,991,583	4,991,583	4,992,054					
12/31/2007	3,936,789	3,941,128	3,941,767						
12/31/2008	3,598,591	3,599,075							
12/31/2009	3,916,902								

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

Increments

A.Y.E.	27:15	39:27	51:39	63:51	75:63	87:75	99:87	111:99	123:111	135:123	147:135	159:147	171:159
12/31/2001	848,073	789,249	537,722	465,805	354,512	630,698	69,482	117,214	284,124	81,137	20,502	-310	18,648
12/31/2002	801,206	1,347,476	723,527	1,011,315	323,036	95,650	135,934	56,055	11,687	93,950	50,944	56,001	-4,393
12/31/2003	700,403	845,070	837,520	511,780	332,682	142,534	-22,344	9,248	35,247	73,967	-19,710	0	-2,107
12/31/2004	675,160	935,886	630,396	524,827	219,588	138,167	141,608	10,207	-785	745	-2,800	-11	-3,139
12/31/2005	663,710	817,366	581,224	489,076	-90,371	81,351	-6,699	-8,814	-19,187	30	0	30,447	135
12/31/2006	900,074	984,579	1,198,736	861,651	315,100	144,852	-28,627	33,123	-4,679	0	0	0	0
12/31/2007	490,806	1,199,625	531,433	716,041	255,937	223,177	-160,947	37,928	-4,121	2,136	-933	4,339	639
12/31/2008	669,779	1,116,620	758,039	298,645	63,928	41,764	11,162	0	-657	0	0	484	
12/31/2009	760,894	1,115,934	702,395	511,778	739,929	-549,129	11,209	-1,845	10,330	-674	1,135		
12/31/2010	965,547	1,372,322	1,337,457	1,158,384	113,348	-68,973	4,257	3,889	11,087	1,051			
12/31/2011	658,181	1,266,990	1,172,688	561,981	344,696	150,863	12,076	29,708	36,473				
12/31/2012	936,001	1,842,498	926,764	512,277	435,409	123,419	44,234	75,086					
12/31/2013	1,094,023	1,323,339	1,061,101	662,606	432,191	291,568	145,330						
12/31/2014	708,874	821,705	549,981	299,383	153,105	34,610							
12/31/2015	462,942	794,218	755,213	263,090	87,221								
12/31/2016	717,748	1,010,558	261,280	415,978									
12/31/2017	995,055	1,062,290	1,064,530										
12/31/2018	330,925	937,390											
12/31/2019	1,871,362												

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
12/31/2001	0.0664	0.0618	0.0421	0.0365	0.0278	0.0494	0.0054	0.0092	0.0222	0.0064	0.0016	0.0000	0.0015
12/31/2002	0.0482	0.0810	0.0435	0.0608	0.0194	0.0057	0.0082	0.0034	0.0007	0.0056	0.0031	0.0034	-0.0003
12/31/2003	0.0446	0.0539	0.0534	0.0326	0.0212	0.0091	-0.0014	0.0006	0.0022	0.0047	-0.0013	0.0000	-0.0001
12/31/2004	0.0587	0.0814	0.0548	0.0456	0.0191	0.0120	0.0123	0.0009	-0.0001	0.0001	-0.0002	0.0000	-0.0003
12/31/2005	0.0559	0.0688	0.0489	0.0412	-0.0076	0.0069	-0.0006	-0.0007	-0.0016	0.0000	0.0000	0.0026	0.0000
12/31/2006	0.0791	0.0865	0.1053	0.0757	0.0277	0.0127	-0.0025	0.0029	-0.0004	0.0000	0.0000	0.0000	0.0000
12/31/2007	0.0424	0.1036	0.0459	0.0618	0.0221	0.0193	-0.0139	0.0033	-0.0004	0.0002	-0.0001	0.0004	0.0001
12/31/2008	0.0550	0.0916	0.0622	0.0245	0.0052	0.0034	0.0009	0.0000	-0.0001	0.0000	0.0000	0.0000	
12/31/2009	0.0604	0.0885	0.0557	0.0406	0.0587	-0.0436	0.0009	-0.0001	0.0008	-0.0001	0.0001		
12/31/2010	0.0646	0.0919	0.0895	0.0775	0.0076	-0.0046	0.0003	0.0003	0.0007	0.0001			
12/31/2011	0.0482	0.0928	0.0859	0.0412	0.0253	0.0111	0.0009	0.0022	0.0027				
12/31/2012	0.0783	0.1541	0.0775	0.0429	0.0364	0.0103	0.0037	0.0063					
12/31/2013	0.0983	0.1189	0.0954	0.0595	0.0388	0.0262	0.0131						
12/31/2014	0.0662	0.0767	0.0514	0.0280	0.0143	0.0032							
12/31/2015	0.0426	0.0731	0.0695	0.0242	0.0080								
12/31/2016	0.0629	0.0886	0.0229	0.0365									
12/31/2017	0.0688	0.0734	0.0736										
12/31/2018	0.0347	0.0982											
12/31/2019	0.1381												
Best 3/5	0.0581	0.0796	0.0648	0.0358	0.0253	0.0082	0.0018	0.0008	0.0005	0.0000	0.0000	0.0000	0.0001	0.0000

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

Link Ratios

A.Y.E	183:171	195:183	207:195	219:207	231:219	243:231	Ult:243
12/31/2001	1.007	1.006	1.006	1.009	0.999	1.009	**1.004**
12/31/2002	1.002	1.003	1.002	1.000	1.000	**1.001**	**1.004**
12/31/2003	1.012	0.998	0.999	1.000	**1.001**	**1.001**	**1.004**
12/31/2004	1.000	1.000	1.000	**1.001**	**1.001**	**1.001**	**1.004**
12/31/2005	1.000	1.001	**1.001**	**1.001**	**1.001**	**1.001**	**1.004**
12/31/2006	1.000						
Best 3/5	1.001	1.001	1.001	1.001	1.001	1.001	1.004

171 to Ultimate Factor: 1.010

Cumulative Incremental Factors

Months-to-Ultimate	15	27	39	51	63	75	87
	0.275	0.217	0.137	0.073	0.037	0.011	0.003

Months-to-Ultimate	99	111	123	135	147	159	171
	0.001	0.001	0.000	0.000	0.000	0.000	0.000

A.Y.E	Reported ALAE as of 3/31/2021	$500,000 Ultimate Indemnity	ALAE Factor	Additional ALAE	ALAE at 171 Months	171-Ultimate Factor	Ultimate ALAE
12/31/2018	2,071,920	9,884,781	0.137	1,357,180	3,429,100	1.010	3,463,391
12/31/2019	2,517,493	13,224,597	0.217	2,868,415	5,385,908	1.010	5,439,767
12/31/2020	514,346	9,357,697	0.275	2,573,367	3,087,713	1.010	3,118,590

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
12/31/2001	1,592,860	1,597,199	1,737,732	1,690,682	1,681,289	1,758,546	1,920,196	2,093,397	2,104,195	2,156,851	2,164,997
12/31/2002	1,472,673	1,694,278	1,819,003	1,838,645	1,778,709	1,802,483	1,861,231	1,884,170	1,934,789	1,944,911	2,012,796
12/31/2003	1,253,460	1,803,588	2,044,920	2,059,131	2,260,776	2,269,368	2,301,177	2,301,847	2,316,619	2,358,120	2,366,975
12/31/2004	2,109,668	2,210,766	2,238,026	2,243,550	2,301,111	2,277,677	2,229,367	2,260,827	2,281,134	2,284,384	2,277,584
12/31/2005	2,786,493	3,039,401	3,227,095	3,289,649	3,338,926	3,224,776	3,241,236	3,287,182	3,293,341	3,284,562	3,283,340
12/31/2006	2,889,218	3,259,528	3,306,883	3,459,688	3,478,076	3,630,651	3,640,676	3,815,159	3,862,032	3,927,958	3,942,958
12/31/2007	2,726,424	2,586,857	2,596,824	2,994,186	3,270,105	3,239,408	3,454,653	3,432,254	3,424,514	3,397,725	3,406,437
12/31/2008	3,271,365	3,521,307	3,437,631	3,595,105	3,797,295	4,039,344	4,295,300	4,575,038	4,817,180	4,873,872	4,841,370
12/31/2009	3,401,672	3,553,586	3,551,508	3,608,321	3,571,793	3,798,270	3,786,550	3,872,172	3,919,672	3,949,763	3,983,524
12/31/2010	4,372,489	4,511,725	4,778,304	4,754,114	4,357,754	4,599,972	4,568,936	4,503,896	4,522,915	4,453,773	4,463,461
12/31/2011	4,116,392	4,327,505	4,630,185	4,574,977	4,682,787	4,732,854	4,689,955	4,766,672	4,776,090	4,785,609	
12/31/2012	3,826,706	3,862,687	3,743,528	3,661,355	3,818,719	3,835,951	3,867,566	3,908,321	3,857,818		
12/31/2013	3,447,028	3,466,423	4,018,282	3,882,067	3,908,055	3,987,695	4,004,783	3,979,783			
12/31/2014	3,253,297	3,557,714	3,462,660	3,563,501	3,552,575	3,616,569	3,593,069				
12/31/2015	4,429,545	4,617,731	5,350,006	5,370,123	5,322,025	5,438,583					
12/31/2016	4,244,676	4,278,361	4,630,900	4,768,001	4,720,219						
12/31/2017	4,142,942	4,292,664	4,567,592	4,430,938							
12/31/2018	4,794,221	4,581,023	4,499,677								
12/31/2019	4,718,099	4,818,384									
12/31/2020	5,690,901										

A.Y.E	147 Months	159 Months	171 Months	183 Months	195 Months	207 Months	219 Months	231 Months	243 Months
12/31/2001	2,152,386	2,109,715	2,115,209	2,116,388	2,128,395	2,128,395	2,128,394	2,128,394	2,128,394
12/31/2002	1,994,692	2,060,334	2,067,209	2,075,809	2,093,102	2,091,852	2,091,852	2,091,852	
12/31/2003	2,405,309	2,387,595	2,373,845	2,396,340	2,396,340	2,396,340	2,396,340		
12/31/2004	2,257,584	2,264,584	2,377,076	2,362,076	2,462,076	2,387,076			
12/31/2005	3,283,740	3,269,499	3,269,499	3,369,499	3,387,499				
12/31/2006	3,996,090	3,950,114	4,043,622	4,062,765					
12/31/2007	3,404,272	3,416,772	3,416,770						
12/31/2008	4,889,697	4,794,311							
12/31/2009	3,895,092								

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

Link Ratios

A.Y.E.	27:15	39:27	51:39	63:51	75:63	87:75	99:87	111:99	123:111	135:123	147:135
12/31/2001	1.003	1.088	0.973	0.994	1.046	1.092	1.090	1.005	1.025	1.004	0.994
12/31/2002	1.150	1.074	1.011	0.967	1.013	1.033	1.012	1.027	1.005	1.035	0.991
12/31/2003	1.439	1.134	1.007	1.098	1.004	1.014	1.000	1.006	1.018	1.004	1.016
12/31/2004	1.048	1.012	1.002	1.026	0.990	0.979	1.014	1.009	1.001	0.997	0.991
12/31/2005	1.091	1.062	1.019	1.015	0.966	1.005	1.014	1.002	0.997	1.000	1.000
12/31/2006	1.128	1.015	1.046	1.005	1.044	1.003	1.048	1.012	1.017	1.004	1.013
12/31/2007	0.949	1.004	1.153	1.092	0.991	1.066	0.994	0.998	0.992	1.003	0.999
12/31/2008	1.076	0.976	1.046	1.056	1.064	1.063	1.065	1.053	1.012	0.993	1.010
12/31/2009	1.045	0.999	1.016	0.990	1.063	0.997	1.023	1.012	1.008	1.009	0.978
12/31/2010	1.032	1.059	0.995	0.917	1.056	0.993	0.986	1.004	0.985	1.002	
12/31/2011	1.051	1.070	0.988	1.024	1.011	0.991	1.016	1.002	1.002		
12/31/2012	1.009	0.969	0.978	1.043	1.005	1.008	1.011	0.987			
12/31/2013	1.006	1.159	0.966	1.007	1.020	1.004	0.994				
12/31/2014	1.094	0.973	1.029	0.997	1.018	0.994					
12/31/2015	1.042	1.159	1.004	0.991	1.022						
12/31/2016	1.008	1.082	1.030	0.990							
12/31/2017	1.036	1.064	0.970								
12/31/2018	0.956	0.982									
12/31/2019	1.021										
3 Yr Mean	1.004	1.043	1.001	0.993	1.020	1.002	1.007	0.998	0.998	1.001	0.996
Best 3/5	1.022	1.043	1.001	0.998	1.016	0.997	1.007	1.006	1.001	1.003	1.003

A.Y.E.	159:147	171:159	183:171	195:183	207:195	219:207	231:219	243:231
12/31/2001	0.980	1.003	1.001	1.006	1.000	1.000	1.000	1.000
12/31/2002	1.033	1.003	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	1.050	0.994	1.042	0.970	**1.000**	1.000	1.000
12/31/2005	0.996	1.000	1.031	1.005	**1.006**	**1.000**	1.000	1.000
12/31/2006	0.988	1.024	1.005					
12/31/2007	1.004	1.000						
12/31/2008	0.980							
3 Yr Mean	0.991	1.008	1.010	1.016	*0.990*	*1.000*	*1.000*	*1.000*
Best 3/5	0.996	1.008	1.006	1.006	1.000	1.000	1.000	1.000

Development From

A.Y.E.	15/ 27	27/ 39	39/ 51	51/ 63	63/ 75	75/ 87	87/ 99	99/111	111/123	123/135	135/147
12/31/2016					1.016	0.997	1.007	1.006	1.001	1.003	1.003
12/31/2017				0.998	1.016	0.997	1.007	1.006	1.001	1.003	1.003
12/31/2018			1.001	0.998	1.016	0.997	1.007	1.006	1.001	1.003	1.003
12/31/2019		1.043	1.001	0.998	1.016	0.997	1.007	1.006	1.001	1.003	1.003
12/31/2020	1.022	1.043	1.001	0.998	1.016	0.997	1.007	1.006	1.001	1.003	1.003

A.Y.E	147/159	159/171	171/183	183/195	195/207	207/219	219/231	231/243	243/Ult		FACTORS
12/31/2016	0.996	1.008	1.006	1.006	1.000	1.000	1.000	1.000	**1.000**		1.050
12/31/2017	0.996	1.008	1.006	1.006	1.000	1.000	1.000	1.000	**1.000**		1.048
12/31/2018	0.996	1.008	1.006	1.006	1.000	1.000	1.000	1.000	**1.000**		1.049
12/31/2019	0.996	1.008	1.006	1.006	1.000	1.000	1.000	1.000	**1.000**		1.094
12/31/2020	0.996	1.008	1.006	1.006	1.000	1.000	1.000	1.000	**1.000**		1.118

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.	15 Months	27 Months	39 Months	51 Months	63 Months	75 Months	87 Months	99 Months	111 Months	123 Months	135 Months
12/31/2001	196,950	171,777	171,776	186,006	186,006	176,908	225,908	230,908	225,909	227,908	325,908
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	240,651	185,667	160,024	174,025	181,024	158,026	172,903	199,404	190,310	225,461	213,954
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	441,042	467,990	409,124	378,557	362,557	366,057	463,057	463,057	463,057	463,057
12/31/2008	294,367	208,042	336,788	335,305	346,805	343,795	443,795	443,795	437,296	457,296	527,296
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	261,555	263,224	260,679	264,775	358,775	358,775	358,775	358,775	358,775	358,775	358,775
12/31/2011	279,718	308,639	282,138	296,138	274,227	284,227	276,227	276,227	286,227	276,477	
12/31/2012	218,667	225,556	232,721	240,618	226,978	251,978	256,992	260,027	260,027		
12/31/2013	362,731	391,760	385,395	549,395	552,495	602,495	607,496	602,495			
12/31/2014	279,766	411,762	396,630	500,830	475,830	516,830	516,830				
12/31/2015	637,381	580,572	568,948	590,847	591,559	627,918					
12/31/2016	876,519	1,011,714	1,042,797	1,098,637	1,216,637						
12/31/2017	788,977	981,934	1,073,603	1,029,001							
12/31/2018	1,166,853	1,485,841	1,545,488								
12/31/2019	1,134,910	1,326,454									
12/31/2020	1,036,106										

A.Y.E.	147 Months	159 Months	171 Months	183 Months	195 Months	207 Months	219 Months	231 Months	243 Months
12/31/2001	325,909	325,908	325,908	325,908	325,908	325,908	325,908	325,908	325,908
12/31/2002	270,723	270,871	270,870	270,870	270,870	283,370	283,370	283,370	
12/31/2003	254,454	245,453	242,703	242,703	235,902	235,902	223,402		
12/31/2004	403,580	403,579	403,579	403,579	403,579	403,579			
12/31/2005	892,186	901,187	864,839	865,589	865,339				
12/31/2006	424,443	380,306	380,205	378,587					
12/31/2007	463,057	463,057	463,057						
12/31/2008	527,296	527,296							
12/31/2009	353,198								

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

Link Ratios

A.Y.E.	27:15	39:27	51:39	63:51	75:63	87:75	99:87	111:99	123:111	135:123	147:135
12/31/2001	0.872	1.000	1.083	1.000	0.951	1.277	1.022	0.978	1.009	1.430	1.000
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	0.862	1.087	1.040	0.873	1.094	1.153	0.954	1.185	0.949	1.189
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	1.924	1.061	0.874	0.925	0.958	1.010	1.265	1.000	1.000	1.000	1.000
12/31/2008	0.707	1.619	0.996	1.034	0.991	1.291	1.000	0.985	1.046	1.153	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	0.990	1.016	1.355	1.000	1.000	1.000	1.000	1.000	1.000	
12/31/2011	1.103	0.914	1.050	0.926	1.036	0.972	1.000	1.036	0.966		
12/31/2012	1.032	1.032	1.034	0.943	1.110	1.020	1.012	1.000			
12/31/2013	1.080	0.984	1.426	1.006	1.090	1.008	0.992				
12/31/2014	1.472	0.963	1.263	0.950	1.086	1.000					
12/31/2015	0.911	0.980	1.038	1.001	1.061						
12/31/2016	1.154	1.031	1.054	1.107							
12/31/2017	1.245	1.093	0.958								
12/31/2018	1.273	1.040									
12/31/2019	1.169										
3 Yr Mean	1.229	1.055	1.017	1.019	1.079	1.009	1.001	1.012	0.989	1.051	1.003
Best 3/5	1.189	1.017	1.118	0.986	1.079	1.003	1.004	1.000	1.000	1.000	1.003

A.Y.E.	159:147	171:159	183:171	195:183	207:195	219:207	231:219	243:231
12/31/2001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
12/31/2002	1.001	1.000	1.000	1.000	1.046	1.000	1.000	**1.000**
12/31/2003	0.965	0.989	1.000	0.972	1.000	0.947	**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	**1.000**	**1.000**	**1.000**	**1.000**
12/31/2006	0.896	1.000	0.996					
12/31/2007	1.000	1.000						
12/31/2008	1.000							
3 Yr Mean	0.965	0.987	0.999	0.991	*1.015*	*0.982*	*1.000*	*1.000*
Best 3/5	1.000	0.996	1.000	1.000	1.000	1.000	1.000	1.000

Development From

A.Y.E.	15/ 27	27/ 39	39/ 51	51/ 63	63/ 75	75/ 87	87/ 99	99/111	111/123	123/135	135/147
12/31/2016					1.079	1.003	1.004	1.000	1.000	1.000	1.003
12/31/2017				0.986	1.079	1.003	1.004	1.000	1.000	1.000	1.003
12/31/2018			1.118	0.986	1.079	1.003	1.004	1.000	1.000	1.000	1.003
12/31/2019		1.017	1.118	0.986	1.079	1.003	1.004	1.000	1.000	1.000	1.003
12/31/2020	1.189	1.017	1.118	0.986	1.079	1.003	1.004	1.000	1.000	1.000	1.003

A.Y.E	147/159	159/171	171/183	183/195	195/207	207/219	219/231	231/243	243/Ult		FACTORS
12/31/2016	1.000	0.996	1.000	1.000	1.000	1.000	1.000	1.000	**1.000**		1.085
12/31/2017	1.000	0.996	1.000	1.000	1.000	1.000	1.000	1.000	**1.000**		1.070
12/31/2018	1.000	0.996	1.000	1.000	1.000	1.000	1.000	1.000	**1.000**		1.197
12/31/2019	1.000	0.996	1.000	1.000	1.000	1.000	1.000	1.000	**1.000**		1.217
12/31/2020	1.000	0.996	1.000	1.000	1.000	1.000	1.000	1.000	**1.000**		1.447

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.	15 Months	27 Months	39 Months	51 Months	63 Months	75 Months	87 Months	99 Months	111 Months	123 Months	135 Months
12/31/2001	193,203	270,228	408,142	578,656	710,300	947,844	1,367,992	1,679,953	1,629,259	1,832,502	1,948,421
12/31/2002	172,994	297,692	436,931	715,080	785,722	870,809	922,712	891,204	891,208	1,089,879	1,284,616
12/31/2003	55,696	660,257	924,821	1,040,414	1,169,016	1,197,287	1,203,244	1,280,844	1,316,682	1,407,856	1,485,615
12/31/2004	159,786	298,247	421,614	580,050	662,541	776,128	780,488	797,162	828,421	836,602	861,605
12/31/2005	254,314	331,874	590,609	703,027	742,246	830,701	895,666	1,019,374	1,013,889	1,013,199	1,017,508
12/31/2006	139,337	322,142	539,444	865,083	1,155,830	1,496,293	1,566,801	1,878,458	1,926,334	2,008,534	1,988,250
12/31/2007	378,170	779,928	981,115	1,427,086	1,792,987	2,295,585	2,480,873	2,844,118	3,038,315	3,269,836	3,044,512
12/31/2008	346,594	835,131	1,100,626	1,382,937	2,157,180	4,313,412	6,760,389	8,143,634	8,124,377	7,528,389	7,030,420
12/31/2009	604,146	925,587	1,150,741	1,184,616	1,320,493	1,385,101	1,693,432	1,862,145	1,907,982	1,910,327	1,941,604
12/31/2010	220,566	412,570	732,995	1,091,391	1,197,544	1,366,567	1,557,785	1,709,727	1,735,025	2,021,454	2,065,636
12/31/2011	393,767	739,725	1,085,454	1,477,145	1,796,602	1,807,355	1,834,947	1,955,088	2,065,970	2,097,756	
12/31/2012	240,987	528,077	884,681	1,009,766	1,197,912	1,376,827	1,478,197	1,575,373	1,579,333		
12/31/2013	360,815	525,596	751,432	967,496	1,190,645	1,383,487	1,540,322	1,929,796			
12/31/2014	194,770	509,570	699,538	867,338	1,060,533	1,075,478	1,079,008				
12/31/2015	402,328	826,866	1,200,916	1,476,846	1,642,027	1,770,074					
12/31/2016	307,027	591,994	898,223	1,447,671	1,553,199						
12/31/2017	425,270	719,502	2,001,783	2,511,859							
12/31/2018	445,005	793,371	2,169,022								
12/31/2019	314,583	609,325									
12/31/2020	421,011										

A.Y.E.	147 Months	159 Months	171 Months	183 Months	195 Months	207 Months	219 Months	231 Months	243 Months
12/31/2001	2,060,004	2,147,196	2,175,066	2,264,677	2,491,166	2,491,166	2,491,166	2,497,416	2,497,416
12/31/2002	1,376,507	1,649,129	1,807,971	1,838,958	1,838,683	1,838,683	1,851,183	1,851,183	
12/31/2003	1,545,895	1,565,162	1,588,444	1,632,385	1,632,385	1,615,757	1,615,757		
12/31/2004	856,624	863,566	893,294	893,294	908,294	893,294			
12/31/2005	1,194,509	1,070,341	1,081,933	1,374,307	1,325,161				
12/31/2006	2,142,375	2,183,113	2,116,761	2,123,437					
12/31/2007	3,045,356	2,886,033	2,983,012						
12/31/2008	6,396,987	5,923,278							
12/31/2009	1,926,143								

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
12/31/2001	77,025	137,914	170,514	131,644	237,544	420,148	311,961	-50,694	203,243	115,919	111,583	87,192	27,870
12/31/2002	124,698	139,239	278,149	70,642	85,087	51,903	-31,508	4	198,671	194,737	91,891	272,622	158,842
12/31/2003	604,561	264,564	115,593	128,602	28,271	5,957	77,600	35,838	91,174	77,759	60,280	19,267	23,282
12/31/2004	138,461	123,367	158,436	82,491	113,587	4,360	16,674	31,259	8,181	25,003	-4,981	6,942	29,728
12/31/2005	77,560	258,735	112,418	39,219	88,455	64,965	123,708	-5,485	-690	4,309	177,001	-124,168	11,592
12/31/2006	182,805	217,302	325,639	290,747	340,463	70,508	311,657	47,876	82,200	-20,284	154,125	40,738	-66,352
12/31/2007	401,758	201,187	445,971	365,901	502,598	185,288	363,245	194,197	231,521	-225,324	844	-159,323	96,979
12/31/2008	488,537	265,495	282,311	774,243	2,156,232	2,446,977	1,383,245	-19,257	-595,988	-497,969	-633,433	-473,709	
12/31/2009	321,441	225,154	33,875	135,877	64,608	308,331	168,713	45,837	2,345	31,277	-15,461		
12/31/2010	192,004	320,425	358,396	106,153	169,023	191,218	151,942	25,298	286,429	44,182			
12/31/2011	345,958	345,729	391,691	319,457	10,753	27,592	120,141	110,882	31,786				
12/31/2012	287,090	356,604	125,085	188,146	178,915	101,370	97,176	3,960					
12/31/2013	164,781	225,836	216,064	223,149	192,842	156,835	389,474						
12/31/2014	314,800	189,968	167,800	193,195	14,945	3,530							
12/31/2015	424,538	374,050	275,930	165,181	128,047								
12/31/2016	284,967	306,229	549,448	105,528									
12/31/2017	294,232	1,282,281	510,076										
12/31/2018	348,366	1,375,651											
12/31/2019	294,742												

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
12/31/2001	0.0261	0.0468	0.0579	0.0447	0.0806	0.1426	0.1059	-0.0172	0.0690	0.0393	0.0379	0.0296	0.0095
12/31/2002	0.0585	0.0653	0.1305	0.0331	0.0399	0.0243	-0.0148	0.0000	0.0932	0.0913	0.0431	0.1279	0.0745
12/31/2003	0.2378	0.1041	0.0455	0.0506	0.0111	0.0023	0.0305	0.0141	0.0359	0.0306	0.0237	0.0076	0.0092
12/31/2004	0.0527	0.0469	0.0603	0.0314	0.0432	0.0017	0.0063	0.0119	0.0031	0.0095	-0.0019	0.0026	0.0113
12/31/2005	0.0219	0.0729	0.0317	0.0110	0.0249	0.0183	0.0349	-0.0015	-0.0002	0.0012	0.0499	-0.0350	0.0033
12/31/2006	0.0377	0.0448	0.0671	0.0599	0.0702	0.0145	0.0642	0.0099	0.0169	-0.0042	0.0318	0.0084	-0.0137
12/31/2007	0.0803	0.0402	0.0891	0.0731	0.1005	0.0370	0.0726	0.0388	0.0463	-0.0450	0.0002	-0.0318	0.0194
12/31/2008	0.0906	0.0492	0.0524	0.1436	0.4000	0.4539	0.2566	-0.0036	-0.1106	-0.0924	-0.1175	-0.0879	
12/31/2009	0.0776	0.0544	0.0082	0.0328	0.0156	0.0745	0.0408	0.0111	0.0006	0.0076	-0.0037		
12/31/2010	0.0392	0.0654	0.0731	0.0217	0.0345	0.0390	0.0310	0.0052	0.0584	0.0090			
12/31/2011	0.0655	0.0654	0.0741	0.0604	0.0020	0.0052	0.0227	0.0210	0.0060				
12/31/2012	0.0650	0.0807	0.0283	0.0426	0.0405	0.0230	0.0220	0.0009					
12/31/2013	0.0358	0.0490	0.0469	0.0484	0.0419	0.0340	0.0845						
12/31/2014	0.0645	0.0389	0.0344	0.0396	0.0031	0.0007							
12/31/2015	0.0569	0.0501	0.0370	0.0221	0.0172								
12/31/2016	0.0541	0.0582	0.1043	0.0200									
12/31/2017	0.0490	0.2134	0.0849										
12/31/2018	0.0615	0.2430											
12/31/2019	0.0461												
Best 3/5	0.0533	0.1072	0.0563	0.0348	0.0203	0.0207	0.0315	0.0057	0.0176	-0.0139	0.0094	-0.0214	0.0079

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

Link Ratios

A.Y.E	183:171	195:183	207:195	219:207	231:219	243:231	Ult:243
12/31/2001	1.041	1.100	1.000	1.000	1.003	1.000	**1.000**
12/31/2002	1.017	1.000	1.000	1.007	1.000	**1.000**	**1.000**
12/31/2003	1.028	1.000	0.990	1.000	**1.000**	**1.000**	**1.000**
12/31/2004	1.000	1.017	0.983	**0.997**	**1.000**	**1.000**	**1.000**
12/31/2005	1.270	0.964	**1.002**	**0.997**	**1.000**	**1.000**	**1.000**
12/31/2006	1.003						
Best 3/5	1.016	1.006	0.997	0.999	1.000	1.000	1.000

171 to Ultimate Factor: 1.018

Cumulative Incremental Factors

Months-to-Ultimate	15	27	39	51	63	75	87
	0.329	0.276	0.169	0.113	0.078	0.058	0.037

Months-to-Ultimate	99	111	123	135	147	159	171
	0.005	0.000	-0.018	-0.004	-0.014	0.008	0.000

A.Y.E	Reported ALAE as of 3/31/2021	$500,000 Ultimate Indemnity	ALAE Factor	Additional ALAE	ALAE at 171 Months	171-Ultimate Factor	Ultimate ALAE
12/31/2018	2,404,887	6,735,599	0.169	1,137,643	3,542,530	1.018	3,606,295
12/31/2019	771,019	7,830,386	0.276	2,161,970	2,932,989	1.018	2,985,782
12/31/2020	575,519	8,782,043	0.329	2,892,805	3,468,324	1.018	3,530,754

Bold - Calculated Using Modified Bondy Method

Multistate Review of ULAE Experience
General Liability Including CMP Liability
Loss Adjustment Expense Special Call
Calendar Years 2016 - 2020

Item *	2016	2017	2018	2019	2020	2016 - 2020 Mean
1. Direct Losses Incurred	$25,294,920	$22,482,130	$26,488,833	$28,457,912	$27,645,568	
2. Allocated Loss Adjustment Expenses Incurred (ALAE)	$4,918,135	$5,837,815	$5,788,203	$5,769,832	$6,283,679	
3. Unallocated Loss Adjustment Expenses Incurred (ULAE)	$2,517,590	$2,283,529	$2,272,533	$2,770,296	$2,176,729	
4. Incurred Losses + ALAE [(1) + (2)]	$30,213,055	$28,319,945	$32,277,036	$34,227,744	$33,929,247	

Incurred Percentage

	2016	2017	2018	2019	2020	2016 - 2020 Mean
5. Ratio of ULAE to (Losses + ALAE) [(3)/(4)]	8.3%	8.1%	7.0%	8.1%	6.4%	7.6%
6. Selected	8.0% **					

Notes: All dollar amounts are displayed in thousands.

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

** 8.0% was selected due to consideration of the impact of Covid-19 in the most recent year.

LOCAL PRODUCTS / COMPLETED OPERATIONS TREND SUMMARY

(1)	EXPOSURE TREND	LOCAL PRODUCTS	COMPLETED OPERATIONS	LOCAL PRODUCTS / COMPLETED OPERATIONS COMBINED
	Average Annual Percent Change			
	a) 7/1/2018 to 7/1/2023 AYE 12/31/2018	+ 2.0%	+ 2.9%	+ 2.8%
	b) 7/1/2019 to 7/1/2023 AYE 12/31/2019	+ 2.2%	+ 2.9%	+ 2.8%
	c) 7/1/2020 to 7/1/2023 AYE 12/31/2020	+ 3.1%	+ 3.0%	+ 3.0%

(2)	OCCURRENCE SEVERITY	BODILY INJURY	PROPERTY DAMAGE
	a) Fitted		
	All Years	+ 6.7%	+ 4.1%
	Eight Years	+ 8.9%	+ 2.8%
	Six Years	+ 8.5%	+ 1.7%
	b) Selected	+ 5.5%	+ 4.0%

(3) FREQUENCY TREND

Selected   - 0.5%

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 12/31/2018, 12/31/2019 & 12/31/2020

(1) YEAR ENDING QUARTER *		(2) LOCAL PRODUCTS CLASS GROUP SALES EXPOSURE INDICES	(3) COMPLETED OPERATIONS CLASS GROUP PAYROLL EXPOSURE INDICES	(1) YEAR ENDING QUARTER *		(2) LOCAL PRODUCTS CLASS GROUP SALES EXPOSURE INDICES	(3) COMPLETED OPERATIONS CLASS GROUP PAYROLL EXPOSURE INDICES
2010	1	0.964	22.806	2017	1	1.032	26.160
	2	0.962	22.928		2	1.034	26.326
	3	0.962	23.080		3	1.037	26.527
	4	0.965	23.208		4	1.040	26.716
2011	1	0.969	23.312	2018	1	1.042	26.955
	2	0.974	23.427		2	1.046	27.203
	3	0.979	23.556		3	1.050	27.440
	4	0.982	23.638		4	1.054	27.728
2012	1	0.987	23.715	2019	1	1.058	27.950
	2	0.990	23.794		2	1.061	28.185
	3	0.995	23.873		3	1.063	28.361
	4	1.000	23.965		4	1.065	28.515
2013	1	1.004	24.062	2020	1	1.066	28.703
	2	1.007	24.140		2	1.060	28.830
	3	1.008	24.167		3	1.059	29.003
	4	1.010	24.208		4	1.059	29.191
2014	1	1.012	24.299	2021	1	1.063	29.378
	2	1.016	24.405		2	1.079	29.713
	3	1.019	24.538		3P	1.094	30.086
	4	1.022	24.663		4P	1.108	30.424
2015	1	1.023	24.759	2022	1P	1.121	30.737
	2	1.026	24.909		2P	1.130	30.931
	3	1.027	25.013		3P	1.136	31.064
	4	1.029	25.172		4P	1.142	31.208
2016	1	1.030	25.313	2023	1P	1.148	31.375
	2	1.030	25.480		2P	1.153	31.556
	3	1.029	25.731		3P	1.158	31.742
	4	1.030	25.938		4P	1.162	31.933

CHANGE IN EXPOSURES		LOCAL PRODUCTS	COMPLETED OPERATIONS
7/1/2018 to 7/1/2023	(2023:4/2018:4)	1.102	1.152
7/1/2019 to 7/1/2023	(2023:4/2019:4)	1.091	1.120
7/1/2020 to 7/1/2023	(2023:4/2020:4)	1.097	1.094

AVERAGE ANNUAL TREND FACTOR			
7/1/2018 to 7/1/2023	(5.0 YEARS)	1.020	1.029
7/1/2019 to 7/1/2023	(4.0 YEARS)	1.022	1.029
7/1/2020 to 7/1/2023	(3.0 YEARS)	1.031	1.030

* 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)	(2)	(3)	(4)	(5)		
Accident	Basic Limit		(2)/(3)	Exponential		
Year	Paid	Paid	Actual	Curve of		
Ending	Losses *	Occurrences	Severity	Best Fit to Col (4)		
				10 Year	8 Year	6 Year
12/31/2011	$38,274,746	1,473	$25,988	$23,585		
12/31/2012	$37,478,100	1,383	$27,092	$25,163		
12/31/2013	$37,722,684	1,484	$25,419	$26,846	$24,449	
12/31/2014	$31,693,339	1,277	$24,822	$28,642	$26,628	
12/31/2015	$31,475,093	1,089	$28,909	$30,557	$29,001	$29,448
12/31/2016	$31,698,582	944	$33,563	$32,601	$31,585	$31,943
12/31/2017	$32,009,475	912	$35,115	$34,782	$34,400	$34,650
12/31/2018	$31,256,504	843	$37,084	$37,109	$37,465	$37,585
12/31/2019	$34,534,265	954	$36,206	$39,591	$40,804	$40,770
12/31/2020	$29,629,729	614	$48,283	$42,239	$44,440	$44,224

Goodness of Fit Statistic, R-Squared:	0.839	0.889	0.804

Average Annual Severity Trend (10 yr)	+ 6.7%
Average Annual Severity Trend (8 yr)	+ 8.9%
Average Annual Severity Trend (6 yr)	+ 8.5%
Selected Annual Severity Trend	+ 5.5%

* 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)	(2)	(3)	(4)	(5)		
Accident	Basic Limit		(2)/(3)	Exponential		
Year	Paid	Paid	Actual	Curve of		
Ending	Losses *	Occurrences	Severity	Best Fit to Col (4)		
				10 Year	8 Year	6 Year
12/31/2011	$135,648,102	5,195	$26,113	$28,040		
12/31/2012	$127,399,301	4,508	$28,263	$29,195		
12/31/2013	$118,816,238	3,845	$30,899	$30,397	$32,204	
12/31/2014	$116,222,788	3,520	$33,022	$31,649	$33,104	
12/31/2015	$121,674,475	3,458	$35,188	$32,953	$34,029	$35,247
12/31/2016	$126,281,447	3,627	$34,817	$34,310	$34,981	$35,831
12/31/2017	$129,113,911	3,501	$36,876	$35,724	$35,958	$36,424
12/31/2018	$147,515,610	3,782	$39,005	$37,195	$36,964	$37,028
12/31/2019	$152,435,218	4,123	$36,974	$38,727	$37,997	$37,642
12/31/2020	$144,376,737	3,834	$37,655	$40,322	$39,059	$38,265

	10 Year	8 Year	6 Year
Goodness of Fit Statistic, R-Squared:	0.836	0.773	0.509

Average Annual Severity Trend (10 yr)	+ 4.1%
Average Annual Severity Trend (8 yr)	+ 2.8%
Average Annual Severity Trend (6 yr)	+ 1.7%
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 (3)/(2)[2]
12/31/2007	$ 403,918,008	8,420	20.85
12/31/2008	$ 391,708,370	8,906	22.74
12/31/2009	$ 374,753,781	8,932	23.84
12/31/2010	$ 360,437,043	9,535	26.45
12/31/2011	$ 358,565,633	8,896	24.81
12/31/2012	$ 361,325,483	8,268	22.88
12/31/2013	$ 374,839,259	8,078	21.55
12/31/2014	$ 387,696,275	7,398	19.08
12/31/2015	$ 401,491,335	7,118	17.73
12/31/2016	$ 388,124,210	7,278	18.75
12/31/2017	$ 401,175,492	6,902	17.21
12/31/2018	$ 438,019,096	7,617	17.39
12/31/2019	$ 440,495,015	8,053	18.28
12/31/2020	$ 424,537,750	7,105	16.73

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.

LOCAL PRODUCTS/COMPLETED OPERATIONS (SUBLINE CODE 336)
CLASS GROUPS AND DIFFERENTIALS
*Base Class

CLASS GROUP 01				CLASS GROUP 02 continued			
		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	CLASS GROUP 02		15991	1.31	98805	0.069
10352	0.53			15993	0.82	98813	0.100
11039	0.63	10026	0.37	16403	2.84	98967	0.51
11258	1.79	10042	6.25	16676	0.26	99003	0.06
11259	1.79	10060	1.13	18078	2.59	99826	0.035
11288	0.71	10065	1.02	18109	0.54	99827	0.031
12374	0.59	10066	1.28	18110	0.58	99948	1.00 *
12375	0.41	10071	1.92	18206	1.98	99952	0.79
13673	0.14	10073	8.77	18335	0.29	99953	0.48
13720	0.52	10075	3.09	18506	0.110	99954	0.62
14401	0.92	10107	4.44	18507	0.14	99955	0.510
15224	0.61	10115	1.42	18708	0.40		
16900	0.74	10309	0.31	18834	2.04		
16901	1.00 *	11020	3.55	18911	0.33		
16902	0.55	11127	0.16	18912	0.54		
16905	0.64	11128	1.29	18920	0.34		
16906	0.91	11204	25.54	45819	1.23		
16910	0.47	11234	1.06	49618	0.94		
16911	0.46	12014	0.73	49619	2.19		
16915	0.45	12356	0.54				
16916	0.53	12510	0.45	CLASS GROUP 11			
16920	1.03	12805	2.96				
16921	0.41	13351	1.00 *	92053	0.034		
16930	1.28	13352	0.71	92054	0.013		
16931	0.54	13506	1.23	92055	0.013		
16940	0.41	13507	2.82	95124	0.066		
16941	0.73	13716	1.89	98303	0.30		
18435	0.58	13759	2.01	98304	0.18		
18436	1.25	14101	0.80	98305	0.09		
18501	0.13	14279	1.26	98306	0.049		
		14913	2.58	98307	0.03		

LOCAL PRODUCTS/COMPLETED OPERATIONS (SUBLINE CODE 336)
CLASS GROUPS AND DIFFERENTIALS
*Base Class

CLASS GROUP 12

91111	0.37
91150	0.34
91155	1.73
91340	0.50
91341	0.26
91342	0.24
91343	0.097
91436	0.14
91507	0.20
91551	0.046
91555	0.065
91560	0.29
91577	0.21
91746	0.37
92101	0.20
92102	0.22
92215	0.20
92338	0.13
92446	0.12
92447	0.10
92451	0.15
92478	0.11
94007	0.32
94276	0.28
94569	0.26
95410	0.18
95455	0.11
95505	0.14
95625	0.24
95647	0.37
96053	0.28
96410	0.55

96611	0.093	
97447	0.34	
97650	0.24	
97651	0.29	
97652	0.31	
97653	0.20	
97654	0.19	
97655	0.28	
98002	0.063	
98482	0.41	
98483	1.00	*
98502	0.24	
98636	0.23	
98677	0.66	
98678	0.87	
98806	0.23	
98820	0.23	
98884	0.14	
99004	0.100	
99080	0.47	
99315	0.13	
99321	0.15	
99613	0.15	
99650	0.067	
99746	0.21	

CLASS GROUP 13

91125	1.05
91127	0.66
91235	1.29
91265	1.88
91266	0.50
91280	1.49
94381	5.96

94404	2.32	
95310	0.67	
96408	6.77	
96409	4.80	
97221	0.70	
97222	1.00	*
97223	1.58	
98152	0.29	
98157	0.19	
98163	0.110	
98164	0.038	
98659	0.22	
98914	0.30	
98949	0.17	
98993	2.04	
99163	0.220	
99803	4.76	
99946	1.34	
99969	1.42	

LOCAL PRODUCTS/COMPLETED OPERATIONS CREDIBILITY-WEIGHTED DIFFERENTIAL REVIEW - 2022

LOCAL PRODUCTS   (1)
CLASS GROUP: 01   RETAIL STORES - FOOD OR DRUG   CLASS GROUP EXPERIENCE RATIO =   1.27

	(2) CURRENT IMPLIED CLASS	(3) 10 YEAR MONO/MULTI	(4) 10 YEAR EXPERIENCE	(5)	(6) FORMULA EXPERIENCE	(7) NORM. INDIC. CHG.	(8) INDICATED DIFF	(9) INDICATED	(10) SELECTED	(11) SELECTED
CLASS	DIFFERENTIAL	ALCCL	RATIO	CREDIBILITY	RATIO @	TO DIFF #	(2) x (7)	CHANGE	CHANGE	DIFF
10100	0.494	1,447,426	1.60	0.2242	1.34	1.05	0.52	5%	5%	0.52
10145	0.104	920,986	1.47	0.1790	1.31	1.02	0.11	2%	6%	0.11
10146	0.168	97,147	0.55	0.0965	1.20	0.94	0.16	-6%	-5%	0.16
10352	0.557	277,285	0.72	0.1159	1.21	0.95	0.53	-5%	-5%	0.53
11039	0.608	4,173,616	1.40	0.3964	1.32	1.03	0.63	3%	4%	0.63
11258	1.585	199,562	2.96	0.1077	1.45	1.13	1.79	13%	13%	1.79
11259	1.277	3,752	0.00	0.0861	1.16	0.91	1.16	-9%	40%	1.79
11288	0.765	816,817	0.78	0.1694	1.19	0.93	0.71	-7%	-7%	0.71
12374	0.582	2,047,023	1.43	0.2700	1.31	1.02	0.59	2%	1%	0.59
12375	0.414	1,234,702	1.26	0.2065	1.27	0.99	0.41	-1%	-1%	0.41
13673	0.141	3,913,340	1.23	0.3833	1.25	0.98	0.14	-2%	-1%	0.14
13720	0.539	370,910	0.98	0.1257	1.23	0.96	0.52	-4%	-4%	0.52
14401	0.986	387,469	0.65	0.1274	1.19	0.93	0.92	-7%	-7%	0.92
15224	0.565	1,038,437	1.86	0.1895	1.38	1.08	0.61	8%	8%	0.61
16900	0.708	5,816,046	1.41	0.4676	1.34	1.05	0.74	5%	5%	0.74
16901 *	1.000	26,076,032	1.28	0.7831	1.28	1.00	1.00	0%	0%	1.00
16902	0.603	1,210,192	0.83	0.2044	1.18	0.92	0.55	-8%	-9%	0.55
16905	0.708	8,004	0.00	0.0866	1.16	0.91	0.64	-9%	-10%	0.64
16906	1.000	7,302	0.00	0.0865	1.16	0.91	0.91	-9%	-9%	0.91
16910	0.509	27,180,762	1.17	0.7899	1.19	0.93	0.47	-7%	-8%	0.47
16911	0.516	1,959,555	0.83	0.2637	1.15	0.90	0.46	-10%	-11%	0.46
16915	0.468	960,060	1.05	0.1825	1.23	0.96	0.45	-4%	-4%	0.45
16916	0.484	9,579,611	1.51	0.5809	1.41	1.10	0.53	10%	10%	0.53
16920	0.952	168,935	2.34	0.1044	1.38	1.08	1.03	8%	8%	1.03
16921	0.447	12,212	0.00	0.0871	1.16	0.91	0.41	-9%	-8%	0.41
16930	1.292	621,073	1.30	0.1508	1.27	0.99	1.28	-1%	-1%	1.28
16931	0.597	193,905	0.28	0.1071	1.16	0.91	0.54	-9%	-10%	0.54
16940	0.449	7,890	0.00	0.0866	1.16	0.91	0.41	-9%	-9%	0.41
16941	0.797	150,168	0.25	0.1023	1.17	0.91	0.73	-9%	-8%	0.73
18435	0.607	3,273,530	1.10	0.3487	1.21	0.95	0.58	-5%	-4%	0.58
18436	1.377	191,744	0.30	0.1068	1.17	0.91	1.25	-9%	-9%	1.25
18501	0.132	3,941,780	1.18	0.3848	1.24	0.97	0.13	-3%	-2%	0.13
45900	0.448	648,149	0.89	0.1534	1.21	0.95	0.43	-5%	-4%	0.43
49617	1.293	5,148,068	1.46	0.4408	1.35	1.05	1.36	5%	5%	1.36
57001	0.222	368,284	1.10	0.1254	1.25	0.98	0.22	-2%	-1%	0.22

* - Base class   @ - (5)x(4) + (100%-(5))x(1)   # - (6) for class / (6) for base class
U - Upper cap   L - Lower cap

Note: Due to low data volume for class 11259, the class differential was selected to be the same as class 11258.

LOCAL PRODUCTS/COMPLETED OPERATIONS CREDIBILITY-WEIGHTED DIFFERENTIAL REVIEW - 2022

LOCAL PRODUCTS   (1)
CLASS GROUP: 02   RETAIL STORES - NOT FOOD OR DRUG   CLASS GROUP EXPERIENCE RATIO =   1.29

	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)		(11)
	CURRENT	10 YEAR	10 YEAR		FORMULA	NORM.	INDICATED				
	IMPLIED CLASS	MONO/MULTI	EXPERIENCE		EXPERIENCE	INDIC. CHG.	DIFF	INDICATED	SELECTED		SELECTED
CLASS	DIFFERENTIAL	ALCCL	RATIO	CREDIBILITY	RATIO @	TO DIFF #	(2) x (7)	CHANGE	CHANGE		DIFF
10026	0.439	89,002	1.13	0.0800	1.28	0.84	0.37	-16%	-16%		0.37
10042	7.443	13,763,051	1.27	0.8013	1.27	0.84	6.25	-16%	-16%		6.25
10060	1.411	31,392	0.00	0.0657	1.21	0.80	1.13	-20%	-20%		1.13
10065	0.680	320,400	9.68	0.1332	2.41	1.59	1.08	59%	50%	U	1.02
10066	1.211	37,445	6.00	0.0672	1.61	1.06	1.28	6%	6%		1.28
10071	2.202	6,459,607	1.33	0.6581	1.32	0.87	1.92	-13%	-13%		1.92
10073	11.243	90,594,040	1.18	0.9632	1.18	0.78	8.77	-22%	-22%		8.77
10075	3.513	33,124	1.87	0.0661	1.33	0.88	3.09	-12%	-12%		3.09
10107	5.694	457,579	0.67	0.1620	1.19	0.78	4.44	-22%	-22%		4.44
10115	1.731	615,554	1.08	0.1928	1.25	0.82	1.42	-18%	-18%		1.42
10309	0.409	255,299	0.19	0.1189	1.16	0.76	0.31	-24%	-24%		0.31
11020	2.955	148,529	6.93	0.0943	1.82	1.20	3.55	20%	20%		3.55
11127	0.197	995,219	1.18	0.2584	1.26	0.83	0.16	-17%	-19%		0.16
11128	1.462	403,486	1.53	0.1508	1.33	0.88	1.29	-12%	-12%		1.29
11204	33.609	224,715	0.01	0.1119	1.15	0.76	25.54	-24%	-24%		25.54
11234	1.259	318,732	1.21	0.1328	1.28	0.84	1.06	-16%	-16%		1.06
12014	0.886	318,344	1.00	0.1328	1.25	0.82	0.73	-18%	-18%		0.73
12356	0.611	110,822	2.00	0.0853	1.35	0.89	0.54	-11%	-12%		0.54
12510	0.576	76,829	0.01	0.0770	1.19	0.78	0.45	-22%	-22%		0.45
12805	2.691	10,961,327	1.79	0.7633	1.67	1.10	2.96	10%	10%		2.96
13351 *	1.000	9,810,037	1.60	0.7430	1.52	1.00	1.00	0%	0%		1.00
13352	0.879	91,231	0.50	0.0805	1.23	0.81	0.71	-19%	-19%		0.71
13506	1.463	1,066,055	1.27	0.2694	1.28	0.84	1.23	-16%	-16%		1.23
13507	3.320	537,428	1.30	0.1778	1.29	0.85	2.82	-15%	-15%		2.82
13716	2.417	7,502,947	1.14	0.6900	1.19	0.78	1.89	-22%	-22%		1.89
13759	2.651	217,143	0.01	0.1102	1.15	0.76	2.01	-24%	-24%		2.01
14101	0.964	169,185	0.97	0.0991	1.26	0.83	0.80	-17%	-17%		0.80
14279	1.417	1,521,714	1.47	0.3335	1.35	0.89	1.26	-11%	-11%		1.26
14913	3.068	771,275	1.24	0.2210	1.28	0.84	2.58	-16%	-16%		2.58
15538	0.373	196,237	0.37	0.1054	1.19	0.78	0.29	-22%	-22%		0.29
15600	1.958	71,575	1.61	0.0757	1.31	0.86	1.68	-14%	-14%		1.68
15608	0.227	38,158	0.00	0.0674	1.20	0.79	0.18	-21%	-21%		0.18
15839	0.631	323,076	0.13	0.1338	1.13	0.74	0.47	-26%	-24%	L	0.48
15991	1.616	513,088	0.92	0.1731	1.23	0.81	1.31	-19%	-19%		1.31
15993	0.974	110,861	1.10	0.0853	1.27	0.84	0.82	-16%	-16%		0.82
16403	3.191	763,017	1.55	0.2196	1.35	0.89	2.84	-11%	-11%		2.84
16676	0.324	17,440	0.38	0.0621	1.23	0.81	0.26	-19%	-20%		0.26

* - Base class   @ - (5)x(4) + (100%-(5))x(1)   # - (6) for class / (6) for base class
U - Upper cap   L - Lower cap

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LOCAL PRODUCTS/COMPLETED OPERATIONS CREDIBILITY-WEIGHTED DIFFERENTIAL REVIEW - 2022

LOCAL PRODUCTS   (1)
CLASS GROUP: 02   RETAIL STORES - NOT FOOD OR DRUG   CLASS GROUP EXPERIENCE RATIO =   1.29

	(2) CURRENT IMPLIED CLASS DIFFERENTIAL	(3) 10 YEAR MONO/MULTI ALCCL	(4) 10 YEAR EXPERIENCE RATIO	(5) CREDIBILITY	(6) FORMULA EXPERIENCE RATIO @	(7) NORM. INDIC. CHG. TO DIFF #	(8) INDICATED DIFF (2) x (7)	(9) INDICATED CHANGE	(10) SELECTED CHANGE	(11) SELECTED DIFF
CLASS										
18078	2.912	1,081,072	1.52	0.2717	1.35	0.89	2.59	-11%	-11%	2.59
18109	0.662	6,364	0.40	0.0593	1.24	0.82	0.54	-18%	-18%	0.54
18110	0.747	627,307	0.74	0.1950	1.18	0.78	0.58	-22%	-22%	0.58
18206	2.304	5,720,692	1.32	0.6312	1.31	0.86	1.98	-14%	-14%	1.98
18335	0.376	119,109	0.06	0.0873	1.18	0.78	0.29	-22%	-23%	0.29
18506	0.136	493	0.00	0.0578	1.22	0.80	0.11	-20%	-19%	0.11
18507	0.176	18,814	0.23	0.0625	1.22	0.80	0.14	-20%	-20%	0.14
18708	0.368	110,520	5.42	0.0852	1.64	1.08	0.40	8%	9%	0.40
18834	2.611	80,313	0.00	0.0778	1.19	0.78	2.04	-22%	-22%	2.04
18911	0.418	143,475	0.39	0.0931	1.21	0.80	0.33	-20%	-21%	0.33
18912	0.661	12,455	0.62	0.0609	1.25	0.82	0.54	-18%	-18%	0.54
18920	0.419	30,236	0.00	0.0654	1.21	0.80	0.34	-20%	-19%	0.34
45819	1.397	5,937,407	1.35	0.6396	1.33	0.88	1.23	-12%	-12%	1.23
49618	1.138	7,503	0.73	0.0596	1.26	0.83	0.94	-17%	-17%	0.94
49619	2.436	2,131,273	1.48	0.4034	1.37	0.90	2.19	-10%	-10%	2.19

* - Base class   @ - (5)x(4) + (100%-(5))x(1)   # - (6) for class / (6) for base class
U - Upper cap   L - Lower cap

LOCAL PRODUCTS/COMPLETED OPERATIONS CREDIBILITY-WEIGHTED DIFFERENTIAL REVIEW - 2022

COMPLETED OPERATIONS   (1)
CLASS GROUP: 11   COMPLETED OPERATIONS - LOW   CLASS GROUP EXPERIENCE RATIO =   1.40

	(2) CURRENT IMPLIED CLASS	(3) 10 YEAR MONO/MULTI	(4) 10 YEAR EXPERIENCE	(5)	(6) FORMULA EXPERIENCE	(7) NORM. INDIC. CHG.	(8) INDICATED DIFF	(9) INDICATED	(10) SELECTED		(11) SELECTED
CLASS	DIFFERENTIAL	ALCCL	RATIO	CREDIBILITY	RATIO @	TO DIFF #	(2) x (7)	CHANGE	CHANGE		DIFF
92053	0.025	-	0.00	-	1.40	1.36	0.034	36%	36%		0.034
92054	0.011	15	0.00	0.1250	1.23	1.19	0.013	19%	18%		0.013
92055	0.011	7,837	0.00	0.1266	1.22	1.18	0.013	18%	18%		0.013
95124	0.044	8,884,207	1.81	0.7162	1.69	1.64	0.072	64%	50%	U	0.066
98303	0.280	981,509	0.40	0.2887	1.11	1.08	0.30	8%	7%		0.30
98304	0.135	25,904,034	1.37	0.8763	1.37	1.33	0.18	33%	33%		0.18
98305	0.070	29,665,709	1.32	0.8900	1.33	1.29	0.09	29%	29%		0.09
98306	0.039	125,805	0.67	0.1501	1.29	1.25	0.049	25%	26%		0.049
98307	0.023	16,544	0.00	0.1284	1.22	1.18	0.027	18%	17%		0.027
98308	0.044	5,004,940	0.99	0.5974	1.16	1.13	0.05	13%	14%		0.05
98309	0.087	322,147	1.19	0.1864	1.36	1.32	0.11	32%	26%		0.11
98344	0.031	582,706	0.88	0.2302	1.28	1.24	0.038	24%	23%		0.038
98449	0.858	27,172,083	1.97	0.8813	1.90	1.84	1.58	84%	49%	U	1.28
98805	0.053	2,393,883	1.28	0.4396	1.35	1.31	0.069	31%	30%		0.069
98813	0.087	4,295,542	1.07	0.5641	1.21	1.17	0.10	17%	15%		0.10
98967	0.340	15,579,539	1.68	0.8119	1.63	1.58	0.54	58%	50%	U	0.51
99003	0.053	495,769	0.45	0.2161	1.19	1.16	0.061	16%	15%		0.061
99826	0.027	385,201	1.13	0.1975	1.35	1.31	0.035	31%	30%		0.035
99827	0.028	974,376	0.48	0.2877	1.14	1.11	0.031	11%	11%		0.031
99948 *	1.000	27,038,824	0.98	0.8808	1.03	1.00	1.00	0%	0%		1.00
99952	0.731	4,164,557	0.88	0.5573	1.11	1.08	0.79	8%	8%		0.79
99953	0.430	2,473,187	0.83	0.4462	1.15	1.12	0.48	12%	12%		0.48
99954	0.459	1,595,998	1.35	0.3633	1.38	1.34	0.62	34%	35%		0.62
99955	0.346	8,786,554	1.63	0.7141	1.56	1.51	0.52	51%	47%	U	0.51

* - Base class   @ - (5)x(4) + (100%-(5))x(1)   # - (6) for class / (6) for base class
U - Upper cap   L - Lower cap

LOCAL PRODUCTS/COMPLETED OPERATIONS CREDIBILITY-WEIGHTED DIFFERENTIAL REVIEW - 2022

COMPLETED OPERATIONS   (1)
CLASS GROUP: 12   COMPLETED OPERATIONS - MEDIUM   CLASS GROUP EXPERIENCE RATIO =   1.16

	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
	CURRENT	10 YEAR	10 YEAR		FORMULA	NORM.	INDICATED			
	IMPLIED CLASS	MONO/MULTI	EXPERIENCE		EXPERIENCE	INDIC. CHG.	DIFF	INDICATED	SELECTED	SELECTED
CLASS	DIFFERENTIAL	ALCCL	RATIO	CREDIBILITY	RATIO @	TO DIFF #	(2) x (7)	CHANGE	CHANGE	DIFF
91111	0.359	33,911,899	1.05	0.6332	1.09	1.03	0.37	3%	3%	0.37
91150	0.307	11,444,475	1.23	0.3825	1.19	1.12	0.34	12%	11%	0.34
91155	1.730	49,854,479	1.02	0.7153	1.06	1.00	1.73	0%	0%	1.73
91340	0.459	235,397,961	1.17	0.9210	1.17	1.10	0.50	10%	9%	0.50
91341	0.245	100,505,663	1.14	0.8335	1.14	1.08	0.26	8%	6%	0.26
91342	0.202	109,826,539	1.25	0.8454	1.24	1.17	0.24	17%	19%	0.24
91343	0.091	4,333,898	1.04	0.2120	1.13	1.07	0.097	7%	7%	0.097
91436	0.135	2,745,359	1.00	0.1602	1.13	1.07	0.14	7%	4%	0.14
91507	0.194	424,401	0.32	0.0710	1.10	1.04	0.20	4%	3%	0.20
91551	0.042	8,891,558	1.16	0.3305	1.16	1.09	0.046	9%	10%	0.046
91555	0.065	1,830,694	0.35	0.1272	1.06	1.00	0.065	0%	0%	0.065
91560	0.234	132,042,419	1.34	0.8677	1.32	1.25	0.29	25%	24%	0.29
91577	0.181	17,739,212	1.28	0.4818	1.22	1.15	0.21	15%	16%	0.21
91746	0.305	30,482,258	1.36	0.6090	1.28	1.21	0.37	21%	21%	0.37
92101	0.181	5,081,564	1.17	0.2343	1.16	1.09	0.20	9%	10%	0.20
92102	0.185	6,403,054	1.44	0.2706	1.24	1.17	0.22	17%	19%	0.22
92215	0.177	95,255,137	1.23	0.8261	1.22	1.15	0.20	15%	13%	0.20
92338	0.106	44,217,141	1.38	0.6908	1.31	1.24	0.13	24%	23%	0.13
92446	0.120	3,450,122	0.62	0.1840	1.06	1.00	0.12	0%	0%	0.12
92447	0.095	445,287	0.39	0.0719	1.10	1.04	0.099	4%	4%	0.099
92451	0.146	28,643,227	1.07	0.5946	1.11	1.05	0.15	5%	3%	0.15
92478	0.105	183,522,268	1.06	0.9010	1.07	1.01	0.11	1%	5%	0.11
94007	0.276	89,044,557	1.25	0.8163	1.23	1.16	0.32	16%	16%	0.32
94276	0.267	16,826,989	1.04	0.4694	1.10	1.04	0.28	4%	5%	0.28
94569	0.234	29,067,832	1.23	0.5980	1.20	1.13	0.26	13%	11%	0.26
95410	0.164	67,050,859	1.20	0.7706	1.19	1.12	0.18	12%	10%	0.18
95455	0.092	7,098,355	1.36	0.2884	1.22	1.15	0.11	15%	20%	0.11
95505	0.126	1,004,195	1.52	0.0950	1.19	1.12	0.14	12%	11%	0.14
95625	0.212	14,221,852	1.30	0.4306	1.22	1.15	0.24	15%	13%	0.24
95647	0.367	310,872,443	1.08	0.9389	1.08	1.02	0.37	2%	1%	0.37
96053	0.248	4,683,757	1.25	0.2226	1.18	1.11	0.28	11%	13%	0.28
96410	0.495	18,551,443	1.20	0.4923	1.18	1.11	0.55	11%	11%	0.55
96611	0.089	2,973,837	0.84	0.1681	1.11	1.05	0.093	5%	4%	0.093
97447	0.273	79,138,832	1.38	0.7982	1.34	1.26	0.34	26%	25%	0.34
97650	0.217	4,123,944	1.15	0.2056	1.16	1.09	0.24	9%	11%	0.24

* - Base class   @ - (5)x(4) + (100%-(5))x(1)   # - (6) for class / (6) for base class
U - Upper cap   L - Lower cap

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LOCAL PRODUCTS/COMPLETED OPERATIONS CREDIBILITY-WEIGHTED DIFFERENTIAL REVIEW - 2022

COMPLETED OPERATIONS   (1)
CLASS GROUP: 12   COMPLETED OPERATIONS - MEDIUM   CLASS GROUP EXPERIENCE RATIO =   1.16

	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
	CURRENT	10 YEAR	10 YEAR		FORMULA	NORM.	INDICATED			
	IMPLIED CLASS	MONO/MULTI	EXPERIENCE		EXPERIENCE	INDIC. CHG.	DIFF	INDICATED	SELECTED	SELECTED
CLASS	DIFFERENTIAL	ALCCL	RATIO	CREDIBILITY	RATIO @	TO DIFF #	(2) x (7)	CHANGE	CHANGE	DIFF
97651	0.248	2,540,651	1.59	0.1531	1.23	1.16	0.29	16%	17%	0.29
97652	0.238	549,585	6.55	0.0711	1.54	1.45	0.35	45%	30%	0.31
97653	0.179	7,043,146	1.15	0.2870	1.16	1.09	0.20	9%	12%	0.20
97654	0.192	1,074,971	0.24	0.0979	1.07	1.01	0.19	1%	-1%	0.19
97655	0.263	12,855,693	1.03	0.4079	1.11	1.05	0.28	5%	6%	0.28
98002	0.062	674,025	0.05	0.0815	1.07	1.01	0.063	1%	2%	0.063
98482	0.382	245,792,705	1.14	0.9240	1.14	1.08	0.41	8%	7%	0.41
98483 *	1.000	302,537,594	1.05	0.9374	1.06	1.00	1.00	0%	0%	1.00
98502	0.217	4,085,411	1.31	0.2044	1.19	1.12	0.24	12%	11%	0.24
98636	0.223	20,983,233	0.98	0.5214	1.07	1.01	0.23	1%	3%	0.23
98677	0.587	42,921,017	1.22	0.6846	1.20	1.13	0.66	13%	12%	0.66
98678	0.780	28,394,073	1.19	0.5926	1.18	1.11	0.87	11%	12%	0.87
98806	0.216	6,866,498	1.11	0.2826	1.15	1.08	0.23	8%	6%	0.23
98820	0.196	32,817,374	1.25	0.6258	1.22	1.15	0.23	15%	17%	0.23
98884	0.112	23,282,289	1.38	0.5460	1.28	1.21	0.14	21%	25%	0.14
99004	0.098	363,791	0.47	0.0685	1.11	1.05	0.10	5%	2%	0.10
99080	0.494	10,919,348	0.76	0.3725	1.01	0.95	0.47	-5%	-5%	0.47
99315	0.114	11,152,970	1.41	0.3770	1.25	1.18	0.13	18%	14%	0.13
99321	0.147	22,006,276	1.07	0.5327	1.11	1.05	0.15	5%	2%	0.15
99613	0.138	12,896,439	1.21	0.4086	1.18	1.11	0.15	11%	9%	0.15
99650	0.061	6,149,645	1.21	0.2639	1.17	1.10	0.067	10%	10%	0.067
99746	0.179	34,156,132	1.34	0.6348	1.27	1.20	0.21	20%	17%	0.21

* - Base class   @ - (5)x(4) + (100%-(5))x(1)   # - (6) for class / (6) for base class
U - Upper cap   L - Lower cap

Note: A selected differential (0.31) was made for class 97652 to temper the impact of one large ocurrence.

LOCAL PRODUCTS/COMPLETED OPERATIONS CREDIBILITY-WEIGHTED DIFFERENTIAL REVIEW - 2022

COMPLETED OPERATIONS   (1)
CLASS GROUP: 13   COMPLETED OPERATIONS - HIGH   CLASS GROUP EXPERIENCE RATIO =   0.99

	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
	CURRENT	10 YEAR	10 YEAR		FORMULA	NORM.	INDICATED			
	IMPLIED CLASS	MONO/MULTI	EXPERIENCE		EXPERIENCE	INDIC. CHG.	DIFF	INDICATED	SELECTED	SELECTED
CLASS	DIFFERENTIAL	ALCCL	RATIO	CREDIBILITY	RATIO @	TO DIFF #	(2) x (7)	CHANGE	CHANGE	DIFF
91125	1.030	296,371	1.23	0.1434	1.02	1.02	1.05	2%	2%	1.05
91127	0.651	9,827,785	1.05	0.5753	1.02	1.02	0.66	2%	1%	0.66
91235	1.505	5,549,238	0.71	0.4510	0.86	0.86	1.29	-14%	-14%	1.29
91265	1.493	301,740	2.87	0.1438	1.26	1.26	1.88	26%	26%	1.88
91266	0.498	1,844,075	1.07	0.2648	1.01	1.01	0.50	1%	0%	0.50
91280	1.389	153,263	1.59	0.1301	1.07	1.07	1.49	7%	7%	1.49
94381	5.321	17,550,091	1.17	0.6984	1.12	1.12	5.96	12%	12%	5.96
94404	2.437	1,269,245	0.83	0.2239	0.95	0.95	2.32	-5%	-5%	2.32
95310	0.673	3,462,626	1.02	0.3597	1.00	1.00	0.67	0%	0%	0.67
96408	5.503	12,109,419	1.37	0.6210	1.23	1.23	6.77	23%	23%	6.77
96409	4.797	22,963,132	1.00	0.7494	1.00	1.00	4.80	0%	0%	4.80
97221	0.630	8,827,922	1.20	0.5515	1.11	1.11	0.70	11%	11%	0.70
97222 *	1.000	40,640,901	1.00	0.8385	1.00	1.00	1.00	0%	0%	1.00
97223	1.932	37,269,441	0.79	0.8267	0.82	0.82	1.58	-18%	-18%	1.58
98152	0.294	5,694,225	0.94	0.4564	0.97	0.97	0.29	-3%	-1%	0.29
98157	0.207	882,606	0.60	0.1938	0.91	0.91	0.19	-9%	-8%	0.19
98163	0.123	17,367	0.00	0.1171	0.87	0.87	0.11	-13%	-11%	0.11
98164	0.044	58,032	0.00	0.1210	0.87	0.87	0.038	-13%	-14%	0.038
98659	0.249	1,511	0.00	0.1155	0.88	0.88	0.22	-12%	-12%	0.22
98914	0.341	2,898	0.00	0.1157	0.88	0.88	0.30	-12%	-12%	0.30
98949	0.197	35,790	0.00	0.1189	0.87	0.87	0.17	-13%	-14%	0.17
98993	2.405	16,067,872	0.78	0.6807	0.85	0.85	2.04	-15%	-15%	2.04
99163	0.250	15,300	0.00	0.1169	0.87	0.87	0.22	-13%	-12%	0.22
99803	5.294	527,899	0.42	0.1640	0.90	0.90	4.76	-10%	-10%	4.76
99946	1.313	29,690,813	1.03	0.7929	1.02	1.02	1.34	2%	2%	1.34
99969	1.393	8,685,978	1.05	0.5480	1.02	1.02	1.42	2%	2%	1.42

* - Base class   @ - (5)x(4) + (100%-(5))x(1)   # - (6) for class / (6) for base class
U - Upper cap   L - Lower cap

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ARIZONA GL-2022-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 LEVEL CHANGES

The statewide advisory loss cost level changes are:

SUBLINE	INDICATED	SELECTED
M&C	-8.8%	-8.8%
OL&T	+5.9%	+5.9%
Premises/Operations	-0.5%	-0.5%
Products	-4.1%	-4.1%
Local Products/Completed Operations	-13.3%	-13.3%
Products/Completed Operations	-11.5%	-11.5%
GL Overall	-3.2%	-3.2%

INDICATED VS. SELECTED

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

HISTORICAL SOURCE DATA

The sources of the data underlying this loss cost review are:

ISO reporting companies' voluntary experience.
Fiscal- accident year data through year ended 3/31/2021 for Premises/Operations.
Calendar - accident year data through year ended 12/31/2020 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) increased by an average of 24.3%, when the four years common to both this year's and last year's reviews are compared. This is primarily accounted for by the following changes since the prior review:

- A change in company mix which caused a 7.1% increase in ALCCL;
- Implemented loss cost level change (+7.5%);
- A change in exposure trend plus an additional year of trending (+8.8%);
- The effect on ALCCL due to a change in average IPMFs (-0.6%).

The Basic Limit Experience Ratio (BLER) decreased in 2020 (-42.5%). This is mainly due to favorable experience across several class groups.

Owners, Landlords and Tenants

The Aggregate Loss Costs at Current Level (ALCCL) increased by an average of 19.3%, when the four years common to both this year's and last year's reviews are compared. This is primarily accounted for by the following changes since the prior review:

- A change in company mix which caused a 2.2% increase in ALCCL;
- Implemented loss cost level change (+15.5%);
- A change in exposure trend plus an additional year of trending (+1.7%);
- The effect on ALCCL due to a change in average IPMFs (-3.2%).

The BLERs varied within reasonable limits.

Products

Multistate ALCCL increased by an average of 3.8% 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 1.3% increase in ALCCL;
- Implemented an average loss cost level change of approximately -6.1% in most states;
- A change in exposure trend plus an additional year of trending of +6.6%;
- The effect on ALCCL due to a change in average IPMFs (+0.9%).

The BLERs changed due to the various effects listed above.

CALL TO CALL COMPARISON (Cont'd)	Local Products/ Completed Ops	Multistate ALCCL increased by an average of 21.3% 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 4.1% increase in ALCCL;
- Implemented an average loss cost level change of approximately +9.3% in most states;
- A change in exposure trend plus an additional year of trending of +9.4%;
- The effect on ALCCL due to a change in average IPMFs (-0.1%).

The BLERs changed due to the various effects listed above.

LATEST CALL YEAR TO YEAR COMPARISON	Manufacturers and Contractors	The ALCCL increased from 2017 to 2020 and then decreased thereafter. The low BLERs for 2017 (0.782), 2020 (0.798) and 2021 (0.570) are attributable to favorable experience in several class groups.
	Owners, Landlords and Tenants	The ALCCL increased from 2017 to 2019 and then decreased thereafter. The high BLERs for 2017 (1.230) and 2020 (1.116) are attributable to unfavorable experience in several class groups. The low BLER for 2021 (0.781) is attributable to favorable experience in several class groups.
	Products	The ALCCL increased from 2016 to 2017, decreased in 2018, increased in 2019 and then decreased thereafter. The BLER decreased from 2016 to 2020.
	Local Products/ Completed Ops	The ALCCL increased steadily from 2016 to 2019 and then decreased thereafter. The BLER decreased from 2016 to 2020.

LOSS DEVELOPMENT FACTOR COMPARISON	Manufacturers and Contractors	The BI and PD indemnity loss development factors for the 2022 review remained stable compared to those in the 2021 review.
		The multistate full coverage BI indemnity loss development factors for the 2022 review have increased compared to those in the 2021 review. The multistate full coverage PD indemnity loss development factors for the 2022 review remained stable compared to those in the 2021 review.
		The multistate deductible coverage BI indemnity loss development factors for the 2022 review remained stable compared to the 2021 review. The multistate deductible coverage PD indemnity loss development factors for the 2022 review have increased compared to the 2021 review.
		The multistate Fringe indemnity loss development factors for the 2022 review have decreased compared to the 2021 review.
	Owners, Landlords and Tenants	The BI and PD indemnity loss development factors for the 2022 review remained stable compared to those in the 2021 review.
		The multistate full coverage BI and PD indemnity loss development factors for the 2022 review have increased compared to those in the 2021 review.
		The multistate deductible coverage BI indemnity loss development factors for the 2022 review have increased compared to those in the 2021 review. The multistate deductible coverage PD indemnity loss development factors for the 2022 review have decreased compared to those in the 2021 review.
		The multistate Fringe indemnity loss development factors for the 2022 review remained stable compared to the 2021 review.
	Products	The multistate full coverage BI indemnity loss development factors for the 2022 review have increased compared to those in the 2021 review. The multistate full coverage PD indemnity loss development factors for the 2022 review remained stable compared to those in the 2021 review.
		The multistate deductible coverage BI indemnity loss development factors for the 2022 review have decreased compared to the 2021 review. The multistate deductible coverage PD indemnity loss development factors for the 2022 review remained stable compared to those in the 2021 review, with a decrease in the 15 months-to-ultimate factor.

LOSS DEVELOPMENT FACTOR COMPARISON (Cont'd)	Local Products/ Completed Ops	For Local Products, the multistate full coverage BI indemnity loss development factors for the 2022 review have increased compared to those in the 2021 review. The multistate full coverage PD indemnity loss development factors for the 2022 review have decreased compared to those in the 2021 review. The multistate deductible coverage BI and PD indemnity loss development factors for the 2022 review remained stable compared to the 2021 review.

For Completed Operations, the full coverage BI indemnity loss development factors for the 2022 review remained stable compared to those in the 2021 review, except for the 15 and 27 months-to-ultimate factors which increased by 24.0% and 15.6% respectively. This can largely be attributed to a higher 27-to-39 months state link ratio. The full coverage PD indemnity loss development factors for the 2022 review remained stable compared to those in the 2021 review.

The Completed Operations multistate full coverage BI and PD indemnity loss development factors for the 2022 review have increased compared to those in the 2021 review. The multistate deductible coverage BI indemnity loss development factors for the 2022 review have increased compared to those in the 2021 review. The multistate deductible coverage PD indemnity loss development factors for the 2022 review remained stable compared to those in the 2021 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	The BI severity trend selection is +4.0%, down from +4.5% in the previous Calendar review.
		The PD severity trend selection is +4.0%, down from +4.5% in the previous Calendar review.
		The Fringe severity trend selection is 0.0%, unchanged from 0.0% in the previous Calendar review.
	Owners, Landlords and Tenants	The BI severity trend selection is +5.0%, up from +4.5% in the previous Calendar review.
		The PD severity trend selection is +6.0%, up from +5.5% in the previous Calendar review.
		The Fringe severity trend selection is 0.0%, unchanged from 0.0% in the previous Calendar review.
	Products	The BI severity trend selection is +3.0%, unchanged from +3.0% in the previous review.
		The PD severity trend selection is +4.5%, down from +5.5% in the previous review.
	Local Products/ Completed Ops	The BI severity trend selection is +5.5%, up from +5.0% in the previous review.
		The PD selected severity trend is +4.0%, down from +4.5% in the previous review.

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 -0.5% 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 lower than the prior point.
	Local Products/ Completed Ops	The latest frequency point is lower than the prior point.
EXPOSURE TREND COMPARISON	Manufacturers and Contractors	The exposure trend factors for Manufacturers are higher than that used in the previous review for all three years. The exposure trend factors for Contractors are higher than that used in the previous review for all three years
	Owners, Landlords and Tenants	The exposure trend factors for Class Groups 1-13 are higher than those used in the previous review for all three years. For Class Group 16, the exposure trend factors are higher than that used in the previous review for all three years.
	Products	The exposure trend factors are higher than that used in the previous review for all three years.
	Local Products/ Completed Ops	The exposure trend factors for Local Products are higher than that used in the previous review for all three years. The exposure trend factors for Completed Operations are higher than that used in the previous review for all three years.

WEIGHTED AVERAGE IMPLICIT PACKAGE MODIFICATION FACTOR (IPMF) COMPARISON	Manufacturers and Contractors	The current weighted average IPMF is 0.966. In the 2021 review the weighted average IPMF was 0.972.
	Owners, Landlords and Tenants	The current weighted average IPMF is 0.838. In the 2021 review the weighted average IPMF was 0.882.
	Products	The current multistate weighted average IPMF is 0.878. In the 2021 review the multistate weighted average IPMF was 0.865.
	Local Products/ Completed Ops	The current multistate weighted average IPMF is 0.997. In the Group 2, 2021 review the multistate weighted average IPMF was 0.998.

The IPMF's are applied to the multiline ALCCL.

CLASS GROUP/ TERRITORY/ STATE RELATIVE CHANGE	The class group relative changes for Manufacturers and Contractors vary within reasonable limits.
	The class group and territory relative changes for Owners, Landlords and Tenants vary within reasonable limits.
	For Local Products, Arizona's balanced relative change (0.958) ranks 16th lowest overall. In last year's review, Arizona's balanced relative change (0.916) ranked 3rd lowest overall.

CHANGE IN COMPANY MIX SINCE LAST CALL	For Manufacturers and Contractors the change in company mix results in an average increase of 7.1% in the total statewide ALCCL.
	For Owners, Landlords and Tenants, the change in company mix results in an average increase of 2.2% in the total statewide ALCCL.
	For Products, the change in company mix results in a 1.3% increase in the total multistate ALCCL.
	For Local Products/Completed Operations, the change in company mix results in a 4.1% increase in the total multistate ALCCL.

CLASSES 10010–14734   COMMERCIAL LINES MANUAL   ARIZONA (02)
PREM/OPS TERR. 502   DIVISION SIX
PROD/COPS   GENERAL LIABILITY
LOSS COST PAGES

$100,000/200,000 BASIC LIMIT OCCURRENCE											
Premises/Operations (Prem/Ops) (Subline Code 334) Territory 502											
Products/Completed Operations (Prod/COps)			**(Subline Code 336) Entire State Territory 999**								
Class Code	**Prem/ Ops**	**Prod/ Cops**	**Class Code**	**Prem/ Ops**	**Prod/ Cops**	**Class Code**	**Prem/ Ops**	**Prod/ Cops**	**Class Code**	**Prem/ Ops**	**Prod/ Cops**
10010	.187	.167	**10150**	.83	(a)	**11204**	.52	1.30	**13111**	1.20	.08
10011	.045	(a)	**10151**	20.80	–	**11205**	(a)	–	**13112**	.101	.054
10012	.052	(a)	**10160**	3.70	–	**11206**	.46	–	**13201**	.75	.123
10015	12.30	–	**10204**	.37	–	**11207**	5.78	–	**13204**	.85	.86
10020	(a)	(a)	**10205**	.42	–	**11208**	.99	–	**13205**	.33	.34
10025	.045	(a)	**10210**	.67	(a)	**11209**	4.65	–	**13206**	(a)	(a)
10026	1.08	.019	**10211**	.67	(a)	**11210**	1.98	–	**13207**	(a)	(a)
10027	.045	(a)	**10220**	7.85	–	**11211**	10.30	–	**13208**	(a)	(a)
10036	.56	(a)	**10255**	.207	.14	**11212**	1.56	–	**13314**	.20	.012
10040	.142	.32	**10256**	.76	.198	**11213**	1.27	–	**13351**	.49	.051
10042	.62	.32	**10257**	.143	.146	**11214**	3.13	–	**13352**	.50	.036
10052	8.50	–	**10309**	.27	.016	**11222**	.053	–	**13410**	1.19	1.66
10054	7.54	–	**10315**	.63	(a)	**11234**	.47	.054	**13411**	(a)	(a)
10060	.30	.057	**10331**	16.70	–	**11248**	.039	.013	**13412**	.40	1.19
10065	.44	.045	**10332**	28.70	–	**11258**	1.29	.168	**13453**	.46	(a)
10066	.45	.063	**10352**	.63	.053	**11259**	1.39	.14	**13454**	.54	(a)
10070	.107	.134	**10367**	2.65	–	**11273**	23.30	–	**13455**	.55	(a)
10071	.53	.097	**10368**	3.88	–	**11274**	22.30	–	**13461**	(a)	(a)
10072	3.00	–	**10375**	(a)	–	**11288**	1.58	.07	**13506**	1.53	.062
10073	.87	.44	**10378**	16.90	–	**12014**	.085	.037	**13507**	1.84	.143
10075	6.44	.157	**10379**	7.83	–	**12356**	1.97	.027	**13590**	.41	.61
10100	1.07	.052	**10380**	13.40	–	**12361**	.119	.066	**13621**	.103	.34
10101	.40	.16	**10381**	11.60	–	**12362**	.118	(a)	**13670**	.067	.018
10105	4.33	–	**11007**	1.13	–	**12373**	.045	.022	**13673**	.98	.014
10107	2.65	.225	**11020**	.50	.18	**12374**	1.03	.059	**13715**	.118	.111
10110	41.80	–	**11039**	.75	.062	**12375**	.50	.041	**13716**	.76	.096
10111	.234	.059	**11052**	6.12	–	**12391**	.088	.059	**13720**	.55	.052
10113	.60	–	**11101**	(a)	(a)	**12393**	.67	(a)	**13759**	.30	.102
10115	1.19	.072	**11120**	(a)	–	**12467**	.28	(a)	**13930**	.25	.147
10117	12.20	–	**11126**	.104	.023	**12509**	.052	.026	**14068**	.065	.01
10119	(a)	–	**11127**	.60	.008	**12510**	.66	.023	**14101**	.76	.041
10120	27.40	–	**11128**	.80	.065	**12583**	.29	(a)	**14279**	.39	.064
10130	5.90	–	**11138**	4.16	–	**12651**	.85	.45	**14401**	1.30	.091
10132	5.08	–	**11155**	.36	–	**12683**	.39	(a)	**14405**	.66	–
10133	5.89	–	**11160**	(a)	(a)	**12707**	.77	.48	**14527**	.48	.169
10135	(a)	–	**11167**	1.41	–	**12797**	.162	.177	**14655**	.148	–
10140	.055	.02	**11168**	7.32	–	**12805**	.54	.15	**14731**	6.08	–
10141	.11	.021	**11201**	9.87	–	**12841**	.89	–	**14732**	.45	–
10145	.53	.008	**11202**	2.92	–	**12927**	.156	–	**14733**	1.03	–
10146	.48	.016	**11203**	1.39	.38	**13049**	.062	.044	**14734**	.44	–

ARIZONA (02)   COMMERCIAL LINES MANUAL   **CLASSES 14855–43152**
DIVISION SIX   **PREM/OPS TERR. 502**
GENERAL LIABILITY   **PROD/COPS**
LOSS COST PAGES

$100,000/200,000 BASIC LIMIT OCCURRENCE											
Premises/Operations (Prem/Ops) (Subline Code 334) Territory 502											
Products/Completed Operations (Prod/COps) (Subline Code 336) Entire State Territory 999											
Class Code	**Prem/ Ops**	**Prod/ Cops**	**Class Code**	**Prem/ Ops**	**Prod/ Cops**	**Class Code**	**Prem/ Ops**	**Prod/ Cops**	**Class Code**	**Prem/ Ops**	**Prod/ Cops**
14855	.182	.11	**16670**	6.91	–	**18501**	1.04	.013	**40072**	(a)	–
14913	.56	.131	**16676**	.50	.013	**18506**	.36	.006	**40075**	93.80	–
15060	(a)	(a)	**16694**	.34	(a)	**18507**	.31	.007	**40101**	40.50	–
15061	(a)	(a)	**16705**	.38	.113	**18570**	3.27	–	**40102**	35.80	–
15062	.163	(a)	**16722**	(a)	–	**18575**	(a)	(a)	**40111**	13.60	–
15063	.19	(a)	**16723**	(a)	–	**18616**	.28	.49	**40115**	(a)	–
15070	.089	–	**16750**	.174	.035	**18707**	.018	.006	**40117**	(a)	–
15119	(a)	–	**16751**	.174	–	**18708**	.191	.02	**40140**	(a)	–
15120	(a)	–	**16819**	.99	(a)	**18833**	.21	(a)	**41001**	.46	–
15123	5.87	–	**16820**	.76	(a)	**18834**	.50	.103	**41210**	(a)	–
15124	2.05	–	**16881**	2.72	(a)	**18911**	1.56	.017	**41421**	.77	–
15188	.29	(a)	**16890**	.116	(a)	**18912**	2.94	.027	**41422**	.41	–
15223	.079	.039	**16891**	.126	(a)	**18920**	.76	.017	**41510**	78.60	–
15224	.58	.06	**16892**	.229	(a)	**18991**	(a)	–	**41603**	36.30	–
15300	(a)	–	**16900**	3.17	.073	**19007**	2.30	–	**41604**	20.00	–
15314	.36	(a)	**16901**	2.03	.099	**19051**	5.09	–	**41620**	.83	–
15404	.074	(a)	**16902**	1.72	.055	**19061**	(a)	–	**41650**	51.20	–
15405	.11	(a)	**16905**	3.33	.063	**19795**	.51	(a)	**41664**	58.00	–
15406	.28	.056	**16906**	2.13	.09	**19796**	.60	–	**41665**	6.79	–
15488	.70	(a)	**16910**	1.90	.047	**40005**	(a)	–	**41666**	(a)	–
15538	.63	.015	**16911**	1.72	.046	**40006**	(a)	–	**41667**	158.00	–
15600	1.60	.085	**16915**	1.95	.045	**40010**	(a)	–	**41668**	149.00	–
15607	.116	–	**16916**	1.62	.053	**40015**	(a)	–	**41669**	1.04	–
15608	.36	.009	**16920**	4.32	.102	**40020**	(a)	–	**41670**	1.75	–
15656	10.50	–	**16921**	3.94	.041	**40026**	(a)	–	**41672**	(a)	–
15699	.29	–	**16930**	2.48	.127	**40031**	(a)	–	**41673**	(a)	–
15733	.182	.03	**16931**	2.68	.054	**40032**	(a)	–	**41675**	(a)	–
15839	.48	.024	**16940**	5.39	.041	**40040**	(a)	–	**41677**	.171	–
15991	.39	.066	**16941**	2.16	.072	**40041**	(a)	–	**41678**	66.10	–
15993	.33	.042	**18078**	.213	.131	**40042**	(a)	–	**41679**	(a)	(a)
16005	.062	.03	**18109**	.65	.027	**40045**	383.00	–	**41680**	26.60	–
16009	.223	.111	**18110**	.52	.029	**40046**	75.70	–	**41696**	.54	–
16402	2.36	–	**18200**	(a)	–	**40047**	27.00	–	**41697**	.38	–
16403	1.49	.144	**18205**	.33	.39	**40059**	9.66	–	**41700**	(a)	–
16404	1.89	–	**18206**	.84	.10	**40061**	5.12	–	**41715**	16.90	–
16471	.164	–	**18335**	.61	.015	**40063**	171.00	–	**41716**	10.70	–
16501	.132	(a)	**18435**	1.14	.058	**40064**	50.40	–	**43007**	(a)	–
16527	.202	.27	**18436**	.92	.124	**40066**	(a)	–	**43117**	(a)	–
16588	.103	(a)	**18437**	.87	(a)	**40067**	(a)	–	**43151**	46.70	–
16604	.174	.10	**18438**	1.67	(a)	**40069**	(a)	–	**43152**	19.80	–

CLASSES 43200–49292   COMMERCIAL LINES MANUAL   ARIZONA (02)
PREM/OPS TERR. 502   DIVISION SIX
PROD/COPS   GENERAL LIABILITY
        LOSS COST PAGES

$100,000/200,000 BASIC LIMIT OCCURRENCE
Premises/Operations (Prem/Ops) (Subline Code 334) Territory 502
Products/Completed Operations (Prod/COps)   (Subline Code 336) Entire State Territory 999

Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops
43200	178.00	–	44112	.80	–	45771	.32	.131	47254	(a)	–
43215	(a)	–	44113	(a)	–	45819	.105	.062	47318	16.20	–
43421	48.70	–	44193	(a)	–	45900	.182	.043	47367	.171	–
43422	255.00	–	44194	(a)	–	45901	.156	.039	47420	3.54	–
43424	(a)	–	44222	(a)	–	45937	.40	–	47468	(a)	–
43470	3.14	–	44276	238.00	–	45993	(a)	(a)	47469	7.67	–
43517	(a)	–	44277	155.00	–	46004	48.60	–	47471	6.65	–
43518	24.90	–	44280	.171	–	46005	38.90	–	47473	8.70	–
43550	174.00	–	44311	12.80	–	46112	.159	–	47474	9.72	–
43551	96.30	–	44315	8.62	–	46202	3.49	–	47475	7.67	–
43626	19.90	–	44427	146.00	–	46362	231.00	–	47476	7.67	–
43628	258.00	–	44428	147.00	–	46426	33.70	–	47477	10.20	–
43629	219.00	–	44429	2.21	–	46427	45.00	–	47478	10.70	–
43754	(a)	–	44430	1.53	–	46510	(a)	–	47600	(a)	–
43760	7.29	–	44431	4.90	–	46590	(a)	–	47610	(a)	–
43822	2.50	–	44432	1.55	–	46603	2.83	–	48039	126.00	–
43840	.031	–	44433	49.50	–	46604	3.26	–	48177	(a)	–
43860	1.97	–	44434	94.70	–	46606	8.70	–	48178	(a)	–
43889	.70	–	44435	98.00	–	46607	12.00	–	48206	52.60	–
43945	(a)	–	44436	114.00	–	46622	7.31	–	48252	(a)	–
43946	(a)	–	44437	94.90	–	46671	(a)	–	48441	.221	–
43990	(a)	(a)	44438	75.00	–	46700	357.00	–	48557	22.10	–
43991	(a)	–	44439	146.00	–	46773	(a)	–	48558	19.20	–
44009	7.16	–	44440	121.00	–	46822	(a)	–	48600	67.40	–
44010	(a)	(a)	44500	(a)	–	46881	(a)	–	48610	(a)	–
44069	21.20	–	44501	(a)	–	46882	(a)	–	48636	1.59	(a)
44070	6.29	–	45190	2.75	–	46911	39.30	–	48637	16.90	–
44071	7.00	–	45191	1.95	–	46912	72.00	–	48638	8.37	–
44072	4.83	–	45192	2.28	–	46913	(a)	–	48727	(a)	–
44100	2.39	–	45193	1.35	–	46914	(a)	–	48808	2.69	–
44101	2.49	–	45210	1.70	–	46915	(a)	–	48924	(a)	–
44102	1.94	–	45224	(a)	–	46916	(a)	–	48925	404.00	–
44103	1.71	–	45225	(a)	–	47050	.68	–	49005	.116	–
44104	.72	–	45334	102.00	–	47051	(a)	–	49111	4.12	–
44105	(a)	–	45380	.213	(a)	47052	(a)	–	49181	41.10	–
44106	(a)	–	45450	30.10	–	47103	(a)	–	49183	50.20	–
44108	.85	–	45523	(a)	–	47146	(a)	–	49184	106.00	–
44109	2.14	–	45524	(a)	–	47147	(a)	–	49185	96.30	–
44110	2.19	–	45539	(a)	–	47221	392.00	–	49239	.159	.36
44111	1.34	–	45678	.185	–	47253	(a)	–	49292	3.01	–

ARIZONA (02)   **COMMERCIAL LINES MANUAL**   **CLASSES 49305–53271**
DIVISION SIX   **PREM/OPS TERR. 502**
GENERAL LIABILITY   **PROD/COPS**
LOSS COST PAGES

$100,000/200,000 BASIC LIMIT OCCURRENCE **Premises/Operations (Prem/Ops) (Subline Code 334) Territory 502** **Products/Completed Operations (Prod/COps) (Subline Code 336) Entire State Territory 999**
Class Code	**Prem/ Ops**	**Prod/ Cops**	**Class Code**	**Prem/ Ops**	**Prod/ Cops**	**Class Code**	**Prem/ Ops**	**Prod/ Cops**	**Class Code**	**Prem/ Ops**	**Prod/ Cops**
49305	(a)	–	51240	.57	.215	51702	.15	(a)	51986	.28	.082
49333	22.10	–	51241	1.68	.24	51703	.062	(a)	51999	.116	.32
49451	(a)	–	51250	.25	(a)	51734	.117	.43	52002	.102	.104
49452	(a)	–	51251	.049	(a)	51741	.29	.26	52075	.185	.197
49617	.48	.149	51252	.171	.061	51752	.249	.141	52076	.223	(a)
49618	.41	.051	51253	.146	(a)	51767	.026	.007	52109	.026	(a)
49619	.76	.111	51254	.045	.025	51777	.091	.058	52134	.34	.56
49763	4.96	–	51255	.64	(a)	51790	.151	(a)	52137	.073	(a)
49800	(a)	–	51300	.125	.127	51796	.107	(a)	52150	.63	(a)
49801	345.00	–	51305	.125	.76	51808	.38	.53	52315	.118	.27
49802	30.60	–	51315	.103	.08	51809	.47	.173	52341	.046	(a)
49803	54.20	–	51330	.097	.82	51833	.136	.051	52342	.132	(a)
49840	.70	–	51333	.032	.28	51850	.236	(a)	52343	.081	(a)
49870	169.00	–	51340	.047	(a)	51851	.16	(a)	52401	.249	(a)
49890	(a)	–	51350	.21	.115	51852	.37	(a)	52402	.026	(a)
49891	(a)	–	51351	.188	.045	51853	.15	(a)	52432	.128	(a)
49902	(a)	–	51352	.26	.09	51854	.34	(a)	52433	.117	.65
49903	(a)	–	51355	.176	.082	51855	.35	(a)	52435	.146	(a)
50010	.28	.33	51356	.189	.47	51856	.195	(a)	52438	.106	(a)
50011	.088	(a)	51357	.147	.95	51857	.33	(a)	52440	.166	(a)
50012	.102	(a)	51358	.35	.111	51869	.127	.138	52467	.153	(a)
50015	.179	(a)	51359	.31	.62	51877	.71	.156	52469	.054	.085
50017	.136	(a)	51370	.55	2.69	51889	.117	.01	52505	.27	.195
50018	.081	(a)	51380	.055	.039	51896	.055	.017	52547	.216	.058
50019	.073	(a)	51400	.228	(a)	51900	.102	.098	52581	1.30	1.80
50045	.31	(a)	51401	.34	(a)	51909	.213	.048	52619	.091	(a)
50047	.035	(a)	51500	.105	.145	51919	.118	(a)	52660	.061	–
51001	.055	.38	51516	.051	–	51926	.12	.041	52744	.52	.052
51005	.011	(a)	51517	.058	–	51927	.065	.10	52767	.198	(a)
51116	.138	.64	51550	.129	.42	51934	.132	.082	52876	(a)	(a)
51201	.047	(a)	51551	.045	.83	51941	.12	.034	52911	.073	.42
51205	.143	.046	51552	.078	.137	51942	.192	–	52967	.027	.052
51206	.022	.37	51553	.139	(a)	51956	.52	.14	53001	.27	.241
51210	.096	(a)	51554	.013	(a)	51957	.46	.37	53077	.129	.204
51211	(a)	(a)	51575	.056	.023	51958	.41	.31	53095	.088	(a)
51220	.33	1.48	51576	.249	.101	51959	.42	(a)	53096	.123	(a)
51221	.182	1.47	51600	.169	.194	51960	.055	.30	53121	.35	.46
51222	.222	4.76	51613	.112	.141	51970	.238	.138	53147	.033	(a)
51224	.233	1.17	51625	.05	(a)	51982	.07	.068	53229	.187	(a)
51230	.04	.64	51666	.089	.085	51985	.048	–	53271	.066	(a)

CLASSES 53333–59257   COMMERCIAL LINES MANUAL   ARIZONA (02)
PREM/OPS TERR. 502   DIVISION SIX
PROD/COPS   GENERAL LIABILITY
                           LOSS COST PAGES

$100,000/200,000 BASIC LIMIT OCCURRENCE
Premises/Operations (Prem/Ops) (Subline Code 334) Territory 502
Products/Completed Operations (Prod/COps)   (Subline Code 336) Entire State Territory 999

Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops
53333	.184	.249	55715	.27	.169	56918	.074	(a)	58096	.244	1.35
53374	.137	.191	55716	.40	.41	56919	.19	(a)	58301	.059	.086
53375	.073	.31	55717	.25	(a)	56920	.173	(a)	58302	.066	.042
53376	.117	.159	55718	.243	(a)	56980	.136	(a)	58397	.38	.45
53377	.119	.172	55802	.091	.013	57001	.047	.022	58408	.04	–
53403	.075	(a)	55918	.157	1.76	57002	.03	.08	58409	.051	–
53425	.173	(a)	55919	.021	2.95	57090	.28	.83	58456	.027	–
53565	.088	.081	56040	.015	.028	57146	.176	.64	58457	.04	–
53631	.041	.019	56041	.097	(a)	57202	.12	(a)	58458	.051	–
53632	.047	.029	56042	.123	(a)	57257	.15	.042	58459	.062	–
53731	.043	(a)	56170	.17	(a)	57401	.085	.079	58503	.102	.08
53732	.29	.45	56171	.084	(a)	57403	.185	.03	58532	.131	(a)
53733	.189	.177	56202	.097	.063	57410	.041	.164	58559	.027	(a)
53734	.31	–	56390	.17	.64	57411	.043	(a)	58560	.065	(a)
53803	.41	(a)	56391	.146	.25	57572	.024	.094	58561	(a)	(a)
53901	(a)	(a)	56427	.235	.107	57600	.072	.03	58575	.083	.098
53902	(a)	(a)	56488	.151	.042	57611	.091	.044	58627	.27	.011
53903	(a)	(a)	56567	.176	(a)	57625	.63	(a)	58663	.39	.65
53904	(a)	(a)	56650	.54	(a)	57651	.077	.037	58682	.238	(a)
53905	(a)	(a)	56651	.29	(a)	57690	.119	.38	58713	.058	(a)
53907	.128	.078	56652	.21	(a)	57716	.056	.08	58737	.173	.49
53951	(a)	(a)	56653	.202	(a)	57725	.123	.083	58756	.073	(a)
53952	(a)	(a)	56654	.103	(a)	57726	.096	.025	58757	.58	(a)
53953	(a)	(a)	56690	.078	.31	57798	.039	(a)	58759	.072	(a)
54012	.031	–	56699	.108	.078	57800	.145	(a)	58802	.082	.39
54077	.175	.36	56758	.092	.123	57808	.047	(a)	58813	.179	(a)
54444	(a)	(a)	56759	.094	.07	57809	.049	(a)	58822	.225	(a)
55010	.53	.76	56760	.135	.087	57810	.047	.09	58837	.36	.155
55011	.143	2.01	56805	.178	(a)	57871	.056	.091	58840	.108	.11
55012	.17	.92	56806	.126	(a)	57913	.188	.206	58873	.172	.021
55013	.157	1.13	56807	.125	(a)	57997	.068	–	58903	.051	(a)
55014	(a)	(a)	56808	.163	(a)	57998	.083	.047	58904	.039	.108
55214	.138	.075	56900	.157	(a)	57999	.078	.065	58922	.29	.189
55371	.35	.096	56910	.078	(a)	58009	.078	(a)	59005	.097	.063
55410	(a)	(a)	56911	.152	(a)	58010	.193	(a)	59057	.72	(a)
55426	.19	(a)	56912	.123	.089	58020	.199	(a)	59058	.47	(a)
55597	.035	1.45	56913	.10	(a)	58056	.231	(a)	59188	.40	.047
55647	.069	.065	56915	.59	(a)	58057	.145	(a)	59189	.54	.25
55648	.031	(a)	56916	.54	.26	58058	.13	(a)	59223	.178	.128
55649	.037	(a)	56917	.155	(a)	58095	.183	1.22	59257	.026	.011

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Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops
$100,000/200,000 BASIC LIMIT OCCURRENCE Premises/Operations (Prem/Ops) (Subline Code 334) Territory 502 Products/Completed Operations (Prod/COps) (Subline Code 336) Entire State Territory 999											
59306	.165	(a)	**59923**	.019	.006	**62003**	17.80	–	**91125**	2.23	1.71
59378	.116	.124	**59925**	.32	1.15	**63010**	45.90	–	**91127**	1.81	1.08
59481	.44	.096	**59926**	.27	.46	**63011**	57.40	–	**91130**	1.10	–
59482	.41	(a)	**59927**	.182	1.10	**63012**	81.60	–	**91135**	.31	(a)
59537	.125	.219	**59931**	.34	.37	**63013**	77.30	–	**91150**	1.71	5.10
59601	.167	1.80	**59932**	.37	.69	**63215**	58.90	–	**91155**	3.80	31.90
59647	.184	.141	**59941**	.114	(a)	**63216**	40.90	–	**91160**	.90	–
59660	.31	.83	**59947**	.079	.26	**63217**	76.90	–	**91175**	.77	–
59661	.151	(a)	**59955**	.044	.114	**63218**	25.90	–	**91177**	3.38	–
59693	.025	–	**59963**	.33	.32	**63219**	(a)	–	**91179**	3.39	–
59695	(a)	(a)	**59964**	.76	.059	**63220**	(a)	–	**91190**	1.82	(a)
59701	.012	.38	**59970**	.106	.147	**64074**	19.40	–	**91200**	.63	–
59713	.27	.30	**59973**	.21	(a)	**64075**	13.70	–	**91210**	(a)	–
59722	.142	.023	**59975**	.149	.13	**64500**	(a)	–	**91235**	2.09	2.10
59723	.054	.03	**59977**	.085	(a)	**65007**	35.90	–	**91250**	3.15	(a)
59724	.082	.016	**59984**	.058	.041	**66122**	15.40	–	**91265**	13.40	3.07
59725	.102	.126	**59985**	.225	(a)	**66123**	8.49	–	**91266**	7.12	.82
59726	.074	.023	**59986**	.172	(a)	**66309**	24.80	–	**91280**	(a)	2.75
59738	.238	.052	**59988**	.038	.05	**66561**	57.40	–	**91302**	8.87	(a)
59750	.093	.141	**59989**	.03	.037	**67017**	53.30	–	**91315**	2.69	–
59751	.033	(a)	**60010**	25.50	–	**67508**	61.40	–	**91324**	6.00	(a)
59773	.023	.023	**60011**	29.30	–	**67509**	45.00	–	**91325**	(a)	(a)
59774	.019	.127	**60012**	48.20	–	**67510**	25.10	–	**91340**	3.92	7.49
59775	.025	.156	**60013**	41.30	–	**67511**	27.10	–	**91341**	3.88	3.90
59781	.081	.065	**60015**	30.90	–	**67512**	116.00	–	**91342**	3.59	3.60
59782	.12	.62	**60016**	34.70	–	**67513**	73.70	–	**91343**	.86	1.45
59783	.117	(a)	**60035**	40.40	–	**67634**	46.10	–	**91405**	4.56	–
59784	.09	(a)	**61000**	25.20	–	**67635**	32.60	–	**91436**	4.39	2.10
59790	.183	(a)	**61212**	20.70	–	**68001**	99.60	–	**91481**	16.00	–
59798	.31	.33	**61216**	22.90	–	**68439**	128.00	–	**91507**	2.36	3.00
59806	.219	(a)	**61217**	20.90	–	**68500**	5.61	–	**91523**	36.40	–
59867	.206	(a)	**61218**	14.30	–	**68604**	2.40	–	**91547**	.207	–
59886	.028	.087	**61223**	101.00	–	**68606**	9.36	–	**91551**	1.28	.69
59889	.077	.192	**61224**	32.30	–	**68607**	7.39	–	**91555**	1.26	.97
59892	.117	(a)	**61225**	44.80	–	**68702**	6.09	–	**91560**	3.93	4.35
59904	.079	.088	**61226**	75.40	–	**68703**	4.56	–	**91562**	2.86	–
59905	.129	.112	**61227**	69.00	–	**68706**	19.60	–	**91577**	10.20	3.15
59914	.76	.65	**62000**	15.70	–	**68707**	19.40	–	**91580**	5.19	–
59915	.26	.53	**62001**	12.40	–	**90089**	3.71	–	**91581**	(a)	(a)
59917	.049	.222	**62002**	5.66	–	**91111**	2.69	5.55	**91582**	(a)	(a)

$100,000/200,000 BASIC LIMIT OCCURRENCE														
Premises/Operations (Prem/Ops) (Subline Code 334) Territory 502														
Products/Completed Operations (Prod/COps) (Subline Code 336) Entire State Territory 999														
Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops
91583	(a)	(a)	94444	(a)	(a)	97223	2.09	2.58	98308	.98	1.00			
91584	(a)	(a)	94569	2.52	3.90	97308	.55	–	98309	4.72	2.19			
91585	(a)	(a)	94590	10.90	–	97447	1.81	5.10	98344	.61	.76			
91586	(a)	(a)	94617	3.44	–	97501	(a)	–	98405	1.01	–			
91587	(a)	(a)	94638	(a)	–	97502	(a)	–	98413	12.40	(a)			
91588	(a)	(a)	95124	1.27	1.18	97503	(a)	–	98414	11.30	(a)			
91589	(a)	(a)	95233	2.72	–	97504	(a)	–	98415	1.49	(a)			
91590	2.97	–	95305	2.95	–	97650	3.15	3.60	98423	3.55	(a)			
91591	(a)	(a)	95306	4.32	–	97651	5.35	4.35	98424	6.01	(a)			
91606	10.80	–	95310	7.05	1.09	97652	4.64	4.65	98425	2.47	(a)			
91618	(a)	(a)	95357	1.10	–	97653	2.69	3.00	98426	2.18	(a)			
91629	2.20	(a)	95358	(a)	–	97654	4.69	2.85	98427	2.12	–			
91636	3.77	–	95410	3.81	2.70	97655	4.13	4.20	98428	(a)	–			
91641	1.02	(a)	95455	4.56	1.65	98002	.75	.94	98429	.98	–			
91666	.80	(a)	95487	2.04	(a)	98003	.84	(a)	98430	(a)	–			
91722	3.30	(a)	95505	2.12	2.10	98090	.113	–	98449	3.05	25.50			
91746	2.86	5.55	95620	1.66	(a)	98091	.123	–	98482	3.27	6.15			
91805	.179	–	95625	4.24	3.60	98092	.37	–	98483	4.83	15.00			
92053	.44	.68	95630	(a)	(a)	98111	.53	–	98502	4.62	3.60			
92054	.152	.22	95647	2.52	5.55	98150	(a)	–	98555	2.15	–			
92055	4.24	.227	95648	(a)	(a)	98151	(a)	–	98597	.48	–			
92101	6.62	3.00	96053	1.91	4.20	98152	2.52	.59	98598	.166	–			
92102	3.99	3.30	96317	1.14	–	98153	2.83	(a)	98601	5.53	(a)			
92215	3.00	3.00	96408	3.30	11.00	98154	3.34	(a)	98622	(a)	–			
92338	1.53	1.95	96409	3.05	7.83	98155	4.68	(a)	98623	(a)	–			
92445	2.16	–	96410	2.68	8.24	98156	(a)	(a)	98624	.87	–			
92446	5.04	1.80	96611	.90	1.39	98157	2.99	.31	98636	2.57	3.45			
92447	4.40	1.48	96702	3.79	(a)	98158	(a)	(a)	98640	95.40	–			
92451	2.09	2.25	96703	(a)	–	98159	2.01	(a)	98658	4.84	–			
92453	2.79	–	96816	3.56	–	98160	4.25	(a)	98659	.86	.36			
92478	1.38	1.65	96872	4.05	(a)	98161	4.76	(a)	98677	15.00	9.89			
92593	27.40	–	96930	(a)	–	98162	(a)	(a)	98678	13.40	13.00			
92663	.51	–	97002	(a)	(a)	98163	4.99	.179	98698	(a)	(a)			
94007	9.45	4.80	97003	(a)	(a)	98164	1.76	.062	98699	4.35	(a)			
94099	2.15	–	97047	2.73	–	98257	1.27	–	98705	6.84	–			
94225	7.57	–	97050	2.12	–	98303	9.40	5.98	98710	3.02	–			
94276	3.95	4.20	97111	4.55	–	98304	4.70	3.59	98751	3.66	–			
94304	2.67	(a)	97220	.29	(a)	98305	2.19	1.79	98805	3.95	1.38			
94381	5.01	11.70	97221	(a)	1.14	98306	5.64	.98	98806	2.39	3.45			
94404	3.74	4.35	97222	1.38	1.63	98307	1.49	.54	98810	3.09	–			

ARIZONA (02)   **COMMERCIAL LINES MANUAL**   **CLASSES 98813–99988**
DIVISION SIX   **PREM/OPS TERR. 502**
GENERAL LIABILITY   **PROD/COPS**
LOSS COST PAGES

$100,000/200,000 BASIC LIMIT OCCURRENCE Premises/Operations (Prem/Ops) (Subline Code 334) Territory 502 — Products/Completed Operations (Prod/COps) (Subline Code 336) Entire State Territory 999										
Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops

Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops
98813	2.98	1.99	99620	.41	–
98820	7.53	3.45	99650	1.13	1.00
98871	(a)	(a)	99709	2.79	(a)
98884	1.96	2.10	99718	1.21	–
98914	.59	.49	99746	2.06	3.15
98949	.83	.28	99760	.235	–
98967	3.08	10.20	99777	5.35	–
98993	4.91	3.33	99793	2.61	–
99003	1.46	1.22	99798	(a)	(a)
99004	2.48	1.50	99803	(a)	8.11
99080	1.03	7.04	99826	.61	.70
99081	(a)	–	99827	.37	.62
99082	(a)	–	99851	1.52	–
99083	(a)	–	99917	2.46	–
99084	(a)	(a)	99938	2.76	–
99085	(a)	(a)	99943	8.00	–
99111	1.50	–	99946	5.96	2.19
99160	(a)	–	99948	5.92	19.90
99163	3.59	.36	99952	4.53	15.70
99165	.79	(a)	99953	4.88	9.57
99220	1.30	(a)	99954	3.56	11.10
99221	(a)	(a)	99955	4.45	8.70
99222	2.44	(a)	99963	.59	–
99223	.221	(a)	99969	2.36	2.70
99303	12.00	–	99975	3.95	–
99310	3.01	(a)	99986	(a)	–
99315	8.84	1.95	99987	(a)	–
99321	8.58	2.25	99988	2.08	–
99445	(a)	(a)			
99471	.59	–			
99505	4.15	–			
99506	5.11	–			
99507	4.46	–			
99570	2.39	(a)			
99571	.58	(a)			
99572	1.13	(a)			
99573	1.08	(a)			
99600	1.08	–			
99613	7.60	2.25			
99614	2.41	–			

CLASSES 10010–14734   COMMERCIAL LINES MANUAL   ARIZONA (02)
PREM/OPS TERR. 503   DIVISION SIX
PROD/COPS   GENERAL LIABILITY
     LOSS COST PAGES

$100,000/200,000 BASIC LIMIT OCCURRENCE											
Premises/Operations (Prem/Ops) (Subline Code 334) Territory 503											
Products/Completed Operations (Prod/COps) (Subline Code 336) Entire State Territory 999											
Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops
10010	.155	.167	**10150**	.27	(a)	**11204**	.173	1.30	**13111**	.83	.08
10011	.037	(a)	**10151**	6.88	–	**11205**	(a)	–	**13112**	.046	.054
10012	.043	(a)	**10160**	1.23	–	**11206**	.49	–	**13201**	.62	.123
10015	11.10	–	**10204**	.124	–	**11207**	6.15	–	**13204**	.70	.86
10020	(a)	(a)	**10205**	.138	–	**11208**	1.05	–	**13205**	.27	.34
10025	.037	(a)	**10210**	.221	(a)	**11209**	4.95	–	**13206**	(a)	(a)
10026	.36	.019	**10211**	.221	(a)	**11210**	2.11	–	**13207**	(a)	(a)
10027	.037	(a)	**10220**	2.60	–	**11211**	11.00	–	**13208**	(a)	(a)
10036	.46	(a)	**10255**	.17	.14	**11212**	1.66	–	**13314**	.066	.012
10040	.118	.32	**10256**	.62	.198	**11213**	1.35	–	**13351**	.161	.051
10042	.204	.32	**10257**	.118	.146	**11214**	3.33	–	**13352**	.164	.036
10052	7.66	–	**10309**	.089	.016	**11222**	.056	–	**13410**	.98	1.66
10054	6.80	–	**10315**	.21	(a)	**11234**	.155	.054	**13411**	(a)	(a)
10060	.098	.057	**10331**	15.00	–	**11248**	.032	.013	**13412**	.33	1.19
10065	.147	.045	**10332**	25.90	–	**11258**	.90	.168	**13453**	.38	(a)
10066	.15	.063	**10352**	.43	.053	**11259**	.96	.14	**13454**	.45	(a)
10070	.089	.134	**10367**	2.82	–	**11273**	7.70	–	**13455**	.45	(a)
10071	.175	.097	**10368**	4.12	–	**11274**	7.39	–	**13461**	(a)	(a)
10072	3.19	–	**10375**	(a)	–	**11288**	1.10	.07	**13506**	.51	.062
10073	.72	.44	**10378**	15.20	–	**12014**	.07	.037	**13507**	.61	.143
10075	5.31	.157	**10379**	7.06	–	**12356**	.65	.027	**13590**	.34	.61
10100	.75	.052	**10380**	12.10	–	**12361**	.054	.066	**13621**	.085	.34
10101	.132	.16	**10381**	10.40	–	**12362**	.098	(a)	**13670**	.03	.018
10105	1.43	–	**11007**	1.20	–	**12373**	.037	.022	**13673**	.68	.014
10107	2.19	.225	**11020**	.167	.18	**12374**	.34	.059	**13715**	.098	.111
10110	37.70	–	**11039**	.62	.062	**12375**	.167	.041	**13716**	.25	.096
10111	.194	.059	**11052**	3.17	–	**12391**	.073	.059	**13720**	.38	.052
10113	.198	–	**11101**	(a)	(a)	**12393**	.221	(a)	**13759**	.098	.102
10115	.39	.072	**11120**	(a)	–	**12467**	.092	(a)	**13930**	.208	.147
10117	11.00	–	**11126**	.035	.023	**12509**	.043	.026	**14068**	.022	.01
10119	(a)	–	**11127**	.49	.008	**12510**	.54	.023	**14101**	.25	.041
10120	24.70	–	**11128**	.67	.065	**12583**	.24	(a)	**14279**	.33	.064
10130	1.95	–	**11138**	3.76	–	**12651**	.70	.45	**14401**	.91	.091
10132	1.68	–	**11155**	.118	–	**12683**	.32	(a)	**14405**	.71	–
10133	3.05	–	**11160**	(a)	(a)	**12707**	.64	.48	**14527**	.40	.169
10135	(a)	–	**11167**	.73	–	**12797**	.135	.177	**14655**	.049	–
10140	.025	.02	**11168**	3.79	–	**12805**	.178	.15	**14731**	3.15	–
10141	.049	.021	**11201**	10.50	–	**12841**	.30	–	**14732**	.233	–
10145	.238	.008	**11202**	3.10	–	**12927**	.052	–	**14733**	.34	–
10146	.33	.016	**11203**	1.15	.38	**13049**	.028	.044	**14734**	.147	–

$100,000/200,000 BASIC LIMIT OCCURRENCE											
Premises/Operations (Prem/Ops) (Subline Code 334) Territory 503											
Products/Completed Operations (Prod/COps) (Subline Code 336) Entire State Territory 999											
Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops
14855	.15	.11	**16670**	6.24	–	**18501**	.72	.013	**40072**	(a)	–
14913	.184	.131	**16676**	.164	.013	**18506**	.30	.006	**40075**	60.10	–
15060	(a)	(a)	**16694**	.28	(a)	**18507**	.104	.007	**40101**	23.20	–
15061	(a)	(a)	**16705**	.31	.113	**18570**	1.08	–	**40102**	20.50	–
15062	.135	(a)	**16722**	(a)	–	**18575**	(a)	(a)	**40111**	12.20	–
15063	.157	(a)	**16723**	(a)	–	**18616**	.228	.49	**40115**	(a)	–
15070	.094	–	**16750**	.058	.035	**18707**	.015	.006	**40117**	(a)	–
15119	(a)	–	**16751**	.058	–	**18708**	.063	.02	**40140**	(a)	–
15120	(a)	–	**16819**	.81	(a)	**18833**	.175	(a)	**41001**	.41	–
15123	3.04	–	**16820**	.63	(a)	**18834**	.164	.103	**41210**	(a)	–
15124	1.06	–	**16881**	.90	(a)	**18911**	.52	.017	**41421**	.64	–
15188	.237	(a)	**16890**	.095	(a)	**18912**	.97	.027	**41422**	.34	–
15223	.035	.039	**16891**	.104	(a)	**18920**	.25	.017	**41510**	26.00	–
15224	.41	.06	**16892**	.189	(a)	**18991**	(a)	–	**41603**	30.40	–
15300	(a)	–	**16900**	2.15	.073	**19007**	1.19	–	**41604**	16.70	–
15314	.118	(a)	**16901**	1.38	.099	**19051**	2.63	–	**41620**	.88	–
15404	.061	(a)	**16902**	1.17	.055	**19061**	(a)	–	**41650**	42.80	–
15405	.09	(a)	**16905**	2.26	.063	**19795**	.17	(a)	**41664**	52.30	–
15406	.23	.056	**16906**	1.44	.09	**19796**	.198	–	**41665**	6.12	–
15488	.57	(a)	**16910**	1.29	.047	**40005**	(a)	–	**41666**	(a)	–
15538	.21	.015	**16911**	1.17	.046	**40006**	(a)	–	**41667**	143.00	–
15600	.53	.085	**16915**	1.32	.045	**40010**	(a)	–	**41668**	134.00	–
15607	.124	–	**16916**	1.10	.053	**40015**	(a)	–	**41669**	.94	–
15608	.118	.009	**16920**	2.93	.102	**40020**	(a)	–	**41670**	1.58	–
15656	3.48	–	**16921**	2.68	.041	**40026**	(a)	–	**41672**	(a)	–
15699	.31	–	**16930**	1.69	.127	**40031**	(a)	–	**41673**	(a)	–
15733	.15	.03	**16931**	1.82	.054	**40032**	(a)	–	**41675**	(a)	–
15839	.158	.024	**16940**	3.66	.041	**40040**	(a)	–	**41677**	.182	–
15991	.129	.066	**16941**	1.47	.072	**40041**	(a)	–	**41678**	52.90	–
15993	.109	.042	**18078**	.177	.131	**40042**	(a)	–	**41679**	(a)	(a)
16005	.052	.03	**18109**	.216	.027	**40045**	345.00	–	**41680**	22.30	–
16009	.184	.111	**18110**	.173	.029	**40046**	68.30	–	**41696**	.57	–
16402	.78	–	**18200**	(a)	–	**40047**	24.30	–	**41697**	.40	–
16403	.49	.144	**18205**	.27	.39	**40059**	8.72	–	**41700**	(a)	–
16404	.62	–	**18206**	.28	.10	**40061**	4.62	–	**41715**	14.10	–
16471	.174	–	**18335**	.201	.015	**40063**	155.00	–	**41716**	8.99	–
16501	.109	(a)	**18435**	.79	.058	**40064**	45.50	–	**43007**	(a)	–
16527	.168	.27	**18436**	.64	.124	**40066**	(a)	–	**43117**	(a)	–
16588	.085	(a)	**18437**	.29	(a)	**40067**	(a)	–	**43151**	29.90	–
16604	.143	.10	**18438**	.55	(a)	**40069**	(a)	–	**43152**	15.80	–

CLASSES 43200–49292   COMMERCIAL LINES MANUAL   ARIZONA (02)
PREM/OPS TERR. 503   DIVISION SIX
PROD/COPS   GENERAL LIABILITY
          LOSS COST PAGES

$100,000/200,000 BASIC LIMIT OCCURRENCE
Premises/Operations (Prem/Ops) (Subline Code 334) Territory 503
Products/Completed Operations (Prod/COps)   (Subline Code 336) Entire State Territory 999

Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops
43200	114.00	–	44112	.66	–	45771	.27	.131	47254	(a)	–
43215	(a)	–	44113	(a)	–	45819	.087	.062	47318	14.60	–
43421	31.20	–	44193	(a)	–	45900	.06	.043	47367	.182	–
43422	164.00	–	44194	(a)	–	45901	.052	.039	47420	3.19	–
43424	(a)	–	44222	(a)	–	45937	.26	–	47468	(a)	–
43470	3.34	–	44276	153.00	–	45993	(a)	(a)	47469	6.42	–
43517	(a)	–	44277	99.10	–	46004	40.70	–	47471	5.57	–
43518	22.40	–	44280	.182	–	46005	32.50	–	47473	7.28	–
43550	111.00	–	44311	11.60	–	46112	.091	–	47474	8.14	–
43551	61.70	–	44315	7.78	–	46202	3.58	–	47475	6.42	–
43626	17.90	–	44427	83.70	–	46362	185.00	–	47476	6.42	–
43628	233.00	–	44428	84.20	–	46426	27.00	–	47477	8.56	–
43629	197.00	–	44429	1.26	–	46427	36.00	–	47478	8.99	–
43754	(a)	–	44430	.88	–	46510	(a)	–	47600	(a)	–
43760	6.57	–	44431	2.80	–	46590	(a)	–	47610	(a)	–
43822	2.66	–	44432	.89	–	46603	2.26	–	48039	80.70	–
43840	.033	–	44433	28.30	–	46604	2.61	–	48177	(a)	–
43860	2.09	–	44434	54.10	–	46606	6.96	–	48178	(a)	–
43889	.75	–	44435	56.10	–	46607	9.57	–	48206	47.40	–
43945	(a)	–	44436	65.50	–	46622	7.77	–	48252	(a)	–
43946	(a)	–	44437	54.30	–	46671	(a)	–	48441	.199	–
43990	(a)	(a)	44438	42.90	–	46700	229.00	–	48557	19.90	–
43991	(a)	–	44439	83.50	–	46773	(a)	–	48558	17.30	–
44009	3.71	–	44440	69.10	–	46822	(a)	–	48600	53.90	–
44010	(a)	(a)	44500	(a)	–	46881	(a)	–	48610	(a)	–
44069	19.20	–	44501	(a)	–	46882	(a)	–	48636	1.79	(a)
44070	5.67	–	45190	2.82	–	46911	35.50	–	48637	15.20	–
44071	6.31	–	45191	2.00	–	46912	65.00	–	48638	7.55	–
44072	4.36	–	45192	2.34	–	46913	(a)	–	48727	(a)	–
44100	1.99	–	45193	1.38	–	46914	(a)	–	48808	.89	–
44101	2.08	–	45210	1.75	–	46915	(a)	–	48924	(a)	–
44102	1.62	–	45224	(a)	–	46916	(a)	–	48925	364.00	–
44103	1.43	–	45225	(a)	–	47050	.73	–	49005	.124	–
44104	.60	–	45334	65.60	–	47051	(a)	–	49111	1.36	–
44105	(a)	–	45380	.176	(a)	47052	(a)	–	49181	26.40	–
44106	(a)	–	45450	19.30	–	47103	(a)	–	49183	32.20	–
44108	.71	–	45523	(a)	–	47146	(a)	–	49184	67.90	–
44109	1.79	–	45524	(a)	–	47147	(a)	–	49185	61.70	–
44110	1.83	–	45539	(a)	–	47221	251.00	–	49239	.131	.36
44111	1.12	–	45678	.196	–	47253	(a)	–	49292	1.93	–

$100,000/200,000 BASIC LIMIT OCCURRENCE
Premises/Operations (Prem/Ops) (Subline Code 334) Territory 503
Products/Completed Operations (Prod/COps)   (Subline Code 336) Entire State Territory 999

Class Code	Prem/Ops	Prod/Cops	Class Code	Prem/Ops	Prod/Cops	Class Code	Prem/Ops	Prod/Cops	Class Code	Prem/Ops	Prod/Cops
49305	(a)	–	51240	.42	.215	51702	.169	(a)	51986	.206	.082
49333	14.20	–	51241	1.26	.24	51703	.07	(a)	51999	.087	.32
49451	(a)	–	51250	.28	(a)	51734	.131	.43	52002	.076	.104
49452	(a)	–	51251	.037	(a)	51741	.221	.26	52075	.208	.197
49617	.25	.149	51252	.128	.061	51752	.186	.141	52076	.25	(a)
49618	.21	.051	51253	.109	(a)	51767	.028	.007	52109	.019	(a)
49619	.40	.111	51254	.034	.025	51777	.097	.058	52134	.26	.56
49763	2.57	–	51255	.72	(a)	51790	.161	(a)	52137	.082	(a)
49800	(a)	–	51300	.134	.127	51796	.08	(a)	52150	.47	(a)
49801	221.00	–	51305	.134	.76	51808	.29	.53	52315	.126	.27
49802	19.60	–	51315	.085	.08	51809	.35	.173	52341	.051	(a)
49803	34.70	–	51330	.109	.82	51833	.145	.051	52342	.148	(a)
49840	.75	–	51333	.036	.28	51850	.26	(a)	52343	.09	(a)
49870	152.00	–	51340	.035	(a)	51851	.179	(a)	52401	.28	(a)
49890	(a)	–	51350	.225	.115	51852	.42	(a)	52402	.019	(a)
49891	(a)	–	51351	.201	.045	51853	.169	(a)	52432	.096	(a)
49902	(a)	–	51352	.28	.09	51854	.38	(a)	52433	.087	.65
49903	(a)	–	51355	.188	.082	51855	.40	(a)	52435	.11	(a)
50010	.206	.33	51356	.203	.47	51856	.218	(a)	52438	.079	(a)
50011	.099	(a)	51357	.121	.95	51857	.37	(a)	52440	.124	(a)
50012	.076	(a)	51358	.29	.111	51869	.095	.138	52467	.115	(a)
50015	.134	(a)	51359	.26	.62	51877	.53	.156	52469	.04	.085
50017	.102	(a)	51370	.41	2.69	51889	.088	.01	52505	.20	.195
50018	.09	(a)	51380	.041	.039	51896	.041	.017	52547	.242	.058
50019	.055	(a)	51400	.26	(a)	51900	.109	.098	52581	.98	1.80
50045	.233	(a)	51401	.38	(a)	51909	.239	.048	52619	.069	(a)
50047	.026	(a)	51500	.078	.145	51919	.089	(a)	52660	.065	–
51001	.061	.38	51516	.055	–	51926	.09	.041	52744	.56	.052
51005	.013	(a)	51517	.062	–	51927	.049	.10	52767	.222	(a)
51116	.155	.64	51550	.097	.42	51934	.099	.082	52876	(a)	(a)
51201	.035	(a)	51551	.034	.83	51941	.09	.034	52911	.055	.42
51205	.107	.046	51552	.058	.137	51942	.144	–	52967	.021	.052
51206	.017	.37	51553	.104	(a)	51956	.39	.14	53001	.201	.241
51210	.107	(a)	51554	.01	(a)	51957	.34	.37	53077	.096	.204
51211	(a)	(a)	51575	.06	.023	51958	.30	.31	53095	.066	(a)
51220	.37	1.48	51576	.186	.101	51959	.31	(a)	53096	.092	(a)
51221	.205	1.47	51600	.127	.194	51960	.041	.30	53121	.26	.46
51222	.249	4.76	51613	.084	.141	51970	.178	.138	53147	.038	(a)
51224	.26	1.17	51625	.056	(a)	51982	.053	.068	53229	.21	(a)
51230	.044	.64	51666	.095	.085	51985	.051	–	53271	.049	(a)

CLASSES 53333–59257   COMMERCIAL LINES MANUAL   ARIZONA (02)
PREM/OPS TERR. 503   DIVISION SIX
PROD/COPS   GENERAL LIABILITY
                          LOSS COST PAGES

$100,000/200,000 BASIC LIMIT OCCURRENCE
Premises/Operations (Prem/Ops) (Subline Code 334) Territory 503
Products/Completed Operations (Prod/COps)   (Subline Code 336) Entire State Territory 999

Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops
53333	.206	.249	55715	.205	.169	56918	.084	(a)	58096	.183	1.35
53374	.147	.191	55716	.30	.41	56919	.213	(a)	58301	.067	.086
53375	.078	.31	55717	.28	(a)	56920	.194	(a)	58302	.049	.042
53376	.125	.159	55718	.27	(a)	56980	.102	(a)	58397	.29	.45
53377	.128	.172	55802	.097	.013	57001	.035	.022	58408	.043	–
53403	.081	(a)	55918	.117	1.76	57002	.023	.08	58409	.055	–
53425	.194	(a)	55919	.016	2.95	57090	.31	.83	58456	.029	–
53565	.094	.081	56040	.011	.028	57146	.198	.64	58457	.042	–
53631	.03	.019	56041	.073	(a)	57202	.09	(a)	58458	.055	–
53632	.035	.029	56042	.092	(a)	57257	.112	.042	58459	.065	–
53731	.032	(a)	56170	.191	(a)	57401	.064	.079	58503	.076	.08
53732	.218	.45	56171	.094	(a)	57403	.198	.03	58532	.098	(a)
53733	.142	.177	56202	.073	.063	57410	.031	.164	58559	.02	(a)
53734	.33	–	56390	.128	.64	57411	.048	(a)	58560	.048	(a)
53803	.46	(a)	56391	.11	.25	57572	.018	.094	58561	(a)	(a)
53901	(a)	(a)	56427	.176	.107	57600	.054	.03	58575	.062	.098
53902	(a)	(a)	56488	.161	.042	57611	.102	.044	58627	.20	.011
53903	(a)	(a)	56567	.198	(a)	57625	.47	(a)	58663	.44	.65
53904	(a)	(a)	56650	.61	(a)	57651	.057	.037	58682	.178	(a)
53905	(a)	(a)	56651	.33	(a)	57690	.133	.38	58713	.062	(a)
53907	.096	.078	56652	.235	(a)	57716	.063	.08	58737	.129	.49
53951	(a)	(a)	56653	.227	(a)	57725	.138	.083	58756	.082	(a)
53952	(a)	(a)	56654	.116	(a)	57726	.107	.025	58757	.44	(a)
53953	(a)	(a)	56690	.084	.31	57798	.029	(a)	58759	.054	(a)
54012	.033	–	56699	.081	.078	57800	.109	(a)	58802	.061	.39
54077	.131	.36	56758	.069	.123	57808	.053	(a)	58813	.201	(a)
54444	(a)	(a)	56759	.071	.07	57809	.055	(a)	58822	.168	(a)
55010	.40	.76	56760	.101	.087	57810	.053	.09	58837	.40	.155
55011	.107	2.01	56805	.133	(a)	57871	.063	.091	58840	.121	.11
55012	.128	.92	56806	.094	(a)	57913	.141	.206	58873	.193	.021
55013	.176	1.13	56807	.094	(a)	57997	.073	–	58903	.039	(a)
55014	(a)	(a)	56808	.122	(a)	57998	.062	.047	58904	.03	.108
55214	.103	.075	56900	.117	(a)	57999	.087	.065	58922	.32	.189
55371	.37	.096	56910	.059	(a)	58009	.087	(a)	59005	.073	.063
55410	(a)	(a)	56911	.171	(a)	58010	.145	(a)	59057	.54	(a)
55426	.213	(a)	56912	.138	.089	58020	.213	(a)	59058	.35	(a)
55597	.026	1.45	56913	.113	(a)	58056	.173	(a)	59188	.42	.047
55647	.052	.065	56915	.67	(a)	58057	.109	(a)	59189	.58	.25
55648	.023	(a)	56916	.60	.26	58058	.098	(a)	59223	.20	.128
55649	.028	(a)	56917	.174	(a)	58095	.137	1.22	59257	.02	.011

$100,000/200,000 BASIC LIMIT OCCURRENCE											
Premises/Operations (Prem/Ops) (Subline Code 334) Territory 503											
Products/Completed Operations (Prod/COps) (Subline Code 336) Entire State Territory 999											
Class Code	**Prem/ Ops**	**Prod/ Cops**	**Class Code**	**Prem/ Ops**	**Prod/ Cops**	**Class Code**	**Prem/ Ops**	**Prod/ Cops**	**Class Code**	**Prem/ Ops**	**Prod/ Cops**
59306	.123	(a)	59923	.014	.006	62003	14.30	–	91125	2.23	1.71
59378	.13	.124	59925	.26	1.15	63010	32.00	–	91127	1.81	1.08
59481	.33	.096	59926	.223	.46	63011	40.00	–	91130	1.10	–
59482	.44	(a)	59927	.15	1.10	63012	56.90	–	91135	.31	(a)
59537	.14	.219	59931	.26	.37	63013	53.90	–	91150	1.71	5.10
59601	.125	1.80	59932	.28	.69	63215	47.10	–	91155	3.80	31.90
59647	.197	.141	59941	.086	(a)	63216	32.70	–	91160	.90	–
59660	.23	.83	59947	.089	.26	63217	69.40	–	91175	.77	–
59661	.113	(a)	59955	.033	.114	63218	23.40	–	91177	3.38	–
59693	.019	–	59963	.244	.32	63219	(a)	–	91179	3.39	–
59695	(a)	(a)	59964	.57	.059	63220	(a)	–	91190	1.82	(a)
59701	.009	.38	59970	.119	.147	64074	19.90	–	91200	.63	–
59713	.206	.30	59973	.158	(a)	64075	14.00	–	91210	(a)	–
59722	.107	.023	59975	.167	.13	64500	(a)	–	91235	2.09	2.10
59723	.04	.03	59977	.096	(a)	65007	28.70	–	91250	3.15	(a)
59724	.062	.016	59984	.043	.041	66122	12.30	–	91265	13.40	3.07
59725	.077	.126	59985	.169	(a)	66123	6.79	–	91266	7.12	.82
59726	.056	.023	59986	.129	(a)	66309	19.80	–	91280	(a)	2.75
59738	.178	.052	59988	.043	.05	66561	45.90	–	91302	8.87	(a)
59750	.104	.141	59989	.023	.037	67017	42.60	–	91315	2.69	–
59751	.038	(a)	60010	17.80	–	67508	51.40	–	91324	6.00	(a)
59773	.025	.023	60011	20.50	–	67509	37.70	–	91325	(a)	(a)
59774	.021	.127	60012	33.60	–	67510	21.00	–	91340	3.92	7.49
59775	.026	.156	60013	28.80	–	67511	22.70	–	91341	3.88	3.90
59781	.09	.065	60015	21.50	–	67512	97.20	–	91342	3.59	3.60
59782	.135	.62	60016	24.20	–	67513	61.70	–	91343	.86	1.45
59783	.131	(a)	60035	32.30	–	67634	36.90	–	91405	4.56	–
59784	.101	(a)	61000	17.60	–	67635	26.10	–	91436	4.39	2.10
59790	.137	(a)	61212	16.50	–	68001	79.60	–	91481	16.00	–
59798	.34	.33	61216	18.30	–	68439	102.00	–	91507	2.36	3.00
59806	.246	(a)	61217	16.70	–	68500	3.91	–	91523	36.40	–
59867	.155	(a)	61218	11.40	–	68604	1.92	–	91547	.207	–
59886	.021	.087	61223	81.00	–	68606	7.48	–	91551	1.28	.69
59889	.082	.192	61224	25.80	–	68607	5.91	–	91555	1.26	.97
59892	.131	(a)	61225	35.80	–	68702	4.87	–	91560	3.93	4.35
59904	.089	.088	61226	60.30	–	68703	3.65	–	91562	2.86	–
59905	.097	.112	61227	55.20	–	68706	15.60	–	91577	10.20	3.15
59914	.57	.65	62000	12.60	–	68707	15.50	–	91580	5.19	–
59915	.30	.53	62001	9.91	–	90089	3.71	–	91581	(a)	(a)
59917	.055	.222	62002	4.53	–	91111	2.69	5.55	91582	(a)	(a)

	$100,000/200,000 BASIC LIMIT OCCURRENCE										
	Premises/Operations (Prem/Ops) (Subline Code 334) Territory 503										
	Products/Completed Operations (Prod/COps) (Subline Code 336) Entire State Territory 999										
Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops
91583	(a)	(a)	94444	(a)	(a)	97223	2.09	2.58	98308	.98	1.00
91584	(a)	(a)	94569	2.52	3.90	97308	.55	–	98309	4.72	2.19
91585	(a)	(a)	94590	10.90	–	97447	1.81	5.10	98344	.61	.76
91586	(a)	(a)	94617	3.44	–	97501	(a)	–	98405	1.01	–
91587	(a)	(a)	94638	(a)	–	97502	(a)	–	98413	12.40	(a)
91588	(a)	(a)	95124	1.27	1.18	97503	(a)	–	98414	11.30	(a)
91589	(a)	(a)	95233	2.72	–	97504	(a)	–	98415	1.49	(a)
91590	2.97	–	95305	2.95	–	97650	3.15	3.60	98423	3.55	(a)
91591	(a)	(a)	95306	4.32	–	97651	5.35	4.35	98424	6.01	(a)
91606	10.80	–	95310	7.05	1.09	97652	4.64	4.65	98425	2.47	(a)
91618	(a)	(a)	95357	1.10	–	97653	2.69	3.00	98426	2.18	(a)
91629	2.20	(a)	95358	(a)	–	97654	4.69	2.85	98427	2.12	–
91636	3.77	–	95410	3.81	2.70	97655	4.13	4.20	98428	(a)	–
91641	1.02	(a)	95455	4.56	1.65	98002	.75	.94	98429	.98	–
91666	.80	(a)	95487	2.04	(a)	98003	.84	(a)	98430	(a)	–
91722	3.30	(a)	95505	2.12	2.10	98090	.113	–	98449	3.05	25.50
91746	2.86	5.55	95620	1.66	(a)	98091	.123	–	98482	3.27	6.15
91805	.179	–	95625	4.24	3.60	98092	.37	–	98483	4.83	15.00
92053	.44	.68	95630	(a)	(a)	98111	.53	–	98502	4.62	3.60
92054	.152	.22	95647	2.52	5.55	98150	(a)	–	98555	2.15	–
92055	4.24	.227	95648	(a)	(a)	98151	(a)	–	98597	.48	–
92101	6.62	3.00	96053	1.91	4.20	98152	2.52	.59	98598	.166	–
92102	3.99	3.30	96317	1.14	–	98153	2.83	(a)	98601	5.53	(a)
92215	3.00	3.00	96408	3.30	11.00	98154	3.34	(a)	98622	(a)	–
92338	1.53	1.95	96409	3.05	7.83	98155	4.68	(a)	98623	(a)	–
92445	2.16	–	96410	2.68	8.24	98156	(a)	(a)	98624	.87	–
92446	5.04	1.80	96611	.90	1.39	98157	2.99	.31	98636	2.57	3.45
92447	4.40	1.48	96702	3.79	(a)	98158	(a)	(a)	98640	95.40	–
92451	2.09	2.25	96703	(a)	–	98159	2.01	(a)	98658	4.84	–
92453	2.79	–	96816	3.56	–	98160	4.25	(a)	98659	.86	.36
92478	1.38	1.65	96872	4.05	(a)	98161	4.76	(a)	98677	15.00	9.89
92593	27.40	–	96930	(a)	–	98162	(a)	(a)	98678	13.40	13.00
92663	.51	–	97002	(a)	(a)	98163	4.99	.179	98698	(a)	(a)
94007	9.45	4.80	97003	(a)	(a)	98164	1.76	.062	98699	4.35	(a)
94099	2.15	–	97047	2.73	–	98257	1.27	–	98705	6.84	–
94225	7.57	–	97050	2.12	–	98303	9.40	5.98	98710	3.02	–
94276	3.95	4.20	97111	4.55	–	98304	4.70	3.59	98751	3.66	–
94304	2.67	(a)	97220	.29	(a)	98305	2.19	1.79	98805	3.95	1.38
94381	5.01	11.70	97221	(a)	1.14	98306	5.64	.98	98806	2.39	3.45
94404	3.74	4.35	97222	1.38	1.63	98307	1.49	.54	98810	3.09	–

$100,000/200,000 BASIC LIMIT OCCURRENCE Premises/Operations (Prem/Ops) (Subline Code 334) Territory 503 Products/Completed Operations (Prod/COps)　　　(Subline Code 336) Entire State Territory 999
Class Code	**Prem/ Ops**	**Prod/ Cops**	**Class Code**	**Prem/ Ops**	**Prod/ Cops**	**Class Code**	**Prem/ Ops**	**Prod/ Cops**	**Class Code**	**Prem/ Ops**	**Prod/ Cops**
98813	2.98	1.99	99620	.41	–						
98820	7.53	3.45	99650	1.13	1.00						
98871	(a)	(a)	99709	2.79	(a)						
98884	1.96	2.10	99718	1.21	–						
98914	.59	.49	99746	2.06	3.15						
98949	.83	.28	99760	.235	–						
98967	3.08	10.20	99777	5.35	–						
98993	4.91	3.33	99793	2.61	–						
99003	1.46	1.22	99798	(a)	(a)						
99004	2.48	1.50	99803	(a)	8.11						
99080	1.03	7.04	99826	.61	.70						
99081	(a)	–	99827	.37	.62						
99082	(a)	–	99851	1.52	–						
99083	(a)	–	99917	2.46	–						
99084	(a)	(a)	99938	2.76	–						
99085	(a)	(a)	99943	8.00	–						
99111	1.50	–	99946	5.96	2.19						
99160	(a)	–	99948	5.92	19.90						
99163	3.59	.36	99952	4.53	15.70						
99165	.79	(a)	99953	4.88	9.57						
99220	1.30	(a)	99954	3.56	11.10						
99221	(a)	(a)	99955	4.45	8.70						
99222	2.44	(a)	99963	.59	–						
99223	.221	(a)	99969	2.36	2.70						
99303	12.00	–	99975	3.95	–						
99310	3.01	(a)	99986	(a)	–						
99315	8.84	1.95	99987	(a)	–						
99321	8.58	2.25	99988	2.08	–						
99445	(a)	(a)									
99471	.59	–									
99505	4.15	–									
99506	5.11	–									
99507	4.46	–									
99570	2.39	(a)									
99571	.58	(a)									
99572	1.13	(a)									
99573	1.08	(a)									
99600	1.08	–									
99613	7.60	2.25									
99614	2.41	–									

CLASSES 10010–14734   **COMMERCIAL LINES MANUAL**   **ARIZONA (02)**
PREM/OPS TERR. 504   **DIVISION SIX**
PROD/COPS   **GENERAL LIABILITY**
         LOSS COST PAGES

$100,000/200,000 BASIC LIMIT OCCURRENCE
Premises/Operations (Prem/Ops) (Subline Code 334) Territory 504
Products/Completed Operations (Prod/COps)   **(Subline Code 336) Entire State Territory 999**

Class Code	Prem/Ops	Prod/Cops	Class Code	Prem/Ops	Prod/Cops	Class Code	Prem/Ops	Prod/Cops	Class Code	Prem/Ops	Prod/Cops
10010	.225	.167	10150	.77	(a)	11204	.48	1.30	13111	1.10	.08
10011	.054	(a)	10151	19.30	–	11205	(a)	–	13112	.086	.054
10012	.062	(a)	10160	3.44	–	11206	.54	–	13201	.63	.123
10015	12.40	–	10204	.35	–	11207	6.84	–	13204	.72	.86
10020	(a)	(a)	10205	.39	–	11208	1.17	–	13205	.28	.34
10025	.054	(a)	10210	.62	(a)	11209	5.50	–	13206	(a)	(a)
10026	1.00	.019	10211	.62	(a)	11210	2.34	–	13207	(a)	(a)
10027	.054	(a)	10220	7.29	–	11211	12.20	–	13208	(a)	(a)
10036	.47	(a)	10255	.175	.14	11212	1.84	–	13314	.186	.012
10040	.171	.32	10256	.64	.198	11213	1.50	–	13351	.45	.051
10042	.57	.32	10257	.121	.146	11214	3.70	–	13352	.46	.036
10052	8.59	–	10309	.25	.016	11222	.062	–	13410	1.01	1.66
10054	7.62	–	10315	.59	(a)	11234	.44	.054	13411	(a)	(a)
10060	.27	.057	10331	16.80	–	11248	.033	.013	13412	.34	1.19
10065	.41	.045	10332	29.10	–	11258	1.19	.168	13453	.39	(a)
10066	.42	.063	10352	.57	.053	11259	1.27	.14	13454	.46	(a)
10070	.129	.134	10367	3.14	–	11273	21.60	–	13455	.47	(a)
10071	.49	.097	10368	4.58	–	11274	20.70	–	13461	(a)	(a)
10072	3.55	–	10375	(a)	–	11288	1.45	.07	13506	1.42	.062
10073	.73	.44	10378	17.10	–	12014	.072	.037	13507	1.71	.143
10075	5.45	.157	10379	7.92	–	12356	1.83	.027	13590	.35	.61
10100	.99	.052	10380	13.50	–	12361	.101	.066	13621	.087	.34
10101	.37	.16	10381	11.70	–	12362	.142	(a)	13670	.057	.018
10105	4.02	–	11007	1.33	–	12373	.054	.022	13673	.90	.014
10107	2.25	.225	11020	.47	.18	12374	.95	.059	13715	.142	.111
10110	42.30	–	11039	.64	.062	12375	.47	.041	13716	.70	.096
10111	.28	.059	11052	5.19	–	12391	.106	.059	13720	.51	.052
10113	.56	–	11101	(a)	(a)	12393	.62	(a)	13759	.27	.102
10115	1.10	.072	11120	(a)	–	12467	.26	(a)	13930	.30	.147
10117	12.30	–	11126	.097	.023	12509	.044	.026	14068	.06	.01
10119	(a)	–	11127	.72	.008	12510	.55	.023	14101	.71	.041
10120	27.70	–	11128	.97	.065	12583	.247	(a)	14279	.33	.064
10130	5.48	–	11138	4.21	–	12651	.72	.45	14401	1.20	.091
10132	4.72	–	11155	.33	–	12683	.33	(a)	14405	.78	–
10133	4.99	–	11160	(a)	(a)	12707	.93	.48	14527	.58	.169
10135	(a)	–	11167	1.20	–	12797	.195	.177	14655	.137	–
10140	.047	.02	11168	6.20	–	12805	.50	.15	14731	5.15	–
10141	.093	.021	11201	11.70	–	12841	.83	–	14732	.38	–
10145	.45	.008	11202	3.45	–	12927	.145	–	14733	.96	–
10146	.44	.016	11203	1.67	.38	13049	.053	.044	14734	.41	–

Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops
			$100,000/200,000 BASIC LIMIT OCCURRENCE								
			Premises/Operations (Prem/Ops) (Subline Code 334) Territory 504								
			Products/Completed Operations (Prod/COps) (Subline Code 336) Entire State Territory 999								
14855	.154	.11	16670	6.99	–	18501	.96	.013	40072	(a)	–
14913	.52	.131	16676	.46	.013	18506	.31	.006	40075	38.10	–
15060	(a)	(a)	16694	.29	(a)	18507	.29	.007	40101	20.40	–
15061	(a)	(a)	16705	.45	.113	18570	3.03	–	40102	18.00	–
15062	.138	(a)	16722	(a)	–	18575	(a)	(a)	40111	13.70	–
15063	.161	(a)	16723	(a)	–	18616	.234	.49	40115	(a)	–
15070	.105	–	16750	.161	.035	18707	.021	.006	40117	(a)	–
15119	(a)	–	16751	.161	–	18708	.177	.02	40140	(a)	–
15120	(a)	–	16819	.84	(a)	18833	.25	(a)	41001	.46	–
15123	4.98	–	16820	.65	(a)	18834	.46	.103	41210	(a)	–
15124	1.74	–	16881	2.52	(a)	18911	1.45	.017	41421	.64	–
15188	.243	(a)	16890	.098	(a)	18912	2.73	.027	41422	.34	–
15223	.067	.039	16891	.107	(a)	18920	.71	.017	41510	73.00	–
15224	.54	.06	16892	.194	(a)	18991	(a)	–	41603	30.20	–
15300	(a)	–	16900	3.26	.073	19007	1.95	–	41604	16.60	–
15314	.33	(a)	16901	2.09	.099	19051	4.31	–	41620	.98	–
15404	.063	(a)	16902	1.77	.055	19061	(a)	–	41650	42.50	–
15405	.093	(a)	16905	3.43	.063	19795	.48	(a)	41664	58.60	–
15406	.236	.056	16906	2.19	.09	19796	.56	–	41665	6.86	–
15488	.59	(a)	16910	1.96	.047	40005	(a)	–	41666	(a)	–
15538	.59	.015	16911	1.77	.046	40006	(a)	–	41667	160.00	–
15600	1.48	.085	16915	2.01	.045	40010	(a)	–	41668	150.00	–
15607	.137	–	16916	1.67	.053	40015	(a)	–	41669	1.05	–
15608	.33	.009	16920	4.45	.102	40020	(a)	–	41670	1.77	–
15656	9.77	–	16921	4.07	.041	40026	(a)	–	41672	(a)	–
15699	.34	–	16930	2.56	.127	40031	(a)	–	41673	(a)	–
15733	.154	.03	16931	2.76	.054	40032	(a)	–	41675	(a)	–
15839	.44	.024	16940	5.56	.041	40040	(a)	–	41677	.202	–
15991	.36	.066	16941	2.23	.072	40041	(a)	–	41678	43.20	–
15993	.31	.042	18078	.26	.131	40042	(a)	–	41679	(a)	(a)
16005	.075	.03	18109	.60	.027	40045	387.00	–	41680	22.10	–
16009	.189	.111	18110	.48	.029	40046	76.50	–	41696	.64	–
16402	2.19	–	18200	(a)	–	40047	27.30	–	41697	.44	–
16403	1.39	.144	18205	.39	.39	40059	9.77	–	41700	(a)	–
16404	1.75	–	18206	.78	.10	40061	5.18	–	41715	14.00	–
16471	.194	–	18335	.56	.015	40063	173.00	–	41716	8.92	–
16501	.159	(a)	18435	1.04	.058	40064	50.90	–	43007	(a)	–
16527	.243	.27	18436	.84	.124	40066	(a)	–	43117	(a)	–
16588	.087	(a)	18437	.81	(a)	40067	(a)	–	43151	19.00	–
16604	.147	.10	18438	1.55	(a)	40069	(a)	–	43152	12.90	–

CLASSES 43200–49292   COMMERCIAL LINES MANUAL   ARIZONA (02)
PREM/OPS TERR. 504   DIVISION SIX
PROD/COPS   GENERAL LIABILITY
LOSS COST PAGES

Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops
\$100,000/200,000 BASIC LIMIT OCCURRENCE — Premises/Operations (Prem/Ops) (Subline Code 334) Territory 504 — Products/Completed Operations (Prod/COps) (Subline Code 336) Entire State Territory 999											
43200	72.10	–	44112	2.31	–	45771	.27	.131	47254	(a)	–
43215	(a)	–	44113	(a)	–	45819	.089	.062	47318	16.30	–
43421	19.80	–	44193	(a)	–	45900	.169	.043	47367	.202	–
43422	104.00	–	44194	(a)	–	45901	.145	.039	47420	3.58	–
43424	(a)	–	44222	(a)	–	45937	.163	–	47468	(a)	–
43470	3.72	–	44276	96.80	–	45993	(a)	(a)	47469	6.37	–
43517	(a)	–	44277	62.80	–	46004	40.40	–	47471	5.52	–
43518	25.10	–	44280	.202	–	46005	32.30	–	47473	7.22	–
43550	70.50	–	44311	13.00	–	46112	.08	–	47474	8.07	–
43551	39.10	–	44315	8.72	–	46202	3.16	–	47475	6.37	–
43626	20.10	–	44427	73.60	–	46362	151.00	–	47476	6.37	–
43628	261.00	–	44428	74.10	–	46426	22.00	–	47477	8.50	–
43629	221.00	–	44429	1.11	–	46427	29.40	–	47478	8.92	–
43754	(a)	–	44430	.77	–	46510	(a)	–	47600	(a)	–
43760	7.37	–	44431	2.47	–	46590	(a)	–	47610	(a)	–
43822	2.96	–	44432	.78	–	46603	1.85	–	48039	51.20	–
43840	.036	–	44433	24.90	–	46604	2.13	–	48177	(a)	–
43860	2.33	–	44434	47.60	–	46606	5.68	–	48178	(a)	–
43889	.83	–	44435	49.30	–	46607	7.81	–	48206	53.10	–
43945	(a)	–	44436	57.60	–	46622	8.64	–	48252	(a)	–
43946	(a)	–	44437	47.70	–	46671	(a)	–	48441	.223	–
43990	(a)	(a)	44438	37.70	–	46700	145.00	–	48557	22.30	–
43991	(a)	–	44439	73.40	–	46773	(a)	–	48558	19.40	–
44009	6.07	–	44440	60.80	–	46822	(a)	–	48600	44.00	–
44010	(a)	(a)	44500	(a)	–	46881	(a)	–	48610	(a)	–
44069	21.50	–	44501	(a)	–	46882	(a)	–	48636	1.39	(a)
44070	6.36	–	45190	2.49	–	46911	39.70	–	48637	17.10	–
44071	7.07	–	45191	1.77	–	46912	72.80	–	48638	8.46	–
44072	4.88	–	45192	2.07	–	46913	(a)	–	48727	(a)	–
44100	6.94	–	45193	1.22	–	46914	(a)	–	48808	2.50	–
44101	7.23	–	45210	1.54	–	46915	(a)	–	48924	(a)	–
44102	5.64	–	45224	(a)	–	46916	(a)	–	48925	408.00	–
44103	4.99	–	45225	(a)	–	47050	.81	–	49005	.137	–
44104	2.10	–	45334	41.60	–	47051	(a)	–	49111	3.82	–
44105	(a)	–	45380	.18	(a)	47052	(a)	–	49181	16.70	–
44106	(a)	–	45450	12.20	–	47103	(a)	–	49183	20.40	–
44108	2.46	–	45523	(a)	–	47146	(a)	–	49184	43.00	–
44109	6.22	–	45524	(a)	–	47147	(a)	–	49185	39.10	–
44110	6.36	–	45539	(a)	–	47221	159.00	–	49239	.135	.36
44111	3.90	–	45678	.218	–	47253	(a)	–	49292	1.22	–

ARIZONA (02)   **COMMERCIAL LINES MANUAL**   **CLASSES 49305–53271**
DIVISION SIX   **PREM/OPS TERR. 504**
GENERAL LIABILITY   **PROD/COPS**
LOSS COST PAGES

$100,000/200,000 BASIC LIMIT OCCURRENCE											
Premises/Operations (Prem/Ops) (Subline Code 334) Territory 504											
Products/Completed Operations (Prod/COps)			**(Subline Code 336) Entire State Territory 999**								
Class Code	**Prem/ Ops**	**Prod/ Cops**	**Class Code**	**Prem/ Ops**	**Prod/ Cops**	**Class Code**	**Prem/ Ops**	**Prod/ Cops**	**Class Code**	**Prem/ Ops**	**Prod/ Cops**
49305	(a)	–	51240	.30	.215	51702	.131	(a)	51986	.147	.082
49333	8.97	–	51241	.90	.24	51703	.054	(a)	51999	.062	.32
49451	(a)	–	51250	.22	(a)	51734	.102	.43	52002	.054	.104
49452	(a)	–	51251	.026	(a)	51741	.157	.26	52075	.162	.197
49617	.41	.149	51252	.091	.061	51752	.132	.141	52076	.195	(a)
49618	.34	.051	51253	.078	(a)	51767	.027	.007	52109	.014	(a)
49619	.65	.111	51254	.024	.025	51777	.093	.058	52134	.182	.56
49763	4.20	–	51255	.56	(a)	51790	.154	(a)	52137	.064	(a)
49800	(a)	–	51300	.128	.127	51796	.057	(a)	52150	.33	(a)
49801	140.00	–	51305	.128	.76	51808	.203	.53	52315	.121	.27
49802	12.40	–	51315	.087	.08	51809	.25	.173	52341	.04	(a)
49803	22.00	–	51330	.085	.82	51833	.139	.051	52342	.115	(a)
49840	.83	–	51333	.028	.28	51850	.205	(a)	52343	.07	(a)
49870	171.00	–	51340	.025	(a)	51851	.139	(a)	52401	.217	(a)
49890	(a)	–	51350	.215	.115	51852	.33	(a)	52402	.014	(a)
49891	(a)	–	51351	.192	.045	51853	.131	(a)	52432	.068	(a)
49902	(a)	–	51352	.26	.09	51854	.29	(a)	52433	.062	.65
49903	(a)	–	51355	.18	.082	51855	.31	(a)	52435	.078	(a)
50010	.147	.33	51356	.194	.47	51856	.17	(a)	52438	.056	(a)
50011	.077	(a)	51357	.124	.95	51857	.29	(a)	52440	.088	(a)
50012	.054	(a)	51358	.30	.111	51869	.067	.138	52467	.082	(a)
50015	.095	(a)	51359	.26	.62	51877	.38	.156	52469	.029	.085
50017	.073	(a)	51370	.29	2.69	51889	.062	.01	52505	.142	.195
50018	.07	(a)	51380	.029	.039	51896	.029	.017	52547	.188	.058
50019	.039	(a)	51400	.199	(a)	51900	.104	.098	52581	.69	1.80
50045	.166	(a)	51401	.29	(a)	51909	.186	.048	52619	.049	(a)
50047	.019	(a)	51500	.056	.145	51919	.063	(a)	52660	.072	–
51001	.048	.38	51516	.061	–	51926	.064	.041	52744	.53	.052
51005	.01	(a)	51517	.069	–	51927	.035	.10	52767	.172	(a)
51116	.121	.64	51550	.069	.42	51934	.07	.082	52876	(a)	(a)
51201	.025	(a)	51551	.024	.83	51941	.064	.034	52911	.039	.42
51205	.076	.046	51552	.041	.137	51942	.102	–	52967	.015	.052
51206	.012	.37	51553	.074	(a)	51956	.28	.14	53001	.142	.241
51210	.084	(a)	51554	.007	(a)	51957	.243	.37	53077	.068	.204
51211	(a)	(a)	51575	.058	.023	51958	.216	.31	53095	.047	(a)
51220	.29	1.48	51576	.132	.101	51959	.221	(a)	53096	.065	(a)
51221	.159	1.47	51600	.09	.194	51960	.029	.30	53121	.186	.46
51222	.194	4.76	51613	.059	.141	51970	.127	.138	53147	.029	(a)
51224	.203	1.17	51625	.044	(a)	51982	.037	.068	53229	.163	(a)
51230	.034	.64	51666	.091	.085	51985	.057	–	53271	.035	(a)

CLASSES 53333–59257   COMMERCIAL LINES MANUAL   ARIZONA (02)
PREM/OPS TERR. 504   DIVISION SIX
PROD/COPS   GENERAL LIABILITY
          LOSS COST PAGES

$100,000/200,000 BASIC LIMIT OCCURRENCE Premises/Operations (Prem/Ops) (Subline Code 334) Territory 504 Products/Completed Operations (Prod/COps) (Subline Code 336) Entire State Territory 999											
Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops
53333	.16	.249	55715	.146	.169	56918	.065	(a)	58096	.13	1.35
53374	.14	.191	55716	.211	.41	56919	.166	(a)	58301	.052	.086
53375	.074	.31	55717	.219	(a)	56920	.151	(a)	58302	.035	.042
53376	.119	.159	55718	.212	(a)	56980	.072	(a)	58397	.203	.45
53377	.122	.172	55802	.093	.013	57001	.025	.022	58408	.048	–
53403	.077	(a)	55918	.083	1.76	57002	.016	.08	58409	.061	–
53425	.151	(a)	55919	.011	2.95	57090	.243	.83	58456	.032	–
53565	.09	.081	56040	.008	.028	57146	.154	.64	58457	.047	–
53631	.022	.019	56041	.052	(a)	57202	.064	(a)	58458	.061	–
53632	.025	.029	56042	.065	(a)	57257	.08	.042	58459	.073	–
53731	.023	(a)	56170	.148	(a)	57401	.045	.079	58503	.054	.08
53732	.155	.45	56171	.073	(a)	57403	.19	.03	58532	.07	(a)
53733	.101	.177	56202	.052	.063	57410	.022	.164	58559	.014	(a)
53734	.36	–	56390	.091	.64	57411	.037	(a)	58560	.034	(a)
53803	.36	(a)	56391	.078	.25	57572	.013	.094	58561	(a)	(a)
53901	(a)	(a)	56427	.125	.107	57600	.038	.03	58575	.044	.098
53902	(a)	(a)	56488	.154	.042	57611	.08	.044	58627	.142	.011
53903	(a)	(a)	56567	.154	(a)	57625	.34	(a)	58663	.34	.65
53904	(a)	(a)	56650	.47	(a)	57651	.041	.037	58682	.126	(a)
53905	(a)	(a)	56651	.26	(a)	57690	.103	.38	58713	.059	(a)
53907	.068	.078	56652	.183	(a)	57716	.049	.08	58737	.092	.49
53951	(a)	(a)	56653	.176	(a)	57725	.107	.083	58756	.064	(a)
53952	(a)	(a)	56654	.09	(a)	57726	.084	.025	58757	.31	(a)
53953	(a)	(a)	56690	.08	.31	57798	.021	(a)	58759	.038	(a)
54012	.036	–	56699	.058	.078	57800	.077	(a)	58802	.043	.39
54077	.093	.36	56758	.049	.123	57808	.041	(a)	58813	.156	(a)
54444	(a)	(a)	56759	.05	.07	57809	.042	(a)	58822	.119	(a)
55010	.28	.76	56760	.072	.087	57810	.041	.09	58837	.31	.155
55011	.076	2.01	56805	.095	(a)	57871	.049	.091	58840	.094	.11
55012	.091	.92	56806	.067	(a)	57913	.10	.206	58873	.15	.021
55013	.137	1.13	56807	.066	(a)	57997	.081	–	58903	.027	(a)
55014	(a)	(a)	56808	.087	(a)	57998	.044	.047	58904	.021	.108
55214	.073	.075	56900	.083	(a)	57999	.068	.065	58922	.249	.189
55371	.36	.096	56910	.042	(a)	58009	.068	(a)	59005	.052	.063
55410	(a)	(a)	56911	.133	(a)	58010	.103	(a)	59057	.38	(a)
55426	.166	(a)	56912	.107	.089	58020	.204	(a)	59058	.249	(a)
55597	.018	1.45	56913	.087	(a)	58056	.123	(a)	59188	.40	.047
55647	.037	.065	56915	.52	(a)	58057	.077	(a)	59189	.55	.25
55648	.017	(a)	56916	.47	.26	58058	.069	(a)	59223	.155	.128
55649	.02	(a)	56917	.135	(a)	58095	.098	1.22	59257	.014	.011

ARIZONA (02)
COMMERCIAL LINES MANUAL
DIVISION SIX
GENERAL LIABILITY
LOSS COST PAGES
CLASSES 59306–91582
PREM/OPS TERR. 504
PROD/COPS

\$100,000/200,000 BASIC LIMIT OCCURRENCE											
Premises/Operations (Prem/Ops) (Subline Code 334) Territory 504											
Products/Completed Operations (Prod/COps)			(Subline Code 336) Entire State Territory 999								
Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops
59306	.088	(a)	59923	.01	.006	62003	11.60	–	91125	2.23	1.71
59378	.101	.124	59925	.27	1.15	63010	32.30	–	91127	1.81	1.08
59481	.236	.096	59926	.229	.46	63011	40.40	–	91130	1.10	–
59482	.42	(a)	59927	.154	1.10	63012	57.40	–	91135	.31	(a)
59537	.109	.219	59931	.182	.37	63013	54.40	–	91150	1.71	5.10
59601	.089	1.80	59932	.196	.69	63215	38.50	–	91155	3.80	31.90
59647	.188	.141	59941	.061	(a)	63216	26.70	–	91160	.90	–
59660	.163	.83	59947	.069	.26	63217	77.80	–	91175	.77	–
59661	.08	(a)	59955	.023	.114	63218	26.20	–	91177	3.38	–
59693	.013	–	59963	.173	.32	63219	(a)	–	91179	3.39	–
59695	(a)	(a)	59964	.41	.059	63220	(a)	–	91190	1.82	(a)
59701	.006	.38	59970	.093	.147	64074	17.60	–	91200	.63	–
59713	.146	.30	59973	.112	(a)	64075	12.40	–	91210	(a)	–
59722	.076	.023	59975	.13	.13	64500	(a)	–	91235	2.09	2.10
59723	.029	.03	59977	.074	(a)	65007	23.40	–	91250	3.15	(a)
59724	.044	.016	59984	.031	.041	66122	10.10	–	91265	13.40	3.07
59725	.054	.126	59985	.12	(a)	66123	5.55	–	91266	7.12	.82
59726	.04	.023	59986	.091	(a)	66309	16.20	–	91280	(a)	2.75
59738	.126	.052	59988	.033	.05	66561	37.50	–	91302	8.87	(a)
59750	.081	.141	59989	.016	.037	67017	34.80	–	91315	2.69	–
59751	.029	(a)	60010	17.90	–	67508	51.00	–	91324	6.00	(a)
59773	.024	.023	60011	20.60	–	67509	37.40	–	91325	(a)	(a)
59774	.02	.127	60012	33.90	–	67510	20.80	–	91340	3.92	7.49
59775	.025	.156	60013	29.10	–	67511	22.50	–	91341	3.88	3.90
59781	.07	.065	60015	21.70	–	67512	96.50	–	91342	3.59	3.60
59782	.105	.62	60016	24.40	–	67513	61.20	–	91343	.86	1.45
59783	.102	(a)	60035	26.40	–	67634	30.10	–	91405	4.56	–
59784	.078	(a)	61000	17.80	–	67635	21.30	–	91436	4.39	2.10
59790	.098	(a)	61212	13.50	–	68001	65.10	–	91481	16.00	–
59798	.27	.33	61216	15.00	–	68439	83.70	–	91507	2.36	3.00
59806	.191	(a)	61217	13.60	–	68500	3.95	–	91523	36.40	–
59867	.11	(a)	61218	9.31	–	68604	1.57	–	91547	.207	–
59886	.015	.087	61223	66.20	–	68606	6.11	–	91551	1.28	.69
59889	.079	.192	61224	21.10	–	68607	4.83	–	91555	1.26	.97
59892	.102	(a)	61225	29.30	–	68702	3.98	–	91560	3.93	4.35
59904	.069	.088	61226	49.20	–	68703	2.98	–	91562	2.86	–
59905	.069	.112	61227	45.10	–	68706	12.80	–	91577	10.20	3.15
59914	.40	.65	62000	10.30	–	68707	12.60	–	91580	5.19	–
59915	.229	.53	62001	8.10	–	90089	3.71	–	91581	(a)	(a)
59917	.042	.222	62002	3.70	–	91111	2.69	5.55	91582	(a)	(a)

$100,000/200,000 BASIC LIMIT OCCURRENCE Premises/Operations (Prem/Ops) (Subline Code 334) Territory 504 Products/Completed Operations (Prod/COps) (Subline Code 336) Entire State Territory 999											
Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops
91583	(a)	(a)	94444	(a)	(a)	97223	2.09	2.58	98308	.98	1.00
91584	(a)	(a)	94569	2.52	3.90	97308	.55	–	98309	4.72	2.19
91585	(a)	(a)	94590	10.90	–	97447	1.81	5.10	98344	.61	.76
91586	(a)	(a)	94617	3.44	–	97501	(a)	–	98405	1.01	–
91587	(a)	(a)	94638	(a)	–	97502	(a)	–	98413	12.40	(a)
91588	(a)	(a)	95124	1.27	1.18	97503	(a)	–	98414	11.30	(a)
91589	(a)	(a)	95233	2.72	–	97504	(a)	–	98415	1.49	(a)
91590	2.97	–	95305	2.95	–	97650	3.15	3.60	98423	3.55	(a)
91591	(a)	(a)	95306	4.32	–	97651	5.35	4.35	98424	6.01	(a)
91606	10.80	–	95310	7.05	1.09	97652	4.64	4.65	98425	2.47	(a)
91618	(a)	(a)	95357	1.10	–	97653	2.69	3.00	98426	2.18	(a)
91629	2.20	(a)	95358	(a)	–	97654	4.69	2.85	98427	2.12	–
91636	3.77	–	95410	3.81	2.70	97655	4.13	4.20	98428	(a)	–
91641	1.02	(a)	95455	4.56	1.65	98002	.75	.94	98429	.98	–
91666	.80	(a)	95487	2.04	(a)	98003	.84	(a)	98430	(a)	–
91722	3.30	(a)	95505	2.12	2.10	98090	.113	–	98449	3.05	25.50
91746	2.86	5.55	95620	1.66	(a)	98091	.123	–	98482	3.27	6.15
91805	.179	–	95625	4.24	3.60	98092	.37	–	98483	4.83	15.00
92053	.44	.68	95630	(a)	(a)	98111	.53	–	98502	4.62	3.60
92054	.152	.22	95647	2.52	5.55	98150	(a)	–	98555	2.15	–
92055	4.24	.227	95648	(a)	(a)	98151	(a)	–	98597	.48	–
92101	6.62	3.00	96053	1.91	4.20	98152	2.52	.59	98598	.166	–
92102	3.99	3.30	96317	1.14	–	98153	2.83	(a)	98601	5.53	(a)
92215	3.00	3.00	96408	3.30	11.00	98154	3.34	(a)	98622	(a)	–
92338	1.53	1.95	96409	3.05	7.83	98155	4.68	(a)	98623	(a)	–
92445	2.16	–	96410	2.68	8.24	98156	(a)	(a)	98624	.87	–
92446	5.04	1.80	96611	.90	1.39	98157	2.99	.31	98636	2.57	3.45
92447	4.40	1.48	96702	3.79	(a)	98158	(a)	(a)	98640	95.40	–
92451	2.09	2.25	96703	(a)	–	98159	2.01	(a)	98658	4.84	–
92453	2.79	–	96816	3.56	–	98160	4.25	(a)	98659	.86	.36
92478	1.38	1.65	96872	4.05	(a)	98161	4.76	(a)	98677	15.00	9.89
92593	27.40	–	96930	(a)	–	98162	(a)	(a)	98678	13.40	13.00
92663	.51	–	97002	(a)	(a)	98163	4.99	.179	98698	(a)	(a)
94007	9.45	4.80	97003	(a)	(a)	98164	1.76	.062	98699	4.35	(a)
94099	2.15	–	97047	2.73	–	98257	1.27	–	98705	6.84	–
94225	7.57	–	97050	2.12	–	98303	9.40	5.98	98710	3.02	–
94276	3.95	4.20	97111	4.55	–	98304	4.70	3.59	98751	3.66	–
94304	2.67	(a)	97220	.29	(a)	98305	2.19	1.79	98805	3.95	1.38
94381	5.01	11.70	97221	(a)	1.14	98306	5.64	.98	98806	2.39	3.45
94404	3.74	4.35	97222	1.38	1.63	98307	1.49	.54	98810	3.09	–

ARIZONA (02)   **COMMERCIAL LINES MANUAL**   **CLASSES 98813–99988**
DIVISION SIX   **PREM/OPS TERR. 504**
GENERAL LIABILITY   **PROD/COPS**
LOSS COST PAGES

\$100,000/200,000 BASIC LIMIT OCCURRENCE											
Premises/Operations (Prem/Ops) (Subline Code 334) Territory 504											
Products/Completed Operations (Prod/COps) (Subline Code 336) Entire State Territory 999											
Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops
98813	2.98	1.99	99620	.41	–						
98820	7.53	3.45	99650	1.13	1.00						
98871	(a)	(a)	99709	2.79	(a)						
98884	1.96	2.10	99718	1.21	–						
98914	.59	.49	99746	2.06	3.15						
98949	.83	.28	99760	.235	–						
98967	3.08	10.20	99777	5.35	–						
98993	4.91	3.33	99793	2.61	–						
99003	1.46	1.22	99798	(a)	(a)						
99004	2.48	1.50	99803	(a)	8.11						
99080	1.03	7.04	99826	.61	.70						
99081	(a)	–	99827	.37	.62						
99082	(a)	–	99851	1.52	–						
99083	(a)	–	99917	2.46	–						
99084	(a)	(a)	99938	2.76	–						
99085	(a)	(a)	99943	8.00	–						
99111	1.50	–	99946	5.96	2.19						
99160	(a)	–	99948	5.92	19.90						
99163	3.59	.36	99952	4.53	15.70						
99165	.79	(a)	99953	4.88	9.57						
99220	1.30	(a)	99954	3.56	11.10						
99221	(a)	(a)	99955	4.45	8.70						
99222	2.44	(a)	99963	.59	–						
99223	.221	(a)	99969	2.36	2.70						
99303	12.00	–	99975	3.95	–						
99310	3.01	(a)	99986	(a)	–						
99315	8.84	1.95	99987	(a)	–						
99321	8.58	2.25	99988	2.08	–						
99445	(a)	(a)									
99471	.59	–									
99505	4.15	–									
99506	5.11	–									
99507	4.46	–									
99570	2.39	(a)									
99571	.58	(a)									
99572	1.13	(a)									
99573	1.08	(a)									
99600	1.08	–									
99613	7.60	2.25									
99614	2.41	–									