LOSS COSTS – IMPLEMENTATION   MARCH 29, 2021

GENERAL LIABILITY   LI-GL-2021-138

ARIZONA GENERAL LIABILITY ADVISORY PROSPECTIVE LOSS COST REVISION TO BE IMPLEMENTED

KEY MESSAGE

Revised overall prospective loss costs for +9.0% to be implemented.

UPGRADE TO WORD AND EXCEL DOCUMENTS

ISO is currently implementing changes to our authoring and delivery systems so that **newly created** documents will be delivered in Office 365 .docx/.xlsx format. These changes will be phased in by product/service tentatively beginning in second quarter 2021. We are providing advance notification so that you may prepare your internal systems. Products impacted include, but are not limited to, documents delivered/accessed via Circulars, CLM, EFD, ERC, Filings, FIRST, Forms Library (including PolicyWriting Support Forms Instructional Supplement), PRM, Statistical Plans and Suite +.

BACKGROUND

In circular LI-GL-2021-111, we provided you with information about the General Liability loss cost level experience review.

CONSIDERATION OF COVID-19

In anticipation of long-term behavioral, social and economic changes as a result of COVID-19, we expect, based on the information currently available, that those changes will have a material impact on prospective loss costs for certain risks. In this filing, the loss costs for several impacted OL&T classes have been adjusted to reflect these changes by applying adjustment factors to the loss costs.

Additionally, due to the impact that the COVID-19 pandemic had on the March 2020 experience, we have decided to remove the experience for that month from our calculations. Therefore, any reference in the loss cost filings to the experience of year ending 3/31/20 actually refers to the 11 months ending 2/29/20.

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.

ISO ACTION

We are implementing GL-2021-BGL1, which presents a review of General Liability loss cost experience. 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 September 1, 2021.

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 September 1, 2021, 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 AUGUST 20, 2021. 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-2021-BGL1 and SERFF Tracking Number ISOF-132769029, NOT this circular number.

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

RATING SOFTWARE IMPACT

No new attributes are being introduced with this revision.

POLICYHOLDER NOTIFICATION

If you decide to implement this revision, you should check all applicable laws for the state(s) to which this revision applies, to determine whether or not a specific policyholder notice requirement may apply. Please note that circular LI-CL-2021-004 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 9-21 (or the earliest possible subsequent date), along with any new and/or revised manual pages.

REFERENCE(S)

- LI-GL-2021-111 (03/10/2021) General Liability Basic Limit Experience For 2021 Group 2 Jurisdictions Reviewed By Staff

- LI-CL-2021-004 (02/17/2021) Revised Lead Time Requirements Listing

ATTACHMENT(S)

- GL-2021-BGL1

- Actuarial Analysis Supplement

- Manual Pages

- Excel Workbook

FILES AVAILABLE FOR DOWNLOAD

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

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

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DATA QUALITY

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

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.

CONTACT INFORMATION

If you have any questions concerning:

- The 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-2021-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 +9.0% 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 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. We have adjusted loss costs to reflect these changes by applying adjustment factors to the loss costs of several impacted classes. Refer to Section H for details.

Additionally, due to the impact that the COVID-19 pandemic had on the March 2020 experience, we have decided to remove the experience for that month from our calculations. Therefore, any reference in this filing to the experience of year ending 3/31/2020 actually refers to the 11 months ending 2/29/2020.

We excluded the data from March 2020 as it is extraordinary and not representative of the loss exposure that can be expected in the prospective period that includes all one-year policies written from 9/1/2021 through 9/1/2022, which will be effective through 9/1/2023.

While there is still great uncertainty around COVID-19, the above referenced adjustments in Section H 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	ADJUSTED *
M&C	+ 11.1%	+ 7.5%	+ 7.5%
OL&T	+ 16.6%	+ 16.6%	+ 15.5%
Premises/Operations	+ 14.4%	+ 12.9%	+ 12.2%
Products	- 3.4%	- 3.4%	- 3.4%
Local Products/Completed Operations	+ 0.7%	+ 0.7%	+ 0.7%
Products/Completed Operations	+ 0.1%	+ 0.1%	+ 0.1%
GL Overall	+ 10.5%	+ 9.5%	+ 9.0%

* The adjusted loss cost level changes reflect the COVID-19 related adjustments for the specific OL&T classes described in Section H.   The adjusted loss cost level changes represent the change from the present to proposed loss costs.

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 VS. ADJUSTED

Indicated changes are based on standard ISO methodology. The selected changes are equal to the indicated changes for all sublines except for Manufacturers and Contractors, where a change of +7.5% has been selected to temper the effect of the experience for the latest year. The adjusted loss cost level changes reflect the COVID-19 related adjustments for OL&T.

CAPPING

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

PRIOR ISO REVISIONS

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

HISTORICAL SOURCE DATA

The data used in this document is:

- ISO reporting companies' voluntary experience.
- Fiscal-accident year data through year ended 3/31/2020 for Premises/Operations.
- Calendar-accident year data through year ended 12/31/2019 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 9/1/2021. The Products/ Completed Operations portion of this review uses a trend date of 7/1/2021 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 Section E, Section F and Section G - Trend Summary.

For Premises/Operations, occurrence cost data and occurrence frequency data through 12/31/2019 were used in selecting annual trend factors. For Products/Completed Operations, occurrence cost data and occurrence frequency data through 12/31/2019 were used.

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

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

In this review, multistate dollars of loss and number of occurrences contained in the trend exhibits are based on reported paid amounts developed to ultimate using paid development factors. This has been done in the interest of stability of ultimate loss 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	Chubb Group of Insurance Cos.	4	Travelers Indemnity Co.
	5	XL Specialty Insurance Co.	5	Selective Insurance Group
	6	Zurich American Insurance Co.	6	Cincinnati Insurance Co.
	7	Cincinnati Insurance Co.	7	Liberty Mutual Insurance Co.
	8	Great American Insurance Co.	8	United Fire & Casualty Co.
	9	Tokio Marine Cos.	9	Continental 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 12/31/2019 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 12/31/2019 is:

Statewide - Other Liability (ASLOB 17.0)	29.5%
Multistate - Products Liability (ASLOB 18.0)	39.8%

COMPANY DECISION

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

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

This material has been developed exclusively by the staff of Insurance Services Office, Inc.

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ARIZONA
PRIOR REVISIONS

The latest implemented revisions in this state are:

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 Ops Combined		+ 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 Ops Combined		- 5.4%	- 5.4%	- 5.4%
General Liability Overall	9/1/2019	- 1.4%	- 1.4%	- 1.4%

Document: GL-2018-BGL1

Coverage	Effective Date	Loss Cost Level Changes		
		Indicated	Selected	Implemented
M&C		- 6.0%	- 6.0%	- 6.0%
OL&T		+ 0.3%	+ 0.3%	+ 0.3%
Prem/Ops Combined		- 2.4%	- 2.4%	- 2.4%
Products		- 7.7%	- 7.7%	- 7.7%
Local Products/Completed Ops		- 10.8%	- 10.8%	- 10.8%
Products/Completed Ops Combined		- 10.3%	- 10.3%	- 10.3%
General Liability Overall	9/1/2018	- 4.6%	- 4.6%	- 4.6%

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

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

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

Summary of Indications and Selected Loss Cost Level Changes	Manufacturers And Contractors	Owners, Landlords and Tenants	Overall Premises/ Operations	Products	Local Products/ Completed Operations	Products/ Completed Operations	Overall General Liability Other Than Professional
Statewide Indicated Monoline-Multiline Loss Cost Level Change (See Section C)	+ 10.3%	+ 12.6%	+ 11.7%				
Statewide Indicated Monoline Loss Cost Level Change (See Section C)	+ 11.1%	+ 16.6%	+ 14.4%	- 3.4%*	+ 0.7%**	+ 0.1%	+ 10.5%
Statewide Selected Monoline Loss Cost Level Change	+ 7.5%	+ 16.6%	+ 12.9%	- 3.4%*	+ 0.7%	+ 0.1%	+ 9.5%
Adjusted Monoline Loss Cost Level Change (See Sections C and H) @	+ 7.5%	+ 15.5%	+ 12.2%	-3.4%	+ 0.7%	+ 0.1%	+ 9.0%

@ The Adjusted loss cost level change reflects the impact of adjusting the loss costs for specific Owners, Landlords, and Tenants classes due to an expected occurrence frequency decrease stemming from COVID-19 related impacts.

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

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

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

CODE	TERRITORY DESCRIPTION	LATEST YEAR MONO/MULTI AGGREGATE LOSS COSTS AT CURRENT LEVEL (ALCCL)	INDICATED LOSS COST LEVEL CHANGE BEFORE CAPPING	SELECTED LOSS COST LEVEL CHANGE BEFORE CAPPING	LOSS COST LEVEL CHANGE AFTER CAPPING	ADJUSTED LOSS COST LEVEL CHANGE
502	Phoenix and Vicinity	$ 8,283,566	+ 19.0%	+ 19.0%	+ 19.0%	+ 17.5%
503	Tucson	2,161,866	+ 14.2%	+ 14.2%	+ 14.1%	+ 13.1%
504	Remainder of State	6,606,924	+ 14.3%	+ 14.3%	+ 14.3%	+ 13.8%
	STATEWIDE TOTAL	$ 17,052,356	+ 16.6%	+ 16.6%	+ 16.6%	+ 15.5%

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	SELECTED LOSS COST LEVEL CHANGE BEFORE CAPPING	LOSS COST LEVEL CHANGE AFTER CAPPING
30	SERVICE	$ 1,391,401	+ 13.8%	+ 10.1%	+ 9.6%
31	LIGHT CONTRACTING	1,341,640	+ 12.9%	+ 9.2%	+ 8.6%
32	MEDIUM CONTRACTING	4,419,068	+ 11.2%	+ 7.6%	+ 7.1%
33	HEAVY CONTRACTING	1,307,457	+ 10.3%	+ 6.7%	+ 6.3%
34	DEALERS OR DISTRIBUTORS	967,404	+ 9.6%	+ 6.0%	+ 7.3%
35	LIGHT MANUFACTURERS	136,004	+ 11.3%	+ 7.7%	+ 9.1%
36	MEDIUM MANUFACTURERS	785,725	+ 11.8%	+ 8.2%	+ 9.6%
37	HEAVY MANUFACTURERS	602,135	+ 7.5%	+ 4.0%	+ 5.2%
38	MISCELLANEOUS OPERATIONS	832,693	+ 7.6%	+ 4.1%	+ 5.4%
	TOTAL	$ 11,783,527	+ 11.1%	+ 7.5%	+ 7.5%

OWNERS, LANDLORDS AND TENANTS LIABILITY INSURANCE

CLASS GROUP	DESCRIPTION	LATEST YEAR MONO/MULTI ALCCL	INDICATED LOSS COST LEVEL CHANGE BEFORE CAPPING	SELECTED LOSS COST LEVEL CHANGE BEFORE CAPPING	LOSS COST LEVEL CHANGE AFTER CAPPING
01	FOOD AND BEVERAGE (RETAIL)	$ 282,880	+ 17.5%	+ 17.5%	+ 17.2%
02	RESTAURANTS	2,062,882	+ 14.0%	+ 14.0%	+ 13.7%
03	STORES	984,036	+ 18.4%	+ 18.4%	+ 18.2%
04	VENDING AND RENTAL	59,240	+ 15.0%	+ 15.0%	+ 14.0%
05	FOOD AND BEVERAGE DISTRIBUTORS	178,536	+ 17.3%	+ 17.3%	+ 16.6%
06	NON-(FOOD AND BEVERAGE) DISTRIB.	341,100	+ 10.6%	+ 10.6%	+ 11.1%
07	CLUBS, AMUSEMENTS AND SPORTS	2,147,393	+ 24.0%	+ 24.0%	+ 22.6%
08	HEALTH CARE FACILITIES	355,060	+ 19.3%	+ 19.3%	+ 19.5%
09	HOTELS AND MOTELS	1,121,043	+ 17.3%	+ 17.3%	+ 16.9%
10	SCHOOLS AND CHURCHES	1,820,622	+ 18.3%	+ 18.3%	+ 18.2%
11	APARTMENTS	2,108,188	+ 14.5%	+ 14.5%	+ 14.4%
12	BUILDINGS AND OFFICES	5,352,603	+ 14.1%	+ 14.1%	+15.0% @
13	MISCELLANEOUS PREMISES	237,885	+ 24.6%	+ 24.6%	+ 25.3%
16	GOVERNMENTAL SUBDIVISIONS	888	+ 14.2%	+ 14.2%	+ 11.4%
	TOTAL	$ 17,052,356	+ 16.6%	+ 16.6%	+ 16.6%

@ The COVID-19 related adjustments are applied to the rounded loss costs after capping and then rounded using CGL rounding rules. The class group 12 adjusted loss cost level change is +11.7% resulting in an overall OL&T indication of +15.5%.

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

CLASS GROUP	DESCRIPTION	LATEST YEAR MULTISTATE MONO/MULTI ALCCL AT MULTISTATE LEVEL	INDICATED MULTISTATE LOSS COST LEVEL CHANGE	LATEST YEAR STATEWIDE MONO/MULTI ALCCL AT CURRENT LEVEL	INDICATED STATEWIDE LOSS COST LEVEL CHANGE	SELECTED STATEWIDE LOSS COST LEVEL CHANGE
03	MANUFACTURERS, DEALERS OR DISTRIBUTORS-FOOD OR DRUG	$ 30,887,125	- 4.9%	$ 442,146	- 1.1%	- 1.1%
04	DEALERS OR DISTRIBUTORS-NOT FOOD OR DRUG	39,017,316	- 8.3%	480,750	- 7.3%	- 7.3%
05	MANUFACTURERS-NOT FOOD OR DRUG-LOW	4,813,738	- 2.6%	60,415	- 3.1%	- 3.1%
06	MANUFACTURERS-NOT FOOD OR DRUG-MEDIUM	35,560,474	- 5.2%	506,114	- 2.4%	- 2.4%
07	MANUFACTURERS-NOT FOOD OR DRUG-HIGH	8,547,659	- 6.0%	79,419	+ 1.0%	+ 1.0%
	PRODUCTS SUBTOTAL	$ 118,826,312	- 6.1%	$ 1,568,844	- 3.4%	- 3.4%
01	RETAIL STORES-FOOD OR DRUG			$ 144,615	- 10.6%	- 9.6%
02	RETAIL STORES-NOT FOOD OR DRUG			363,534	+ 1.6%	+ 0.6%
11	COMPLETED OPERATIONS-LOW			582,375	+ 3.0%	+ 2.9%
12	COMPLETED OPERATIONS-MEDIUM			7,431,252	+ 1.4%	+ 1.4%
13	COMPLETED OPERATIONS-HIGH			423,916	- 11.5%	- 10.7%
	LOCAL PRODUCTS/COMPLETED OPERATIONS SUBTOTAL			$ 8,945,692	+ 0.7%	+ 0.7%
	TOTAL			$ 10,514,536	+ 0.1%	+ 0.1%

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

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

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

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

The 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, these loss costs are calculated by applying the following procedures:

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.

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

- A proposed base loss cost (PBLC) is calculated by multiplying the CBLC by the class group relative change, the territory relative change and the overall change.

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

- Each proposed class loss cost is calculated as the class differential for that class times the proposed base loss cost for the class group and territory.

For Products, these loss costs are calculated as explained in Section F - Class Groups and Calculation of Proposed Class Loss Costs -- Products.

For Local Products/Completed Operations, these loss costs are calculated as explained in Section G - Class Groups and Calculation of Proposed Class Loss Costs -- Local Products/Completed Operations.

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 +33% and a lower cap of -20% relative to current loss costs;

- OL&T classes reflect an upper cap of +42% and a lower cap of -20% relative to current loss costs;
  The COVID-19 related adjustment factors were applied to the capped and rounded loss costs reflecting the selected loss cost level change.
  Loss costs reflecting the COVID-19 related adjustments are not subject to capping and are rounded using the rules listed below.

- Products classes reflect an upper cap of +25% and a lower cap of -26% relative to current multistate loss costs;

- Local Products/Completed Operations classes reflect an upper cap of +26% and a lower cap of -20% 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: 0.995   OL&T: 1.000   LP/CO: 0.999

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

NOTE: Adjustments have been applied to nine classes impacted by the COVID-19 pandemic. These classes are listed in Section H.

LOSS COST % CHANGE BY CLASS

CLASS	TERR	PROPOSED OCCURR	PRESENT OCCURR	% CHG	CLASS	TERR	PROPOSED OCCURR	PRESENT OCCURR	% CHG	CLASS	TERR	PROPOSED OCCURR	PRESENT OCCURR	% CHG
10010	502	0.179	0.158	13.3	10070	504	0.128	0.118	8.5	10115	503	0.410	0.350	17.1
10010	503	0.155	0.143	8.4	10071	502	0.530	0.430	23.3	10115	504	1.140	0.990	15.2
10010	504	0.223	0.207	7.7	10071	503	0.181	0.156	16.0	10117	502	10.500	8.290	26.7
10015	502	10.600	8.350	26.9	10071	504	0.510	0.440	15.9	10117	503	9.920	8.190	21.1
10015	503	9.990	8.240	21.2	10072	502	3.310	3.140	5.4	10117	504	11.100	9.170	21.0
10015	504	11.100	9.240	20.1	10072	503	3.530	3.340	5.7	10120	502	23.700	18.600	27.4
10026	502	1.070	0.880	21.6	10072	504	3.940	3.740	5.3	10120	503	22.200	18.400	20.7
10026	503	0.370	0.320	15.6	10073	502	0.930	0.870	6.9	10120	504	24.800	20.600	20.4
10026	504	1.030	0.890	15.7	10073	503	0.770	0.720	6.9	10130	502	5.850	4.800	21.9
10036	502	0.600	0.560	7.1	10073	504	0.790	0.740	6.8	10130	503	2.010	1.730	16.2
10036	503	0.500	0.460	8.7	10075	502	6.920	6.440	7.5	10130	504	5.640	4.890	15.3
10036	504	0.510	0.470	8.5	10075	503	5.730	5.340	7.3	10132	502	5.040	4.130	22.0
10040	502	0.136	0.120	13.3	10075	504	5.890	5.470	7.7	10132	503	1.730	1.490	16.1
10040	503	0.118	0.109	8.3	10100	502	0.990	0.820	20.7	10132	504	4.860	4.210	15.4
10040	504	0.170	0.157	8.3	10100	503	0.720	0.620	16.1	10133	502	5.580	4.720	18.2
10042	502	0.610	0.500	22.0	10100	504	0.940	0.820	14.6	10133	503	3.010	2.680	12.3
10042	503	0.210	0.181	16.0	10101	502	0.400	0.330	21.2	10133	504	4.910	4.380	12.1
10042	504	0.590	0.510	15.7	10101	503	0.136	0.117	16.2	10140	502	0.050	0.042	19.0
10052	502	7.350	5.770	27.4	10101	504	0.380	0.330	15.2	10140	503	0.024	0.021	14.3
10052	503	6.910	5.700	21.2	10105	502	4.290	3.520	21.9	10140	504	0.044	0.038	15.8
10052	504	7.710	6.390	20.7	10105	503	1.480	1.270	16.5	10141	502	0.101	0.084	20.2
10054	502	6.520	5.120	27.3	10105	504	4.130	3.590	15.0	10141	503	0.047	0.042	11.9
10054	503	6.130	5.060	21.1	10107	502	2.850	2.650	7.5	10141	504	0.088	0.077	14.3
10054	504	6.840	5.670	20.6	10107	503	2.360	2.200	7.3	10145	502	0.490	0.400	22.5
10060	502	0.290	0.240	20.8	10107	504	2.430	2.260	7.5	10145	503	0.229	0.200	14.5
10060	503	0.101	0.087	16.1	10110	502	36.100	28.400	27.1	10145	504	0.430	0.370	16.2
10060	504	0.280	0.245	14.3	10110	503	34.000	28.100	21.0	10146	502	0.440	0.370	18.9
10065	502	0.440	0.360	22.2	10110	504	37.900	31.400	20.7	10146	503	0.320	0.280	14.3
10065	503	0.151	0.130	16.2	10111	502	0.224	0.197	13.7	10146	504	0.420	0.370	13.5
10065	504	0.420	0.370	13.5	10111	503	0.194	0.179	8.4	10150	502	0.820	0.670	22.4
10066	502	0.450	0.370	21.6	10111	504	0.280	0.260	7.7	10150	503	0.280	0.242	15.7
10066	503	0.154	0.133	15.8	10113	502	0.590	0.490	20.4	10150	504	0.790	0.680	16.2
10066	504	0.430	0.370	16.2	10113	503	0.204	0.176	15.9	10151	502	20.600	16.900	21.9
10070	502	0.102	0.090	13.3	10113	504	0.570	0.500	14.0	10151	503	7.090	6.100	16.2
10070	503	0.089	0.082	8.5	10115	502	1.180	0.970	21.6	10151	504	19.900	17.200	15.7

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LOSS COST % CHANGE BY CLASS

CLASS	TERR	PROPOSED OCCURR	PRESENT OCCURR	% CHG	CLASS	TERR	PROPOSED OCCURR	PRESENT OCCURR	% CHG	CLASS	TERR	PROPOSED OCCURR	PRESENT OCCURR	% CHG
10160	502	3.670	3.010	21.9	10352	504	0.550	0.480	14.6	11127	503	0.490	0.460	6.5
10160	503	1.260	1.090	15.6	10367	502	2.920	2.780	5.0	11127	504	0.710	0.660	7.6
10160	504	3.540	3.070	15.3	10367	503	3.120	2.950	5.8	11128	502	0.770	0.680	13.2
10204	502	0.370	0.300	23.3	10367	504	3.480	3.300	5.5	11128	503	0.670	0.620	8.1
10204	503	0.127	0.110	15.5	10368	502	4.270	4.060	5.2	11128	504	0.960	0.890	7.9
10204	504	0.360	0.310	16.1	10368	503	4.560	4.320	5.6	11138	502	3.600	2.830	27.2
10205	502	0.410	0.340	20.6	10368	504	5.090	4.820	5.6	11138	503	3.390	2.790	21.5
10205	503	0.142	0.122	16.4	10378	502	14.600	11.500	27.0	11138	504	3.780	3.130	20.8
10205	504	0.400	0.350	14.3	10378	503	13.700	11.300	21.2	11155	502	0.350	0.290	20.7
10220	502	7.790	6.390	21.9	10378	504	15.300	12.700	20.5	11155	503	0.121	0.105	15.2
10220	503	2.680	2.310	16.0	10379	502	6.770	5.320	27.3	11155	504	0.340	0.300	13.3
10220	504	7.510	6.510	15.4	10379	503	6.370	5.250	21.3	11167	502	1.340	1.130	18.6
10255	502	0.222	0.207	7.2	10379	504	7.100	5.890	20.5	11167	503	0.720	0.640	12.5
10255	503	0.184	0.171	7.6	10380	502	11.600	9.080	27.8	11167	504	1.180	1.050	12.4
10255	504	0.189	0.176	7.4	10380	503	10.900	8.970	21.5	11168	502	6.930	5.870	18.1
10256	502	0.810	0.760	6.6	10380	504	12.100	10.100	19.8	11168	503	3.740	3.330	12.3
10256	503	0.670	0.630	6.3	10381	502	10.000	7.870	27.1	11168	504	6.110	5.440	12.3
10256	504	0.690	0.640	7.8	10381	503	9.410	7.770	21.1	11201	502	10.900	10.300	5.8
10257	502	0.153	0.143	7.0	10381	504	10.500	8.700	20.7	11201	503	11.600	11.000	5.5
10257	503	0.127	0.118	7.6	11007	502	1.240	1.180	5.1	11201	504	13.000	12.300	5.7
10257	504	0.130	0.121	7.4	11007	503	1.330	1.260	5.6	11202	502	3.220	3.060	5.2
10309	502	0.270	0.219	23.3	11007	504	1.480	1.400	5.7	11202	503	3.430	3.250	5.5
10309	503	0.092	0.079	16.5	11020	502	0.500	0.410	22.0	11202	504	3.830	3.630	5.5
10309	504	0.260	0.223	16.6	11020	503	0.172	0.148	16.2	11203	502	1.330	1.170	13.7
10315	502	0.630	0.520	21.2	11020	504	0.480	0.420	14.3	11203	503	1.150	1.060	8.5
10315	503	0.216	0.186	16.1	11039	502	0.810	0.750	8.0	11203	504	1.650	1.530	7.8
10315	504	0.610	0.530	15.1	11039	503	0.670	0.620	8.1	11204	502	0.520	0.420	23.8
10331	502	14.400	11.300	27.4	11039	504	0.690	0.640	7.8	11204	503	0.178	0.153	16.3
10331	503	13.500	11.200	20.5	11052	502	5.800	4.910	18.1	11204	504	0.500	0.430	16.3
10331	504	15.100	12.500	20.8	11052	503	3.130	2.790	12.2	11206	502	0.500	0.480	4.2
10332	502	24.800	19.500	27.2	11052	504	5.110	4.560	12.1	11206	503	0.540	0.510	5.9
10332	503	23.400	19.300	21.2	11126	502	0.103	0.085	21.2	11206	504	0.600	0.570	5.3
10332	504	26.100	21.600	20.8	11126	503	0.036	0.031	16.1	11207	502	6.380	6.060	5.3
10352	502	0.580	0.480	20.8	11126	504	0.100	0.086	16.3	11207	503	6.800	6.440	5.6
10352	503	0.420	0.360	16.7	11127	502	0.570	0.500	14.0	11207	504	7.590	7.200	5.4

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LOSS COST % CHANGE BY CLASS

CLASS	TERR	PROPOSED OCCURR	PRESENT OCCURR	% CHG	CLASS	TERR	PROPOSED OCCURR	PRESENT OCCURR	% CHG	CLASS	TERR	PROPOSED OCCURR	PRESENT OCCURR	% CHG
11208	502	1.090	1.040	4.8	11259	504	1.220	1.060	15.1	12393	503	0.228	0.196	16.3
11208	503	1.170	1.100	6.4	11273	502	23.100	18.900	22.2	12393	504	0.640	0.550	16.4
11208	504	1.300	1.230	5.7	11273	503	7.930	6.830	16.1	12467	502	0.280	0.226	23.9
11209	502	5.130	4.880	5.1	11273	504	22.200	19.300	15.0	12467	502	0.095	0.082	15.9
11209	503	5.470	5.180	5.6	11274	502	22.100	18.200	21.4	12467	504	0.270	0.231	16.9
11209	504	6.110	5.790	5.5	11274	503	7.610	6.560	16.0	12509	502	0.055	0.052	5.8
11210	502	2.190	2.080	5.3	11274	504	21.300	18.500	15.1	12509	503	0.046	0.043	7.0
11210	503	2.330	2.210	5.4	11288	502	1.460	1.210	20.7	12509	504	0.047	0.044	6.8
11210	504	2.600	2.470	5.3	11288	503	1.060	0.920	15.2	12510	502	0.700	0.660	6.1
11211	502	11.400	10.800	5.6	11288	504	1.390	1.210	14.9	12510	503	0.580	0.540	7.4
11211	503	12.100	11.500	5.2	12014	502	0.091	0.085	7.1	12510	504	0.600	0.560	7.1
11211	504	13.500	12.800	5.5	12014	503	0.075	0.070	7.1	12583	502	0.310	0.290	6.9
11212	502	1.720	1.630	5.5	12014	504	0.078	0.072	8.3	12583	503	0.260	0.241	7.9
11212	503	1.830	1.740	5.2	12356	502	1.960	1.600	22.5	12583	504	0.270	0.248	8.9
11212	504	2.050	1.940	5.7	12356	503	0.670	0.580	15.5	12651	502	0.910	0.850	7.1
11213	502	1.400	1.330	5.3	12356	504	1.880	1.640	14.6	12651	503	0.760	0.700	8.6
11213	503	1.490	1.420	4.9	12361	502	0.110	0.091	20.9	12651	504	0.780	0.720	8.3
11213	504	1.670	1.580	5.7	12361	503	0.052	0.045	15.6	12683	502	0.420	0.390	7.7
11214	502	3.450	3.280	5.2	12361	504	0.096	0.084	14.3	12683	503	0.350	0.320	9.4
11214	503	3.680	3.490	5.4	12362	502	0.112	0.099	13.1	12683	504	0.360	0.330	9.1
11214	504	4.110	3.900	5.4	12362	503	0.097	0.090	7.8	12707	502	0.740	0.650	13.8
11222	502	0.058	0.055	5.5	12362	504	0.140	0.130	7.7	12707	503	0.640	0.590	8.5
11222	503	0.062	0.059	5.1	12373	502	0.043	0.038	13.2	12707	504	0.920	0.850	8.2
11222	504	0.069	0.066	4.5	12373	503	0.037	0.034	8.8	12797	502	0.155	0.137	13.1
11234	502	0.470	0.380	23.7	12373	504	0.053	0.049	8.2	12797	503	0.134	0.124	8.1
11234	503	0.160	0.138	15.9	12374	502	1.020	0.830	22.9	12797	504	0.193	0.179	7.8
11234	504	0.450	0.390	15.4	12374	503	0.350	0.300	16.7	12805	502	0.530	0.440	20.5
11248	502	0.042	0.039	7.7	12374	504	0.980	0.850	15.3	12805	503	0.184	0.158	16.5
11248	503	0.035	0.033	6.1	12375	502	0.500	0.410	22.0	12805	504	0.510	0.450	13.3
11248	504	0.036	0.033	9.1	12375	503	0.172	0.148	16.2	12841	502	0.890	0.730	21.9
11258	502	1.190	0.980	21.4	12375	504	0.480	0.420	14.3	12841	503	0.310	0.260	19.2
11258	503	0.860	0.750	14.7	12391	502	0.084	0.074	13.5	12841	504	0.860	0.740	16.2
11258	504	1.130	0.990	14.1	12391	503	0.073	0.067	9.0	12927	502	0.155	0.127	22.0
11259	502	1.280	1.060	20.8	12391	504	0.105	0.098	7.1	12927	503	0.053	0.046	15.2
11259	503	0.930	0.800	16.2	12393	502	0.660	0.540	22.2	12927	504	0.149	0.130	14.6

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LOSS COST % CHANGE BY CLASS

CLASS	TERR	PROPOSED OCCURR	PRESENT OCCURR	% CHG	CLASS	TERR	PROPOSED OCCURR	PRESENT OCCURR	% CHG	CLASS	TERR	PROPOSED OCCURR	PRESENT OCCURR	% CHG
13049	502	0.057	0.047	21.3	13453	504	0.420	0.390	7.7	13759	503	0.101	0.087	16.1
13049	503	0.027	0.024	12.5	13454	502	0.580	0.540	7.4	13759	504	0.280	0.245	14.3
13049	504	0.050	0.043	16.3	13454	503	0.480	0.450	6.7	13930	502	0.240	0.211	13.7
13111	502	1.100	0.910	20.9	13454	504	0.500	0.460	8.7	13930	503	0.207	0.192	7.8
13111	503	0.800	0.700	14.3	13455	502	0.590	0.550	7.3	13930	504	0.300	0.280	7.1
13111	504	1.050	0.920	14.1	13455	503	0.490	0.460	6.5	14068	502	0.065	0.053	22.6
13112	502	0.093	0.077	20.8	13455	504	0.500	0.470	6.4	14068	503	0.022	0.019	15.8
13112	503	0.044	0.038	15.8	13506	502	1.520	1.240	22.6	14068	504	0.062	0.054	14.8
13112	504	0.082	0.071	15.5	13506	503	0.520	0.450	15.6	14101	502	0.760	0.620	22.6
13201	502	0.810	0.750	8.0	13506	504	1.460	1.270	15.0	14101	503	0.260	0.225	15.6
13201	503	0.670	0.620	8.1	13507	502	1.830	1.500	22.0	14101	504	0.730	0.630	15.9
13201	504	0.690	0.640	7.8	13507	503	0.630	0.540	16.7	14279	502	0.420	0.390	7.7
13204	502	0.910	0.850	7.1	13507	504	1.760	1.530	15.0	14279	503	0.350	0.330	6.1
13204	503	0.760	0.700	8.6	13590	502	0.440	0.410	7.3	14279	504	0.360	0.340	5.9
13204	504	0.780	0.720	8.3	13590	503	0.360	0.340	5.9	14401	502	1.200	0.990	21.2
13205	502	0.350	0.330	6.1	13590	504	0.370	0.350	5.7	14401	503	0.870	0.760	14.5
13205	503	0.290	0.270	7.4	13621	502	0.111	0.103	7.8	14401	504	1.140	1.000	14.0
13205	504	0.300	0.280	7.1	13621	503	0.092	0.086	7.0	14405	502	0.730	0.690	5.8
13314	502	0.198	0.163	21.5	13621	504	0.095	0.088	8.0	14405	503	0.780	0.740	5.4
13314	503	0.068	0.059	15.3	13670	502	0.061	0.051	19.6	14405	504	0.870	0.830	4.8
13314	504	0.191	0.166	15.1	13670	503	0.029	0.025	16.0	14527	502	0.460	0.400	15.0
13351	502	0.480	0.400	20.0	13670	504	0.054	0.047	14.9	14527	503	0.400	0.370	8.1
13351	503	0.166	0.143	16.1	13673	502	0.900	0.750	20.0	14527	504	0.570	0.530	7.5
13351	504	0.460	0.400	15.0	13673	503	0.650	0.570	14.0	14655	502	0.146	0.120	21.7
13352	502	0.490	0.400	22.5	13673	504	0.860	0.750	14.7	14655	503	0.050	0.043	16.3
13352	503	0.169	0.145	16.6	13715	502	0.112	0.099	13.1	14655	504	0.141	0.122	15.6
13352	504	0.470	0.410	14.6	13715	503	0.097	0.090	7.8	14731	502	5.760	4.870	18.3
13410	502	1.280	1.190	7.6	13715	504	0.140	0.130	7.7	14731	503	3.110	2.770	12.3
13410	503	1.060	0.980	8.2	13716	502	0.750	0.610	23.0	14731	504	5.070	4.520	12.2
13410	504	1.090	1.010	7.9	13716	503	0.260	0.222	17.1	14732	502	0.430	0.360	19.4
13412	502	0.430	0.400	7.5	13716	504	0.720	0.630	14.3	14732	503	0.230	0.205	12.2
13412	503	0.360	0.330	9.1	13720	502	0.510	0.420	21.4	14732	504	0.380	0.330	15.2
13412	504	0.370	0.340	8.8	13720	503	0.370	0.320	15.6	14733	502	1.020	0.840	21.4
13453	502	0.500	0.460	8.7	13720	504	0.480	0.420	14.3	14733	503	0.350	0.300	16.7
13453	503	0.410	0.380	7.9	13759	502	0.290	0.240	20.8	14733	504	0.990	0.860	15.1

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STATE: 02 - ARIZONA
SUBLINE: PREM/OPS
                                    LOSS COST % CHANGE BY CLASS


            PROPOSED  PRESENT    %                   PROPOSED  PRESENT    %                   PROPOSED  PRESENT    %
CLASS TERR  OCCURR    OCCURR    CHG    CLASS TERR     OCCURR    OCCURR    CHG    CLASS TERR    OCCURR    OCCURR    CHG
-------------------------------------------------------------------------------------------------------------------------
14734 502    0.440     0.360   22.2   15314 504        0.340     0.300   13.3   15839 503      0.163     0.140   16.4
14734 503    0.151     0.130   16.2   15404 502        0.080     0.074    8.1   15839 504      0.460     0.400   15.0
14734 504    0.420     0.370   13.5   15404 503        0.066     0.062    6.5   15991 502      0.390     0.320   21.9
14855 502    0.195     0.182    7.1   15404 504        0.068     0.063    7.9   15991 503      0.133     0.115   15.7
14855 503    0.162     0.151    7.3   15405 502        0.118     0.110    7.3   15991 504      0.370     0.320   15.6

14855 504    0.166     0.155    7.1   15405 503        0.097     0.091    6.6   15993 502      0.330     0.270   22.2
14913 502    0.550     0.450   22.2   15405 504        0.100     0.093    7.5   15993 503      0.113     0.097   16.5
14913 503    0.190     0.163   16.6   15406 502        0.300     0.280    7.1   15993 504      0.320     0.270   18.5
14913 504    0.530     0.460   15.2   15406 503        0.248     0.231    7.4   16005 502      0.060     0.053   13.2
15062 502    0.175     0.163    7.4   15406 504        0.260     0.237    9.7   16005 503      0.052     0.048    8.3

15062 503    0.145     0.135    7.4   15488 502        0.750     0.700    7.1   16005 504      0.074     0.069    7.2
15062 504    0.149     0.139    7.2   15488 503        0.620     0.580    6.9   16009 502      0.240     0.223    7.6
15063 502    0.204     0.190    7.4   15488 504        0.640     0.590    8.5   16009 503      0.199     0.185    7.6
15063 503    0.169     0.158    7.0   15538 502        0.630     0.520   21.2   16009 504      0.204     0.190    7.4
15063 504    0.174     0.162    7.4   15538 503        0.216     0.186   16.1   16402 502      2.340     1.920   21.9

15070 502    0.098     0.093    5.4   15538 504        0.610     0.530   15.1   16402 503      0.810     0.690   17.4
15070 503    0.104     0.099    5.1   15600 502        1.580     1.300   21.5   16402 504      2.260     1.960   15.3
15070 504    0.117     0.111    5.4   15600 503        0.550     0.470   17.0   16403 502      1.480     1.220   21.3
15123 502    5.560     4.710   18.0   15600 504        1.530     1.330   15.0   16403 503      0.510     0.440   15.9
15123 503    3.000     2.670   12.4   15607 502        0.128     0.122    4.9   16403 504      1.430     1.240   15.3

15123 504    4.900     4.370   12.1   15607 503        0.137     0.129    6.2   16404 502      1.870     1.530   22.2
15124 502    1.950     1.650   18.2   15607 504        0.153     0.145    5.5   16404 503      0.640     0.550   16.4
15124 503    1.050     0.940   11.7   15608 502        0.350     0.290   20.7   16404 504      1.800     1.560   15.4
15124 504    1.710     1.530   11.8   15608 503        0.121     0.105   15.2   16471 502      0.181     0.172    5.2
15188 502    0.310     0.290    6.9   15608 504        0.340     0.300   13.3   16471 503      0.193     0.183    5.5

15188 503    0.260     0.238    9.2   15656 502       10.400     8.560   21.5   16471 504      0.215     0.204    5.4
15188 504    0.260     0.244    6.6   15656 503        3.590     3.090   16.2   16501 502      0.126     0.111   13.5
15223 502    0.072     0.060   20.0   15656 504       10.100     8.730   15.7   16501 503      0.109     0.101    7.9
15223 503    0.034     0.030   13.3   15699 502        0.320     0.300    6.7   16501 504      0.157     0.146    7.5
15223 504    0.063     0.055   14.5   15699 503        0.340     0.320    6.3   16527 502      0.193     0.171   12.9

15224 502    0.540     0.440   22.7   15699 504        0.380     0.360    5.6   16527 503      0.167     0.155    7.7
15224 503    0.390     0.340   14.7   15733 502        0.195     0.182    7.1   16527 504      0.241     0.224    7.6
15224 504    0.510     0.450   13.3   15733 503        0.162     0.151    7.3   16588 502      0.111     0.103    7.8
15314 502    0.350     0.290   20.7   15733 504        0.166     0.155    7.1   16588 503      0.092     0.086    7.0
15314 503    0.121     0.105   15.2   15839 502        0.470     0.390   20.5   16588 504      0.095     0.088    8.0




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STATE: 02 - ARIZONA
SUBLINE: PREM/OPS

LOSS COST % CHANGE BY CLASS

CLASS	TERR	PROPOSED OCCURR	PRESENT OCCURR	% CHG	CLASS	TERR	PROPOSED OCCURR	PRESENT OCCURR	% CHG	CLASS	TERR	PROPOSED OCCURR	PRESENT OCCURR	% CHG
16604	502	0.186	0.174	6.9	16891	504	0.115	0.107	7.5	16921	503	2.710	2.430	11.5
16604	503	0.154	0.144	6.9	16892	502	0.246	0.229	7.4	16921	504	4.080	3.670	11.2
16604	504	0.159	0.148	7.4	16892	504	0.204	0.190	7.4	16930	502	2.400	2.060	16.5
16670	502	5.980	4.700	27.2	16892	504	0.210	0.195	7.7	16930	503	1.710	1.530	11.8
16670	503	5.620	4.640	21.1	16900	502	3.060	2.620	16.8	16930	504	2.570	2.310	11.3
16670	504	6.270	5.200	20.6	16900	503	2.170	1.950	11.3	16931	502	2.590	2.220	16.7
16676	502	0.490	0.400	22.5	16900	504	3.280	2.940	11.6	16931	503	1.840	1.650	11.5
16676	503	0.169	0.145	16.6	16901	502	1.960	1.680	16.7	16931	504	2.770	2.490	11.2
16676	504	0.470	0.410	14.6	16901	503	1.390	1.250	11.2	16940	502	5.220	4.460	17.0
16694	502	0.370	0.340	8.8	16901	504	2.100	1.890	11.1	16940	503	3.700	3.320	11.4
16694	503	0.310	0.280	10.7	16902	502	1.670	1.420	17.6	16940	504	5.580	5.010	11.4
16694	504	0.310	0.290	6.9	16902	503	1.180	1.060	11.3	16941	502	2.090	1.790	16.8
16705	502	0.360	0.320	12.5	16902	504	1.780	1.600	11.2	16941	503	1.480	1.330	11.3
16705	503	0.310	0.290	6.9	16905	502	3.220	2.750	17.1	16941	504	2.230	2.010	10.9
16705	504	0.450	0.410	9.8	16905	503	2.290	2.050	11.7	18078	502	0.204	0.179	14.0
16750	502	0.172	0.141	22.0	16905	504	3.440	3.100	11.0	18078	503	0.176	0.163	8.0
16750	503	0.059	0.051	15.7	16906	502	2.060	1.760	17.0	18078	504	0.250	0.235	6.4
16750	504	0.166	0.144	15.3	16906	503	1.460	1.310	11.5	18109	502	0.650	0.530	22.6
16751	502	0.172	0.141	22.0	16906	504	2.200	1.980	11.1	18109	503	0.222	0.191	16.2
16751	503	0.059	0.051	15.7	16910	502	1.840	1.570	17.2	18109	504	0.620	0.540	14.8
16751	504	0.166	0.144	15.3	16910	503	1.300	1.170	11.1	18110	502	0.520	0.420	23.8
16819	502	1.060	0.990	7.1	16910	504	1.970	1.770	11.3	18110	503	0.178	0.153	16.3
16819	503	0.880	0.820	7.3	16911	502	1.670	1.420	17.6	18110	504	0.500	0.430	16.3
16819	504	0.900	0.840	7.1	16911	503	1.180	1.060	11.3	18205	502	0.310	0.280	10.7
16820	502	0.820	0.760	7.9	16911	504	1.780	1.600	11.2	18205	503	0.270	0.250	8.0
16820	503	0.680	0.630	7.9	16915	502	1.890	1.610	17.4	18205	504	0.390	0.360	8.3
16820	504	0.700	0.650	7.7	16915	503	1.340	1.200	11.7	18206	502	0.840	0.690	21.7
16881	502	2.700	2.210	22.2	16915	504	2.020	1.810	11.6	18206	503	0.290	0.248	16.9
16881	503	0.930	0.800	16.2	16916	502	1.570	1.340	17.2	18206	504	0.810	0.700	15.7
16881	504	2.600	2.260	15.0	16916	503	1.110	1.000	11.0	18335	502	0.600	0.490	22.4
16890	502	0.124	0.116	6.9	16916	504	1.680	1.510	11.3	18335	503	0.207	0.179	15.6
16890	503	0.103	0.096	7.3	16920	502	4.180	3.570	17.1	18335	504	0.580	0.500	16.0
16890	504	0.106	0.098	8.2	16920	503	2.970	2.660	11.7	18435	502	1.050	0.870	20.7
16891	502	0.135	0.126	7.1	16920	504	4.470	4.020	11.2	18435	503	0.760	0.660	15.2
16891	503	0.112	0.104	7.7	16921	502	3.820	3.260	17.2	18435	504	1.000	0.870	14.9

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STATE: 02 - ARIZONA
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LOSS COST % CHANGE BY CLASS

CLASS	TERR	PROPOSED OCCURR	PRESENT OCCURR	% CHG	CLASS	TERR	PROPOSED OCCURR	PRESENT OCCURR	% CHG	CLASS	TERR	PROPOSED OCCURR	PRESENT OCCURR	% CHG
18436	502	0.850	0.700	21.4	18834	504	0.470	0.410	14.6	40061	503	4.160	3.440	20.9
18436	503	0.610	0.530	15.1	18911	502	1.550	1.270	22.0	40061	504	4.650	3.850	20.8
18436	504	0.800	0.700	14.3	18911	503	0.530	0.460	15.2	40063	502	148.000	116.000	27.6
18437	502	0.860	0.710	21.1	18911	504	1.490	1.300	14.6	40063	503	139.000	115.000	20.9
18437	503	0.300	0.260	15.4	18912	502	2.920	2.400	21.7	40063	504	156.000	129.000	20.9
18437	504	0.830	0.720	15.3	18912	503	1.000	0.870	14.9	40064	502	43.600	34.200	27.5
18438	502	1.650	1.360	21.3	18912	504	2.810	2.440	15.2	40064	503	41.000	33.800	21.3
18438	503	0.570	0.490	16.3	18920	502	0.760	0.620	22.6	40064	504	45.700	37.900	20.6
18438	504	1.590	1.380	15.2	18920	503	0.260	0.225	15.6	40075	502	83.800	65.500	27.9
18501	502	0.960	0.790	21.5	18920	504	0.730	0.630	15.9	40075	503	56.000	45.900	22.0
18501	503	0.700	0.610	14.8	19007	502	2.170	1.840	17.9	40075	504	35.400	29.100	21.6
18501	504	0.910	0.800	13.7	19007	503	1.170	1.050	11.4	40101	502	36.700	29.900	22.7
18506	502	0.390	0.360	8.3	19007	504	1.920	1.710	12.3	40101	503	21.900	18.900	15.9
18506	503	0.320	0.300	6.7	19051	502	4.820	4.080	18.1	40101	504	19.200	16.400	17.1
18506	504	0.330	0.310	6.5	19051	503	2.600	2.320	12.1	40102	502	32.400	26.400	22.7
18507	502	0.310	0.250	24.0	19051	504	4.250	3.790	12.1	40102	503	19.400	16.700	16.2
18507	503	0.107	0.092	16.3	19795	502	0.510	0.420	21.4	40102	504	17.000	14.500	17.2
18507	504	0.300	0.260	15.4	19795	503	0.175	0.151	15.9	40111	502	11.700	9.230	26.8
18570	502	3.240	2.660	21.8	19795	504	0.490	0.430	14.0	40111	503	11.000	9.110	20.7
18570	503	1.110	0.960	15.6	19796	502	0.590	0.490	20.4	40111	504	12.300	10.200	20.6
18570	504	3.120	2.710	15.1	19796	503	0.204	0.176	15.9	41001	502	0.400	0.310	29.0
18616	502	0.300	0.280	7.1	19796	504	0.570	0.500	14.0	41001	503	0.370	0.310	19.4
18616	503	0.246	0.229	7.4	40045	502	331.000	260.000	27.3	41001	504	0.420	0.340	23.5
18616	504	0.250	0.235	6.4	40045	503	311.000	257.000	21.0	41421	502	0.720	0.590	22.0
18707	502	0.017	0.015	13.3	40045	504	347.000	288.000	20.5	41421	503	0.630	0.540	16.7
18707	503	0.015	0.013	15.4	40046	502	65.400	51.400	27.2	41421	504	0.620	0.540	14.8
18707	504	0.021	0.020	5.0	40046	503	61.500	50.800	21.1	41422	502	0.380	0.320	18.7
18708	502	0.189	0.155	21.9	40046	504	68.700	56.900	20.7	41422	503	0.330	0.290	13.8
18708	503	0.065	0.056	16.1	40047	502	23.300	18.300	27.3	41422	504	0.330	0.290	13.8
18708	504	0.183	0.159	15.1	40047	503	21.900	18.100	21.0	41510	502	77.900	64.000	21.7
18833	502	0.201	0.178	12.9	40047	504	24.500	20.300	20.7	41510	503	26.800	23.100	16.0
18833	503	0.174	0.161	8.1	40059	502	8.350	6.570	27.1	41510	504	75.100	65.200	15.2
18833	504	0.250	0.233	7.3	40059	503	7.860	6.480	21.3	41603	502	34.000	28.000	21.4
18834	502	0.490	0.400	22.5	40059	504	8.770	7.260	20.8	41603	503	29.700	25.700	15.6
18834	503	0.169	0.145	16.6	40061	502	4.430	3.480	27.3	41603	504	29.300	25.400	15.4

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LOSS COST % CHANGE BY CLASS

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41604	502	18.700	15.400	21.4	41680	504	21.500	18.600	15.6	43550	503	104.000	85.000	22.4
41604	503	16.300	14.100	15.6	41696	502	0.600	0.570	5.3	43550	504	65.400	53.800	21.6
41604	504	16.100	14.000	15.0	41696	503	0.630	0.600	5.0	43551	502	86.000	67.300	27.8
41620	502	0.910	0.870	4.6	41696	504	0.710	0.670	6.0	43551	503	57.500	47.100	22.1
41620	503	0.970	0.920	5.4	41697	502	0.410	0.390	5.1	43551	504	36.300	29.900	21.4
41620	504	1.090	1.030	5.8	41697	503	0.440	0.420	4.8	43626	502	17.200	13.500	27.4
41650	502	47.900	39.400	21.6	41697	504	0.490	0.470	4.3	43626	503	16.200	13.300	21.8
41650	503	41.800	36.100	15.8	41715	502	15.800	13.000	21.5	43626	504	18.000	14.900	20.8
41650	504	41.300	35.800	15.4	41715	503	13.800	11.900	16.0	43628	502	223.000	175.000	27.4
41664	502	50.100	39.400	27.2	41715	504	13.600	11.800	15.3	43628	503	210.000	173.000	21.4
41664	503	47.100	38.900	21.1	41716	502	10.100	8.280	22.0	43628	504	234.000	194.000	20.6
41664	504	52.600	43.600	20.6	41716	503	8.780	7.590	15.7	43629	502	189.000	149.000	26.8
41665	502	5.870	4.610	27.3	41716	504	8.670	7.520	15.3	43629	503	178.000	147.000	21.1
41665	503	5.520	4.550	21.3	43151	502	41.700	32.600	27.9	43629	504	199.000	164.000	21.3
41665	504	6.160	5.100	20.8	43151	503	27.900	22.800	22.4	43760	502	6.300	4.950	27.3
41667	502	137.000	108.000	26.9	43151	504	17.600	14.500	21.4	43760	503	5.930	4.890	21.3
41667	503	129.000	106.000	21.7	43152	502	18.500	15.800	17.1	43760	504	6.610	5.480	20.6
41667	504	144.000	119.000	21.0	43152	503	15.400	13.800	11.6	43822	502	2.760	2.620	5.3
41668	502	128.000	101.000	26.7	43152	504	12.600	11.300	11.5	43822	503	2.940	2.790	5.4
41668	503	121.000	99.700	21.4	43200	502	159.000	124.000	28.2	43822	504	3.290	3.110	5.8
41668	504	135.000	112.000	20.5	43200	503	106.000	86.900	22.0	43840	502	0.034	0.032	6.3
41669	502	0.900	0.710	26.8	43200	504	66.900	55.100	21.4	43840	503	0.036	0.034	5.9
41669	503	0.850	0.700	21.4	43421	502	43.400	34.000	27.6	43840	504	0.040	0.038	5.3
41669	504	0.940	0.780	20.5	43421	503	29.100	23.800	22.3	43860	502	2.170	2.060	5.3
41670	502	1.510	1.190	26.9	43421	504	18.300	15.100	21.2	43860	503	2.310	2.190	5.5
41670	503	1.420	1.170	21.4	43422	502	228.000	178.000	28.1	43860	504	2.590	2.450	5.7
41670	504	1.590	1.310	21.4	43422	503	153.000	125.000	22.4	43889	502	0.780	0.740	5.4
41677	502	0.188	0.179	5.0	43422	504	96.300	79.200	21.6	43889	503	0.830	0.780	6.4
41677	503	0.201	0.190	5.8	43470	502	3.470	3.290	5.5	43889	504	0.920	0.880	4.5
41677	504	0.224	0.213	5.2	43470	503	3.700	3.500	5.7	44009	502	6.780	5.740	18.1
41678	502	61.800	52.800	17.0	43470	504	4.130	3.910	5.6	44009	503	3.660	3.260	12.3
41678	503	51.500	46.200	11.5	43518	502	21.500	16.900	27.2	44009	504	5.970	5.330	12.0
41678	504	41.900	37.700	11.1	43518	503	20.200	16.700	21.0	44069	502	18.400	14.400	27.8
41680	502	24.900	20.500	21.5	43518	504	22.600	18.700	20.9	44069	503	17.300	14.300	21.0
41680	503	21.700	18.800	15.4	43550	502	155.000	121.000	28.1	44069	504	19.300	16.000	20.6

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CLASS	TERR	PROPOSED OCCURR	PRESENT OCCURR	% CHG	CLASS	TERR	PROPOSED OCCURR	PRESENT OCCURR	% CHG	CLASS	TERR	PROPOSED OCCURR	PRESENT OCCURR	% CHG
44070	502	5.440	4.270	27.4	44111	504	3.800	3.410	11.4	44432	503	0.840	0.730	15.1
44070	503	5.110	4.220	21.1	44112	502	0.750	0.640	17.2	44432	504	0.740	0.630	17.5
44070	504	5.710	4.730	20.7	44112	503	0.650	0.580	12.1	44433	502	44.900	36.600	22.7
44071	502	6.050	4.750	27.4	44112	504	2.250	2.020	11.4	44433	503	26.800	23.100	16.0
44071	503	5.690	4.690	21.3	44276	502	213.000	166.000	28.3	44433	504	23.500	20.100	16.9
44071	504	6.350	5.260	20.7	44276	503	142.000	117.000	21.4	44434	502	85.900	70.000	22.7
44072	502	4.180	3.280	27.4	44276	504	89.800	73.900	21.5	44434	503	51.300	44.200	16.1
44072	503	3.930	3.240	21.3	44277	502	138.000	108.000	27.8	44434	504	44.900	38.400	16.9
44072	504	4.380	3.630	20.7	44277	503	92.300	75.600	22.1	44435	502	88.900	72.400	22.8
44100	502	2.240	1.910	17.3	44277	504	58.200	47.900	21.5	44435	503	53.100	45.800	15.9
44100	503	1.950	1.750	11.4	44280	502	0.188	0.179	5.0	44435	504	46.500	39.800	16.8
44100	504	6.750	6.060	11.4	44280	503	0.201	0.190	5.8	44436	502	104.000	84.600	22.9
44101	502	2.330	1.990	17.1	44280	504	0.224	0.213	5.2	44436	503	62.000	53.500	15.9
44101	503	2.030	1.820	11.5	44311	502	11.100	8.720	27.3	44436	504	54.300	46.500	16.8
44101	504	7.030	6.310	11.4	44311	503	10.400	8.610	20.8	44437	502	86.100	70.100	22.8
44102	502	1.820	1.550	17.4	44311	504	11.600	9.640	20.3	44437	503	51.400	44.400	15.8
44102	503	1.580	1.420	11.3	44315	502	7.450	5.860	27.1	44437	504	45.000	38.500	16.9
44102	504	5.480	4.920	11.4	44315	503	7.010	5.780	21.3	44438	502	68.000	55.400	22.7
44103	502	1.610	1.370	17.5	44315	504	7.820	6.480	20.7	44438	503	40.600	35.000	16.0
44103	503	1.400	1.260	11.1	44427	502	133.000	108.000	23.1	44438	504	35.600	30.400	17.1
44103	504	4.850	4.350	11.5	44427	503	79.300	68.400	15.9	44439	502	132.000	108.000	22.2
44104	502	0.680	0.580	17.2	44427	504	69.400	59.400	16.8	44439	503	79.100	68.200	16.0
44104	503	0.590	0.530	11.3	44428	502	134.000	109.000	22.9	44439	504	69.200	59.200	16.9
44104	504	2.040	1.830	11.5	44428	503	79.800	68.800	16.0	44440	502	110.000	89.200	23.3
44108	502	0.790	0.680	16.2	44428	504	69.800	59.700	16.9	44440	503	65.400	56.500	15.8
44108	503	0.690	0.620	11.3	44429	502	2.000	1.630	22.7	44440	504	57.300	49.000	16.9
44108	504	2.390	2.140	11.7	44429	503	1.200	1.030	16.5	45190	502	2.510	2.080	20.7
44109	502	2.010	1.710	17.5	44429	504	1.050	0.900	16.7	45190	503	2.680	2.340	14.5
44109	503	1.750	1.570	11.5	44430	502	1.390	1.130	23.0	45190	504	2.360	2.060	14.6
44109	504	6.050	5.430	11.4	44430	503	0.830	0.720	15.3	45191	502	1.780	1.480	20.3
44110	502	2.050	1.750	17.1	44430	504	0.730	0.620	17.7	45191	503	1.900	1.660	14.5
44110	503	1.790	1.600	11.9	44431	502	4.440	3.620	22.7	45191	504	1.670	1.470	13.6
44110	504	6.190	5.550	11.5	44431	503	2.650	2.290	15.7	45192	502	2.080	1.730	20.2
44111	502	1.260	1.070	17.8	44431	504	2.320	1.990	16.6	45192	503	2.230	1.940	14.9
44111	503	1.100	0.980	12.2	44432	502	1.410	1.150	22.6	45192	504	1.960	1.710	14.6

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LOSS COST % CHANGE BY CLASS

CLASS	TERR	PROPOSED OCCURR	PRESENT OCCURR	% CHG	CLASS	TERR	PROPOSED OCCURR	PRESENT OCCURR	% CHG	CLASS	TERR	PROPOSED OCCURR	PRESENT OCCURR	% CHG
45193	502	1.230	1.020	20.6	46004	504	39.200	34.000	15.3	46700	503	213.000	175.000	21.7
45193	503	1.310	1.150	13.9	46005	502	36.400	30.000	21.3	46700	504	135.000	111.000	21.6
45193	504	1.160	1.010	14.9	46005	503	31.800	27.500	15.6	46911	502	34.000	26.700	27.3
45210	502	1.550	1.290	20.2	46005	504	31.400	27.200	15.4	46911	503	32.000	26.400	21.2
45210	503	1.660	1.450	14.5	46112	502	0.144	0.118	22.0	46911	504	35.700	29.600	20.6
45210	504	1.460	1.280	14.1	46112	503	0.086	0.074	16.2	46912	502	62.300	48.900	27.4
45334	502	91.400	71.500	27.8	46112	504	0.076	0.065	16.9	46912	503	58.500	48.300	21.1
45334	503	61.100	50.100	22.0	46202	502	3.180	2.640	20.5	46912	504	65.300	54.100	20.7
45334	504	38.600	31.700	21.8	46202	503	3.410	2.970	14.8	47050	502	0.750	0.720	4.2
45380	502	0.229	0.213	7.5	46202	504	2.990	2.620	14.1	47050	503	0.800	0.760	5.3
45380	503	0.189	0.176	7.4	46362	502	216.000	184.000	17.4	47050	504	0.900	0.850	5.9
45380	504	0.195	0.181	7.7	46362	503	180.000	161.000	11.8	47221	502	350.000	274.000	27.7
45450	502	26.900	21.000	28.1	46362	504	146.000	131.000	11.5	47221	503	234.000	192.000	21.9
45450	503	18.000	14.700	22.4	46426	502	31.500	26.900	17.1	47221	504	148.000	121.000	22.3
45450	504	11.300	9.330	21.1	46426	503	26.300	23.500	11.9	47318	502	14.000	11.000	27.3
45678	502	0.203	0.193	5.2	46426	504	21.400	19.200	11.5	47318	503	13.100	10.800	21.3
45678	503	0.217	0.205	5.9	46427	502	42.100	36.000	16.9	47318	504	14.700	12.100	21.5
45678	504	0.242	0.230	5.2	46427	503	35.100	31.400	11.8	47367	502	0.188	0.179	5.0
45771	502	0.350	0.320	9.4	46427	504	28.600	25.700	11.3	47367	503	0.201	0.190	5.8
45771	503	0.290	0.270	7.4	46603	502	2.640	2.260	16.8	47367	504	0.224	0.213	5.2
45771	504	0.300	0.280	7.1	46603	503	2.200	1.970	11.7	47420	502	3.060	2.410	27.0
45819	502	0.113	0.105	7.6	46603	504	1.790	1.610	11.2	47420	503	2.880	2.380	21.0
45819	503	0.094	0.087	8.0	46604	502	3.050	2.610	16.9	47420	504	3.210	2.660	20.7
45819	504	0.096	0.090	6.7	46604	503	2.540	2.280	11.4	47469	502	7.180	5.910	21.5
45900	502	0.181	0.148	22.3	46604	504	2.070	1.860	11.3	47469	503	6.270	5.420	15.7
45900	503	0.062	0.054	14.8	46606	502	8.140	6.950	17.1	47469	504	6.200	5.370	15.5
45900	504	0.174	0.151	15.2	46606	503	6.780	6.070	11.7	47471	502	6.220	5.120	21.5
45901	502	0.155	0.127	22.0	46606	504	5.520	4.960	11.3	47471	503	5.430	4.700	15.5
45901	503	0.053	0.046	15.2	46607	502	11.200	9.550	17.3	47471	504	5.370	4.660	15.2
45901	504	0.149	0.130	14.6	46607	503	9.320	8.350	11.6	47473	502	8.140	6.700	21.5
45937	502	0.360	0.280	28.6	46607	504	7.590	6.820	11.3	47473	503	7.110	6.150	15.6
45937	503	0.240	0.196	22.4	46622	502	8.060	7.650	5.4	47473	504	7.020	6.090	15.3
45937	504	0.151	0.124	21.8	46622	503	8.590	8.140	5.5	47474	502	9.100	7.490	21.5
46004	502	45.500	37.400	21.7	46622	504	9.600	9.100	5.5	47474	503	7.940	6.870	15.6
46004	503	39.700	34.300	15.7	46700	502	319.000	249.000	28.1	47474	504	7.850	6.800	15.4

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47475	502	7.180	5.910	21.5	48637	504	15.300	12.700	20.5	49333	503	13.200	10.800	22.2
47475	503	6.270	5.420	15.7	48638	502	7.240	5.690	27.2	49333	504	8.320	6.840	21.6
47475	504	6.200	5.370	15.5	48638	503	6.810	5.620	21.2	49617	502	0.460	0.390	17.9
47476	502	7.180	5.910	21.5	48638	504	7.600	6.290	20.8	49617	503	0.247	0.220	12.3
47476	503	6.270	5.420	15.7	48808	502	2.670	2.190	21.9	49617	504	0.400	0.360	11.1
47476	504	6.200	5.370	15.5	48808	503	0.920	0.790	16.5	49618	502	0.380	0.330	15.2
47477	502	9.580	7.880	21.6	48808	504	2.570	2.230	15.2	49618	503	0.208	0.185	12.4
47477	503	8.360	7.230	15.6	48925	502	349.000	274.000	27.4	49618	504	0.340	0.300	13.3
47477	504	8.260	7.160	15.4	48925	503	328.000	271.000	21.0	49619	502	0.720	0.610	18.0
47478	502	10.100	8.280	22.0	48925	504	366.000	303.000	20.8	49619	503	0.390	0.350	11.4
47478	503	8.780	7.590	15.7	49005	502	0.128	0.122	4.9	49619	504	0.640	0.570	12.3
47478	504	8.670	7.520	15.3	49005	503	0.137	0.129	6.2	49763	502	4.700	3.980	18.1
48039	502	112.000	87.900	27.4	49005	504	0.153	0.145	5.5	49763	503	2.540	2.260	12.4
48039	503	75.200	61.600	22.1	49111	502	4.080	3.350	21.8	49763	504	4.140	3.690	12.2
48039	504	47.500	39.000	21.8	49111	503	1.400	1.210	15.7	49801	502	308.000	241.000	27.8
48206	502	45.400	35.700	27.2	49111	504	3.940	3.420	15.2	49801	503	206.000	169.000	21.9
48206	503	42.700	35.300	21.0	49181	502	36.700	28.700	27.9	49801	504	130.000	107.000	21.5
48206	504	47.700	39.500	20.8	49181	503	24.600	20.100	22.4	49802	502	27.300	21.400	27.6
48441	502	0.191	0.150	27.3	49181	504	15.500	12.800	21.1	49802	503	18.300	15.000	22.0
48441	503	0.179	0.148	20.9	49183	502	44.800	35.000	28.0	49802	504	11.500	9.490	21.2
48441	504	0.200	0.166	20.5	49183	503	30.000	24.600	22.0	49803	502	48.400	37.800	28.0
48557	502	19.100	15.000	27.3	49183	504	18.900	15.600	21.2	49803	503	32.400	26.500	22.3
48557	503	17.900	14.800	20.9	49184	502	94.500	73.900	27.9	49803	504	20.400	16.800	21.4
48557	504	20.000	16.600	20.5	49184	503	63.200	51.800	22.0	49840	502	0.780	0.740	5.4
48558	502	16.600	13.000	27.7	49184	504	39.900	32.800	21.6	49840	503	0.830	0.780	6.4
48558	503	15.600	12.900	20.9	49185	502	86.000	67.300	27.8	49840	504	0.920	0.880	4.5
48558	504	17.400	14.400	20.8	49185	503	57.500	47.100	22.1	49870	502	146.000	115.000	27.0
48600	502	63.100	53.800	17.3	49185	504	36.300	29.900	21.4	49870	503	137.000	113.000	21.2
48600	503	52.500	47.100	11.5	49239	502	0.171	0.159	7.5	49870	504	153.000	127.000	20.5
48600	504	42.800	38.400	11.5	49239	503	0.142	0.132	7.6	50010	502	0.310	0.280	10.7
48636	502	1.800	1.710	5.3	49239	504	0.146	0.135	8.1	50010	503	0.232	0.209	11.0
48636	503	2.030	1.920	5.7	49292	502	2.690	2.100	28.1	50010	504	0.165	0.150	10.0
48636	504	1.580	1.500	5.3	49292	503	1.800	1.470	22.4	50015	502	0.200	0.183	9.3
48637	502	14.600	11.500	27.0	49292	504	1.130	0.930	21.5	50015	503	0.151	0.136	11.0
48637	503	13.700	11.300	21.2	49333	502	19.700	15.400	27.9	50015	504	0.107	0.098	9.2

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LOSS COST % CHANGE BY CLASS

CLASS	TERR	PROPOSED OCCURR	PRESENT OCCURR	% CHG	CLASS	TERR	PROPOSED OCCURR	PRESENT OCCURR	% CHG	CLASS	TERR	PROPOSED OCCURR	PRESENT OCCURR	% CHG
50017	502	0.152	0.139	9.4	51221	504	0.181	0.172	5.2	51300	503	0.145	0.133	9.0
50017	503	0.115	0.103	11.7	51222	502	0.250	0.238	5.0	51300	504	0.139	0.128	8.6
50017	504	0.082	0.074	10.8	51222	503	0.280	0.270	3.7	51305	502	0.135	0.124	8.9
50045	502	0.350	0.320	9.4	51222	504	0.220	0.209	5.3	51305	503	0.145	0.133	9.0
50045	503	0.260	0.236	10.2	51224	502	0.260	0.249	4.4	51305	504	0.139	0.128	8.6
50045	504	0.187	0.170	10.0	51224	503	0.300	0.280	7.1	51315	502	0.111	0.103	7.8
50047	502	0.039	0.036	8.3	51224	504	0.231	0.219	5.5	51315	503	0.092	0.086	7.0
50047	503	0.029	0.027	7.4	51230	502	0.045	0.042	7.1	51315	504	0.095	0.088	8.0
50047	504	0.021	0.019	10.5	51230	503	0.050	0.048	4.2	51330	502	0.110	0.104	5.8
51001	502	0.062	0.059	5.1	51230	504	0.039	0.037	5.4	51330	503	0.124	0.117	6.0
51001	503	0.070	0.066	6.1	51240	502	0.630	0.580	8.6	51330	504	0.097	0.092	5.4
51001	504	0.054	0.052	3.8	51240	503	0.480	0.430	11.6	51333	502	0.036	0.034	5.9
51005	502	0.013	0.012	8.3	51240	504	0.340	0.310	9.7	51333	503	0.041	0.039	5.1
51005	503	0.014	0.014	0.0	51241	502	1.880	1.720	9.3	51333	504	0.032	0.030	6.7
51005	504	0.011	0.011	0.0	51241	503	1.410	1.280	10.2	51340	502	0.052	0.048	8.3
51116	502	0.156	0.148	5.4	51241	504	1.010	0.920	9.8	51340	503	0.039	0.035	11.4
51116	503	0.176	0.167	5.4	51250	502	0.280	0.270	3.7	51340	504	0.028	0.025	12.0
51116	504	0.137	0.130	5.4	51250	503	0.320	0.300	6.7	51350	502	0.227	0.209	8.6
51201	502	0.053	0.048	10.4	51250	504	0.250	0.238	5.0	51350	503	0.244	0.224	8.9
51201	503	0.040	0.036	11.1	51251	502	0.054	0.050	8.0	51350	504	0.234	0.214	9.3
51201	504	0.028	0.026	7.7	51251	503	0.041	0.037	10.8	51351	502	0.203	0.187	8.6
51205	502	0.160	0.147	8.8	51251	504	0.029	0.027	7.4	51351	503	0.219	0.201	9.0
51205	503	0.121	0.109	11.0	51252	502	0.191	0.175	9.1	51351	504	0.209	0.192	8.9
51205	504	0.086	0.078	10.3	51252	503	0.144	0.130	10.8	51352	502	0.280	0.260	7.7
51206	502	0.025	0.023	8.7	51252	504	0.102	0.093	9.7	51352	503	0.300	0.280	7.1
51206	503	0.019	0.017	11.8	51253	502	0.163	0.149	9.4	51352	504	0.290	0.260	11.5
51206	504	0.013	0.012	8.3	51253	503	0.122	0.110	10.9	51355	502	0.190	0.175	8.6
51210	502	0.108	0.103	4.9	51253	504	0.087	0.079	10.1	51355	503	0.204	0.187	9.1
51210	503	0.122	0.116	5.2	51254	502	0.051	0.046	10.9	51355	504	0.196	0.179	9.5
51210	504	0.095	0.090	5.6	51254	503	0.038	0.034	11.8	51356	502	0.204	0.188	8.5
51220	502	0.370	0.350	5.7	51254	504	0.027	0.025	8.0	51356	503	0.220	0.202	8.9
51220	503	0.420	0.400	5.0	51255	502	0.720	0.690	4.3	51356	504	0.211	0.193	9.3
51220	504	0.330	0.310	6.5	51255	503	0.810	0.770	5.2	51357	502	0.158	0.147	7.5
51221	502	0.206	0.195	5.6	51255	504	0.630	0.600	5.0	51357	503	0.131	0.122	7.4
51221	503	0.232	0.220	5.5	51300	502	0.135	0.124	8.9	51357	504	0.134	0.125	7.2

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STATE: 02 - ARIZONA
SUBLINE: PREM/OPS
                                    LOSS COST % CHANGE BY CLASS


            PROPOSED  PRESENT    %                PROPOSED  PRESENT    %                PROPOSED  PRESENT    %
CLASS TERR  OCCURR    OCCURR    CHG    CLASS TERR  OCCURR    OCCURR    CHG    CLASS TERR  OCCURR    OCCURR    CHG
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51358 502    0.380     0.350    8.6    51552 504    0.047     0.042   11.9    51741 503    0.248     0.223   11.2
51358 503    0.310     0.290    6.9    51553 502    0.155     0.142    9.2    51741 504    0.177     0.161    9.9
51358 504    0.320     0.300    6.7    51553 503    0.116     0.105   10.5    51752 502    0.280     0.250   12.0
51359 502    0.330     0.310    6.5    51553 504    0.083     0.076    9.2    51752 503    0.209     0.189   10.6
51359 503    0.280     0.260    7.7    51554 502    0.015     0.013   15.4    51752 504    0.149     0.136    9.6

51359 504    0.280     0.260    7.7    51554 503    0.011     0.010   10.0    51767 502    0.028     0.026    7.7
51370 502    0.620     0.570    8.8    51554 504    0.008     0.007   14.3    51767 503    0.030     0.028    7.1
51370 503    0.460     0.420    9.5    51575 502    0.061     0.056    8.9    51767 504    0.029     0.027    7.4
51370 504    0.330     0.300   10.0    51575 503    0.065     0.060    8.3    51777 502    0.098     0.090    8.9
51380 502    0.062     0.057    8.8    51575 504    0.063     0.057   10.5    51777 503    0.105     0.097    8.2

51380 503    0.046     0.042    9.5    51576 502    0.280     0.250   12.0    51777 504    0.101     0.092    9.8
51380 504    0.033     0.030   10.0    51576 503    0.209     0.189   10.6    51790 502    0.163     0.150    8.7
51400 502    0.260     0.244    6.6    51576 504    0.149     0.136    9.6    51790 503    0.176     0.161    9.3
51400 503    0.290     0.270    7.4    51600 502    0.189     0.173    9.2    51790 504    0.168     0.154    9.1
51400 504    0.226     0.215    5.1    51600 503    0.142     0.128   10.9    51796 502    0.120     0.110    9.1

51401 502    0.380     0.360    5.6    51600 504    0.102     0.092   10.9    51796 503    0.090     0.081   11.1
51401 503    0.430     0.410    4.9    51613 502    0.125     0.114    9.6    51796 504    0.064     0.059    8.5
51401 504    0.330     0.320    3.1    51613 503    0.094     0.085   10.6    51808 502    0.430     0.390   10.3
51500 502    0.117     0.107    9.3    51613 504    0.067     0.061    9.8    51808 503    0.320     0.290   10.3
51500 503    0.088     0.079   11.4    51625 502    0.057     0.054    5.6    51808 504    0.229     0.208   10.1

51500 504    0.063     0.057   10.5    51625 503    0.064     0.061    4.9    51809 502    0.530     0.480   10.4
51516 502    0.057     0.054    5.6    51625 504    0.050     0.047    6.4    51809 503    0.400     0.360   11.1
51516 503    0.060     0.057    5.3    51666 502    0.096     0.089    7.9    51809 504    0.280     0.260    7.7
51516 504    0.067     0.064    4.7    51666 503    0.104     0.095    9.5    51833 502    0.147     0.135    8.9
51517 502    0.064     0.061    4.9    51666 504    0.099     0.091    8.8    51833 503    0.158     0.145    9.0

51517 503    0.068     0.065    4.6    51702 502    0.170     0.161    5.6    51833 504    0.151     0.139    8.6
51517 504    0.076     0.072    5.6    51702 503    0.191     0.182    4.9    51850 502    0.270     0.250    8.0
51550 502    0.144     0.132    9.1    51702 504    0.149     0.142    4.9    51850 503    0.300     0.280    7.1
51550 503    0.109     0.098   11.2    51703 502    0.070     0.067    4.5    51850 504    0.234     0.222    5.4
51550 504    0.078     0.070   11.4    51703 503    0.079     0.075    5.3    51851 502    0.180     0.171    5.3

51551 502    0.050     0.046    8.7    51703 504    0.062     0.059    5.1    51851 503    0.203     0.193    5.2
51551 503    0.038     0.034   11.8    51734 502    0.132     0.125    5.6    51851 504    0.158     0.150    5.3
51551 504    0.027     0.024   12.5    51734 503    0.149     0.141    5.7    51852 502    0.420     0.400    5.0
51552 502    0.087     0.079   10.1    51734 504    0.116     0.110    5.5    51852 503    0.480     0.450    6.7
51552 503    0.065     0.059   10.2    51741 502    0.330     0.300   10.0    51852 504    0.370     0.350    5.7
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STATE: 02 - ARIZONA
SUBLINE: PREM/OPS

LOSS COST % CHANGE BY CLASS

CLASS	TERR	PROPOSED OCCURR	PRESENT OCCURR	% CHG	CLASS	TERR	PROPOSED OCCURR	PRESENT OCCURR	% CHG	CLASS	TERR	PROPOSED OCCURR	PRESENT OCCURR	% CHG
51853	502	0.170	0.161	5.6	51919	504	0.071	0.064	10.9	51982	503	0.059	0.053	11.3
51853	503	0.191	0.182	4.9	51926	502	0.135	0.123	9.8	51982	504	0.042	0.038	10.5
51853	504	0.149	0.142	4.9	51926	503	0.101	0.091	11.0	51985	502	0.053	0.050	6.0
51854	502	0.380	0.360	5.6	51926	504	0.072	0.066	9.1	51985	503	0.056	0.053	5.7
51854	503	0.430	0.410	4.9	51927	502	0.073	0.067	9.0	51985	504	0.063	0.060	5.0
51854	504	0.330	0.320	3.1	51927	503	0.055	0.049	12.2	51986	502	0.310	0.280	10.7
51855	502	0.400	0.380	5.3	51927	504	0.039	0.036	8.3	51986	503	0.232	0.209	11.0
51855	503	0.450	0.430	4.7	51934	502	0.147	0.135	8.9	51986	504	0.165	0.150	10.0
51855	504	0.350	0.330	6.1	51934	503	0.111	0.100	11.0	51999	502	0.130	0.119	9.2
51856	502	0.220	0.208	5.8	51934	504	0.079	0.072	9.7	51999	503	0.098	0.088	11.4
51856	503	0.247	0.235	5.1	51941	502	0.134	0.123	8.9	51999	504	0.070	0.063	11.1
51856	504	0.193	0.183	5.5	51941	503	0.101	0.091	11.0	52002	502	0.114	0.104	9.6
51857	502	0.380	0.360	5.6	51941	504	0.072	0.065	10.8	52002	503	0.086	0.077	11.7
51857	503	0.420	0.400	5.0	51942	502	0.214	0.196	9.2	52002	504	0.061	0.056	8.9
51857	504	0.330	0.310	6.5	51942	503	0.161	0.145	11.0	52075	502	0.209	0.199	5.0
51869	502	0.141	0.129	9.3	51942	504	0.115	0.104	10.6	52075	503	0.236	0.224	5.4
51869	503	0.106	0.096	10.4	51956	502	0.580	0.530	9.4	52075	504	0.184	0.175	5.1
51869	504	0.076	0.069	10.1	51956	503	0.440	0.390	12.8	52076	502	0.250	0.239	4.6
51877	502	0.800	0.730	9.6	51956	504	0.310	0.280	10.7	52076	503	0.280	0.270	3.7
51877	503	0.600	0.540	11.1	51957	502	0.510	0.470	8.5	52076	504	0.222	0.210	5.7
51877	504	0.430	0.390	10.3	51957	503	0.380	0.350	8.6	52109	502	0.029	0.026	11.5
51889	502	0.131	0.120	9.2	51957	504	0.270	0.249	8.4	52109	503	0.022	0.020	10.0
51889	503	0.099	0.089	11.2	51958	502	0.450	0.410	9.8	52109	504	0.015	0.014	7.1
51889	504	0.070	0.064	9.4	51958	503	0.340	0.310	9.7	52134	502	0.380	0.350	8.6
51896	502	0.061	0.056	8.9	51958	504	0.243	0.221	10.0	52134	503	0.290	0.260	11.5
51896	503	0.046	0.042	9.5	51959	502	0.460	0.420	9.5	52134	504	0.205	0.186	10.2
51896	504	0.033	0.030	10.0	51959	503	0.350	0.310	12.9	52137	502	0.082	0.078	5.1
51900	502	0.110	0.101	8.9	51959	504	0.249	0.226	10.2	52137	503	0.093	0.088	5.7
51900	503	0.118	0.108	9.3	51960	502	0.061	0.056	8.9	52137	504	0.072	0.069	4.3
51900	504	0.113	0.104	8.7	51960	503	0.046	0.042	9.5	52150	502	0.700	0.640	9.4
51909	502	0.240	0.228	5.3	51960	504	0.033	0.030	10.0	52150	503	0.530	0.480	10.4
51909	503	0.270	0.260	3.8	51970	502	0.270	0.243	11.1	52150	504	0.380	0.340	11.8
51909	504	0.211	0.200	5.5	51970	503	0.200	0.181	10.5	52315	502	0.127	0.117	8.5
51919	502	0.132	0.121	9.1	51970	504	0.143	0.130	10.0	52315	503	0.137	0.126	8.7
51919	503	0.099	0.090	10.0	51982	502	0.078	0.072	8.3	52315	504	0.131	0.121	8.3

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LOSS COST % CHANGE BY CLASS

CLASS	TERR	PROPOSED OCCURR	PRESENT OCCURR	% CHG	CLASS	TERR	PROPOSED OCCURR	PRESENT OCCURR	% CHG	CLASS	TERR	PROPOSED OCCURR	PRESENT OCCURR	% CHG
52341	502	0.051	0.049	4.1	52469	504	0.032	0.029	10.3	53095	503	0.074	0.067	10.4
52341	503	0.058	0.055	5.5	52505	502	0.300	0.270	11.1	53095	504	0.053	0.048	10.4
52341	504	0.045	0.043	4.7	52505	503	0.225	0.203	10.8	53096	502	0.137	0.125	9.6
52342	502	0.149	0.142	4.9	52505	504	0.160	0.146	9.6	53096	503	0.103	0.093	10.8
52342	503	0.168	0.160	5.0	52547	502	0.244	0.231	5.6	53096	504	0.074	0.067	10.4
52342	504	0.131	0.125	4.8	52547	503	0.270	0.260	3.8	53121	502	0.390	0.360	8.3
52343	502	0.091	0.086	5.8	52547	504	0.214	0.203	5.4	53121	503	0.290	0.260	11.5
52343	503	0.102	0.097	5.2	52581	502	1.460	1.330	9.8	53121	504	0.209	0.190	10.0
52343	504	0.080	0.076	5.3	52581	503	1.100	0.990	11.1	53147	502	0.038	0.036	5.6
52401	502	0.280	0.270	3.7	52581	504	0.780	0.710	9.9	53147	503	0.043	0.040	7.5
52401	503	0.320	0.300	6.7	52619	502	0.102	0.093	9.7	53147	504	0.033	0.031	6.5
52401	504	0.247	0.235	5.1	52619	503	0.077	0.069	11.6	53229	502	0.211	0.200	5.5
52402	502	0.029	0.026	11.5	52619	504	0.055	0.050	10.0	53229	503	0.238	0.226	5.3
52402	503	0.022	0.020	10.0	52660	502	0.067	0.064	4.7	53229	504	0.186	0.176	5.7
52402	504	0.015	0.014	7.1	52660	503	0.072	0.068	5.9	53271	502	0.073	0.067	9.0
52432	502	0.143	0.130	10.0	52660	504	0.080	0.076	5.3	53271	503	0.055	0.050	10.0
52432	503	0.107	0.097	10.3	52744	502	0.560	0.520	7.7	53271	504	0.039	0.036	8.3
52432	504	0.077	0.070	10.0	52744	503	0.600	0.560	7.1	53333	502	0.208	0.197	5.6
52433	502	0.130	0.119	9.2	52744	504	0.580	0.530	9.4	53333	503	0.234	0.222	5.4
52433	503	0.098	0.088	11.4	52767	502	0.223	0.212	5.2	53333	504	0.183	0.173	5.8
52433	504	0.070	0.064	9.4	52767	503	0.250	0.238	5.0	53374	502	0.148	0.136	8.8
52435	502	0.163	0.149	9.4	52767	504	0.196	0.186	5.4	53374	503	0.160	0.146	9.6
52435	503	0.123	0.111	10.8	52911	502	0.081	0.074	9.5	53374	504	0.153	0.140	9.3
52435	504	0.088	0.080	10.0	52911	503	0.061	0.055	10.9	53375	502	0.079	0.072	9.7
52438	502	0.118	0.108	9.3	52911	504	0.044	0.040	10.0	53375	503	0.085	0.078	9.0
52438	503	0.089	0.080	11.3	52967	502	0.031	0.028	10.7	53375	504	0.081	0.074	9.5
52438	504	0.063	0.058	8.6	52967	503	0.023	0.021	9.5	53376	502	0.126	0.116	8.6
52440	502	0.185	0.170	8.8	52967	504	0.016	0.015	6.7	53376	503	0.136	0.124	9.7
52440	503	0.139	0.126	10.3	53001	502	0.300	0.270	11.1	53376	504	0.130	0.119	9.2
52440	504	0.100	0.090	11.1	53001	503	0.225	0.203	10.8	53377	502	0.129	0.119	8.4
52467	502	0.171	0.157	8.9	53001	504	0.161	0.146	10.3	53377	503	0.139	0.127	9.4
52467	503	0.129	0.116	11.2	53077	502	0.144	0.132	9.1	53377	504	0.133	0.122	9.0
52467	504	0.092	0.084	9.5	53077	503	0.108	0.098	10.2	53403	502	0.082	0.075	9.3
52469	502	0.060	0.055	9.1	53077	504	0.077	0.070	10.0	53403	503	0.088	0.081	8.6
52469	503	0.045	0.041	9.8	53095	502	0.099	0.090	10.0	53403	504	0.084	0.077	9.1

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LOSS COST % CHANGE BY CLASS

CLASS	TERR	PROPOSED OCCURR	PRESENT OCCURR	% CHG	CLASS	TERR	PROPOSED OCCURR	PRESENT OCCURR	% CHG	CLASS	TERR	PROPOSED OCCURR	PRESENT OCCURR	% CHG
53425	502	0.196	0.186	5.4	54077	504	0.105	0.096	9.4	55715	503	0.230	0.208	10.6
53425	503	0.220	0.209	5.3	55010	502	0.590	0.540	9.3	55715	504	0.164	0.149	10.1
53425	504	0.172	0.163	5.5	55010	503	0.440	0.400	10.0	55716	502	0.440	0.400	10.0
53565	502	0.095	0.087	9.2	55010	504	0.320	0.290	10.3	55716	503	0.330	0.300	10.0
53565	503	0.102	0.094	8.5	55011	502	0.160	0.146	9.6	55716	504	0.238	0.216	10.2
53565	504	0.098	0.090	8.9	55011	503	0.120	0.108	11.1	55717	502	0.280	0.270	3.7
53631	502	0.045	0.041	9.8	55011	504	0.086	0.078	10.3	55717	503	0.320	0.300	6.7
53631	503	0.034	0.031	9.7	55012	502	0.190	0.174	9.2	55717	504	0.249	0.236	5.5
53631	504	0.024	0.022	9.1	55012	503	0.143	0.129	10.9	55718	502	0.270	0.260	3.8
53632	502	0.052	0.048	8.3	55012	504	0.102	0.093	9.7	55718	503	0.310	0.290	6.9
53632	503	0.039	0.035	11.4	55013	502	0.177	0.168	5.4	55718	504	0.241	0.229	5.2
53632	504	0.028	0.025	12.0	55013	503	0.199	0.189	5.3	55802	502	0.098	0.090	8.9
53731	502	0.048	0.044	9.1	55013	504	0.155	0.147	5.4	55802	503	0.105	0.097	8.2
53731	503	0.036	0.032	12.5	55214	502	0.154	0.141	9.2	55802	504	0.101	0.092	9.8
53731	504	0.026	0.023	13.0	55214	503	0.116	0.105	10.5	55918	502	0.175	0.160	9.4
53732	502	0.330	0.300	10.0	55214	504	0.083	0.075	10.7	55918	503	0.132	0.119	10.9
53732	503	0.245	0.221	10.9	55371	502	0.380	0.350	8.6	55918	504	0.094	0.085	10.6
53732	504	0.175	0.159	10.1	55371	503	0.410	0.370	10.8	55919	502	0.024	0.022	9.1
53733	502	0.212	0.194	9.3	55371	504	0.390	0.360	8.3	55919	503	0.018	0.016	12.5
53733	503	0.159	0.144	10.4	55426	502	0.214	0.203	5.4	55919	504	0.013	0.012	8.3
53733	504	0.114	0.103	10.7	55426	503	0.242	0.229	5.7	56040	502	0.017	0.015	13.3
53734	502	0.340	0.320	6.3	55426	504	0.189	0.179	5.6	56040	503	0.012	0.011	9.1
53734	503	0.360	0.340	5.9	55597	502	0.039	0.035	11.4	56040	504	0.009	0.008	12.5
53734	504	0.400	0.380	5.3	55597	503	0.029	0.026	11.5	56041	502	0.109	0.100	9.0
53803	502	0.470	0.440	6.8	55597	504	0.021	0.019	10.5	56041	503	0.082	0.074	10.8
53803	503	0.530	0.500	6.0	55647	502	0.077	0.071	8.5	56041	504	0.058	0.053	9.4
53803	504	0.410	0.390	5.1	55647	503	0.058	0.052	11.5	56042	502	0.137	0.125	9.6
53907	502	0.143	0.131	9.2	55647	504	0.041	0.038	7.9	56042	503	0.103	0.093	10.8
53907	503	0.108	0.097	11.3	55648	502	0.035	0.032	9.4	56042	504	0.074	0.067	10.4
53907	504	0.077	0.070	10.0	55648	503	0.026	0.024	8.3	56170	502	0.192	0.182	5.5
54012	502	0.034	0.032	6.3	55648	504	0.019	0.017	11.8	56170	503	0.216	0.205	5.4
54012	503	0.036	0.034	5.9	55649	502	0.042	0.038	10.5	56170	504	0.169	0.160	5.6
54012	504	0.040	0.038	5.3	55649	503	0.031	0.028	10.7	56171	502	0.094	0.090	4.4
54077	502	0.196	0.179	9.5	55649	504	0.022	0.020	10.0	56171	503	0.106	0.101	5.0
54077	503	0.147	0.133	10.5	55715	502	0.310	0.280	10.7	56171	504	0.083	0.079	5.1

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LOSS COST % CHANGE BY CLASS

CLASS	TERR	PROPOSED OCCURR	PRESENT OCCURR	% CHG	CLASS	TERR	PROPOSED OCCURR	PRESENT OCCURR	% CHG	CLASS	TERR	PROPOSED OCCURR	PRESENT OCCURR	% CHG
56202	502	0.109	0.100	9.0	56690	504	0.087	0.080	8.7	56912	503	0.157	0.149	5.4
56202	503	0.082	0.074	10.8	56699	502	0.121	0.111	9.0	56912	504	0.122	0.116	5.2
56202	504	0.058	0.053	9.4	56699	503	0.091	0.082	11.0	56913	502	0.113	0.107	5.6
56390	502	0.190	0.174	9.2	56699	504	0.065	0.059	10.2	56913	503	0.128	0.121	5.8
56390	503	0.143	0.129	10.9	56758	502	0.103	0.094	9.6	56913	504	0.100	0.094	6.4
56390	504	0.102	0.093	9.7	56758	503	0.077	0.070	10.0	56915	502	0.670	0.640	4.7
56391	502	0.163	0.149	9.4	56758	504	0.055	0.050	10.0	56915	503	0.760	0.720	5.6
56391	503	0.123	0.111	10.8	56759	502	0.105	0.096	9.4	56915	504	0.590	0.560	5.4
56391	504	0.088	0.080	10.0	56759	503	0.079	0.071	11.3	56916	502	0.610	0.570	7.0
56427	502	0.260	0.241	7.9	56759	504	0.057	0.051	11.8	56916	503	0.680	0.650	4.6
56427	503	0.198	0.179	10.6	56760	502	0.151	0.138	9.4	56916	504	0.530	0.510	3.9
56427	504	0.141	0.128	10.2	56760	503	0.114	0.103	10.7	56917	502	0.175	0.166	5.4
56488	502	0.163	0.150	8.7	56760	504	0.081	0.074	9.5	56917	503	0.197	0.187	5.3
56488	503	0.176	0.161	9.3	56805	502	0.199	0.182	9.3	56917	504	0.154	0.146	5.5
56488	504	0.168	0.154	9.1	56805	503	0.150	0.135	11.1	56918	502	0.084	0.080	5.0
56567	502	0.199	0.189	5.3	56805	504	0.107	0.097	10.3	56918	503	0.095	0.090	5.6
56567	503	0.224	0.213	5.2	56806	502	0.141	0.129	9.3	56918	504	0.074	0.070	5.7
56567	504	0.175	0.166	5.4	56806	503	0.106	0.096	10.4	56919	502	0.214	0.203	5.4
56650	502	0.610	0.580	5.2	56806	504	0.076	0.069	10.1	56919	503	0.242	0.229	5.7
56650	503	0.690	0.650	6.2	56807	502	0.140	0.128	9.4	56919	504	0.189	0.179	5.6
56650	504	0.540	0.510	5.9	56807	503	0.105	0.095	10.5	56920	502	0.196	0.186	5.4
56651	502	0.330	0.310	6.5	56807	504	0.075	0.068	10.3	56920	503	0.220	0.209	5.3
56651	503	0.370	0.350	5.7	56808	502	0.182	0.167	9.0	56920	504	0.172	0.163	5.5
56651	504	0.290	0.280	3.6	56808	503	0.137	0.124	10.5	56980	502	0.152	0.139	9.4
56652	502	0.237	0.225	5.3	56808	504	0.098	0.089	10.1	56980	503	0.114	0.103	10.7
56652	503	0.270	0.250	8.0	56900	502	0.175	0.160	9.4	56980	504	0.081	0.074	9.5
56652	504	0.208	0.198	5.1	56900	503	0.132	0.119	10.9	57001	502	0.052	0.048	8.3
56653	502	0.228	0.217	5.1	56900	504	0.094	0.085	10.6	57001	503	0.039	0.035	11.4
56653	503	0.260	0.244	6.6	56910	502	0.088	0.080	10.0	57001	504	0.028	0.025	12.0
56653	504	0.201	0.190	5.8	56910	503	0.066	0.059	11.9	57002	502	0.034	0.031	9.7
56654	502	0.117	0.111	5.4	56910	504	0.047	0.043	9.3	57002	503	0.025	0.023	8.7
56654	503	0.131	0.125	4.8	56911	502	0.172	0.163	5.5	57002	504	0.018	0.016	12.5
56654	504	0.103	0.097	6.2	56911	503	0.193	0.183	5.5	57090	502	0.310	0.300	3.3
56690	502	0.084	0.078	7.7	56911	504	0.151	0.143	5.6	57090	503	0.350	0.340	2.9
56690	503	0.091	0.083	9.6	56912	502	0.139	0.132	5.3	57090	504	0.280	0.260	7.7

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LOSS COST % CHANGE BY CLASS

CLASS	TERR	PROPOSED OCCURR	PRESENT OCCURR	% CHG	CLASS	TERR	PROPOSED OCCURR	PRESENT OCCURR	% CHG	CLASS	TERR	PROPOSED OCCURR	PRESENT OCCURR	% CHG
57146	502	0.199	0.189	5.3	57651	504	0.046	0.042	9.5	57997	503	0.080	0.076	5.3
57146	503	0.224	0.213	5.2	57690	502	0.134	0.127	5.5	57997	504	0.090	0.085	5.9
57146	504	0.175	0.166	5.4	57690	503	0.151	0.143	5.6	57998	502	0.093	0.085	9.4
57202	502	0.135	0.123	9.8	57690	504	0.118	0.112	5.4	57998	503	0.070	0.063	11.1
57202	503	0.101	0.091	11.0	57716	502	0.063	0.060	5.0	57998	504	0.050	0.045	11.1
57202	504	0.072	0.066	9.1	57716	503	0.071	0.068	4.4	57999	502	0.088	0.083	6.0
57257	502	0.167	0.153	9.2	57716	504	0.056	0.053	5.7	57999	503	0.099	0.094	5.3
57257	503	0.126	0.113	11.5	57725	502	0.139	0.132	5.3	57999	504	0.077	0.073	5.5
57257	504	0.090	0.082	9.8	57725	503	0.157	0.149	5.4	58009	502	0.088	0.083	6.0
57401	502	0.095	0.087	9.2	57725	504	0.122	0.116	5.2	58009	503	0.099	0.094	5.3
57401	503	0.071	0.064	10.9	57726	502	0.108	0.103	4.9	58009	504	0.077	0.073	5.5
57401	504	0.051	0.046	10.9	57726	503	0.122	0.116	5.2	58010	502	0.216	0.198	9.1
57403	502	0.200	0.184	8.7	57726	504	0.095	0.090	5.6	58010	503	0.163	0.147	10.9
57403	503	0.215	0.198	8.6	57798	502	0.043	0.040	7.5	58010	504	0.116	0.105	10.5
57403	504	0.206	0.189	9.0	57798	503	0.033	0.029	13.8	58020	502	0.215	0.198	8.6
57410	502	0.046	0.042	9.5	57798	504	0.023	0.021	9.5	58020	503	0.231	0.212	9.0
57410	503	0.035	0.031	12.9	57800	502	0.162	0.148	9.5	58020	504	0.222	0.203	9.4
57410	504	0.025	0.022	13.6	57800	503	0.122	0.110	10.9	58056	502	0.260	0.236	10.2
57411	502	0.048	0.046	4.3	57800	504	0.087	0.079	10.1	58056	503	0.194	0.175	10.9
57411	503	0.054	0.051	5.9	57808	502	0.053	0.050	6.0	58056	504	0.138	0.126	9.5
57411	504	0.042	0.040	5.0	57808	503	0.060	0.057	5.3	58057	502	0.162	0.148	9.5
57572	502	0.027	0.025	8.0	57808	504	0.047	0.044	6.8	58057	503	0.122	0.110	10.9
57572	503	0.020	0.018	11.1	57809	502	0.055	0.052	5.8	58057	504	0.087	0.079	10.1
57572	504	0.014	0.013	7.7	57809	503	0.062	0.059	5.1	58058	502	0.146	0.133	9.8
57600	502	0.080	0.073	9.6	57809	504	0.048	0.046	4.3	58058	503	0.110	0.099	11.1
57600	503	0.060	0.054	11.1	57810	502	0.053	0.050	6.0	58058	504	0.078	0.071	9.9
57600	504	0.043	0.039	10.3	57810	503	0.060	0.057	5.3	58095	502	0.205	0.188	9.0
57611	502	0.103	0.098	5.1	57810	504	0.047	0.044	6.8	58095	503	0.154	0.139	10.8
57611	503	0.116	0.110	5.5	57871	502	0.063	0.060	5.0	58095	504	0.110	0.100	10.0
57611	504	0.090	0.086	4.7	57871	503	0.071	0.068	4.4	58096	502	0.270	0.249	8.4
57625	502	0.710	0.640	10.9	57871	504	0.056	0.053	5.7	58096	503	0.205	0.185	10.8
57625	503	0.530	0.480	10.4	57913	502	0.210	0.192	9.4	58096	504	0.146	0.133	9.8
57625	504	0.380	0.340	11.8	57913	503	0.158	0.142	11.3	58301	502	0.067	0.063	6.3
57651	502	0.086	0.078	10.3	57913	504	0.113	0.102	10.8	58301	503	0.075	0.072	4.2
57651	503	0.064	0.058	10.3	57997	502	0.075	0.072	4.2	58301	504	0.059	0.056	5.4

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LOSS COST % CHANGE BY CLASS

CLASS	TERR	PROPOSED OCCURR	PRESENT OCCURR	% CHG	CLASS	TERR	PROPOSED OCCURR	PRESENT OCCURR	% CHG	CLASS	TERR	PROPOSED OCCURR	PRESENT OCCURR	% CHG
58302	502	0.073	0.067	9.0	58560	504	0.039	0.035	11.4	58822	503	0.189	0.170	11.2
58302	503	0.055	0.050	10.0	58575	502	0.093	0.085	9.4	58822	504	0.135	0.122	10.7
58302	504	0.039	0.036	8.3	58575	503	0.070	0.063	11.1	58837	502	0.410	0.390	5.1
58397	502	0.430	0.390	10.3	58575	504	0.050	0.045	11.1	58837	503	0.460	0.430	7.0
58397	503	0.320	0.290	10.3	58627	502	0.300	0.270	11.1	58837	504	0.360	0.340	5.9
58397	504	0.229	0.208	10.1	58627	503	0.225	0.203	10.8	58840	502	0.122	0.116	5.2
58408	502	0.044	0.042	4.8	58627	504	0.160	0.146	9.6	58840	503	0.137	0.130	5.4
58408	503	0.047	0.045	4.4	58663	502	0.440	0.420	4.8	58840	504	0.107	0.102	4.9
58408	504	0.053	0.050	6.0	58663	503	0.500	0.470	6.4	58873	502	0.194	0.184	5.4
58409	502	0.057	0.054	5.6	58663	504	0.390	0.370	5.4	58873	503	0.218	0.207	5.3
58409	503	0.060	0.057	5.3	58682	502	0.270	0.243	11.1	58873	504	0.170	0.162	4.9
58409	504	0.067	0.064	4.7	58682	503	0.200	0.180	11.1	58903	502	0.058	0.053	9.4
58456	502	0.030	0.029	3.4	58682	504	0.143	0.130	10.0	58903	503	0.043	0.039	10.3
58456	503	0.032	0.030	6.7	58713	502	0.062	0.057	8.8	58903	504	0.031	0.028	10.7
58456	504	0.036	0.034	5.9	58713	503	0.067	0.062	8.1	58904	502	0.044	0.040	10.0
58457	502	0.044	0.042	4.8	58713	504	0.064	0.059	8.5	58904	503	0.033	0.030	10.0
58457	503	0.047	0.044	6.8	58737	502	0.193	0.176	9.7	58904	504	0.024	0.021	14.3
58457	504	0.052	0.049	6.1	58737	503	0.145	0.131	10.7	58922	502	0.320	0.310	3.2
58458	502	0.057	0.054	5.6	58737	504	0.103	0.094	9.6	58922	503	0.360	0.340	5.9
58458	503	0.060	0.057	5.3	58756	502	0.082	0.078	5.1	58922	504	0.280	0.270	3.7
58458	504	0.067	0.064	4.7	58756	503	0.093	0.088	5.7	59005	502	0.109	0.100	9.0
58459	502	0.068	0.064	6.3	58756	504	0.072	0.069	4.3	59005	503	0.082	0.074	10.8
58459	503	0.072	0.068	5.9	58757	502	0.650	0.590	10.2	59005	504	0.058	0.053	9.4
58459	504	0.081	0.077	5.2	58757	503	0.490	0.440	11.4	59057	502	0.810	0.740	9.5
58503	502	0.114	0.104	9.6	58757	504	0.350	0.320	9.4	59057	503	0.610	0.550	10.9
58503	503	0.086	0.077	11.7	58759	502	0.080	0.073	9.6	59057	504	0.430	0.390	10.3
58503	504	0.061	0.056	8.9	58759	503	0.060	0.054	11.1	59058	502	0.520	0.480	8.3
58532	502	0.147	0.134	9.7	58759	504	0.043	0.039	10.3	59058	503	0.390	0.350	11.4
58532	503	0.110	0.100	10.0	58802	502	0.091	0.083	9.6	59058	504	0.280	0.250	12.0
58532	504	0.079	0.072	9.7	58802	503	0.069	0.062	11.3	59188	502	0.430	0.390	10.3
58559	502	0.030	0.027	11.1	58802	504	0.049	0.044	11.4	59188	503	0.460	0.420	9.5
58559	503	0.023	0.020	15.0	58813	502	0.202	0.192	5.2	59188	504	0.440	0.400	10.0
58559	504	0.016	0.015	6.7	58813	503	0.228	0.216	5.6	59189	502	0.590	0.540	9.3
58560	502	0.072	0.066	9.1	58813	504	0.178	0.169	5.3	59189	503	0.630	0.580	8.6
58560	503	0.054	0.049	10.2	58822	502	0.250	0.229	9.2	59189	504	0.600	0.550	9.1

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59223	502	0.201	0.190	5.8	59693	504	0.015	0.014	7.1	59774	503	0.022	0.021	4.8
59223	503	0.226	0.215	5.1	59701	502	0.013	0.012	8.3	59774	504	0.021	0.020	5.0
59223	504	0.176	0.167	5.4	59701	503	0.010	0.009	11.1	59775	502	0.027	0.025	8.0
59257	502	0.029	0.027	7.4	59701	504	0.007	0.007	0.0	59775	503	0.029	0.026	11.5
59257	503	0.022	0.020	10.0	59713	502	0.310	0.280	10.7	59775	504	0.028	0.025	12.0
59257	504	0.016	0.014	14.3	59713	503	0.231	0.209	10.5	59781	502	0.091	0.086	5.8
59306	502	0.184	0.168	9.5	59713	504	0.165	0.150	10.0	59781	503	0.102	0.097	5.2
59306	503	0.139	0.125	11.2	59722	502	0.159	0.146	8.9	59781	504	0.080	0.076	5.3
59306	504	0.099	0.090	10.0	59722	503	0.120	0.108	11.1	59782	502	0.136	0.129	5.4
59378	502	0.130	0.124	4.8	59722	504	0.085	0.078	9.0	59782	503	0.153	0.145	5.5
59378	503	0.147	0.139	5.8	59723	502	0.060	0.055	9.1	59782	504	0.119	0.113	5.3
59378	504	0.115	0.109	5.5	59723	503	0.045	0.041	9.8	59783	502	0.132	0.125	5.6
59481	502	0.500	0.450	11.1	59723	504	0.032	0.029	10.3	59783	503	0.149	0.141	5.7
59481	503	0.370	0.340	8.8	59724	502	0.092	0.084	9.5	59783	504	0.116	0.110	5.5
59481	504	0.270	0.242	11.6	59724	503	0.069	0.062	11.3	59784	502	0.101	0.096	5.2
59482	502	0.440	0.410	7.3	59724	504	0.049	0.045	8.9	59784	503	0.114	0.108	5.6
59482	503	0.480	0.440	9.1	59725	502	0.114	0.105	8.6	59784	504	0.089	0.084	6.0
59482	504	0.460	0.420	9.5	59725	503	0.086	0.078	10.3	59790	502	0.205	0.188	9.0
59537	502	0.141	0.133	6.0	59725	504	0.061	0.056	8.9	59790	503	0.154	0.139	10.8
59537	503	0.158	0.150	5.3	59726	502	0.083	0.076	9.2	59790	504	0.110	0.100	10.0
59537	504	0.124	0.117	6.0	59726	503	0.063	0.056	12.5	59798	502	0.340	0.330	3.0
59601	502	0.187	0.171	9.4	59726	504	0.045	0.041	9.8	59798	503	0.390	0.370	5.4
59601	503	0.140	0.127	10.2	59738	502	0.270	0.243	11.1	59798	504	0.300	0.290	3.4
59601	504	0.100	0.091	9.9	59738	503	0.200	0.180	11.1	59806	502	0.247	0.234	5.6
59647	502	0.199	0.183	8.7	59738	504	0.143	0.130	10.0	59806	503	0.280	0.260	7.7
59647	503	0.214	0.196	9.2	59750	502	0.105	0.099	6.1	59806	504	0.217	0.206	5.3
59647	504	0.205	0.188	9.0	59750	503	0.118	0.112	5.4	59867	502	0.231	0.211	9.5
59660	502	0.340	0.310	9.7	59750	504	0.092	0.087	5.7	59867	503	0.174	0.157	10.8
59660	503	0.260	0.233	11.6	59751	502	0.038	0.036	5.6	59867	504	0.124	0.113	9.7
59660	504	0.184	0.167	10.2	59751	503	0.043	0.040	7.5	59886	502	0.031	0.029	6.9
59661	502	0.168	0.154	9.1	59751	504	0.033	0.031	6.5	59886	503	0.023	0.021	9.5
59661	503	0.127	0.114	11.4	59773	502	0.025	0.023	8.7	59886	504	0.017	0.015	13.3
59661	504	0.090	0.082	9.8	59773	503	0.027	0.025	8.0	59889	502	0.083	0.076	9.2
59693	502	0.028	0.026	7.7	59773	504	0.026	0.024	8.3	59889	503	0.089	0.082	8.5
59693	503	0.021	0.019	10.5	59774	502	0.021	0.019	10.5	59889	504	0.086	0.078	10.3

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59892	502	0.132	0.125	5.6	59932	504	0.220	0.200	10.0	59986	503	0.145	0.130	11.5
59892	503	0.149	0.141	5.7	59941	502	0.128	0.117	9.4	59986	504	0.103	0.094	9.6
59892	504	0.116	0.110	5.5	59941	503	0.096	0.087	10.3	59988	502	0.043	0.041	4.9
59904	502	0.089	0.085	4.7	59941	504	0.069	0.062	11.3	59988	503	0.048	0.046	4.3
59904	503	0.100	0.095	5.3	59947	502	0.089	0.085	4.7	59988	504	0.038	0.036	5.6
59904	504	0.078	0.074	5.4	59947	503	0.100	0.095	5.3	59989	502	0.034	0.031	9.7
59905	502	0.144	0.132	9.1	59947	504	0.078	0.074	5.4	59989	503	0.025	0.023	8.7
59905	503	0.109	0.098	11.2	59955	502	0.049	0.045	8.9	59989	504	0.018	0.016	12.5
59905	504	0.078	0.070	11.4	59955	503	0.037	0.033	12.1	60010	502	23.400	19.900	17.6
59914	502	0.850	0.780	9.0	59955	504	0.026	0.024	8.3	60010	503	17.000	15.200	11.8
59914	503	0.640	0.580	10.3	59963	502	0.360	0.330	9.1	60010	504	17.100	15.300	11.8
59914	504	0.460	0.410	12.2	59963	503	0.270	0.247	9.3	60011	502	26.900	22.900	17.5
59915	502	0.300	0.280	7.1	59963	504	0.195	0.178	9.6	60011	503	19.600	17.500	12.0
59915	503	0.330	0.320	3.1	59964	502	0.850	0.780	9.0	60011	504	19.600	17.600	11.4
59915	504	0.260	0.248	4.8	59964	503	0.640	0.580	10.3	60012	502	44.200	37.700	17.2
59917	502	0.055	0.052	5.8	59964	504	0.460	0.420	9.5	60012	503	32.200	28.700	12.2
59917	503	0.062	0.059	5.1	59970	502	0.120	0.114	5.3	60012	504	32.300	29.000	11.4
59917	504	0.048	0.046	4.3	59970	503	0.135	0.128	5.5	60013	502	37.900	32.300	17.3
59923	502	0.021	0.019	10.5	59970	504	0.106	0.100	6.0	60013	503	27.600	24.600	12.2
59923	503	0.016	0.014	14.3	59973	502	0.235	0.215	9.3	60013	504	27.700	24.900	11.2
59923	504	0.011	0.010	10.0	59973	503	0.177	0.160	10.6	60015	502	28.300	24.100	17.4
59925	502	0.340	0.320	6.3	59973	504	0.126	0.115	9.6	60015	503	20.600	18.400	12.0
59925	503	0.280	0.260	7.7	59975	502	0.168	0.160	5.0	60015	504	20.700	18.600	11.3
59925	504	0.290	0.270	7.4	59975	503	0.189	0.180	5.0	60016	502	31.800	27.100	17.3
59926	502	0.290	0.270	7.4	59975	504	0.148	0.140	5.7	60016	503	23.100	20.700	11.6
59926	503	0.241	0.224	7.6	59977	502	0.096	0.091	5.5	60016	504	23.200	20.900	11.0
59926	504	0.248	0.230	7.8	59977	503	0.108	0.103	4.9	60035	502	37.800	32.300	17.0
59927	502	0.195	0.182	7.1	59977	504	0.084	0.080	5.0	60035	503	31.500	28.200	11.7
59927	503	0.162	0.151	7.3	59984	502	0.064	0.059	8.5	60035	504	25.700	23.000	11.7
59927	504	0.166	0.155	7.1	59984	503	0.048	0.044	9.1	61000	502	23.200	19.700	17.8
59931	502	0.380	0.350	8.6	59984	504	0.034	0.031	9.7	61000	503	16.800	15.000	12.0
59931	503	0.290	0.260	11.5	59985	502	0.250	0.230	8.7	61000	504	16.900	15.200	11.2
59931	504	0.205	0.186	10.2	59985	503	0.189	0.171	10.5	61212	502	19.300	17.400	10.9
59932	502	0.410	0.380	7.9	59985	504	0.135	0.123	9.8	61212	503	16.200	15.200	6.6
59932	503	0.310	0.280	10.7	59986	502	0.192	0.176	9.1	61212	504	13.100	12.400	5.6

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LOSS COST % CHANGE BY CLASS

CLASS	TERR	PROPOSED OCCURR	PRESENT OCCURR	% CHG	CLASS	TERR	PROPOSED OCCURR	PRESENT OCCURR	% CHG	CLASS	TERR	PROPOSED OCCURR	PRESENT OCCURR	% CHG
61216	502	21.500	19.300	11.4	62003	504	11.300	10.200	10.8	66122	503	12.000	10.800	11.1
61216	503	17.900	16.900	5.9	63010	502	42.100	35.900	17.3	66122	504	9.790	8.800	11.2
61216	504	14.500	13.800	5.1	63010	503	30.600	27.300	12.1	66123	502	7.930	6.770	17.1
61217	502	19.500	17.500	11.4	63010	504	30.800	27.600	11.6	66123	503	6.610	5.920	11.7
61217	503	16.200	15.300	5.9	63011	502	52.700	44.900	17.4	66123	504	5.380	4.830	11.4
61217	504	13.200	12.500	5.6	63011	503	38.300	34.200	12.0	66309	502	23.200	19.800	17.2
61218	502	13.300	12.000	10.8	63011	504	38.400	34.500	11.3	66309	503	19.300	17.300	11.6
61218	503	11.100	10.500	5.7	63012	502	74.900	63.800	17.4	66309	504	15.700	14.100	11.3
61218	504	9.040	8.550	5.7	63012	503	54.500	48.600	12.1	66561	502	53.700	45.900	17.0
61223	502	94.800	80.900	17.2	63012	504	54.700	49.100	11.4	66561	503	44.800	40.100	11.7
61223	503	79.000	70.800	11.6	63013	502	70.900	60.400	17.4	66561	504	36.400	32.700	11.3
61223	504	64.300	57.700	11.4	63013	503	51.600	46.000	12.2	67017	502	49.800	42.600	16.9
61224	502	30.200	28.700	5.2	63013	504	51.800	46.500	11.4	67017	503	41.500	37.200	11.6
61224	503	25.200	25.100	0.4	63215	502	55.100	47.100	17.0	67017	504	33.800	30.400	11.2
61224	504	20.500	20.400	0.5	63215	503	45.900	41.100	11.7	67508	502	57.500	47.300	21.6
61225	502	41.900	39.800	5.3	63215	504	37.400	33.600	11.3	67508	503	50.200	43.400	15.7
61225	503	34.900	34.800	0.3	63216	502	38.200	32.700	16.8	67508	504	49.600	43.000	15.3
61225	504	28.400	28.400	0.0	63216	503	31.900	28.500	11.9	67509	502	42.100	34.700	21.3
61226	502	70.600	63.400	11.4	63216	504	25.900	23.300	11.2	67509	503	36.800	31.800	15.7
61226	503	58.800	55.400	6.1	63217	502	66.500	52.300	27.2	67509	504	36.400	31.500	15.6
61226	504	47.800	45.200	5.8	63217	503	62.500	51.600	21.1	67510	502	23.500	19.300	21.8
61227	502	64.500	58.000	11.2	63217	504	69.800	57.800	20.8	67510	503	20.500	17.700	15.8
61227	503	53.800	50.700	6.1	63218	502	22.400	17.600	27.3	67510	504	20.200	17.500	15.4
61227	504	43.800	41.400	5.8	63218	503	21.100	17.400	21.3	67511	502	25.400	20.900	21.5
62000	502	14.700	13.200	11.4	63218	504	23.500	19.500	20.5	67511	503	22.200	19.200	15.6
62000	503	12.300	11.500	7.0	64074	502	17.700	14.700	20.4	67511	504	21.900	19.000	15.3
62000	504	9.980	9.420	5.9	64074	503	18.900	16.500	14.5	67512	502	109.000	89.500	21.8
62001	502	11.600	9.900	17.2	64074	504	16.600	14.600	13.7	67512	503	94.900	82.100	15.6
62001	503	9.660	8.650	11.7	64075	502	12.500	10.300	21.4	67512	504	93.800	81.300	15.4
62001	504	7.860	7.060	11.3	64075	503	13.300	11.600	14.7	67513	502	68.900	56.800	21.3
62002	502	5.290	4.520	17.0	64075	504	11.700	10.300	13.6	67513	503	60.200	52.100	15.5
62002	503	4.410	3.950	11.6	65007	502	33.600	28.700	17.1	67513	504	59.500	51.600	15.3
62002	504	3.590	3.220	11.5	65007	503	28.000	25.100	11.6	67634	502	43.100	36.800	17.1
62003	502	16.700	14.200	17.6	65007	504	22.800	20.400	11.8	67634	503	35.900	32.200	11.5
62003	503	13.900	12.500	11.2	66122	502	14.400	12.300	17.1	67634	504	29.200	26.300	11.0

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LOSS COST % CHANGE BY CLASS

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67635	502	30.500	26.100	16.9	90089	504	4.030	3.760	7.2	91190	503	1.980	1.850	7.0
67635	503	25.400	22.800	11.4	91111	502	2.980	2.710	10.0	91190	504	1.980	1.850	7.0
67635	504	20.700	18.600	11.3	91111	503	2.980	2.710	10.0	91200	502	0.700	0.660	6.1
68001	502	93.200	79.500	17.2	91111	504	2.980	2.710	10.0	91200	503	0.700	0.660	6.1
68001	503	77.600	69.500	11.7	91125	502	2.430	2.270	7.0	91200	504	0.700	0.660	6.1
68001	504	63.200	56.800	11.3	91125	503	2.430	2.270	7.0	91235	502	2.310	2.110	9.5
68439	502	120.000	102.000	17.6	91125	504	2.430	2.270	7.0	91235	503	2.310	2.110	9.5
68439	503	99.800	89.400	11.6	91127	502	2.000	1.830	9.3	91235	504	2.310	2.110	9.5
68439	504	81.200	73.000	11.2	91127	503	2.000	1.830	9.3	91250	502	3.480	3.170	9.8
68500	502	5.150	4.390	17.3	91127	504	2.000	1.830	9.3	91250	503	3.480	3.170	9.8
68500	503	3.740	3.340	12.0	91130	502	1.230	1.150	7.0	91250	504	3.480	3.170	9.8
68500	504	3.760	3.370	11.6	91130	503	1.230	1.150	7.0	91265	502	15.000	14.100	6.4
68604	502	2.240	1.910	17.3	91130	504	1.230	1.150	7.0	91265	503	15.000	14.100	6.4
68604	503	1.860	1.670	11.4	91135	502	0.340	0.320	6.3	91265	504	15.000	14.100	6.4
68604	504	1.520	1.360	11.8	91135	503	0.340	0.320	6.3	91266	502	7.930	7.460	6.3
68606	502	8.750	7.470	17.1	91135	504	0.340	0.320	6.3	91266	503	7.930	7.460	6.3
68606	503	7.290	6.530	11.6	91150	502	1.890	1.720	9.9	91266	504	7.930	7.460	6.3
68606	504	5.930	5.330	11.3	91150	503	1.890	1.720	9.9	91302	502	9.630	8.860	8.7
68607	502	6.920	5.910	17.1	91150	504	1.890	1.720	9.9	91302	503	9.630	8.860	8.7
68607	503	5.760	5.160	11.6	91155	502	4.200	3.830	9.7	91302	504	9.630	8.860	8.7
68607	504	4.690	4.210	11.4	91155	503	4.200	3.830	9.7	91315	502	2.920	2.690	8.6
68702	502	5.700	4.860	17.3	91155	504	4.200	3.830	9.7	91315	503	2.920	2.690	8.6
68702	503	4.750	4.250	11.8	91160	502	0.970	0.910	6.6	91315	504	2.920	2.690	8.6
68702	504	3.860	3.470	11.2	91160	503	0.970	0.910	6.6	91324	502	6.510	5.990	8.7
68703	502	4.270	3.650	17.0	91160	504	0.970	0.910	6.6	91324	503	6.510	5.990	8.7
68703	503	3.560	3.190	11.6	91175	502	0.840	0.780	7.7	91324	504	6.510	5.990	8.7
68703	504	2.900	2.600	11.5	91175	503	0.840	0.780	7.7	91340	502	4.250	3.910	8.7
68706	502	18.300	15.600	17.3	91175	504	0.840	0.780	7.7	91340	503	4.250	3.910	8.7
68706	503	15.300	13.700	11.7	91177	502	3.670	3.430	7.0	91340	504	4.250	3.910	8.7
68706	504	12.400	11.200	10.7	91177	503	3.670	3.430	7.0	91341	502	4.210	3.930	7.1
68707	502	18.100	15.500	16.8	91177	504	3.670	3.430	7.0	91341	503	4.210	3.930	7.1
68707	503	15.100	13.500	11.9	91179	502	3.690	3.440	7.3	91341	504	4.210	3.930	7.1
68707	504	12.300	11.000	11.8	91179	503	3.690	3.440	7.3	91342	502	3.900	3.590	8.6
90089	502	4.030	3.760	7.2	91179	504	3.690	3.440	7.3	91342	503	3.900	3.590	8.6
90089	503	4.030	3.760	7.2	91190	502	1.980	1.850	7.0	91342	504	3.900	3.590	8.6

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STATE: 02 - ARIZONA
SUBLINE: PREM/OPS

LOSS COST % CHANGE BY CLASS

CLASS	TERR	PROPOSED OCCURR	PRESENT OCCURR	% CHG	CLASS	TERR	PROPOSED OCCURR	PRESENT OCCURR	% CHG	CLASS	TERR	PROPOSED OCCURR	PRESENT OCCURR	% CHG
91343	502	0.930	0.870	6.9	91577	504	11.100	10.400	6.7	92054	503	0.165	0.154	7.1
91343	503	0.930	0.870	6.9	91580	502	5.780	5.440	6.2	92054	504	0.165	0.154	7.1
91343	504	0.930	0.870	6.9	91580	503	5.780	5.440	6.2	92055	502	4.600	4.290	7.2
91405	502	4.950	4.560	8.6	91580	504	5.780	5.440	6.2	92055	503	4.600	4.290	7.2
91405	503	4.950	4.560	8.6	91590	502	3.220	3.010	7.0	92055	504	4.600	4.290	7.2
91405	504	4.950	4.560	8.6	91590	503	3.220	3.010	7.0	92101	502	7.190	6.710	7.2
91436	502	4.760	4.450	7.0	91590	504	3.220	3.010	7.0	92101	503	7.190	6.710	7.2
91436	503	4.760	4.450	7.0	91606	502	12.000	11.300	6.2	92101	504	7.190	6.710	7.2
91436	504	4.760	4.450	7.0	91606	503	12.000	11.300	6.2	92102	502	4.330	4.040	7.2
91481	502	17.400	16.200	7.4	91606	504	12.000	11.300	6.2	92102	503	4.330	4.040	7.2
91481	503	17.400	16.200	7.4	91629	502	2.450	2.310	6.1	92102	504	4.330	4.040	7.2
91481	504	17.400	16.200	7.4	91629	503	2.450	2.310	6.1	92215	502	3.310	3.020	9.6
91507	502	2.560	2.390	7.1	91629	504	2.450	2.310	6.1	92215	503	3.310	3.020	9.6
91507	503	2.560	2.390	7.1	91636	502	4.210	3.960	6.3	92215	504	3.310	3.020	9.6
91507	504	2.560	2.390	7.1	91636	503	4.210	3.960	6.3	92338	502	1.660	1.550	7.1
91523	502	39.500	36.900	7.0	91636	504	4.210	3.960	6.3	92338	503	1.660	1.550	7.1
91523	503	39.500	36.900	7.0	91641	502	1.140	1.070	6.5	92338	504	1.660	1.550	7.1
91523	504	39.500	36.900	7.0	91641	503	1.140	1.070	6.5	92445	502	2.410	2.270	6.2
91547	502	0.225	0.210	7.1	91641	504	1.140	1.070	6.5	92445	503	2.410	2.270	6.2
91547	503	0.225	0.210	7.1	91666	502	0.870	0.810	7.4	92445	504	2.410	2.270	6.2
91547	504	0.225	0.210	7.1	91666	503	0.870	0.810	7.4	92446	502	5.470	5.100	7.3
91551	502	1.390	1.300	6.9	91666	504	0.870	0.810	7.4	92446	503	5.470	5.100	7.3
91551	503	1.390	1.300	6.9	91722	502	3.680	3.460	6.4	92446	504	5.470	5.100	7.3
91551	504	1.390	1.300	6.9	91722	503	3.680	3.460	6.4	92447	502	4.780	4.460	7.2
91555	502	1.390	1.270	9.4	91722	504	3.680	3.460	6.4	92447	503	4.780	4.460	7.2
91555	503	1.390	1.270	9.4	91746	502	3.100	2.890	7.3	92447	504	4.780	4.460	7.2
91555	504	1.390	1.270	9.4	91746	503	3.100	2.890	7.3	92451	502	2.310	2.110	9.5
91560	502	4.380	4.120	6.3	91746	504	3.100	2.890	7.3	92451	503	2.310	2.110	9.5
91560	503	4.380	4.120	6.3	91805	502	0.195	0.182	7.1	92451	504	2.310	2.110	9.5
91560	504	4.380	4.120	6.3	91805	503	0.195	0.182	7.1	92453	502	3.030	2.820	7.4
91562	502	3.100	2.890	7.3	91805	504	0.195	0.182	7.1	92453	503	3.030	2.820	7.4
91562	503	3.100	2.890	7.3	92053	502	0.480	0.450	6.7	92453	504	3.030	2.820	7.4
91562	504	3.100	2.890	7.3	92053	503	0.480	0.450	6.7	92478	502	1.500	1.400	7.1
91577	502	11.100	10.400	6.7	92053	504	0.480	0.450	6.7	92478	503	1.500	1.400	7.1
91577	503	11.100	10.400	6.7	92054	502	0.165	0.154	7.1	92478	504	1.500	1.400	7.1

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LOSS COST % CHANGE BY CLASS

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92593	502	30.300	27.600	9.8	94617	504	3.730	3.480	7.2	95625	503	4.600	4.230	8.7
92593	503	30.300	27.600	9.8	95124	502	1.380	1.290	7.0	95625	504	4.600	4.230	8.7
92593	504	30.300	27.600	9.8	95124	503	1.380	1.290	7.0	95647	502	2.780	2.540	9.4
92663	502	0.570	0.540	5.6	95124	504	1.380	1.290	7.0	95647	503	2.780	2.540	9.4
92663	503	0.570	0.540	5.6	95233	502	2.950	2.750	7.3	95647	504	2.780	2.540	9.4
92663	504	0.570	0.540	5.6	95233	503	2.950	2.750	7.3	96053	502	2.110	1.930	9.3
94007	502	10.300	9.580	7.5	95233	504	2.950	2.750	7.3	96053	503	2.110	1.930	9.3
94007	503	10.300	9.580	7.5	95305	502	3.210	2.990	7.4	96053	504	2.110	1.930	9.3
94007	504	10.300	9.580	7.5	95305	503	3.210	2.990	7.4	96317	502	1.270	1.200	5.8
94099	502	2.340	2.180	7.3	95305	504	3.210	2.990	7.4	96317	503	1.270	1.200	5.8
94099	503	2.340	2.180	7.3	95306	502	4.820	4.530	6.4	96317	504	1.270	1.200	5.8
94099	504	2.340	2.180	7.3	95306	503	4.820	4.530	6.4	96408	502	3.580	3.340	7.2
94225	502	8.230	7.680	7.2	95306	504	4.820	4.530	6.4	96408	503	3.580	3.340	7.2
94225	503	8.230	7.680	7.2	95310	502	7.660	7.150	7.1	96408	504	3.580	3.340	7.2
94225	504	8.230	7.680	7.2	95310	503	7.660	7.150	7.1	96409	502	3.310	3.090	7.1
94276	502	4.290	4.000	7.2	95310	504	7.660	7.150	7.1	96409	503	3.310	3.090	7.1
94276	503	4.290	4.000	7.2	95357	502	1.230	1.150	7.0	96409	504	3.310	3.090	7.1
94276	504	4.290	4.000	7.2	95357	503	1.230	1.150	7.0	96410	502	2.910	2.710	7.4
94304	502	2.950	2.690	9.7	95357	504	1.230	1.150	7.0	96410	503	2.910	2.710	7.4
94304	503	2.950	2.690	9.7	95410	502	4.140	3.860	7.3	96410	504	2.910	2.710	7.4
94304	504	2.950	2.690	9.7	95410	503	4.140	3.860	7.3	96611	502	0.970	0.900	7.8
94381	502	5.530	5.050	9.5	95410	504	4.140	3.860	7.3	96611	503	0.970	0.900	7.8
94381	503	5.530	5.050	9.5	95455	502	5.080	4.780	6.3	96611	504	0.970	0.900	7.8
94381	504	5.530	5.050	9.5	95455	503	5.080	4.780	6.3	96702	502	4.120	3.850	7.0
94404	502	4.060	3.790	7.1	95455	504	5.080	4.780	6.3	96702	503	4.120	3.850	7.0
94404	503	4.060	3.790	7.1	95487	502	2.220	2.070	7.2	96702	504	4.120	3.850	7.0
94404	504	4.060	3.790	7.1	95487	503	2.220	2.070	7.2	96816	502	3.870	3.610	7.2
94569	502	2.740	2.560	7.0	95487	504	2.220	2.070	7.2	96816	503	3.870	3.610	7.2
94569	503	2.740	2.560	7.0	95505	502	2.370	2.230	6.3	96816	504	3.870	3.610	7.2
94569	504	2.740	2.560	7.0	95505	503	2.370	2.230	6.3	96872	502	4.510	4.250	6.1
94590	502	11.800	11.000	7.3	95505	504	2.370	2.230	6.3	96872	503	4.510	4.250	6.1
94590	503	11.800	11.000	7.3	95620	502	1.800	1.680	7.1	96872	504	4.510	4.250	6.1
94590	504	11.800	11.000	7.3	95620	503	1.800	1.680	7.1	97047	502	2.960	2.730	8.4
94617	502	3.730	3.480	7.2	95620	504	1.800	1.680	7.1	97047	503	2.960	2.730	8.4
94617	503	3.730	3.480	7.2	95625	502	4.600	4.230	8.7	97047	504	2.960	2.730	8.4

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LOSS COST % CHANGE BY CLASS

CLASS	TERR	PROPOSED OCCURR	PRESENT OCCURR	% CHG	CLASS	TERR	PROPOSED OCCURR	PRESENT OCCURR	% CHG	CLASS	TERR	PROPOSED OCCURR	PRESENT OCCURR	% CHG
97050	502	2.300	2.120	8.5	97654	504	5.090	4.750	7.2	98157	503	3.330	3.130	6.4
97050	503	2.300	2.120	8.5	97655	502	4.600	4.330	6.2	98157	504	3.330	3.130	6.4
97050	504	2.300	2.120	8.5	97655	503	4.600	4.330	6.2	98159	502	2.230	2.100	6.2
97111	502	4.940	4.610	7.2	97655	504	4.600	4.330	6.2	98159	503	2.230	2.100	6.2
97111	503	4.940	4.610	7.2	98002	502	0.830	0.780	6.4	98159	504	2.230	2.100	6.2
97111	504	4.940	4.610	7.2	98002	503	0.830	0.780	6.4	98160	502	4.730	4.450	6.3
97220	502	0.330	0.310	6.5	98002	504	0.830	0.780	6.4	98160	503	4.730	4.450	6.3
97220	503	0.330	0.310	6.5	98003	502	0.910	0.850	7.1	98160	504	4.730	4.450	6.3
97220	504	0.330	0.310	6.5	98003	503	0.910	0.850	7.1	98161	502	5.300	4.990	6.2
97222	502	1.530	1.400	9.3	98003	504	0.910	0.850	7.1	98161	503	5.300	4.990	6.2
97222	503	1.530	1.400	9.3	98090	502	0.123	0.115	7.0	98161	504	5.300	4.990	6.2
97222	504	1.530	1.400	9.3	98090	503	0.123	0.115	7.0	98163	502	5.560	5.240	6.1
97223	502	2.310	2.110	9.5	98090	504	0.123	0.115	7.0	98163	503	5.560	5.240	6.1
97223	503	2.310	2.110	9.5	98091	502	0.133	0.124	7.3	98163	504	5.560	5.240	6.1
97223	504	2.310	2.110	9.5	98091	503	0.133	0.124	7.3	98164	502	1.950	1.780	9.6
97308	502	0.610	0.580	5.2	98091	504	0.133	0.124	7.3	98164	503	1.950	1.780	9.6
97308	503	0.610	0.580	5.2	98092	502	0.400	0.380	5.3	98164	504	1.950	1.780	9.6
97308	504	0.610	0.580	5.2	98092	503	0.400	0.380	5.3	98257	502	1.380	1.290	7.0
97447	502	2.020	1.900	6.3	98092	504	0.400	0.380	5.3	98257	503	1.380	1.290	7.0
97447	503	2.020	1.900	6.3	98111	502	0.580	0.530	9.4	98257	504	1.380	1.290	7.0
97447	504	2.020	1.900	6.3	98111	503	0.580	0.530	9.4	98303	502	10.500	9.850	6.6
97650	502	3.420	3.190	7.2	98111	504	0.580	0.530	9.4	98303	503	10.500	9.850	6.6
97650	503	3.420	3.190	7.2	98152	502	2.800	2.640	6.1	98303	504	10.500	9.850	6.6
97650	504	3.420	3.190	7.2	98152	503	2.800	2.640	6.1	98304	502	5.110	4.770	7.1
97651	502	5.960	5.610	6.2	98152	504	2.800	2.640	6.1	98304	503	5.110	4.770	7.1
97651	503	5.960	5.610	6.2	98153	502	3.150	2.970	6.1	98304	504	5.110	4.770	7.1
97651	504	5.960	5.610	6.2	98153	503	3.150	2.970	6.1	98305	502	2.380	2.190	8.7
97652	502	5.170	4.860	6.4	98153	504	3.150	2.970	6.1	98305	503	2.380	2.190	8.7
97652	503	5.170	4.860	6.4	98154	502	3.720	3.500	6.3	98305	504	2.380	2.190	8.7
97652	504	5.170	4.860	6.4	98154	503	3.720	3.500	6.3	98306	502	6.120	5.630	8.7
97653	502	2.920	2.730	7.0	98154	504	3.720	3.500	6.3	98306	503	6.120	5.630	8.7
97653	503	2.920	2.730	7.0	98155	502	5.210	4.910	6.1	98306	504	6.120	5.630	8.7
97653	504	2.920	2.730	7.0	98155	503	5.210	4.910	6.1	98307	502	1.620	1.510	7.3
97654	502	5.090	4.750	7.2	98155	504	5.210	4.910	6.1	98307	503	1.620	1.510	7.3
97654	503	5.090	4.750	7.2	98157	502	3.330	3.130	6.4	98307	504	1.620	1.510	7.3

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STATE: 02 - ARIZONA
SUBLINE: PREM/OPS

                                    LOSS COST % CHANGE BY CLASS

		PROPOSED	PRESENT	%				PROPOSED	PRESENT	%				PROPOSED	PRESENT	%
CLASS	TERR	OCCURR	OCCURR	CHG	CLASS	TERR		OCCURR	OCCURR	CHG	CLASS	TERR		OCCURR	OCCURR	CHG
98308	502	1.060	0.990	7.1	98427	504		2.310	2.150	7.4	98640	503		104.000	96.700	7.5
98308	503	1.060	0.990	7.1	98429	502		1.100	1.030	6.8	98640	504		104.000	96.700	7.5
98308	504	1.060	0.990	7.1	98429	503		1.100	1.030	6.8	98658	502		5.390	5.070	6.3
98309	502	5.260	4.950	6.3	98429	504		1.100	1.030	6.8	98658	503		5.390	5.070	6.3
98309	503	5.260	4.950	6.3	98449	502		3.310	3.090	7.1	98658	504		5.390	5.070	6.3
98309	504	5.260	4.950	6.3	98449	503		3.310	3.090	7.1	98659	502		0.960	0.910	5.5
98344	502	0.660	0.610	8.2	98449	504		3.310	3.090	7.1	98659	503		0.960	0.910	5.5
98344	503	0.660	0.610	8.2	98482	502		3.550	3.310	7.3	98659	504		0.960	0.910	5.5
98344	504	0.660	0.610	8.2	98482	503		3.550	3.310	7.3	98677	502		16.300	15.200	7.2
98405	502	1.090	1.000	9.0	98482	504		3.550	3.310	7.3	98677	503		16.300	15.200	7.2
98405	503	1.090	1.000	9.0	98483	502		5.240	4.890	7.2	98677	504		16.300	15.200	7.2
98405	504	1.090	1.000	9.0	98483	503		5.240	4.890	7.2	98678	502		14.500	13.500	7.4
98413	502	13.500	12.600	7.1	98483	504		5.240	4.890	7.2	98678	503		14.500	13.500	7.4
98413	503	13.500	12.600	7.1	98502	502		5.020	4.680	7.3	98678	504		14.500	13.500	7.4
98413	504	13.500	12.600	7.1	98502	503		5.020	4.680	7.3	98699	502		4.720	4.400	7.3
98414	502	12.300	11.500	7.0	98502	504		5.020	4.680	7.3	98699	503		4.720	4.400	7.3
98414	503	12.300	11.500	7.0	98555	502		2.340	2.180	7.3	98699	504		4.720	4.400	7.3
98414	504	12.300	11.500	7.0	98555	503		2.340	2.180	7.3	98705	502		7.620	7.170	6.3
98415	502	1.620	1.510	7.3	98555	504		2.340	2.180	7.3	98705	503		7.620	7.170	6.3
98415	503	1.620	1.510	7.3	98597	502		0.520	0.490	6.1	98705	504		7.620	7.170	6.3
98415	504	1.620	1.510	7.3	98597	503		0.520	0.490	6.1	98710	502		3.280	3.060	7.2
98423	502	3.850	3.590	7.2	98597	504		0.520	0.490	6.1	98710	503		3.280	3.060	7.2
98423	503	3.850	3.590	7.2	98598	502		0.180	0.168	7.1	98710	504		3.280	3.060	7.2
98423	504	3.850	3.590	7.2	98598	503		0.180	0.168	7.1	98751	502		4.070	3.830	6.3
98424	502	6.530	6.100	7.0	98598	504		0.180	0.168	7.1	98751	503		4.070	3.830	6.3
98424	503	6.530	6.100	7.0	98601	502		6.010	5.610	7.1	98751	504		4.070	3.830	6.3
98424	504	6.530	6.100	7.0	98601	503		6.010	5.610	7.1	98805	502		4.290	4.000	7.2
98425	502	2.680	2.500	7.2	98601	504		6.010	5.610	7.1	98805	503		4.290	4.000	7.2
98425	503	2.680	2.500	7.2	98624	502		0.940	0.880	6.8	98805	504		4.290	4.000	7.2
98425	504	2.680	2.500	7.2	98624	503		0.940	0.880	6.8	98806	502		2.640	2.410	9.5
98426	502	2.370	2.210	7.2	98624	504		0.940	0.880	6.8	98806	503		2.640	2.410	9.5
98426	503	2.370	2.210	7.2	98636	502		2.840	2.590	9.7	98806	504		2.640	2.410	9.5
98426	504	2.370	2.210	7.2	98636	503		2.840	2.590	9.7	98810	502		3.350	3.090	8.4
98427	502	2.310	2.150	7.4	98636	504		2.840	2.590	9.7	98810	503		3.350	3.090	8.4
98427	503	2.310	2.150	7.4	98640	502		104.000	96.700	7.5	98810	504		3.350	3.090	8.4

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LOSS COST % CHANGE BY CLASS

CLASS	TERR	PROPOSED OCCURR	PRESENT OCCURR	% CHG	CLASS	TERR	PROPOSED OCCURR	PRESENT OCCURR	% CHG	CLASS	TERR	PROPOSED OCCURR	PRESENT OCCURR	% CHG
98813	502	3.240	2.980	8.7	99163	504	3.900	3.640	7.1	99507	503	4.920	4.490	9.6
98813	503	3.240	2.980	8.7	99165	502	0.850	0.800	6.3	99507	504	4.920	4.490	9.6
98813	504	3.240	2.980	8.7	99165	503	0.850	0.800	6.3	99570	502	2.640	2.410	9.5
98820	502	8.180	7.630	7.2	99165	504	0.850	0.800	6.3	99570	503	2.640	2.410	9.5
98820	503	8.180	7.630	7.2	99220	502	1.450	1.360	6.6	99570	504	2.640	2.410	9.5
98820	504	8.180	7.630	7.2	99220	503	1.450	1.360	6.6	99571	502	0.640	0.580	10.3
98884	502	2.130	1.990	7.0	99220	504	1.450	1.360	6.6	99571	503	0.640	0.580	10.3
98884	503	2.130	1.990	7.0	99222	502	2.720	2.560	6.3	99571	504	0.640	0.580	10.3
98884	504	2.130	1.990	7.0	99222	503	2.720	2.560	6.3	99572	502	1.250	1.140	9.6
98914	502	0.660	0.620	6.5	99222	504	2.720	2.560	6.3	99572	503	1.250	1.140	9.6
98914	503	0.660	0.620	6.5	99223	502	0.240	0.224	7.1	99572	504	1.250	1.140	9.6
98914	504	0.660	0.620	6.5	99223	503	0.240	0.224	7.1	99573	502	1.200	1.090	10.1
98949	502	0.920	0.870	5.7	99223	504	0.240	0.224	7.1	99573	503	1.200	1.090	10.1
98949	503	0.920	0.870	5.7	99303	502	13.100	12.200	7.4	99573	504	1.200	1.090	10.1
98949	504	0.920	0.870	5.7	99303	503	13.100	12.200	7.4	99600	502	1.170	1.080	8.3
98967	502	3.340	3.120	7.1	99303	504	13.100	12.200	7.4	99600	503	1.170	1.080	8.3
98967	503	3.340	3.120	7.1	99310	502	3.270	3.050	7.2	99600	504	1.170	1.080	8.3
98967	504	3.340	3.120	7.1	99310	503	3.270	3.050	7.2	99613	502	8.260	7.700	7.3
98993	502	5.420	4.950	9.5	99310	504	3.270	3.050	7.2	99613	503	8.260	7.700	7.3
98993	503	5.420	4.950	9.5	99315	502	9.600	8.960	7.1	99613	504	8.260	7.700	7.3
98993	504	5.420	4.950	9.5	99315	503	9.600	8.960	7.1	99614	502	2.610	2.400	8.7
99003	502	1.590	1.480	7.4	99315	504	9.600	8.960	7.1	99614	503	2.610	2.400	8.7
99003	503	1.590	1.480	7.4	99321	502	9.320	8.700	7.1	99614	504	2.610	2.400	8.7
99003	504	1.590	1.480	7.4	99321	503	9.320	8.700	7.1	99620	502	0.450	0.420	7.1
99004	502	2.690	2.480	8.5	99321	504	9.320	8.700	7.1	99620	503	0.450	0.420	7.1
99004	503	2.690	2.480	8.5	99471	502	0.660	0.620	6.5	99620	504	0.450	0.420	7.1
99004	504	2.690	2.480	8.5	99471	503	0.660	0.620	6.5	99650	502	1.250	1.140	9.6
99080	502	1.120	1.050	6.7	99471	504	0.660	0.620	6.5	99650	503	1.250	1.140	9.6
99080	503	1.120	1.050	6.7	99505	502	4.590	4.190	9.5	99650	504	1.250	1.140	9.6
99080	504	1.120	1.050	6.7	99505	503	4.590	4.190	9.5	99709	502	3.090	2.820	9.6
99111	502	1.630	1.520	7.2	99505	504	4.590	4.190	9.5	99709	503	3.090	2.820	9.6
99111	503	1.630	1.520	7.2	99506	502	5.650	5.150	9.7	99709	504	3.090	2.820	9.6
99111	504	1.630	1.520	7.2	99506	503	5.650	5.150	9.7	99718	502	1.320	1.230	7.3
99163	502	3.900	3.640	7.1	99506	504	5.650	5.150	9.7	99718	503	1.320	1.230	7.3
99163	503	3.900	3.640	7.1	99507	502	4.920	4.490	9.6	99718	504	1.320	1.230	7.3

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LOSS COST % CHANGE BY CLASS

CLASS	TERR	PROPOSED OCCURR	PRESENT OCCURR	% CHG	CLASS	TERR	PROPOSED OCCURR	PRESENT OCCURR	% CHG	CLASS	TERR	PROPOSED OCCURR	PRESENT OCCURR	% CHG
99746	502	2.230	2.080	7.2	99948	504	6.530	5.960	9.6					
99746	503	2.230	2.080	7.2	99952	502	4.910	4.520	8.6					
99746	504	2.230	2.080	7.2	99952	503	4.910	4.520	8.6					
99760	502	0.250	0.238	5.0	99952	504	4.910	4.520	8.6					
99760	503	0.250	0.238	5.0	99953	502	5.300	4.880	8.6					
99760	504	0.250	0.238	5.0	99953	503	5.300	4.880	8.6					
99777	502	5.810	5.350	8.6	99953	504	5.300	4.880	8.6					
99777	503	5.810	5.350	8.6	99954	502	3.860	3.550	8.7					
99777	504	5.810	5.350	8.6	99954	503	3.860	3.550	8.7					
99793	502	2.830	2.640	7.2	99954	504	3.860	3.550	8.7					
99793	503	2.830	2.640	7.2	99955	502	4.830	4.450	8.5					
99793	504	2.830	2.640	7.2	99955	503	4.830	4.450	8.5					
99826	502	0.660	0.610	8.2	99955	504	4.830	4.450	8.5					
99826	503	0.660	0.610	8.2	99963	502	0.640	0.600	6.7					
99826	504	0.660	0.610	8.2	99963	503	0.640	0.600	6.7					
99827	502	0.400	0.380	5.3	99963	504	0.640	0.600	6.7					
99827	503	0.400	0.380	5.3	99969	502	2.630	2.470	6.5					
99827	504	0.400	0.380	5.3	99969	503	2.630	2.470	6.5					
99851	502	1.650	1.540	7.1	99969	504	2.630	2.470	6.5					
99851	503	1.650	1.540	7.1	99975	502	4.290	3.950	8.6					
99851	504	1.650	1.540	7.1	99975	503	4.290	3.950	8.6					
99917	502	2.670	2.490	7.2	99975	504	4.290	3.950	8.6					
99917	503	2.670	2.490	7.2	99988	502	2.320	2.180	6.4					
99917	504	2.670	2.490	7.2	99988	503	2.320	2.180	6.4					
99938	502	3.000	2.800	7.1	99988	504	2.320	2.180	6.4					
99938	503	3.000	2.800	7.1										
99938	504	3.000	2.800	7.1										
99943	502	8.690	8.110	7.2										
99943	503	8.690	8.110	7.2										
99943	504	8.690	8.110	7.2										
99946	502	6.470	6.040	7.1										
99946	503	6.470	6.040	7.1										
99946	504	6.470	6.040	7.1										
99948	502	6.530	5.960	9.6										
99948	503	6.530	5.960	9.6										

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LOSS COST % CHANGE BY CLASS

CLASS	PROPOSED OCCURR	PRESENT OCCURR	% CHG	CLASS	PROPOSED OCCURR	PRESENT OCCURR	% CHG	CLASS	PROPOSED OCCURR	PRESENT OCCURR	% CHG
10010	0.189	0.195	-3.1	11259	0.112	0.138	-18.8	13759	0.129	0.118	9.3
10026	0.018	0.016	12.5	11288	0.066	0.071	-7.0	13930	0.174	0.201	-13.4
10040	0.320	0.300	6.7	12014	0.036	0.032	12.5	14068	0.012	0.014	-14.3
10042	0.440	0.400	10.0	12356	0.035	0.028	25.0 U	14101	0.042	0.038	10.5
10060	0.080	0.072	11.1	12361	0.070	0.077	-9.1	14279	0.065	0.055	18.2
10065	0.036	0.029	24.1 U	12373	0.023	0.024	-4.2	14401	0.103	0.117	-12.0
10066	0.051	0.046	10.9	12374	0.067	0.071	-5.6	14527	0.179	0.189	-5.3
10070	0.151	0.154	-1.9	12375	0.033	0.041	-19.5 L	14855	0.133	0.154	-13.6
10071	0.093	0.081	14.8	12391	0.070	0.082	-14.6	14913	0.172	0.150	14.7
10073	0.510	0.570	-10.5	12509	0.031	0.036	-13.9	15223	0.044	0.041	7.3
10075	0.219	0.174	25.9 U	12510	0.026	0.023	13.0	15224	0.054	0.059	-8.5
10100	0.056	0.048	16.7	12651	0.510	0.530	-3.8	15406	0.053	0.048	10.4
10101	0.177	0.181	-2.2	12707	0.560	0.640	-12.5	15538	0.017	0.015	13.3
10107	0.260	0.226	15.0	12797	0.194	0.196	-1.0	15600	0.107	0.085	25.9
10111	0.067	0.078	-14.1	12805	0.156	0.127	22.8	15608	0.009	0.008	12.5
10115	0.085	0.073	16.4	13049	0.051	0.057	-10.5	15733	0.034	0.037	-8.1
10140	0.022	0.021	4.8	13111	0.092	0.093	-1.1	15839	0.025	0.023	8.7
10141	0.023	0.023	0.0	13112	0.063	0.063	0.0	15991	0.077	0.065	18.5
10145	0.007	0.008	-12.5	13201	0.144	0.160	-10.0	15993	0.046	0.041	12.2
10146	0.015	0.015	0.0	13204	1.140	1.450	-21.4	16005	0.031	0.034	-8.8
10255	0.151	0.147	2.7	13205	0.420	0.460	-8.7	16009	0.106	0.094	12.8
10256	0.183	0.152	20.4	13314	0.014	0.016	-12.5	16403	0.209	0.168	24.4
10257	0.148	0.169	-12.4	13351	0.050	0.040	25.0 U	16527	0.320	0.350	-8.6
10309	0.015	0.014	7.1	13352	0.042	0.038	10.5	16604	0.122	0.146	-16.4
10352	0.051	0.059	-13.6	13410	2.350	2.990	-21.4	16676	0.013	0.012	8.3
11020	0.160	0.138	15.9	13412	1.210	1.140	6.1	16705	0.131	0.148	-11.5
11039	0.068	0.067	1.5	13506	0.075	0.065	15.4	16750	0.034	0.032	6.3
11126	0.024	0.022	9.1	13507	0.160	0.149	7.4	16900	0.091	0.100	-9.0
11127	0.010	0.008	25.0	13590	0.670	0.740	-9.5	16901	0.108	0.135	-20.0 L
11128	0.072	0.062	16.1	13621	0.330	0.320	3.1	16902	0.048	0.059	-18.6 L
11203	0.460	0.520	-11.5	13670	0.017	0.015	13.3	16905	0.091	0.100	-9.0
11204	1.480	1.350	9.6	13673	0.012	0.012	0.0	16906	0.108	0.135	-20.0 L
11234	0.060	0.052	15.4	13715	0.145	0.165	-12.1	16910	0.054	0.060	-10.0
11248	0.016	0.018	-11.1	13716	0.101	0.098	3.1	16911	0.052	0.060	-13.3
11258	0.135	0.168	-19.6 L	13720	0.055	0.055	0.0	16915	0.043	0.049	-12.2

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SUBLINE: PRODUCTS/COMPLETED OPERATIONS
                                       LOSS COST % CHANGE BY CLASS


      PROPOSED   PRESENT     %              PROPOSED  PRESENT    %              PROPOSED  PRESENT    %
CLASS OCCURR     OCCURR     CHG      CLASS  OCCURR    OCCURR    CHG      CLASS   OCCURR    OCCURR    CHG
---------------------------------------------------------------------------------------------------------
16916   0.053     0.059    -10.2    51116   0.690     0.690     0.0     51666    0.089     0.101   -11.9
16920   0.099     0.110    -10.0    51205   0.059     0.071    -16.9    51734    0.350     0.310    12.9
16921   0.037     0.045    -17.8    51206   0.320     0.390    -17.9    51741    0.243     0.260    -6.5
16930   0.135     0.156    -13.5    51220   1.900     2.280    -16.7    51752    0.150     0.165    -9.1
16931   0.064     0.068     -5.9    51221   1.760     1.780     -1.1    51767    0.007     0.008   -12.5

16940   0.037     0.046    -19.6    51222   4.530     3.670     23.4    51777    0.077     0.078    -1.3
16941   0.064     0.080    -20.0    51224   1.490     1.450      2.8    51808    0.680     0.730    -6.8
18078   0.120     0.112      7.1    51230   0.740     0.790     -6.3    51809    0.146     0.153    -4.6
18109   0.033     0.029     13.8    51240   0.196     0.185      5.9    51833    0.054     0.060   -10.0
18110   0.038     0.032     18.8    51241   0.218     0.260    -16.2    51869    0.136     0.136     0.0

18205   0.380     0.350      8.6    51252   0.074     0.100    -26.0 L  51877    0.191     0.212    -9.9
18206   0.115     0.098     17.3    51254   0.032     0.039    -17.9    51889    0.011     0.012    -8.3
18335   0.018     0.016     12.5    51300   0.147     0.160     -8.1    51896    0.017     0.018    -5.6
18435   0.050     0.053     -5.7    51305   0.880     0.960     -8.3    51900    0.100     0.095     5.3
18436   0.123     0.153    -19.6 L  51315   0.096     0.106     -9.4    51909    0.053     0.056    -5.4

18501   0.011     0.013    -15.4    51330   0.660     0.530     24.5 U  51926    0.044     0.038    15.8
18506   0.007     0.006     16.7    51333   0.320     0.340     -5.9    51927    0.132     0.131     0.8
18507   0.008     0.007     14.3    51350   0.127     0.135     -5.9    51934    0.107     0.125   -14.4
18616   0.590     0.590      0.0    51351   0.049     0.042     16.7    51941    0.041     0.041     0.0
18707   0.005     0.004     25.0 U  51352   0.101     0.108     -6.5    51956    0.205     0.221    -7.2

18708   0.020     0.016     25.0 U  51355   0.091     0.094     -3.2    51957    0.460     0.420     9.5
18834   0.129     0.116     11.2    51356   0.560     0.620     -9.7    51958    0.370     0.410    -9.8
18911   0.018     0.016     12.5    51357   0.760     0.660     15.2    51960    0.330     0.350    -5.7
18912   0.037     0.031     19.4    51358   0.129     0.141     -8.5    51970    0.177     0.238   -25.6 L
18920   0.019     0.017     11.8    51359   0.710     0.780     -9.0    51982    0.077     0.083    -7.2

45771   0.139     0.164    -15.2    51370   3.830     4.570    -16.2    51986    0.096     0.103    -6.8
45819   0.051     0.049      4.1    51380   0.041     0.044     -6.8    51999    0.400     0.440    -9.1
45900   0.036     0.044    -18.2 L  51500   0.116     0.119     -2.5    52002    0.114     0.129   -11.6
45901   0.045     0.049     -8.2    51550   0.400     0.390      2.6    52075    0.222     0.243    -8.6
49239   0.460     0.600    -23.3    51551   0.890     0.910     -2.2    52134    0.600     0.630    -4.8

49617   0.221     0.196     12.8    51552   0.152     0.159     -4.4    52315    0.270     0.260     3.8
49618   0.076     0.062     22.6    51575   0.021     0.020      5.0    52433    0.800     1.020   -21.6
49619   0.113     0.097     16.5    51576   0.097     0.093      4.3    52469    0.096     0.104    -7.7
50010   0.380     0.490    -22.4    51600   0.172     0.191     -9.9    52505    0.237     0.216     9.7
51001   0.420     0.450     -6.7    51613   0.139     0.139      0.0    52547    0.070     0.078   -10.3
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LOSS COST % CHANGE BY CLASS

CLASS	PROPOSED OCCURR	PRESENT OCCURR	% CHG		CLASS	PROPOSED OCCURR	PRESENT OCCURR	% CHG		CLASS	PROPOSED OCCURR	PRESENT OCCURR	% CHG	
52581	2.190	2.950	-25.8	L	56391	0.300	0.320	-6.3		58397	0.650	0.740	-12.2	
52744	0.066	0.081	-18.5		56427	0.119	0.125	-4.8		58503	0.077	0.076	1.3	
52911	0.420	0.450	-6.7		56488	0.038	0.034	11.8		58575	0.111	0.120	-7.5	
52967	0.058	0.062	-6.5		56690	0.330	0.350	-5.7		58627	0.012	0.013	-7.7	
53001	0.300	0.330	-9.1		56699	0.067	0.057	17.5		58663	0.950	1.280	-25.8	L
53077	0.219	0.207	5.8		56758	0.140	0.148	-5.4		58737	0.550	0.630	-12.7	
53121	0.400	0.440	-9.1		56759	0.078	0.080	-2.5		58802	0.480	0.480	0.0	
53333	0.248	0.239	3.8		56760	0.099	0.098	1.0		58837	0.161	0.162	-0.6	
53374	0.260	0.310	-16.1		56912	0.084	0.090	-6.7		58840	0.121	0.127	-4.7	
53375	0.270	0.223	21.1	U	56916	0.215	0.205	4.9		58873	0.027	0.030	-10.0	
53376	0.183	0.194	-5.7		57001	0.023	0.023	0.0		58904	0.120	0.128	-6.2	
53377	0.188	0.195	-3.6		57002	0.096	0.106	-9.4		58922	0.179	0.168	6.5	
53565	0.096	0.108	-11.1		57090	0.680	0.660	3.0		59005	0.089	0.096	-7.3	
53631	0.021	0.022	-4.5		57146	0.750	0.720	4.2		59188	0.052	0.055	-5.5	
53632	0.032	0.034	-5.9		57257	0.034	0.035	-2.9		59189	0.280	0.300	-6.7	
53732	0.470	0.450	4.4		57401	0.089	0.096	-7.3		59223	0.103	0.088	17.0	
53733	0.228	0.270	-15.6		57403	0.033	0.035	-5.7		59257	0.012	0.013	-7.7	
53907	0.086	0.103	-16.5		57410	0.173	0.162	6.8		59378	0.141	0.150	-6.0	
54077	0.390	0.400	-2.5		57572	0.099	0.108	-8.3		59481	0.096	0.099	-3.0	
55010	0.980	1.080	-9.3		57600	0.033	0.034	-2.9		59537	0.232	0.210	10.5	
55011	1.750	1.570	11.5		57611	0.055	0.062	-11.3		59601	2.230	2.370	-5.9	
55012	1.110	1.180	-5.9		57651	0.039	0.041	-4.9		59647	0.158	0.170	-7.1	
55013	1.120	1.140	-1.8		57690	0.450	0.490	-8.2		59660	1.060	1.180	-10.2	
55214	0.083	0.088	-5.7		57716	0.074	0.082	-9.8		59701	0.330	0.290	13.8	
55371	0.108	0.119	-9.2		57725	0.075	0.088	-14.8		59713	0.330	0.310	6.5	
55597	1.680	1.790	-6.1		57726	0.023	0.021	9.5		59722	0.028	0.031	-9.7	
55647	0.065	0.062	4.8		57810	0.100	0.107	-6.5		59723	0.034	0.037	-8.1	
55715	0.203	0.224	-9.4		57871	0.111	0.118	-5.9		59724	0.015	0.019	-21.1	
55716	0.490	0.520	-5.8		57913	0.260	0.290	-10.3		59725	0.145	0.116	25.0	U
55802	0.011	0.009	22.2	U	57998	0.054	0.058	-6.9		59726	0.023	0.024	-4.2	
55918	2.260	2.740	-17.5		57999	0.070	0.071	-1.4		59738	0.059	0.064	-7.8	
55919	3.420	3.650	-6.3		58095	1.790	1.990	-10.1		59750	0.181	0.222	-18.5	
56040	0.030	0.033	-9.1		58096	1.490	1.230	21.1		59773	0.026	0.028	-7.1	
56202	0.078	0.089	-12.4		58301	0.077	0.088	-12.5		59774	0.141	0.150	-6.0	
56390	0.700	0.640	9.4		58302	0.051	0.055	-7.3		59775	0.178	0.188	-5.3	

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LOSS COST % CHANGE BY CLASS

CLASS	PROPOSED OCCURR	PRESENT OCCURR	% CHG		CLASS	PROPOSED OCCURR	PRESENT OCCURR	% CHG		CLASS	PROPOSED OCCURR	PRESENT OCCURR	% CHG	
59781	0.085	0.068	25.0	U	91341	5.490	5.210	5.4		96409	10.600	10.200	3.9	
59782	0.560	0.460	21.7		91342	4.030	3.970	1.5		96410	10.200	9.790	4.2	
59798	0.460	0.500	-8.0		91343	1.480	1.500	-1.3		96611	1.500	1.610	-6.8	
59886	0.100	0.108	-7.4		91436	2.280	2.310	-1.3		97221	1.030	1.140	-9.6	
59889	0.187	0.165	13.3		91507	3.500	3.630	-3.6		97222	1.620	1.820	-11.0	
59904	0.076	0.061	24.6	U	91551	0.690	0.690	0.0		97223	3.360	4.200	-20.0	
59905	0.120	0.132	-9.1		91555	1.000	1.010	-1.0		97447	6.080	5.510	10.3	
59914	0.690	0.680	1.5		91560	4.670	4.690	-0.4		97650	4.200	4.170	0.7	
59915	0.660	0.750	-12.0		91577	3.650	3.360	8.6		97651	4.400	4.090	7.6	
59917	0.232	0.205	13.2		91746	4.510	4.180	7.9		97652	5.350	4.250	25.9	U
59923	0.005	0.004	25.0	U	92053	0.590	0.570	3.5		97653	3.140	3.160	-0.6	
59925	1.190	1.190	0.0		92054	0.176	0.205	-14.1		97654	2.880	2.970	-3.0	
59926	0.460	0.450	2.2		92055	0.182	0.212	-14.2		97655	4.830	5.440	-11.2	
59927	1.300	1.420	-8.5		92101	3.200	3.160	1.3		98002	0.970	1.010	-4.0	
59931	0.480	0.550	-12.7		92102	4.130	3.730	10.7		98152	0.880	0.760	15.8	
59932	0.800	0.880	-9.1		92215	3.260	3.140	3.8		98157	0.350	0.430	-18.6	L
59947	0.300	0.320	-6.3		92338	2.500	2.360	5.9		98163	0.175	0.210	-16.7	
59955	0.132	0.143	-7.7		92446	1.660	1.780	-6.7		98164	0.059	0.072	-18.1	
59963	0.370	0.410	-9.8		92447	1.650	1.650	0.0		98303	7.080	8.190	-13.6	
59964	0.066	0.069	-4.3		92451	2.300	2.230	3.1		98304	3.700	3.390	9.1	
59970	0.169	0.183	-7.7		92478	1.710	1.750	-2.3		98305	2.060	1.900	8.4	
59975	0.190	0.227	-16.3		94007	6.290	6.080	3.5		98306	0.910	0.960	-5.2	
59984	0.049	0.053	-7.5		94276	4.740	5.010	-5.4		98307	0.440	0.500	-12.0	
59988	0.055	0.059	-6.8		94381	17.400	15.100	15.2		98308	1.150	1.140	0.9	
59989	0.041	0.044	-6.8		94404	6.490	5.700	13.9		98309	2.560	2.230	14.8	
91111	6.290	6.430	-2.2		94569	4.100	3.840	6.8		98344	0.740	0.790	-6.3	
91125	1.660	2.050	-19.0		95124	0.950	0.760	25.0	U	98449	26.600	28.000	-5.0	
91127	1.100	1.320	-16.7		95310	1.530	1.340	14.2		98482	8.260	7.580	9.0	
91150	5.940	5.950	-0.2		95410	3.050	3.160	-3.5		98483	21.000	21.300	-1.4	
91155	47.500	45.400	4.6		95455	1.710	1.360	25.7	U	98502	4.360	4.180	4.3	
91235	2.460	3.070	-19.9	L	95505	2.490	2.330	6.9		98636	3.460	3.540	-2.3	
91265	3.200	3.670	-12.8		95625	4.590	4.020	14.2		98659	0.330	0.390	-15.4	
91266	1.110	1.050	5.7		95647	4.930	4.880	1.0		98677	12.000	11.900	0.8	
91280	4.100	3.260	25.8	U	96053	5.030	5.090	-1.2		98678	17.100	17.300	-1.2	
91340	9.570	10.100	-5.2		96408	13.200	14.200	-7.0		98805	1.510	1.350	11.9	

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                                      LOSS COST % CHANGE BY CLASS


      PROPOSED  PRESENT    %                PROPOSED  PRESENT    %                PROPOSED  PRESENT    %
CLASS OCCURR    OCCURR     CHG        CLASS  OCCURR    OCCURR     CHG       CLASS  OCCURR    OCCURR     CHG
-----------------------------------------------------------------------------------------------------------
98806    3.470    3.510   -1.1
98813    1.940    1.980   -2.0
98820    3.770    3.720    1.3
98884    2.210    2.040    8.3
98914    0.480    0.580  -17.2

98949    0.260    0.310  -16.1
98967   12.500   10.800   15.7
98993    3.380    4.220  -19.9 L
99003    1.270    1.400   -9.3
99004    1.740    1.800   -3.3

99080    7.810    8.590   -9.1
99163    0.370    0.440  -15.9
99315    2.220    2.050    8.3
99321    2.510    2.560   -2.0
99613    2.210    2.200    0.5

99650    1.060    1.030    2.9
99746    3.300    3.190    3.4
99803   12.100   12.300   -1.6
99826    0.600    0.580    3.4
99827    0.540    0.570   -5.3

99946    2.810    2.870   -2.1
99948   27.100   28.100   -3.6
99952   19.300   19.700   -2.0
99953   10.900   12.500  -12.8
99954    8.940   10.900  -18.0

99955    6.960    7.890  -11.8
99969    4.020    3.210   25.2
```

L - LOWER CAP APPLIED
U - UPPER CAP APPLIED
N - NOT SUBJECT TO CAPPING
E - SUBJECT TO CAPPING EXCEPTION

SECTION B

EXPLANATORY MATERIAL

TABLE OF CONTENTS

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 Section C - Calculation of Indications.

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 Section A - 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 Section F - Class Groups and Calculation of Proposed Class Loss Costs for details. Where loss costs have been capped, this result is then multiplied by a 'build back' factor to ensure that the selected overall change is achieved.

For Local Products/Completed Operations, proposed state loss costs are calculated using a Bayesian credibility procedure. See Section G - Class Groups and Calculation of Proposed Class Loss Costs for details. In order to increase credibility, multistate experience is used in determining the class index. In calculating the change factor to be applied to the statewide loss costs, the statewide loss cost level has been used. Where loss costs have been capped, this result is multiplied by a 'buildback' factor to ensure that the selected overall statewide change is achieved.

METHODOLOGY OVERVIEW
OVERVIEW OF ISO ACTUARIAL PROCEDURES - GENERAL LIABILITY

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. The latest three accident years are weighted 20%-30%-50%, with the highest weight going to the most recent accident 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.

Due to the impact that the COVID-19 pandemic had on the March 2020 experience, we have decided to remove the experience for that month from our calculations. Therefore, any reference in this filing to the experience of year ending 3/31/2020 actually refers to the 11 months ending 2/29/2020.

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.

  The standard procedure used in GL loss cost experience filings is to trend accident year losses from the average date of coverage to one year beyond an assumed effective date. For the latest year in this review, the month of March has been excluded. The trending period for severity and frequency trend in this review assumes a one year period of coverage for all years including 4/1/19 to 3/31/20 for the latest year. Given that the month of March was excluded for the latest year, this causes a 0.5 month shortfall in the frequency and severity trend period for the latest year. The impact of this was determined to not be material.

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

Refer to Sections E, F, and G 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 the exhibits in Section C.

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 in this section.

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.

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

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

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

EXPLANATORY NOTES TO DETERMINATION OF INDICATED
LOSS COST LEVEL CHANGE

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

The loss cost level indication is based upon a review of the latest three 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 and 2020 are weighted 20%, 30% and 50% respectively. For Products/Completed Operations, multistate data for accident years ending December 31, 2017, 2018 and 2019 are weighted 20%, 30% and 50% 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 detail on these adjustments see sections E, F, and G.

EXPLANATORY NOTES TO RELATIVE CHANGE ANALYSIS

OBJECTIVES

The objectives of this procedure are to:

1) determine monoline loss cost level needs for the appropriate rating variables;

2) determine indicated changes to the CPP Package Modification Factors based on Premises/Operations and Products/Completed Operations.

EXPERIENCE BASE

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

SIMULTANEOUS DETERMINATION OF RATING VARIABLE RELATIVE CHANGES

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

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

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

RATING VARIABLES USED

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

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

---

EXPLANATORY NOTES TO RELATIVE CHANGE ANALYSIS

ITERATIVE
PROCEDURE

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

For Owners, Landlords and Tenants:

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

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

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

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

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

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

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

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

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

   j^{th} class group and k^{th} territory;

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

n is the number of class groups in the analysis;

p is the number of territories in the analysis;

ITERATIVE
PROCEDURE
(Cont'd)

For Manufacturers and Contractors, and Products:

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

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

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

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

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

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

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

    and j^{th} class group;

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

n is the number of class groups in the analysis;

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 i^{th} type of policy;

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

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

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

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

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

　　j^{th} class group and k^{th} state;

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

n is the number of class groups in the analysis;

p is the number of states in the analysis;

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:

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

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:

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

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.

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 this section). IPMF's are calculated separately by coverage, for each applicable type of policy within each coverage. One result of the IPMF adjustment to multiline ALCCL is that the monoline and multiline experience for the same coverage tends toward the same experience ratio. IPMF's are the components of the published liability Package Modification Factors (PMF's) which vary by type of policy only. These PMF's represent the CPP relativity for all liability coverages combined within a type of policy. The IPMF represents what the PMF would be for the CPP risk if only a single coverage were written.

EXPLANATION OF EXPOSURE DEVELOPMENT

IMPORTANCE OF
APPLICATION

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

APPLICATION OF
EXPOSURE
DEVELOPMENT
FACTORS

The earned exposures underlying the Premises/Operations statewide loss cost level indications are evaluated as of June 30, 2020. Products/Completed Operations data is evaluated as of March 31, 2020.

For example, the accident year ending December 31, 2019 includes all exposures earned during the period from January 1, 2019 through December 31, 2019.

The immature experience reported as of 15 and 27 months for accident years ending 3/31/2020 and 3/31/2019 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, 2020 for Premises/ Operations and March 31, 2020 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)

Section E - 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 Section F - Multistate Exposure Development. Section G - 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.

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, 2020. Products/Completed Operations data is evaluated as of March 31, 2020.

For example, the accident year ending December 31, 2019 includes all losses and allocated loss adjustment expenses paid on accidents occurring from January 1, 2019 through December 31, 2019 and all losses and loss adjustment expenses outstanding on those policies as of March 31, 2020, 15 months after the inception of the accident year.

The immature experience reported as of 15, 27 and 39 months for accident years ending 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).

EXPLANATION OF LOSS DEVELOPMENT

APPLICATION OF
LOSS DEVELOPMENT
FACTORS
(Cont'd)

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

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

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

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

Section E - Loss Development Data displays 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 Section F - Loss Development Data.

Section G - 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 Section G - 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, 2020 evaluated as of June 30, 2020. 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 Section E - 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
2000	A	G	L	P	S	U	Z*
2001	B	H	M	Q	T	Y*	
2002	C	I	N	R	X*	Y*	
2003	D	J	O	W*	X*	Y*	
2004	E	K	V*	W*	X*	Y*	
2005	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:

$V = BTOF2\textasciicircum(P1)$ $X = BTOF4\textasciicircum(P3)$ Where the powers P1, P2, P3, P4 and P5
$W = BTOF3\textasciicircum(P2)$ $Y = BTOF5\textasciicircum(P4)$ are defined as follows:
$Z = BTOF6\textasciicircum(P5)$

If BTOF1 > 1.0 and BTOF1 ≥ BTOF2 ≥ 1.0   Or BTOF1 < 1.0 and BTOF1 ≤ BTOF2 ≤ 1.0
Then P1 = Log (BTOF2) / Log (BTOF1)   Otherwise: P1 = 1.0

If BTOF2 > 1.0 and BTOF2 ≥ BTOF3 ≥ 1.0   Or BTOF2 < 1.0 and BTOF2 ≤ BTOF3 ≤ 1.0
Then P2 = Log (BTOF3) / Log (BTOF2)   Otherwise: P2 = 1.0

If BTOF3 >1.0 and BTOF3 ≥ BTOF4 ≥ 1.0   Or BTOF3 < 1.0 and BTOF3 ≤ BTOF4 ≤ 1.0
Then P3 = Log (BTOF4) / Log (BTOF3)   Otherwise: P3 = 1.0

If BTOF4 > 1.0 and BTOF4 ≥ BTOF5 ≥ 1.0   Or BTOF4 < 1.0 and BTOF4 ≤ BTOF5 ≤ 1.0
Then P4 = Log (BTOF5) / Log (BTOF4)   Otherwise: P4 = 1.0

If BTOF5 > 1.0 and (0.8 * Log (BTOF5)) ≥ Log (BTOF6) ≥ 0.0
Or BTOF5 < 1.0 and (0.8 * Log ((BTOF5)) ≤ Log (BTOF6) ≤ 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.

<p style="text-align:center"><u>UNALLOCATED LOSS ADJUSTMENT FACTOR METHODOLOGY</u></p>

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 Sections E, F, and G). 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 Section E - 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 Section F - Trend Data. For Local Products/Completed Operations exposure trend detail, see Section G - 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 are displayed in the trend data exhibits in Section E. For Products, multistate calendar accident year average occurrence severity for the latest six, eight and ten years is displayed in Section F. For Local Products/Completed Operations, multistate calendar accident year average occurrence severity for the latest six, eight and ten years is displayed in Section G. 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.

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.

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 the Trend Data exhibits in Sections E, F, and G. For Premises/Operations, these pages display the frequency data for CGL only for accident years ending 12/31/2006 - 12/31/2019. For Products/Completed Operations, these pages display the frequency data for CGL only for accident years ending 12/31/2006 - 12/31/2019. 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 selected 0.0%. These selections are consistent with a measured approach toward frequency trend selections, which reflects the difficulty of predicting turning points for cyclical and volatile data along with the amplifying effects that varying frequency trend selections have on indicated loss cost level changes.

CREDIBILITY STANDARDS

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

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

The rule for Owners, Landlords and Tenants is:

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

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

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

For Manufacturers and Contractors:

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

For Owners, Landlords and Tenants:

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

For Products:

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

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

CREDIBILITY STANDARDS

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

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

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

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

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

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

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

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

The present CGL class groups and countrywide differentials for Premises/Operations classifications are presented in Section E - Class Groups and Differentials. 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.

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

The present class groups for Products classifications are presented in Section F - 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 Section F - Class Groups and Calculation of Proposed Class Loss Costs for details of the calculation of multistate class loss costs.

EXPLANATORY NOTES TO CLASS GROUPS AND
CALCULATION OF PROPOSED CLASS LOSS COSTS --
LOCAL PRODUCTS/COMPLETED OPERATIONS

The present class groups for Local Products/Completed Operations classifications are presented in Section G - Class Groups and Calculation of Proposed Class Loss Costs. Class groups 21 and 22 are A-rated class groups and are not reviewed in this document.

Statewide proposed Local Products/Completed Operations class loss costs are calculated as the product of the class index, the class group relative change, the statewide loss cost level change and a 'build back' factor to ensure that the selected statewide overall change is achieved. In order to increase credibility, multistate experience is used in determining the class index. The class group relative change used is also multistate. Capping is performed by comparing the proposed loss costs to the present statewide loss costs. The class index is determined using credibility weighted experience ratios, where a Bayesian credibility procedure is used. See Section G - Class Groups and Calculation of Proposed Class Loss Costs for details of the calculation of statewide class loss costs.

SECTION C

CALCULATION OF INDICATIONS

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Determination of Indicated Loss Cost Level Change:

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	(6) NUMBER OF INCURRED OCCURRENCES
03/31/2018	$11,481,863	$12,566,614	0.20	1.094	367
03/31/2019	12,138,913	11,638,369	0.30	0.959	342
03/31/2020	11,765,847	16,316,656	0.50	1.387	327

(7)   WEIGHTED EXPERIENCE RATIO 1.200

(8)   EXPECTED EXPERIENCE RATIO (SEE FOOTNOTE C)........................   1.039

(9)   CREDIBILITY BASED ON LATEST THREE YEARS NUMBER OF INCURRED
      OCCURRENCES (SEE SECTION B - CREDIBILITY STANDARDS)...............   0.40

(10) CREDIBILITY-WEIGHTED EXPERIENCE RATIO
      {(7) X (9)} + {(8) X {1.0 -(9)}}.................................   1.103

(11) INDICATED MONOLINE-MULTILINE LOSS COST LEVEL CHANGE
      {(10)-1} X 100%.. + 10.3 %

(12) STATEWIDE INDICATED MONOLINE CHANGE
      (SEE SECTION D - BASIC LIMIT RELATIVE CHANGE ANALYSIS)............ + 11.1 %

(13) STATEWIDE SELECTED MONOLINE CHANGE................................ + 7.5 %

(A) THESE ARE CALCULATED BY SUMMING OVER THE CLASSES THE PRODUCTS OF REPORTED
     EXPOSURES, EXPOSURE TREND AND DEVELOPMENT, AND $100,000 BASIC LIMIT LOSS
     COSTS AT CURRENT ISO LEVEL. FOR DETAILS, SEE SECTION E - 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 09/01/2021.
     FOR DETAILS, SEE SECTION E - CALCULATION OF INCURRED LOSSES.

(C) THE EXPECTED EXPERIENCE RATIO IS THE NET TREND (1.039). THE NET TREND IS THE
     ANNUAL NET TREND FACTOR (1.039) TO AN EXPONENT (1.000), THE PERIOD
     FROM ONE YEAR BEYOND THE LAST REVIEW OR EFFECTIVE DATE (09/01/2021) TO ONE
     YEAR BEYOND THE ASSUMED EFFECTIVE DATE (09/01/2022).

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

(1)	(2)	(3)	(4)	(5)	(6)
		$100,000			
ACCIDENT	AGGREGATE LOSS	BASIC LIMIT			NUMBER OF
YEAR	COSTS AT	INCURRED	YEAR	EXPERIENCE	INCURRED
ENDING	CURRENT LEVEL (A)	LOSSES (B)	WEIGHTS	RATIO	OCCURRENCES
03/31/2018	$17,692,017	$20,422,773	0.20	1.154	661
03/31/2019	18,795,387	20,486,990	0.30	1.090	669
03/31/2020	17,048,936	21,770,278	0.50	1.277	578

(7)   WEIGHTED EXPERIENCE RATIO 1.196

(8)   EXPECTED EXPERIENCE RATIO (SEE FOOTNOTE C)....................... 1.037

(9)   CREDIBILITY BASED ON LATEST THREE YEARS NUMBER OF INCURRED
      OCCURRENCES (SEE SECTION B - CREDIBILITY STANDARDS).............. 0.56

(10) CREDIBILITY-WEIGHTED EXPERIENCE RATIO
      {(7) X (9)} + {(8) X {1.0 -(9)}}................................. 1.126

(11) INDICATED MONOLINE-MULTILINE LOSS COST LEVEL CHANGE
      {(10)-1} X 100%.. + 12.6 %

(12) STATEWIDE INDICATED MONOLINE CHANGE
      (SEE SECTION D - BASIC LIMIT RELATIVE CHANGE ANALYSIS)........... + 16.6 %

(13) STATEWIDE SELECTED MONOLINE CHANGE.............................. + 16.6 %

(14) STATEWIDE ADJUSTED MONOLINE CHANGE@............................. + 15.5 %

(A) THESE ARE CALCULATED BY SUMMING OVER THE CLASSES THE PRODUCTS OF REPORTED
     EXPOSURES, EXPOSURE TREND AND DEVELOPMENT, AND $100,000 BASIC LIMIT LOSS
     COSTS AT CURRENT ISO LEVEL. FOR DETAILS, SEE SECTION E - 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 09/01/2021.
     FOR DETAILS, SEE SECTION E - CALCULATION OF INCURRED LOSSES.

(C) THE EXPECTED EXPERIENCE RATIO IS THE NET TREND (1.037). THE NET TREND IS THE
     ANNUAL NET TREND FACTOR (1.037) TO AN EXPONENT (1.000), THE PERIOD
     FROM ONE YEAR BEYOND THE LAST REVIEW OR EFFECTIVE DATE (09/01/2021) TO ONE
     YEAR BEYOND THE ASSUMED EFFECTIVE DATE (09/01/2022).

  @ The Adjusted Owners, Landlords and Tenants loss cost level change reflects
  the impact of adjusting the loss costs for specific classes due to an expected
  occurrence frequency decrease stemming from COVID-19 related impacts.

ARIZONA
PRODUCTS
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 LIMITS INCURRED LOSSES(B)	(4) YEAR WEIGHTS	(5) EXPERIENCE RATIO	(6) NUMBER OF INCURRED OCCURRENCES
12/31/2017	$116,442,960	$122,766,765	0.20	1.054	2,085
12/31/2018	114,595,571	112,493,565	0.30	0.982	1,864
12/31/2019	118,873,835	108,853,141	0.50	0.916	1,881

(7) WEIGHTED EXPERIENCE RATIO 0.963

(8) INDICATED MULTISTATE MONOLINE-MULTILINE LOSS COST LEVEL CHANGE
              {(7)-1.00}X 100% .... - 3.7 %

(9) INDICATED MULTISTATE MONOLINE CHANGE .... - 6.1 %
     (SEE SECTION D - BASIC LIMIT RELATIVE CHANGE ANALYSIS)

(10) INDICATED STATEWIDE MONOLINE CHANGE (SEE FOOTNOTE C).............. - 3.4 %

(11) SELECTED STATEWIDE MONOLINE CHANGE............................... - 3.4 %

(A) THESE ARE CALCULATED BY SUMMING OVER THE CLASSES THE PRODUCTS OF MULTISTATE
     REPORTED EXPOSURES, EXPOSURE TREND AND DEVELOPMENT, AND MULTISTATE $100,000
     BASIC LIMIT LOSS COSTS AT CURRENT ISO LEVEL. FOR DETAILS, SEE SECTION F -
     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
     07/01/2021.

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

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

(1)	(2)	(3)	(4)	(5)	(6)
		MULTISTATE $100,000			
	MULTISTATE	BASIC LIMIT			NUMBER OF
ACCIDENT	AGGREGATE LOSS	INCURRED	YEAR	EXPERIENCE	INCURRED
YEAR	COSTS AT	LOSSES (B)	WEIGHTS	RATIO	OCCURRENCES
ENDING	CURRENT LEVEL (A)				
12/31/2017	$343,117,584	$355,978,064	0.20	1.037	6,339
12/31/2018	347,173,733	367,885,430	0.30	1.060	6,253
12/31/2019	352,822,245	393,194,740	0.50	1.114	6,100

(7)   WEIGHTED EXPERIENCE RATIO..   1.082

(8)   INDICATED MULTISTATE MONOLINE-MULTILINE LOSS COST LEVEL CHANGE
                         {(7)- 1.00} x 100%.................. + 8.2 %

(9)   INDICATED MULTISTATE MONOLINE CHANGE
      (SEE SECTION D - BASIC LIMIT RELATIVE CHANGE ANALYSIS)............ + 9.3 %

(10) INDICATED STATEWIDE MONOLINE CHANGE (C)
      (SEE SECTION D - BASIC LIMIT RELATIVE CHANGE ANALYSIS)............ + 0.7 %

(11) SELECTED STATEWIDE MONOLINE CHANGE................................ + 0.7 %

(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 G -
      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
      07/01/2021.

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

SECTION D

RELATIVE CHANGE ANALYSIS

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TOP	(1) BAILEY FORMULA RELATIV.	(2) CREDIBILITY Z	(3) Z-WTD RELATIV.	(4) BALANCED RELATIV.	STATEWIDE COVERAGE IND. OF 1.103 OR + 10.3%
10	1.019	0.188	1.004	1.007	
33	6.106	0.037	1.069	1.073	
34	1.221	0.058	1.012	1.015	
35	0.754	0.025	0.993	0.996	
36	0.804	0.102	0.978	0.981	
37	0.884	0.064	0.992	0.996	
38	0.964	0.199	0.993	0.996	

CLASS GROUP	(1) BAILEY FORMULA RELATIV.	(2) CREDIBILITY Z	(3) Z-WTD RELATIV.	(4) BALANCED RELATIV.	(5) INDICATED MONOLINE CHANGE	(6) SELECTED MONOLINE CHANGE
30	1.281	0.108	1.027	1.025	+ 13.8%	+ 10.1%
31	1.139	0.144	1.019	1.016	+ 12.9%	+ 9.2%
32	1.020	0.189	1.004	1.001	+ 11.2%	+ 7.6%
33	0.946	0.078	0.996	0.993	+ 10.3%	+ 6.7%
34	0.885	0.093	0.989	0.986	+ 9.6%	+ 6.0%
35	1.176	0.027	1.004	1.002	+ 11.3%	+ 7.7%
36	1.182	0.051	1.009	1.006	+ 11.8%	+ 8.2%
37	0.325	0.027	0.970	0.968	+ 7.5%	+ 4.0%
38	0.706	0.085	0.971	0.969	+ 7.6%	+ 4.1%

OVERALL MONOLINE INDICATION + 11.1%   + 7.5%
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* Monoline/multiline ALCCL for the latest year was used to weight the indicated monoline change by class group.

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


                                             (1)           (2)          (3)       (4)        (5)        (6)
                                          FISCAL A.Y.E.  FISCAL A.Y.E.
                                        03/31/2020 AGGREGATE  2016 - 2020  FIVE YEAR
                                          LOSS COSTS AT  AGG LOSS COST  EXPERIENCE            NUMBER OF  BAL CELL
   TYPE OF POLICY           CLASS GROUP   CURRENT LEVEL  CURRENT LEVEL    RATIO    RELATIV.  OCCURRENCES  RELATIV.

10 MONOLINE            30 SERVICE           $541,456      $2,423,728     1.439     1.348       68        1.032
                       31 LIGHT CONTRACTING  557,298       2,616,544     1.319     1.236      145        1.024
                       32 MEDIUM CONTRCTING 1,895,970      9,223,112     1.048     0.982      288        1.008
                       33 HEAVY CONTRACTING  487,354       2,311,789     1.320     1.237       39        1.000
                       34 DEALER OR DISTRIB  207,125        934,857      0.614     0.575       27        0.993
                       35 LGT. MANUFACTURER   20,839         69,084      6.511     6.101        6        1.009
                       36 MED. MANUFACTURER  154,249      1,398,810      0.438     0.410       14        1.013
                       37 HVY. MANUFACTURER   77,263        285,796      0.021     0.020        1        0.975
                       38 MISC. OPERATION    462,130      1,991,570      0.822     0.770       52        0.975
                          TOTAL *         $4,403,684     $21,255,290     1.103                640

33 MULT OFFICE         31 LIGHT CONTRACTING   $2,844        $88,347      0.000     0.000        0        1.091
                       32 MEDIUM CONTRCTING    3,132         17,313      0.672     0.630        1        1.074
                       33 HEAVY CONTRACTING   23,955        134,279     11.091    10.393       13        1.066
                       38 MISC. OPERATION     54,643        283,904      3.170     2.970       11        1.039
                          TOTAL *            $84,574       $523,843      5.215                 25

34 MULT MERCANTILE     30 SERVICE            $46,251       $278,034      0.015     0.014        3        1.040
                       32 MEDIUM CONTRCTING   29,449        155,389      0.965     0.904        5        1.016
                       34 DEALER OR DISTRIB  278,447      1,438,100      1.518     1.422       49        1.001
                       38 MISC. OPERATION     28,293         75,473      0.416     0.389        5        0.983
                          TOTAL *           $382,440     $1,946,996      1.212                 62

35 MULT INSTITUT.      31 LIGHT CONTRACTING   $6,477        $18,238      5.862     5.493        3        1.013
                       32 MEDIUM CONTRCTING   81,703        329,944      0.428     0.401        9        0.998
                          TOTAL *            $88,180       $348,182      0.827                 12

36 MULT SERVICES       30 SERVICE            $57,926       $372,390      1.217     1.140       17        1.006
                       31 LIGHT CONTRACTING   67,397        381,110      0.291     0.273       19        0.997
                       32 MEDIUM CONTRCTING  137,195        642,709      0.918     0.861       15        0.983
                       33 HEAVY CONTRACTING    7,037         65,151      0.646     0.606        1        0.975
                       34 DEALER OR DISTRIB  439,371      1,651,350      0.761     0.713       80        0.968
                       36 MED. MANUFACTURER   11,993         47,484      0.000     0.000        0        0.987
                       38 MISC. OPERATION    250,573      1,402,407      0.790     0.740       56        0.950
                          TOTAL *           $971,492     $4,562,601      0.775                188
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                                ARIZONA
                     MANUFACTURERS AND CONTRACTORS
                     BASIC LIMIT RELATIVE CHANGE ANALYSIS
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                SUMMARY OF EXPERIENCE USED IN RELATIVE CHANGE ANALYSIS


                                          (1)              (2)          (3)       (4)       (5)       (6)
                                      FISCAL A.Y.E.    FISCAL A.Y.E.
                                   03/31/2020 AGGREGATE  2016 - 2020   FIVE YEAR
                                        LOSS COSTS AT   AGG LOSS COST  EXPERIENCE           NUMBER OF  BAL CELL
    TYPE OF POLICY          CLASS GROUP  CURRENT LEVEL  CURRENT LEVEL    RATIO    RELATIV.  OCCURRENCES  RELATIV.

37 MULT INDUST/PROC.   31 LIGHT CONTRACTING      $299        $1,007     0.000     0.000         0        1.012
                       32 MEDIUM CONTRCTING    126,985      589,546     0.732     0.686         8        0.997
                       33 HEAVY CONTRACTING     22,344      101,771     0.159     0.149         2        0.989
                       34 DEALER OR DISTRIB     42,461      300,649     0.125     0.117         3        0.982
                       35 LGT. MANUFACTURER    115,165      430,538     0.162     0.152         8        0.998
                       36 MED. MANUFACTURER    619,483    3,306,112     1.346     1.261        34        1.002
                       37 HVY. MANUFACTURER    524,872    2,348,961     0.355     0.333        13        0.963
                       38 MISC. OPERATION        9,301       62,608     2.465     2.310         6        0.964
                            TOTAL *         $1,460,910   $7,141,192     0.797                  74

38 MULT CONTRACTORS    30 SERVICE            $745,768   $3,544,032     1.377     1.291       125        1.021
                       31 LIGHT CONTRACTING   707,325    3,475,554     1.158     1.085       211        1.012
                       32 MEDIUM CONTRCTING 2,144,634   10,121,876     1.143     1.071       320        0.997
                       33 HEAVY CONTRACTING   766,767    3,806,931     0.657     0.616        56        0.989
                       38 MISC. OPERATION      27,753      222,387     0.900     0.843         1        0.965
                            TOTAL *         $4,392,247  $21,170,780     1.099                 713


TOTAL ALL    TOP       30 SERVICE          $1,391,401   $6,618,184     1.349                 213
                       31 LIGHT CONTRACTING 1,341,640    6,580,800     1.201                 378
                       32 MEDIUM CONTRCTING 4,419,068   21,079,889     1.069                 646
                       33 HEAVY CONTRACTING 1,307,457    6,419,921     1.087                 111
                       34 DEALER OR DISTRIB   967,404    4,324,956     0.920                 159
                       35 LGT. MANUFACTURER   136,004      499,622     1.135                  14
                       36 MED. MANUFACTURER   785,725    4,752,406     1.147                  48
                       37 HVY. MANUFACTURER   602,135    2,634,757     0.312                  14
                       38 MISC. OPERATION     832,693    4,038,349     0.973                 131
                            TOTAL *        $11,783,527  $56,948,884     1.067               1,714
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 * TOTALS IN COLUMN (3) ARE AVERAGES USING COLUMN (1) AS WEIGHTS.

ARIZONA
OWNERS, LANDLORDS AND TENANTS
BASIC LIMIT RELATIVE CHANGE ANALYSIS

TOP	(1) BAILEY FORMULA RELATIV.	(2) CREDIBILITY Z	(3) Z-WTD RELATIV.	(4) BALANCED RELATIV.	STATEWIDE COVERAGE IND. OF 1.126 OR + 12.6%
10	1.141	0.275	1.037	1.036	
31	0.894	0.096	0.989	0.988	
32	1.900	0.119	1.079	1.078	
33	1.065	0.144	1.009	1.008	
34	0.788	0.177	0.959	0.958	
35	0.469	0.096	0.930	0.929	
36	0.711	0.128	0.957	0.956	

CLASS GROUP					(5) INDICATED MONOLINE CHANGE	(6) SELECTED MONOLINE CHANGE
01	1.090	0.049	1.004	1.008	+ 17.5%	+ 17.5%
02	0.852	0.157	0.975	0.979	+ 14.0%	+ 14.0%
03	1.084	0.120	1.010	1.014	+ 18.4%	+ 18.4%
04	0.531	0.022	0.986	0.990	+ 15.0%	+ 15.0%
05	1.364	0.038	1.012	1.016	+ 17.3%	+ 17.3%
06	0.266	0.050	0.936	0.940	+ 10.6%	+ 10.6%
07	1.531	0.155	1.068	1.073	+ 24.0%	+ 24.0%
08	1.612	0.036	1.017	1.021	+ 19.3%	+ 19.3%
09	1.012	0.138	1.002	1.006	+ 17.3%	+ 17.3%
10	1.081	0.108	1.008	1.013	+ 18.3%	+ 18.3%
11	0.845	0.138	0.977	0.981	+ 14.5%	+ 14.5%
12	0.849	0.226	0.964	0.968	+ 14.1%	+ 14.1%
13	2.291	0.065	1.055	1.060	+ 24.6%	+ 24.6%
16	0.000	0.000	1.000	1.004	+ 14.2%	+ 14.2%
OVERALL MONOLINE INDICATION					+ 16.6%	+ 16.6%

* Monoline/multiline ALCCL for the latest year was used to weight the indicated 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.

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                                ARIZONA
                     OWNERS, LANDLORDS AND TENANTS
                    BASIC LIMIT RELATIVE CHANGE ANALYSIS
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              (1)          (2)         (3)          (4)           (5)            (6)
             BAILEY
             FORMULA    CREDIBILITY    Z-WTD      BALANCED      INDICATED       SELECTED
 TERRITORY   RELATIV.        Z       RELATIV.     RELATIV.    MONOLINE CHG.   MONOLINE CHG.
    502       1.106       0.307       1.031        1.030       +  19.0%        +  19.0%
    503       0.880       0.148       0.981        0.980       +  14.2%        +  14.2%
    504       0.907       0.246       0.976        0.975       +  14.3%        +  14.3%
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* Monoline/multiline ALCCL for the latest year was used to weight the indicated 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.

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


         TERRITORY       502
                                          (1)            (2)         (3)       (4)        (5)         (6)
                                      FISCAL A.Y.E.   FISCAL A.Y.E.
                                      03/31/2020 AGGREGATE  2016 - 2020   FIVE YEAR
                                       LOSS COSTS AT  AGG LOSS COST  EXPERIENCE            NUMBER OF   BAL CELL
        TYPE OF POLICY              CLASS GROUP  CURRENT LEVEL  CURRENT LEVEL   RATIO    RELATIV.  OCCURRENCES  RELATIV.

10 MONOLINE                01 FOOD&BEV.(RETAIL)       $10,629        $50,246     0.144    0.121        3       1.076
                           02 RESTAURANTS            146,815      1,139,835     1.523    1.277       82       1.045
                           03 STORES                 117,883      1,079,857     1.343    1.126       98       1.082
                           04 VENDING & RENTAL         3,238         65,072     0.109    0.091        1       1.056
                           05 FOOD & BEV. DIST.       16,475        245,789     0.017    0.014        5       1.084
                           06 NON-FOOD&BEV.DIST       35,773        236,270     0.239    0.201       13       1.003
                           07 CLUBS,AMSMT&SPRTS      254,269      1,066,588     5.941    4.981      163       1.144
                           08 HEALTH CARE FACIL       69,025        277,591     1.392    1.167        7       1.090
                           09 HOTELS AND MOTELS      102,233        986,823     2.037    1.708       90       1.073
                           10 SCHLS & CHURCHES       476,020      1,846,063     1.471    1.234       41       1.080
                           11 APARTMENTS             515,265      3,629,665     1.009    0.846       82       1.047
                           12 BUILDINGS&OFFICES    1,255,966      6,748,500     1.101    0.923      218       1.032
                           13 MISC. PREMISES          57,314        456,478     2.736    2.294       29       1.131
                              TOTAL *            $3,060,905    $17,828,777     1.623                832

31 MULT MOTEL/HOTEL        09 HOTELS AND MOTELS    $355,983     $1,767,213     1.159    0.972       91       1.024
                              TOTAL *              $355,983     $1,767,213     1.159                 91

32 MULT APARTMENT          11 APARTMENTS           $450,326     $2,071,483     2.838    2.380      129       1.089
                           12 BUILDINGS&OFFICES      184,740        559,181     1.905    1.598       27       1.075
                              TOTAL *              $635,066     $2,630,664     2.567                156

33 MULT OFFICE             12 BUILDINGS&OFFICES   $1,437,749     $7,644,245     1.077    0.903      211       1.005
                           13 MISC. PREMISES          16,011        110,960     0.000    0.000        0       1.100
                              TOTAL *            $1,453,760     $7,755,205     1.065                211

34 MULT MERCANTILE         01 FOOD&BEV.(RETAIL)     $113,498       $334,315     1.732    1.453       16       0.994
                           02 RESTAURANTS            716,630      3,425,655     1.069    0.897      164       0.966
                           03 STORES                 329,093      1,349,503     0.440    0.369       31       1.000
                           04 VENDING & RENTAL         4,030         20,956     0.000    0.000        0       0.977
                           05 FOOD & BEV. DIST.       30,207        263,461     0.064    0.054        5       1.002
                           06 NON-FOOD&BEV.DIST      168,571        851,547     0.397    0.333       16       0.927
                           12 BUILDINGS&OFFICES      410,152      2,790,302     0.364    0.305       47       0.954
                              TOTAL *            $1,772,181     $9,035,739     0.748                279
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                                    ARIZONA
                         OWNERS, LANDLORDS AND TENANTS
                        BASIC LIMIT RELATIVE CHANGE ANALYSIS
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                   SUMMARY OF EXPERIENCE USED IN RELATIVE CHANGE ANALYSIS


          TERRITORY      502
                                          (1)            (2)          (3)        (4)        (5)        (6)
                                     FISCAL A.Y.E.   FISCAL A.Y.E.
                                   03/31/2020 AGGREGATE 2016 - 2020  FIVE YEAR
                                     LOSS COSTS AT   AGG LOSS COST  EXPERIENCE           NUMBER OF   BAL CELL
          TYPE OF POLICY        CLASS GROUP    CURRENT LEVEL   CURRENT LEVEL   RATIO   RELATIV.  OCCURRENCES  RELATIV.

35 MULT INSTITUT.      07 CLUBS,AMSMT&SPRTS        $7,902         $28,094     0.000      0.000          0      1.026
                       08 HEALTH CARE FACIL        98,668        361,729     0.871      0.730          2      0.977
                       10 SCHLS & CHURCHES        361,083      1,600,784     0.427      0.358         39      0.969
                       12 BUILDINGS&OFFICES           337          1,930     0.000      0.000          0      0.926
                            TOTAL *              $467,990     $1,992,537     0.513                    41

36 MULT SERVICES       03 STORES                 $19,014        $79,586     2.267      1.901          3      0.999
                       04 VENDING & RENTAL        14,354         84,429     0.212      0.178          3      0.975
                       07 CLUBS,AMSMT&SPRTS      326,837      1,994,073     0.765      0.641         43      1.056
                       08 HEALTH CARE FACIL          214          2,496     0.000      0.000          0      1.006
                       09 HOTELS AND MOTELS       17,213         56,931     0.000      0.000          0      0.991
                       10 SCHLS & CHURCHES         1,545          7,989     0.000      0.000          0      0.997
                       12 BUILDINGS&OFFICES       93,813        653,409     2.496      2.093         35      0.953
                       13 MISC. PREMISES          64,691        438,741     2.144      1.797         13      1.044
                            TOTAL *              $537,681     $3,317,654     1.244                    97

TOTAL ALL    TOP       01 FOOD&BEV.(RETAIL)     $124,127       $384,561     1.596                    19
                       02 RESTAURANTS           863,445      4,565,490     1.146                   246
                       03 STORES                465,990      2,508,946     0.743                   132
                       04 VENDING & RENTAL       21,622        170,457     0.157                     4
                       05 FOOD & BEV. DIST.      46,682        509,250     0.047                    10
                       06 NON-FOOD&BEV.DIST     204,344      1,087,817     0.369                    29
                       07 CLUBS,AMSMT&SPRTS     589,008      3,088,755     2.989                   206
                       08 HEALTH CARE FACIL     167,907        641,816     1.084                     9
                       09 HOTELS AND MOTELS     475,429      2,810,967     1.306                   181
                       10 SCHLS & CHURCHES      838,648      3,454,836     1.019                    80
                       11 APARTMENTS            965,591      5,701,148     1.862                   211
                       12 BUILDINGS&OFFICES   3,382,757     18,397,567     1.084                   538
                       13 MISC. PREMISES        138,016      1,006,179     2.141                    42
                            TOTAL *           $8,283,566    $44,327,789     1.303                 1,707




  * TOTALS IN COLUMN (3) ARE AVERAGES USING COLUMN (1) AS WEIGHTS.
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                              ARIZONA
                  OWNERS, LANDLORDS AND TENANTS
                  BASIC LIMIT RELATIVE CHANGE ANALYSIS
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              SUMMARY OF EXPERIENCE USED IN RELATIVE CHANGE ANALYSIS
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        TERRITORY   503

		(1) FISCAL A.Y.E. 03/31/2020 AGGREGATE LOSS COSTS AT CURRENT LEVEL	(2) FISCAL A.Y.E. 2016 - 2020 AGG LOSS COST 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)	$5,117	$20,618	0.000	0.000	0	1.023
	02 RESTAURANTS	37,712	310,860	2.473	2.074	21	0.994
	03 STORES	24,740	96,954	6.741	5.652	11	1.029
	04 VENDING & RENTAL	322	2,790	0.000	0.000	0	1.005
	05 FOOD & BEV. DIST.	21	10,030	0.007	0.006	1	1.031
	06 NON-FOOD&BEV.DIST	2,950	41,452	2.191	1.837	4	0.954
	07 CLUBS,AMSMT&SPRTS	64,182	1,006,521	0.773	0.648	24	1.089
	08 HEALTH CARE FACIL	36,975	134,474	0.837	0.702	1	1.037
	09 HOTELS AND MOTELS	127,099	1,196,862	1.178	0.988	43	1.021
	10 SCHLS & CHURCHES	89,594	318,884	0.504	0.423	7	1.028
	11 APARTMENTS	207,149	1,071,144	0.564	0.473	13	0.996
	12 BUILDINGS&OFFICES	234,130	983,070	1.790	1.501	47	0.982
	13 MISC. PREMISES	10,772	75,978	1.244	1.043	4	1.076
	TOTAL *	$840,763	$5,269,637	1.298		176	
31 MULT MOTEL/HOTEL	09 HOTELS AND MOTELS	$81,372	$375,179	1.949	1.634	26	0.974
	TOTAL *	$81,372	$375,179	1.949		26	
32 MULT APARTMENT	11 APARTMENTS	$94,079	$402,407	0.054	0.046	8	1.036
	12 BUILDINGS&OFFICES	44,696	116,901	4.301	3.606	5	1.022
	TOTAL *	$138,775	$519,308	1.422		13	
33 MULT OFFICE	12 BUILDINGS&OFFICES	$284,591	$1,492,735	0.665	0.558	34	0.956
	13 MISC. PREMISES	2,058	16,963	0.111	0.093	1	1.047
	TOTAL *	$286,649	$1,509,698	0.661		35	
34 MULT MERCANTILE	01 FOOD&BEV.(RETAIL)	$22,521	$91,730	0.456	0.382	1	0.946
	02 RESTAURANTS	172,593	960,234	1.187	0.995	49	0.919
	03 STORES	32,105	165,133	1.602	1.343	17	0.951
	04 VENDING & RENTAL	928	6,053	3.684	3.089	1	0.929
	05 FOOD & BEV. DIST.	5,133	57,188	0.270	0.226	3	0.953
	06 NON-FOOD&BEV.DIST	15,603	108,676	0.111	0.093	4	0.882
	12 BUILDINGS&OFFICES	103,993	515,017	0.507	0.426	18	0.908
	TOTAL *	$352,876	$1,904,031	0.924		93	

TERRITORY   503

		(1) FISCAL A.Y.E. 03/31/2020 AGGREGATE LOSS COSTS AT CURRENT LEVEL	(2) FISCAL A.Y.E. 2016 – 2020 AGG LOSS COST CURRENT LEVEL	(3) FIVE YEAR EXPERIENCE RATIO	(4) RELATIV.	(5) NUMBER OF OCCURRENCES	(6) BAL CELL RELATIV.
TYPE OF POLICY	CLASS GROUP						
35 MULT INSTITUT.	07 CLUBS,AMSMT&SPRTS	$59,682	$155,027	0.944	0.792	4	0.976
	08 HEALTH CARE FACIL	37,513	190,322	1.237	1.037	3	0.930
	10 SCHLS & CHURCHES	127,336	605,407	0.307	0.257	15	0.922
	12 BUILDINGS&OFFICES	342	1,822	0.000	0.000	0	0.881
	16 GOVT SUBDIVISIONS	0	22,372	0.000	0.000	0	0.914
	TOTAL *	$224,873	$974,950	0.631		22	
36 MULT SERVICES	03 STORES	$4,910	$16,916	0.535	0.449	2	0.950
	04 VENDING & RENTAL	3,037	10,512	0.000	0.000	0	0.928
	07 CLUBS,AMSMT&SPRTS	176,812	720,113	0.199	0.167	16	1.005
	09 HOTELS AND MOTELS	12,937	62,992	0.000	0.000	0	0.942
	10 SCHLS & CHURCHES	491	4,411	0.000	0.000	0	0.949
	12 BUILDINGS&OFFICES	21,385	119,030	3.203	2.686	12	0.907
	13 MISC. PREMISES	16,986	76,089	2.752	2.308	3	0.993
	TOTAL *	$236,558	$1,010,063	0.647		33	
TOTAL ALL TOP	01 FOOD&BEV.(RETAIL)	$27,638	$112,348	0.372		1	
	02 RESTAURANTS	210,305	1,271,094	1.418		70	
	03 STORES	61,755	279,003	3.576		30	
	04 VENDING & RENTAL	4,287	19,355	0.797		1	
	05 FOOD & BEV. DIST.	5,154	67,218	0.269		4	
	06 NON-FOOD&BEV.DIST	18,553	150,128	0.442		8	
	07 CLUBS,AMSMT&SPRTS	300,676	1,881,661	0.470		44	
	08 HEALTH CARE FACIL	74,488	324,796	1.039		4	
	09 HOTELS AND MOTELS	221,408	1,635,033	1.392		69	
	10 SCHLS & CHURCHES	217,421	928,702	0.387		22	
	11 APARTMENTS	301,228	1,473,551	0.405		21	
	12 BUILDINGS&OFFICES	689,137	3,228,575	1.338		116	
	13 MISC. PREMISES	29,816	169,030	2.025		8	
	16 GOVT SUBDIVISIONS	0	22,372	0.000		0	
	TOTAL *	$2,161,866	$11,562,866	1.044		398	

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

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


          TERRITORY        504
                                       (1)             (2)          (3)      (4)       (5)        (6)
                                    FISCAL A.Y.E.   FISCAL A.Y.E.
                                   03/31/2020 AGGREGATE  2016 - 2020  FIVE YEAR
                                    LOSS COSTS AT   AGG LOSS COST   EXPERIENCE          NUMBER OF   BAL CELL
          TYPE OF POLICY            CLASS GROUP     CURRENT LEVEL   CURRENT LEVEL   RATIO   RELATIV.  OCCURRENCES  RELATIV.

10 MONOLINE              01 FOOD&BEV.(RETAIL)          $23,536        $124,348      1.525   1.279        9        1.018
                        02 RESTAURANTS                 366,200      1,368,202      0.341   0.286       42        0.989
                        03 STORES                      120,360        961,913      0.894   0.749       52        1.024
                        04 VENDING & RENTAL              7,118         17,077      0.130   0.109        1        1.000
                        05 FOOD & BEV. DIST.            18,814         92,367      0.127   0.106        2        1.026
                        06 NON-FOOD&BEV.DIST            20,548        154,909      0.187   0.157        2        0.949
                        07 CLUBS,AMSMT&SPRTS           510,354      2,190,564      1.188   0.996       66        1.083
                        08 HEALTH CARE FACIL            31,779        146,908      2.473   2.074        3        1.031
                        09 HOTELS AND MOTELS           114,388        811,871      1.129   0.947       31        1.016
                        10 SCHLS & CHURCHES            316,336      1,256,689      1.432   1.201       27        1.023
                        11 APARTMENTS                  406,905      1,604,823      1.324   1.111       30        0.991
                        12 BUILDINGS&OFFICES           407,009      2,100,870      1.378   1.156       91        0.977
                        13 MISC. PREMISES               14,053        180,739      0.775   0.649        5        1.070
                        16 GOVT SUBDIVISIONS              888            888      0.000   0.000        0        1.014
                           TOTAL *                  $2,358,288    $11,012,168      1.125              361

31 MULT MOTEL/HOTEL     09 HOTELS AND MOTELS         $290,431     $1,506,015      0.739   0.620       51        0.969
                           TOTAL *                    $290,431     $1,506,015      0.739               51

32 MULT APARTMENT       11 APARTMENTS                $434,464     $1,805,248      1.609   1.349       85        1.031
                        12 BUILDINGS&OFFICES          159,662        280,334      0.558   0.468        3        1.017
                           TOTAL *                    $594,126     $2,085,582      1.326               88

33 MULT OFFICE          12 BUILDINGS&OFFICES         $477,896     $2,556,530      1.632   1.368      132        0.951
                        13 MISC. PREMISES               2,821         18,132      0.000   0.000        0        1.041
                           TOTAL *                    $480,717     $2,574,662      1.622              132

34 MULT MERCANTILE      01 FOOD&BEV.(RETAIL)         $107,579       $578,005      0.560   0.470       15        0.941
                        02 RESTAURANTS                622,932      2,961,569      0.652   0.547       86        0.914
                        03 STORES                     255,349      1,070,802      1.633   1.369       39        0.946
                        04 VENDING & RENTAL             1,679         16,942     12.162  10.198        2        0.924
                        05 FOOD & BEV. DIST.          107,886        525,651      2.165   1.815       10        0.948
                        06 NON-FOOD&BEV.DIST           97,655        429,880      0.068   0.057        7        0.877
                        12 BUILDINGS&OFFICES          174,397      1,129,061      0.608   0.510       35        0.903
                           TOTAL *                  $1,367,477     $6,711,910      0.914              194
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                                   ARIZONA
                        OWNERS, LANDLORDS AND TENANTS
                        BASIC LIMIT RELATIVE CHANGE ANALYSIS
                        -----------------------------------
                    SUMMARY OF EXPERIENCE USED IN RELATIVE CHANGE ANALYSIS


         TERRITORY      504
                                         (1)            (2)          (3)       (4)       (5)         (6)
                                     FISCAL A.Y.E.   FISCAL A.Y.E.
                                   03/31/2020 AGGREGATE  2016 - 2020   FIVE YEAR
                                     LOSS COSTS AT   AGG LOSS COST   EXPERIENCE            NUMBER OF   BAL CELL
         TYPE OF POLICY            CLASS GROUP    CURRENT LEVEL   CURRENT LEVEL    RATIO    RELATIV.  OCCURRENCES  RELATIV.

35 MULT INSTITUT.       07 CLUBS,AMSMT&SPRTS        $229,654        $836,637      0.153     0.128         13       0.971
                        08 HEALTH CARE FACIL          80,886         300,641      1.962     1.645          8       0.925
                        10 SCHLS & CHURCHES          447,758       1,852,673      0.905     0.759         82       0.917
                        12 BUILDINGS&OFFICES             253           1,480      0.000     0.000          0       0.876
                        13 MISC. PREMISES            1,208            8,058      0.000     0.000          0       0.959
                        16 GOVT SUBDIVISIONS              0          19,010      0.000     0.000          0       0.909
                           TOTAL *                 $759,759      $3,018,499      0.788                   103

36 MULT SERVICES       03 STORES                   $80,582        $389,119      0.243     0.204         10       0.945
                        04 VENDING & RENTAL          24,534          80,216      0.043     0.036          1       0.923
                        07 CLUBS,AMSMT&SPRTS        517,701       3,328,322      1.230     1.031        106       1.000
                        08 HEALTH CARE FACIL              0              91      0.000     0.000          0       0.952
                        09 HOTELS AND MOTELS         19,387         266,182      0.352     0.295         14       0.938
                        10 SCHLS & CHURCHES             459           3,639    158.730   133.097          1       0.944
                        12 BUILDINGS&OFFICES          61,492         361,463      0.606     0.508         11       0.902
                        13 MISC. PREMISES            51,971         243,001      4.341     3.640         23       0.988
                           TOTAL *                 $756,126      $4,672,033      1.322                   166

TOTAL ALL    TOP       01 FOOD&BEV.(RETAIL)        $131,115        $702,353      0.733                    24
                        02 RESTAURANTS             989,132       4,329,771      0.537                   128
                        03 STORES                  456,291       2,421,834      1.192                   101
                        04 VENDING & RENTAL          33,331         114,235      0.672                     4
                        05 FOOD & BEV. DIST.        126,700         618,018      1.862                    12
                        06 NON-FOOD&BEV.DIST        118,203         584,789      0.088                     9
                        07 CLUBS,AMSMT&SPRTS      1,257,709       6,355,523      1.016                   185
                        08 HEALTH CARE FACIL        112,665         447,640      2.106                    11
                        09 HOTELS AND MOTELS        424,206       2,584,068      0.827                    96
                        10 SCHLS & CHURCHES         764,553       3,113,001      1.218                   110
                        11 APARTMENTS              841,369       3,410,071      1.471                   115
                        12 BUILDINGS&OFFICES      1,280,709       6,429,738      1.228                   272
                        13 MISC. PREMISES           70,053         449,930      3.376                    28
                        16 GOVT SUBDIVISIONS            888          19,898      0.000                     0
                           TOTAL *               $6,606,924     $31,580,869      1.103                 1,095



  * TOTALS IN COLUMN (3) ARE AVERAGES USING COLUMN (1) AS WEIGHTS.
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                                    ARIZONA
                        OWNERS, LANDLORDS AND TENANTS
                        BASIC LIMIT RELATIVE CHANGE ANALYSIS
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                    SUMMARY OF EXPERIENCE USED IN RELATIVE CHANGE ANALYSIS


         TERRITORY      ALL
                                         (1)            (2)          (3)        (4)        (5)          (6)
                                     FISCAL A.Y.E.   FISCAL A.Y.E.
                                   03/31/2020 AGGREGATE  2016 - 2020   FIVE YEAR
                                     LOSS COSTS AT    AGG LOSS COST  EXPERIENCE           NUMBER OF    BAL CELL
      TYPE OF POLICY                 CURRENT LEVEL    CURRENT LEVEL     RATIO    RELATIV.  OCCURRENCES   RELATIV.
                           CLASS GROUP

10 MONOLINE              01 FOOD&BEV.(RETAIL)          $39,282         $195,212      0.953                  12
                         02 RESTAURANTS                550,727        2,818,897      0.802                 145
                         03 STORES                     262,983        2,138,724      1.645                 161
                         04 VENDING & RENTAL            10,678           84,939      0.120                   2
                         05 FOOD & BEV. DIST.           35,310          348,186      0.075                   8
                         06 NON-FOOD&BEV.DIST           59,271          432,631      0.318                  19
                         07 CLUBS,AMSMT&SPRTS          828,805        4,263,673      2.614                 253
                         08 HEALTH CARE FACIL          137,779          558,973      1.492                  11
                         09 HOTELS AND MOTELS          343,720        2,995,556      1.417                 164
                         10 SCHLS & CHURCHES           881,950        3,421,636      1.359                  75
                         11 APARTMENTS               1,129,319        6,305,632      1.041                 125
                         12 BUILDINGS&OFFICES         1,897,105        9,832,440      1.246                 356
                         13 MISC. PREMISES              82,139          713,195      2.204                  38
                         16 GOVT SUBDIVISIONS              888              888      0.000                   0
                            TOTAL *                 $6,259,956      $34,110,582      1.392               1,369

31 MULT MOTEL/HOTEL      09 HOTELS AND MOTELS         $727,786       $3,648,407      1.080                 168
                            TOTAL *                   $727,786       $3,648,407      1.080                 168

32 MULT APARTMENT        11 APARTMENTS                $978,869       $4,279,138      2.025                 222
                         12 BUILDINGS&OFFICES          389,098          956,416      1.628                  35
                            TOTAL *                 $1,367,967       $5,235,554      1.912                 257

33 MULT OFFICE           12 BUILDINGS&OFFICES       $2,200,236      $11,693,510      1.144                 377
                         13 MISC. PREMISES              20,890          146,055      0.011                   1
                            TOTAL *                 $2,221,126      $11,839,565      1.134                 378

34 MULT MERCANTILE       01 FOOD&BEV.(RETAIL)         $243,598       $1,004,050      1.097                  32
                         02 RESTAURANTS             1,512,155        7,347,458      0.911                 299
                         03 STORES                    616,547        2,585,438      0.995                  87
                         04 VENDING & RENTAL            6,637           43,951      3.592                   3
                         05 FOOD & BEV. DIST.         143,226          846,300      1.654                  18
                         06 NON-FOOD&BEV.DIST         281,829        1,390,103      0.267                  27
                         12 BUILDINGS&OFFICES         688,542        4,434,380      0.448                 100
                            TOTAL *                 $3,492,534      $17,651,680      0.831                 566
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                                          ARIZONA
                              OWNERS, LANDLORDS AND TENANTS
                             BASIC LIMIT RELATIVE CHANGE ANALYSIS
                             -----------------------------------
                        SUMMARY OF EXPERIENCE USED IN RELATIVE CHANGE ANALYSIS


           TERRITORY      ALL

                                            (1)              (2)           (3)      (4)        (5)          (6)
                                        FISCAL A.Y.E.    FISCAL A.Y.E.
                                      03/31/2020 AGGREGATE  2016 - 2020   FIVE YEAR
                                        LOSS COSTS AT    AGG LOSS COST   EXPERIENCE           NUMBER OF    BAL CELL
       TYPE OF POLICY          CLASS GROUP    CURRENT LEVEL    CURRENT LEVEL    RATIO   RELATIV.  OCCURRENCES    RELATIV.
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TYPE OF POLICY	CLASS GROUP	(1) FISCAL A.Y.E. 03/31/2020 AGGREGATE LOSS COSTS AT CURRENT LEVEL	(2) FISCAL A.Y.E. 2016 - 2020 AGG LOSS COST CURRENT LEVEL	(3) FIVE YEAR EXPERIENCE RATIO	(4) RELATIV.	(5) NUMBER OF OCCURRENCES	(6) BAL CELL RELATIV.
35 MULT INSTITUT.	07 CLUBS,AMSMT&SPRTS	$297,238	$1,019,758	0.308		17	
	08 HEALTH CARE FACIL	217,067	852,692	1.341		13	
	10 SCHLS & CHURCHES	936,177	4,058,864	0.639		136	
	12 BUILDINGS&OFFICES	932	5,232	0.000		0	
	13 MISC. PREMISES	1,208	8,058	0.000		0	
	16 GOVT SUBDIVISIONS	0	41,382	0.000		0	
	TOTAL *	$1,452,622	$5,985,986	0.675		166	
36 MULT SERVICES	03 STORES	$104,506	$485,621	0.625		15	
	04 VENDING & RENTAL	41,925	175,157	0.098		4	
	07 CLUBS,AMSMT&SPRTS	1,021,350	6,042,508	0.903		165	
	08 HEALTH CARE FACIL	214	2,587	0.000		0	
	09 HOTELS AND MOTELS	49,537	386,105	0.138		14	
	10 SCHLS & CHURCHES	2,495	16,039	29.201		1	
	12 BUILDINGS&OFFICES	176,690	1,133,902	1.924		58	
	13 MISC. PREMISES	133,648	757,831	3.075		39	
	TOTAL *	$1,530,365	$8,999,750	1.191		296	
TOTAL ALL TOP	01 FOOD&BEV.(RETAIL)	$282,880	$1,199,262	1.077		44	
	02 RESTAURANTS	2,062,882	10,166,355	0.882		444	
	03 STORES	984,036	5,209,783	1.129		263	
	04 VENDING & RENTAL	59,240	304,047	0.493		9	
	05 FOOD & BEV. DIST.	178,536	1,194,486	1.341		26	
	06 NON-FOOD&BEV.DIST	341,100	1,822,734	0.276		46	
	07 CLUBS,AMSMT&SPRTS	2,147,393	11,325,939	1.481		435	
	08 HEALTH CARE FACIL	355,060	1,414,252	1.399		24	
	09 HOTELS AND MOTELS	1,121,043	7,030,068	1.142		346	
	10 SCHLS & CHURCHES	1,820,622	7,496,539	1.027		212	
	11 APARTMENTS	2,108,188	10,584,770	1.498		347	
	12 BUILDINGS&OFFICES	5,352,603	28,055,880	1.151		926	
	13 MISC. PREMISES	237,885	1,625,139	2.490		78	
	16 GOVT SUBDIVISIONS	888	42,270	0.000		0	
	TOTAL *	$17,052,356	$87,471,524	1.193		3,200	

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

ARIZONA
PRODUCTS
BASIC LIMIT RELATIVE CHANGE ANALYSIS

TOP	(1) BAILEY FORMULA RELATIV.	(2) CREDIBILITY Z	(3) Z-WTD RELATIV.	(4) BALANCED RELATIV.	MULTISTATE COVERAGE IND. OF 0.963 OR - 3.7%
10	0.928	0.343	0.975	0.975	
34	1.065	0.357	1.023	1.023	
36	1.147	0.179	1.025	1.025	
37	1.002	0.474	1.001	1.001	

CLASS GROUP	(1)	(2)	(3)	(4)	(5) INDICATED MULTISTATE MONOLINE CHANGE	(6) INDICATED STATEWIDE MONOLINE CHANGE#*	(7) SELECTED STATEWIDE MONOLINE CHANGE
3	1.020	0.456	1.009	1.013	- 4.9%	- 1.1%	- 1.1%
4	0.934	0.390	0.974	0.977	- 8.3%	- 7.3%	- 7.3%
5	1.299	0.127	1.034	1.037	- 2.6%	- 3.1%	- 3.1%
6	1.020	0.312	1.006	1.010	- 5.2%	- 2.4%	- 2.4%
7	0.986	0.168	0.998	1.001	- 6.0%	+ 1.0%	+ 1.0%
OVERALL MONOLINE INDICATION					- 6.1%	- 3.4%	- 3.4%

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

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

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                                                MULTISTATE
                                                PRODUCTS
                                   BASIC LIMIT RELATIVE CHANGE ANALYSIS
                                   -------------------------------------------
                                  SUMMARY OF EXPERIENCE USED IN RELATIVE CHANGE ANALYSIS
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		(1) CALENDAR A.Y.E. 12/31/2019 AGGREGATE LOSS COSTS AT CURRENT LEVEL	(2) CALENDAR A.Y.E. 2015 - 2019 AGG LOSS COST CURRENT LEVEL	(3) FIVE YEAR EXPERIENCE RATIO	(4) RELATIV.	(5) NUMBER OF OCCURRENCES	(6) BAL CELL RELATIV.
TYPE OF POLICY	CLASS GROUP						
10 MONOLINE	03 MAN,DLR,DSTFD/DRG	$13,750,935	$66,100,554	0.988	0.977	1,263	0.987
	04 DLR,DST-NOTFD/DRG	8,477,615	41,310,448	0.911	0.900	460	0.952
	05 MAN.NTFD/DRG(LOW)	1,472,878	6,420,923	1.025	1.013	73	1.011
	06 MAN.NTFD/DRG(MED)	9,010,398	41,539,850	0.977	0.966	500	0.984
	07 MAN.NTFD/DRG(HGH)	2,241,335	11,290,085	0.650	0.643	59	0.976
	TOTAL *	$34,953,161	$166,661,860	0.947		2,355	
34 MULT MERCANTILE	03 MAN,DLR,DSTFD/DRG	$4,329,151	$22,382,753	1.183	1.169	619	1.036
	04 DLR,DST-NOTFD/DRG	27,418,064	130,792,947	0.993	0.982	1,940	1.000
	06 MAN.NTFD/DRG(MED)	8,530	45,329	0.000	0.000	0	1.033
	TOTAL *	$31,755,745	$153,221,029	1.019		2,559	
36 MULT SERVICES	04 DLR,DST-NOTFD/DRG	$3,121,637	$14,216,143	1.102	1.090	644	1.002
	06 MAN.NTFD/DRG(MED)	48,702	226,631	0.000	0.000	0	1.035
	TOTAL *	$3,170,339	$14,442,774	1.085		644	
37 MULT INDUST/PROC.	03 MAN,DLR,DSTFD/DRG	$12,807,039	$61,610,215	0.973	0.962	2,291	1.014
	05 MAN.NTFD/DRG(LOW)	3,340,860	17,802,968	1.402	1.386	250	1.039
	06 MAN.NTFD/DRG(MED)	26,492,844	125,759,189	1.030	1.018	1,448	1.011
	07 MAN.NTFD/DRG(HGH)	6,306,324	31,298,086	1.098	1.085	508	1.002
	TOTAL *	$48,947,067	$236,470,458	1.049		4,497	
TOTAL ALL TOP	03 MAN,DLR,DSTFD/DRG	$30,887,125	$150,093,522	1.009		4,173	
	04 DLR,DST-NOTFD/DRG	39,017,316	186,319,538	0.984		3,044	
	05 MAN.NTFD/DRG(LOW)	4,813,738	24,223,891	1.287		323	
	06 MAN.NTFD/DRG(MED)	35,560,474	167,570,999	1.015		1,948	
	07 MAN.NTFD/DRG(HGH)	8,547,659	42,588,171	0.980		567	
	TOTAL *	$118,826,312	$570,796,121	1.012		10,055	

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

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                              ARIZONA
                LOCAL PRODUCTS/COMPLETED OPERATIONS
                BASIC LIMIT RELATIVE CHANGE ANALYSIS
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	(1)	(2)	(3)	(4)
	BAILEY			MULTISTATE
	FORMULA	CREDIBILITY	Z-WTD	BALANCED	COVERAGE
TOP	RELATIV.	Z	RELATIV.	RELATIV.	IND. OF 1.082
					OR + 8.2%
10	1.013	0.781	1.010	1.009	
34	1.059	0.502	1.029	1.028	
36	0.921	0.535	0.957	0.956	
37	1.062	0.143	1.009	1.008	
38	0.996	0.991	0.996	0.995	

					(5)	(6)	(7)
					INDICATED	INDICATED	SELECTED
					MULTISTATE	STATEWIDE	STATEWIDE
					MONOLINE	MONOLINE	MONOLINE
CLASS					CHANGE	CHANGE#*	CHANGE
GROUP							
1	0.808	0.501	0.899	0.894	− 3.4%	− 10.6%	− 9.6%
2	0.989	0.512	0.994	0.989	+ 7.8%	+ 1.6%	+ 0.6%
11	1.091	0.353	1.031	1.026	+ 12.1%	+ 3.0%	+ 2.9%
12	1.018	1.000	1.018	1.012	+ 10.3%	+ 1.4%	+ 1.4%
13	0.823	0.264	0.950	0.945	+ 2.7%	− 11.5%	− 10.7%
		OVERALL MONOLINE	INDICATION	+ 9.3%	+ 0.7%	+ 0.7%

 # 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 indicated monoline change by class group.

STATE	(1) BAILEY FORMULA RELATIV	(2) CREDIBILITY Z	(3) Z-WTD RELATIV	(4) BALANCED RELATIV.	(5) INDICATED ** MONOLINE CHG.	(6) SELECTED MONOLINE CHG.
	1.280	0.407	1.106	1.105		
	1.226	0.480	1.103	1.103		
	1.218	0.458	1.094	1.094		
	1.437	0.240	1.091	1.091		
	1.303	0.278	1.076	1.076		
	1.118	0.581	1.067	1.067		
	1.360	0.161	1.051	1.050		
	1.190	0.265	1.047	1.047		
	1.208	0.202	1.039	1.039		
	1.362	0.116	1.036	1.036		
	1.077	0.482	1.036	1.036		
	1.171	0.145	1.023	1.023		
	1.102	0.196	1.019	1.019		
	1.048	0.380	1.018	1.018		
	1.050	0.362	1.018	1.017		
	1.051	0.299	1.015	1.015		
	1.047	0.330	1.015	1.015		
	1.077	0.174	1.013	1.013		
	1.048	0.250	1.012	1.011		
	1.031	0.324	1.010	1.009		
	1.049	0.135	1.006	1.006		
	1.010	0.415	1.004	1.004		
	1.020	0.177	1.003	1.003		
	1.007	0.567	1.004	1.003		
	1.020	0.155	1.003	1.003		
	1.025	0.098	1.002	1.002		
	0.992	0.454	0.996	0.996		
	0.989	0.469	0.995	0.995		
	0.975	0.380	0.990	0.990		
	0.935	0.230	0.985	0.984		
	0.888	0.133	0.984	0.984		
	0.926	0.238	0.982	0.982		
	0.971	0.595	0.983	0.982		
	0.684	0.055	0.979	0.979		
	0.895	0.190	0.979	0.979		
	0.930	0.383	0.973	0.972		
	0.812	0.165	0.966	0.966		
	0.866	0.237	0.967	0.966		
	0.734	0.160	0.952	0.951		
	0.859	0.336	0.950	0.950		
	0.896	0.470	0.950	0.949		
	0.876	0.406	0.948	0.947		
	0.918	0.645	0.946	0.946		
	0.887	0.489	0.943	0.943		
	0.776	0.230	0.943	0.943		
	0.822	0.300	0.943	0.943		
	0.796	0.267	0.941	0.941		
	0.088	0.035	0.919	0.918		
	0.644	0.196	0.917	0.917		
Arizona	0.757	0.314	0.916	0.916	0.7%	0.7%
	0.796	0.387	0.916	0.915		
	0.619	0.293	0.869	0.869		

* Sorted by balanced relative change.   ** The indicated monoline change is based on the selected multistate monoline change.

TYPE OF POLICY	CLASS GROUP	(1) CALENDAR A.Y.E. 12/31/2019 AGGREGATE LOSS COSTS AT CURRENT LEVEL	(2) CALENDAR A.Y.E. 2015 - 2019 AGG LOSS COST CURRENT LEVEL	(3) FIVE YEAR EXPERIENCE RATIO	(4) RELATIV.	(5) NUMBER OF OCCURRENCES	(6) BAL CELL RELATIV.
10 MONOLINE	01 RET.STRS-FOOD/DRG	$21,412	$71,328	1.640	1.509	11	0.826
	02 RET.STRS-NTFD/DRG	26,855	109,408	3.545	3.262	4	0.914
	11 COMP. OPS. (LOW)	133,025	755,460	0.386	0.355	9	0.948
	12 COMP. OPS. (MED)	2,860,018	10,300,928	0.847	0.779	127	0.936
	13 COMP. OPS. (HGH)	99,962	682,943	0.330	0.304	2	0.873
	TOTAL *	$3,141,272	$11,920,067	0.839		153	
34 MULT MERCANTILE	01 RET.STRS-FOOD/DRG	$109,316	$476,922	0.495	0.455	24	0.842
	02 RET.STRS-NTFD/DRG	79,870	348,731	1.742	1.604	8	0.931
	12 COMP. OPS. (MED)	56,892	277,422	1.311	1.206	1	0.953
	TOTAL *	$246,078	$1,103,075	1.088		33	
36 MULT SERVICES	01 RET.STRS-FOOD/DRG	$13,882	$63,457	0.688	0.633	3	0.783
	02 RET.STRS-NTFD/DRG	256,809	1,037,722	1.706	1.570	53	0.866
	11 COMP. OPS. (LOW)	152,416	644,308	1.107	1.019	15	0.898
	12 COMP. OPS. (MED)	150,753	1,525,335	0.249	0.229	12	0.886
	13 COMP. OPS. (HGH)	10,365	45,799	0.000	0.000	0	0.827
	TOTAL *	$584,225	$3,316,621	1.119		83	
37 MULT INDUST/PROC.	01 RET.STRS-FOOD/DRG	$5	$5	0.000	0.000	0	0.825
	11 COMP. OPS. (LOW)	1,066	4,505	0.010	0.009	0	0.947
	12 COMP. OPS. (MED)	50,340	263,226	0.790	0.727	6	0.934
	13 COMP. OPS. (HGH)	0	206	0.000	0.000	0	0.872
	TOTAL *	$51,411	$267,942	0.774		6	
38 MULT CONTRACTORS	11 COMP. OPS. (LOW)	$295,868	$1,224,079	0.946	0.870	24	0.935
	12 COMP. OPS. (MED)	4,313,249	19,048,818	0.767	0.706	233	0.923
	13 COMP. OPS. (HGH)	313,589	1,219,995	0.724	0.666	12	0.861
	TOTAL *	$4,922,706	$21,492,892	0.775		269	
TOTAL ALL TOP	01 RET.STRS-FOOD/DRG	$144,615	$611,712	0.683		38	
	02 RET.STRS-NTFD/DRG	363,534	1,495,861	1.850		65	
	11 COMP. OPS. (LOW)	582,375	2,628,352	0.858		48	
	12 COMP. OPS. (MED)	7,431,252	31,415,729	0.792		379	
	13 COMP. OPS. (HGH)	423,916	1,948,943	0.613		14	
	TOTAL *	$8,945,692	$38,100,597	0.829		544	

* 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)              (2)             (3)        (4)        (5)         (6)
                                    CALENDAR A.Y.E.  CALENDAR A.Y.E.
                                    12/31/2019 AGGREGATE  2015 - 2019    FIVE  YEAR
                                    LOSS COSTS AT    AGG LOSS COST    EXPERIENCE            NUMBER OF   BAL CELL
      TYPE OF POLICY          CLASS GROUP       CURRENT LEVEL    CURRENT LEVEL      RATIO    RELATIV.  OCCURRENCES  RELATIV.

10 MONOLINE             01 RET.STRS-FOOD/DRG     $2,438,315       $11,481,124      0.912                   601
                        02 RET.STRS-NTFD/DRG      2,987,973        14,421,548      1.083                   495
                        11 COMP. OPS. (LOW)       5,121,852        24,832,256      1.466                   645
                        12 COMP. OPS. (MED)      99,545,324       453,611,463      1.119                 7,145
                        13 COMP. OPS. (HGH)       7,985,186        36,362,548      0.800                   270
                             TOTAL *          $118,078,650      $540,708,939      1.107                 9,156

34 MULT MERCANTILE      01 RET.STRS-FOOD/DRG     $8,416,670       $39,973,133      0.852                 2,982
                        02 RET.STRS-NTFD/DRG      5,558,740        26,332,002      1.248                   672
                        12 COMP. OPS. (MED)       2,448,906        11,647,654      1.126                   132
                             TOTAL *           $16,424,316       $77,952,789      1.027                 3,786

36 MULT SERVICES        01 RET.STRS-FOOD/DRG       $848,644        $4,334,228      1.308                   191
                        02 RET.STRS-NTFD/DRG     14,186,650        58,805,129      0.951                 2,767
                        11 COMP. OPS. (LOW)       3,222,726        15,414,850      1.074                   482
                        12 COMP. OPS. (MED)       4,896,101        24,401,807      1.098                   800
                        13 COMP. OPS. (HGH)       1,067,475         5,473,142      0.781                    63
                             TOTAL *           $24,221,596      $108,429,156      1.002                 4,303

37 MULT INDUST/PROC.    01 RET.STRS-FOOD/DRG        $18,708           $99,531      0.356                     1
                        11 COMP. OPS. (LOW)         112,068           571,925      1.066                    19
                        12 COMP. OPS. (MED)       3,758,700        19,361,968      1.170                   289
                        13 COMP. OPS. (HGH)          42,554           250,368      0.000                     0
                             TOTAL *            $3,932,030       $20,283,792      1.150                   309

38 MULT CONTRACTORS     11 COMP. OPS. (LOW)     $10,091,456       $49,007,588      1.071                   731
                        12 COMP. OPS. (MED)     164,631,197       819,983,232      1.102                13,301
                        13 COMP. OPS. (HGH)      14,387,699        69,460,015      0.947                   720
                             TOTAL *          $189,110,352      $938,450,835      1.089                14,752


TOTAL ALL    TOP        01 RET.STRS-FOOD/DRG    $11,722,337       $55,888,016      0.896                 3,775
                        02 RET.STRS-NTFD/DRG     22,733,363        99,558,679      1.041                 3,934
                        11 COMP. OPS. (LOW)      18,548,102        89,826,619      1.180                 1,877
                        12 COMP. OPS. (MED)     275,280,228     1,329,006,124      1.109                21,667
                        13 COMP. OPS. (HGH)      23,482,914       111,546,073      0.888                 1,053
                             TOTAL  *         $351,766,944    $1,685,825,511      1.087                32,306



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

SUPPORTING MATERIAL -- PREMISES/OPERATIONS

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


                            $100,000                                              TRENDED $100,000
                 ACCIDENT   BASIC LIMIT       EXPOSURE                              BASIC LIMIT
TYPE OF            YEAR     AGGREGATE LOSS COSTS  DEVELOPMENT  EXPOSURE   AVERAGE   AGGREGATE LOSS COSTS
POLICY            ENDING    AT CURRENT LEVEL  X   FACTOR+   X   TREND#  X  IPMF*  = AT CURRENT LEVEL
--------         --------   --------------------  -----------  --------  -------   --------------------

MONOLINE         03/31/2018      $4,093,587         1.000       1.071                   $4,384,232
                 03/31/2019       4,564,272         1.000       1.040                    4,746,843
                 03/31/2020       4,242,960         1.018       1.018                    4,397,081


MULTILINE        03/31/2018      $6,831,411         1.000       1.070     0.971         $7,097,631
                 03/31/2019       7,320,041         1.000       1.040     0.971          7,392,070
                 03/31/2020       7,308,135         1.018       1.019     0.972          7,368,766


TOTAL            03/31/2018                                                            $11,481,863
                 03/31/2019                                                             12,138,913
                 03/31/2020                                                             11,765,847
```

+   THE DERIVATION OF THE EXPOSURE DEVELOPMENT FACTOR IS SHOWN IN SECTION E - 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 09/01/2021 BY AN EXPONENTIAL PROJECTION OF THE AVERAGE ANNUAL EXPOSURE TREND
    FACTOR. THE DERIVATION OF THIS EXPOSURE TREND FACTOR IS SHOWN IN SECTION E - AVERAGE ANNUAL EXPOSURE TRENDS.

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

REPORT TYPE	LOSS DESCRIPTION	ACCIDENT YEAR ENDING	$100,000 BASIC LIMIT LOSSES AND ALAE*	X	B/L INDEMNITY DEVELOPMENT FACTOR	X	UNALLOCATED LOSS ADJ FACTOR	X	SEVERITY TREND	X	FREQUENCY TREND	=	$100,000 BASIC LIMIT DEVELOPED & TRENDED LOSS AND LAE
BI	B/L INDEMNITY	03/31/2018	$2,246,872		1.041		1.080		1.242		1.000		$3,137,433
		03/31/2019	1,600,154		1.241		1.080		1.188		1.000		2,547,849
		03/31/2020	1,044,213		1.949		1.080		1.137		1.000		2,499,109
BI	ALAE	03/31/2018	$1,962,875				1.080		1.242		1.000		$2,632,922
		03/31/2019	1,357,614				1.080		1.188		1.000		1,741,873
		03/31/2020	2,095,284				1.080		1.137		1.000		2,572,925
PD	B/L INDEMNITY	03/31/2018	$2,589,684		1.072		1.080		1.242		1.000		$3,723,805
		03/31/2019	3,204,888		1.150		1.080		1.188		1.000		4,728,799
		03/31/2020	3,139,652		1.369		1.080		1.137		1.000		5,277,998
PD	ALAE	03/31/2018	$791,987				1.080		1.242		1.000		$1,062,340
		03/31/2019	1,003,377				1.080		1.188		1.000		1,287,373
		03/31/2020	1,745,709				1.080		1.137		1.000		2,143,661
MED PAY#	B/L INDEMNITY	03/31/2018	$46,247				1.080		1.242		1.000		$62,034
		03/31/2019	44,175				1.080		1.188		1.000		56,678
		03/31/2020	32,424				1.080		1.137		1.000		39,815
FRINGE	B/L INDEMNITY	03/31/2018	$206,904		1.104		1.080		1.000		1.000		$246,696
		03/31/2019	57,042		1.234		1.080		1.000		1.000		76,021
		03/31/2020	122,003		1.635		1.080		1.000		1.000		215,433
FRINGE	ALAE	03/31/2018	$238,284				1.080		1.000		1.000		$257,347
		03/31/2019	44,765				1.080		1.000		1.000		48,346
		03/31/2020	739,410				1.080		1.000		1.000		798,563
	TOTAL FULL COVERAGE	03/31/2018											$11,122,576
		03/31/2019											10,486,940
		03/31/2020											13,547,503

* Incurred indemnity losses are as reported. The ALAE have been developed, using the additive ALAE development procedure as explained in Section B.
\# No development is applied for Medical Payments losses. See Section B.

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	B/L INDEMNITY DEVELOPMENT FACTOR	X	UNALLOCATED LOSS ADJ FACTOR	X	SEVERITY TREND	X	FREQUENCY TREND	=	$100,000 BASIC LIMIT DEVELOPED & TRENDED LOSS AND LAE
BI	B/L INDEMNITY	03/31/2018	$109,635		1.170		1.080		1.242		1.000		$172,060
		03/31/2019	38,000		1.578		1.080		1.188		1.000		76,936
		03/31/2020	280,003		2.581		1.080		1.137		1.000		887,432
BI	ALAE	03/31/2018	$126,207				1.080		1.242		1.000		$169,289
		03/31/2019	29,954				1.080		1.188		1.000		38,432
		03/31/2020	795,547				1.080		1.137		1.000		976,900
PD	B/L INDEMNITY	03/31/2018	$475,559		1.039		1.080		1.242		1.000		$662,774
		03/31/2019	531,271		1.075		1.080		1.188		1.000		732,765
		03/31/2020	448,477		1.212		1.080		1.137		1.000		667,463
PD	ALAE	03/31/2018	$327,962				1.080		1.242		1.000		$439,915
		03/31/2019	226,276				1.080		1.188		1.000		290,321
		03/31/2020	188,294				1.080		1.137		1.000		231,217
MED PAY#	B/L INDEMNITY	03/31/2018	$0				1.080		1.242		1.000		$0
		03/31/2019	10,112				1.080		1.188		1.000		12,974
		03/31/2020	5,001				1.080		1.137		1.000		6,141
	TOTAL DED COVERAGE	03/31/2018											$1,444,038
		03/31/2019											1,151,429
		03/31/2020											2,769,153
	TOTAL	03/31/2018											$12,566,614
		03/31/2019											11,638,369
		03/31/2020											16,316,656

* Incurred indemnity losses are as reported. The ALAE have been developed, using the additive ALAE development procedure as explained in Section B.
\# No development is applied for Medical Payments losses. See Section B.

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


                            $100,000                                                         TRENDED $100,000
                ACCIDENT    BASIC LIMIT         EXPOSURE                                      BASIC LIMIT
TYPE OF         YEAR        AGGREGATE LOSS COSTS DEVELOPMENT    EXPOSURE        AVERAGE        AGGREGATE LOSS COSTS
POLICY          ENDING      AT CURRENT LEVEL  X  FACTOR+    X   TREND#    X     IPMF*    =     AT CURRENT LEVEL
--------        --------    -------------------- -----------    --------       -------        --------------------

MONOLINE        03/31/2018       $6,946,418        1.000        1.017                              $7,064,507
                03/31/2019        7,282,626        1.001        1.016                               7,406,547
                03/31/2020        6,159,758        1.007        1.009                               6,258,702


MULTILINE       03/31/2018      $11,607,344        1.000        1.023         0.895               $10,627,510
                03/31/2019       12,614,322        1.001        1.018         0.886                11,388,840
                03/31/2020       11,992,877        1.007        1.013         0.882                10,790,234


TOTAL           03/31/2018                                                                        $17,692,017
                03/31/2019                                                                         18,795,387
                03/31/2020                                                                         17,048,936
```

+   THE DERIVATION OF THE EXPOSURE DEVELOPMENT FACTOR IS SHOWN IN SECTION E – 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 09/01/2021 BY AN EXPONENTIAL PROJECTION OF THE AVERAGE ANNUAL EXPOSURE TREND
    FACTOR. THE DERIVATION OF THIS EXPOSURE TREND FACTOR IS SHOWN IN SECTION E – AVERAGE ANNUAL EXPOSURE TRENDS.

*   THE IMPLICIT PACKAGE MODIFICATION FACTORS APPLIED TO THE DATA FOR INDIVIDUAL PROGRAMS ARE SHOWN IN SECTION E –
    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	B/L INDEMNITY DEVELOPMENT FACTOR	X	UNALLOCATED LOSS ADJ FACTOR	X	SEVERITY TREND	X	FREQUENCY TREND	=	$100,000 BASIC LIMIT DEVELOPED & TRENDED LOSS AND LAE
BI	B/L INDEMNITY	03/31/2018	$7,688,181		1.020		1.080		1.242		0.976		$10,266,418
		03/31/2019	6,472,033		1.219		1.080		1.188		0.981		9,930,100
		03/31/2020	5,339,252		1.667		1.080		1.137		0.985		10,765,556
BI	ALAE	03/31/2018	$3,996,842				1.080		1.242		0.976		$5,232,535
		03/31/2019	4,186,054				1.080		1.188		0.981		5,268,828
		03/31/2020	5,749,850				1.080		1.137		0.985		6,954,677
PD	B/L INDEMNITY	03/31/2018	$735,280		1.072		1.080		1.301		0.976		$1,080,932
		03/31/2019	1,020,261		1.169		1.080		1.233		0.981		1,558,051
		03/31/2020	912,981		1.254		1.080		1.169		0.985		1,423,750
PD	ALAE	03/31/2018	$542,315				1.080		1.301		0.976		$743,708
		03/31/2019	683,664				1.080		1.233		0.981		893,097
		03/31/2020	632,362				1.080		1.169		0.985		786,394
MED PAY#	B/L INDEMNITY	03/31/2018	$550,693				1.080		1.242		0.976		$720,949
		03/31/2019	554,279				1.080		1.188		0.981		697,650
		03/31/2020	503,952				1.080		1.137		0.985		609,550
FRINGE	B/L INDEMNITY	03/31/2018	$209,936		1.075		1.080		1.000		0.976		$237,886
		03/31/2019	204,293		1.265		1.080		1.000		0.981		273,802
		03/31/2020	28,625		1.623		1.080		1.000		0.985		49,422
FRINGE	ALAE	03/31/2018	$969,762				1.080		1.000		0.976		$1,022,207
		03/31/2019	374,048				1.080		1.000		0.981		396,296
		03/31/2020	69,173				1.080		1.000		0.985		73,586
	TOTAL FULL COVERAGE	03/31/2018											$19,304,635
		03/31/2019											19,017,825
		03/31/2020											20,662,936

* Incurred indemnity losses are as reported. The ALAE have been developed, using the additive ALAE development procedure as explained in Section B.
\# No development is applied for Medical Payments losses. See Section B.

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

			$100,000 BASIC LIMIT LOSSES	B/L INDEMNITY DEVELOPMENT	UNALLOCATED LOSS ADJ	SEVERITY	FREQUENCY		$100,000 BASIC LIMIT DEVELOPED & TRENDED LOSS
REPORT TYPE	LOSS DESCRIPTION	ACCIDENT YEAR ENDING	AND ALAE*	X FACTOR	X FACTOR	X TREND	X TREND	=	AND LAE
BI	B/L INDEMNITY	03/31/2018	$512,044	1.050	1.080	1.242	0.976		$703,869
		03/31/2019	419,736	1.251	1.080	1.188	0.981		660,911
		03/31/2020	317,772	1.800	1.080	1.137	0.985		691,845
BI	ALAE	03/31/2018	$248,233		1.080	1.242	0.976		$324,979
		03/31/2019	303,424		1.080	1.188	0.981		381,908
		03/31/2020	290,943		1.080	1.137	0.985		351,907
PD	B/L INDEMNITY	03/31/2018	$25,637	1.151	1.080	1.301	0.976		$40,466
		03/31/2019	114,000	1.247	1.080	1.233	0.981		185,707
		03/31/2020	17,556	1.470	1.080	1.169	0.985		32,094
PD	ALAE	03/31/2018	$10,469		1.080	1.301	0.976		$14,357
		03/31/2019	157,832		1.080	1.233	0.981		206,182
		03/31/2020	9,665		1.080	1.169	0.985		12,019
MED PAY#	B/L INDEMNITY	03/31/2018	$26,328		1.080	1.242	0.976		$34,468
		03/31/2019	27,377		1.080	1.188	0.981		34,458
		03/31/2020	16,103		1.080	1.137	0.985		19,477
	TOTAL DED COVERAGE	03/31/2018							$1,118,138
		03/31/2019							1,469,166
		03/31/2020							1,107,342
	TOTAL	03/31/2018							$20,422,773
		03/31/2019							20,486,990
		03/31/2020							21,770,278

* Incurred indemnity losses are as reported. The ALAE have been developed, using the additive ALAE development procedure as explained in Section B.
\# No development is applied for Medical Payments losses. See Section B.

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	0.563
34	Mercantile Policy	1.192
35	Institutional Policy	0.722
36	Service Policy	1.027
37	Industrial/Processing Policy	0.980
38	Contractors Policy	0.962

(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 E - 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	0.989
32	Apartment House Policy	0.650
33	Office Policy	0.930
34	Mercantile Policy	0.957
35	Institutional Policy	0.921
36	Service Policy	0.859
37	Not Applicable	--
38	Not Applicable	--

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

(B) Combined data for risks written under the ISO CPP Program and individual insurer CMP programs have been used. These Implicit Package Modification Factors were applied to the aggregate loss costs at current level in each accident year. The average implicit package modification factor for each accident year is shown in Section E - 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	1.023	1.016	0.7101	1.018	30,000,000
27 to 39 Months	1.001	1.000	0.5967	1.000	48,000,000

Accident Year Ending	27:15	Exposure Development From 39:27	ULT:39		Factor
12/31/2017			1.000		1.000
12/31/2018		1.000	1.000		1.000
12/31/2019	1.018	1.000	1.000		1.018

(a) See Section E - Multistate Premium Development.
(b) See Section E - 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

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	1.005	1.006	0.5303	1.006	83,000,000
27 to 39 Months	1.001	1.000	0.4269	1.001	125,000,000

| Accident
Year Ending | Exposure Development From | | | | |
	27:15	39:27	ULT:39		Factor
12/31/2017			1.000		1.000
12/31/2018		1.001	1.000		1.001
12/31/2019	1.006	1.001	1.000		1.007

(a) See Section E - Multistate Premium Development.
(b) See Section E - 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
12/31/2012	19,487,736	19,592,617	19,650,044	19,640,817	19,633,228	19,642,968	19,642,968	19,642,968
12/31/2013	20,052,439	20,521,862	20,538,009	20,499,508	20,532,465	20,532,464	20,532,464	
12/31/2014	21,080,161	21,441,870	21,432,424	21,413,735	21,410,234	21,410,234		
12/31/2015	22,120,807	22,361,123	22,358,754	22,347,994	22,348,230			
12/31/2016	23,323,392	23,664,761	23,713,343	23,715,118				
12/31/2017	24,461,594	24,982,749	24,960,083					
12/31/2018	25,702,369	26,117,236						
12/31/2019	27,509,384							

LINK RATIOS

Accident Year Ending	27:15	39:27	51:39	63:51	75:63	87:75	99:87
12/31/2012	1.005	1.003	1.000	1.000	1.000	1.000	1.000
12/31/2013	1.023	1.001	0.998	1.002	1.000	1.000	
12/31/2014	1.017	1.000	0.999	1.000	1.000		
12/31/2015	1.011	1.000	1.000	1.000			
12/31/2016	1.015	1.002	1.000				
12/31/2017	1.021	0.999					
12/31/2018	1.016						
12/31/2019							

Average Best 3 of 5

27:15	39:27
1.016	1.000

ARIZONA
OWNERS LANDLORDS AND TENANTS

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

Accident Year Ending	15 Months	27 Months	39 Months	51 Months	63 Months	75 Months	87 Months	99 Months
12/31/2012	24,436,714	24,419,318	24,416,604	24,411,373	24,388,901	24,417,295	24,417,284	24,417,284
12/31/2013	26,483,126	26,514,060	26,450,848	26,341,434	26,485,731	26,485,727	26,485,727	
12/31/2014	28,489,036	28,603,162	28,457,386	28,625,250	28,624,894	28,623,771		
12/31/2015	30,660,858	30,822,642	30,898,461	30,898,144	30,898,028			
12/31/2016	30,926,724	31,102,515	31,260,830	31,260,653				
12/31/2017	30,945,119	31,168,718	31,136,356					
12/31/2018	31,825,851	32,066,779						
12/31/2019	34,475,246							

LINK RATIOS

Accident Year Ending	27:15	39:27	51:39	63:51	75:63	87:75	99:87
12/31/2012	0.999	1.000	1.000	0.999	1.001	1.000	1.000
12/31/2013	1.001	0.998	0.996	1.005	1.000	1.000	
12/31/2014	1.004	0.995	1.006	1.000	1.000		
12/31/2015	1.005	1.002	1.000	1.000			
12/31/2016	1.006	1.005	1.000				
12/31/2017	1.007	0.999					
12/31/2018	1.008						
12/31/2019							

Average Best 3 of 5

27:15	39:27
1.006	1.000

MULTISTATE
MANUFACTURERS AND CONTRACTORS

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

Accident Year Ending	15 Months	27 Months	39 Months	51 Months	63 Months	75 Months	87 Months	99 Months
12/31/2012	1,494,798,756	1,477,905,807	1,477,373,085	1,477,521,434	1,478,273,634	1,478,422,719	1,478,382,331	1,478,373,631
12/31/2013	1,540,617,108	1,574,037,239	1,576,731,857	1,579,895,840	1,580,782,272	1,580,577,782	1,580,568,588	
12/31/2014	1,629,319,079	1,686,796,867	1,690,110,993	1,691,090,945	1,690,662,951	1,690,675,986		
12/31/2015	1,675,835,306	1,715,391,035	1,715,428,665	1,714,987,472	1,715,085,569			
12/31/2016	1,697,094,920	1,733,293,812	1,734,995,235	1,734,881,437				
12/31/2017	1,764,296,921	1,807,123,217	1,806,305,773					
12/31/2018	1,825,475,539	1,862,467,225						
12/31/2019	1,905,930,845							

LINK RATIOS

Accident Year Ending	27:15	39:27	51:39	63:51	75:63	87:75	99:87
12/31/2012	0.989	1.000	1.000	1.001	1.000	1.000	1.000
12/31/2013	1.022	1.002	1.002	1.001	1.000	1.000	
12/31/2014	1.035	1.002	1.001	1.000	1.000		
12/31/2015	1.024	1.000	1.000	1.000			
12/31/2016	1.021	1.001	1.000				
12/31/2017	1.024	1.000					
12/31/2018	1.020						

Average Best 3 of 5

27:15	39:27
1.023	1.001

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
12/31/2012	1,783,438,869	1,784,825,771	1,784,860,705	1,784,651,645	1,782,527,901	1,785,279,434	1,785,278,468	1,785,259,616
12/31/2013	1,892,858,812	1,900,905,228	1,911,617,119	1,910,397,774	1,914,288,718	1,914,279,061	1,914,259,502	
12/31/2014	2,048,588,680	2,068,638,655	2,064,796,627	2,067,991,874	2,067,781,181	2,067,749,698		
12/31/2015	2,190,901,147	2,190,624,503	2,194,917,255	2,193,846,167	2,193,779,530			
12/31/2016	2,229,362,213	2,238,158,983	2,240,530,931	2,240,473,695				
12/31/2017	2,248,784,336	2,268,405,965	2,267,557,714					
12/31/2018	2,302,161,751	2,308,326,153						
12/31/2019	2,337,335,108							

LINK RATIOS

Accident Year Ending	27:15	39:27	51:39	63:51	75:63	87:75	99:87
12/31/2012	1.001	1.000	1.000	0.999	1.002	1.000	1.000
12/31/2013	1.004	1.006	0.999	1.002	1.000	1.000	
12/31/2014	1.010	0.998	1.002	1.000	1.000		
12/31/2015	1.000	1.002	1.000	1.000			
12/31/2016	1.004	1.001	1.000				
12/31/2017	1.009	1.000					
12/31/2018	1.003						

Average Best 3 of 5

27:15	39:27
1.005	1.001

LOSS DEVELOPMENT DATA
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ARIZONA

Premises/Operations

Manufacturers & Contractors
Bodily Injury
Full Coverage
Incurred Losses excluding ALAE

Calculation of Loss Development Factors

	(1)	(2)	(3)	(4)	(5)
	EVALUATION PERIOD	MULTISTATE RATIO (A)	STATE RATIO (B)	CREDIBILITY(C)	WEIGHTED RATIO (D)	Credibility Constant(Ki)
15 to 27 Months	1.610	1.545	0.6074	1.571	1,500,000
27 to 39 Months	1.306	1.130	0.6461	1.192	1,800,000
39 to 51 Months	1.079	1.018	0.6236	1.041	2,100,000
51 to 63 Months	1.014	0.976	0.6079	0.991	2,500,000
63 to 75 Months	0.994	1.001	0.6057	0.998	2,900,000
75 to 87 Months	0.995	0.999	0.5564	0.997	3,500,000
87 to 99 Months	0.999	0.999	0.5069	0.999	4,000,000
99 to 111 Months	1.000	1.016	0.4351	1.007	4,800,000
111 to 123 Months	0.998	1.000	0.4351	0.999	5,600,000
123 to 135 Months	1.000	1.000	0.4682	1.000	6,600,000
135 to 147 Months	1.000	1.000	0.4177	1.000	7,800,000
147 to 159 Months	1.001	1.000	0.3269	1.001	9,200,000
159 to 171 Months	1.000	1.000	0.2233	1.000	10,900,000
171 to 183 Months	1.000	1.000	0.1741	1.000	12,900,000
183 to 195 Months	1.000	1.000	0.1454	1.000	15,200,000
195 to 207 Months	1.001	1.000	0.1280	1.001	18,000,000
207 to 219 Months	1.001	1.000	0.1239	1.001	21,300,000
219 to 231 Months	1.001	1.000	0.0820	1.001	25,100,000
231 to 243 Months	1.001	1.000	0.0313	1.001	29,700,000
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
12/31/2017			1.041	0.991	0.998	0.997	0.999	1.007	0.999	1.000	1.000
12/31/2018		1.192	1.041	0.991	0.998	0.997	0.999	1.007	0.999	1.000	1.000
12/31/2019	1.571	1.192	1.041	0.991	0.998	0.997	0.999	1.007	0.999	1.000	1.000

	159:147	171:159	183:171	195:183	207:195	219:207	231:219	243:231	ULT:243	Factor
12/31/2017	1.001	1.000	1.000	1.000	1.001	1.001	1.001	1.001	1.004	1.041
12/31/2018	1.001	1.000	1.000	1.000	1.001	1.001	1.001	1.001	1.004	1.241
12/31/2019	1.001	1.000	1.000	1.000	1.001	1.001	1.001	1.001	1.004	1.949

(A) See Section E – Multistate Loss Development.
(B) See Section E – Statewide Loss Development.
(C) Credibility is based upon the statewide losses for each evaluation period.
(D) {(3) x (4)} + {(2) x {1.000-(4)}}

Premises/Operations

Manufacturers & Contractors
Bodily Injury
Full and Deductible Coverage
ALAE

Calculation of Cumulative Incremental Factors

	(1)	(2)	(3)	(4)	(5)	
	EVALUATION PERIOD	MULTISTATE RATIO (A)	STATE RATIO (B)	CREDIBILITY(C)	WEIGHTED RATIO (D)	Credibility Constant(Ki)
15 to 27 Months		0.0684	0.0843	0.6074	0.0781	1,500,000
27 to 39 Months		0.0935	0.1477	0.6461	0.1285	1,800,000
39 to 51 Months		0.0790	0.0846	0.6236	0.0825	2,100,000
51 to 63 Months		0.0483	0.0616	0.6079	0.0564	2,500,000
63 to 75 Months		0.0230	-0.0006	0.6057	0.0087	2,900,000
75 to 87 Months		0.0162	0.0141	0.5564	0.0151	3,500,000
87 to 99 Months		0.0054	0.0138	0.5069	0.0097	4,000,000
99 to 111 Months		0.0027	0.0032	0.4351	0.0029	4,800,000
111 to 123 Months		0.0027	0.0000	0.4351	0.0015	5,600,000
123 to 135 Months		0.0009	0.0000	0.4682	0.0005	6,600,000
135 to 147 Months		0.0011	0.0000	0.4177	0.0007	7,800,000
147 to 159 Months		0.0015	0.0000	0.3269	0.0010	9,200,000
159 to 171 Months		0.0008	0.0000	0.2233	0.0006	10,900,000
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
	0.386	0.308	0.180	0.097	0.041	0.032	0.017

Months-to-Ultimate	99	111	123	135	147	159	171
	0.007	0.004	0.003	0.002	0.002	0.001	0.000

Full Coverage

A.Y.E.	Reported ALAE as of 6/30/20	$500,000 Ultimate Indemnity	ALAE Factor	Additional ALAE	Ultimate ALAE
3/31/2018	1,208,941	4,188,507	0.180	753,934	1,962,875
3/31/2019	165,213	3,871,441	0.308	1,192,401	1,357,614
3/31/2020	249,723	4,781,248	0.386	1,845,561	2,095,284

Deductible Coverage

A.Y.E.	Reported ALAE as of 6/30/20	$500,000 Ultimate Indemnity	ALAE Factor	Additional ALAE	Ultimate ALAE
3/31/2018	53,770	402,432	0.180	72,437	126,207
3/31/2019	13,580	53,162	0.308	16,374	29,954
3/31/2020	17,661	2,015,247	0.386	777,886	795,547

(A) See Section E - Multistate Loss Development.
(B) See Section E - Statewide Loss Development.
(C) Credibility is based upon the statewide losses for each evaluation period.
(D) {(3) x (4)} + {(2) x {1.000-(4)}}

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                              ARIZONA

                         Premises/Operations

                      Manufacturers & Contractors
                           Property Damage
                            Full Coverage
                      Incurred Losses excluding ALAE

                   Calculation of Loss Development Factors

        (1)            (2)         (3)          (4)          (5)

    EVALUATION      MULTISTATE    STATE                   WEIGHTED    Credibility
      PERIOD        RATIO (A)   RATIO (B)  CREDIBILITY(C)  RATIO (D)  Constant(Ki)

  15 to  27 Months    1.126       1.227       0.6328        1.190     2,800,000
  27 to  39 Months    1.049       1.088       0.6110        1.073     2,900,000
  39 to  51 Months    1.021       1.036       0.6152        1.030     3,000,000
  51 to  63 Months    1.007       1.025       0.6012        1.018     3,200,000
  63 to  75 Months    1.005       1.004       0.5964        1.004     3,300,000
  75 to  87 Months    1.009       0.992       0.5686        0.999     3,400,000
  87 to  99 Months    1.006       1.002       0.5290        1.004     3,600,000
  99 to 111 Months    1.004       0.998       0.5080        1.001     3,700,000
 111 to 123 Months    1.004       0.998       0.4649        1.001     3,900,000
 123 to 135 Months    1.003       0.992       0.4615        0.998     4,100,000
 135 to 147 Months    1.001       1.000       0.4271        1.001     4,200,000
 147 to 159 Months    1.002       1.004       0.4465        1.003     4,400,000
 159 to 171 Months    1.002       1.000       0.4215        1.001     4,600,000
 171 to 183 Months    1.001       1.000       0.4078        1.001     4,800,000
 183 to 195 Months    1.001       1.000       0.3783        1.001     5,000,000
 195 to 207 Months    1.001       1.000       0.3788        1.001     5,200,000
 207 to 219 Months    1.001       1.000       0.4107        1.001     5,400,000
 219 to 231 Months    1.001       1.000       0.3093        1.001     5,700,000
 231 to 243 Months    1.001       1.000       0.1990        1.001     5,900,000
 243 to ULTIMATE      The Multistate ratio has been used.
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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
12/31/2017			1.030	1.018	1.004	0.999	1.004	1.001	1.001	0.998	1.001
12/31/2018		1.073	1.030	1.018	1.004	0.999	1.004	1.001	1.001	0.998	1.001
12/31/2019	1.190	1.073	1.030	1.018	1.004	0.999	1.004	1.001	1.001	0.998	1.001

Accident Year Ending	159:147	171:159	183:171	195:183	207:195	219:207	231:219	243:231	ULT:243	Factor
12/31/2017	1.003	1.001	1.001	1.001	1.001	1.001	1.001	1.001	1.004	1.072
12/31/2018	1.003	1.001	1.001	1.001	1.001	1.001	1.001	1.001	1.004	1.150
12/31/2019	1.003	1.001	1.001	1.001	1.001	1.001	1.001	1.001	1.004	1.369

(A) See Section E - Multistate Loss Development.
(B) See Section E - Statewide Loss Development.
(C) Credibility is based upon the statewide losses for each evaluation period.
(D) {(3) x (4)} + {(2) x {1.000-(4)}}

Premises/Operations

Manufacturers & Contractors
Property Damage
Full and Deductible Coverage
ALAE

Calculation of Cumulative Incremental Factors

(1)	(2)	(3)	(4)	(5)	
EVALUATION PERIOD	MULTISTATE RATIO (A)	STATE RATIO (B)	CREDIBILITY(C)	WEIGHTED RATIO (D)	Credibility Constant(Ki)
15 to 27 Months	0.0413	0.0344	0.6328	0.0369	2,800,000
27 to 39 Months	0.0422	0.0355	0.6110	0.0381	2,900,000
39 to 51 Months	0.0477	0.0231	0.6152	0.0325	3,000,000
51 to 63 Months	0.0359	0.0385	0.6012	0.0374	3,200,000
63 to 75 Months	0.0207	0.0153	0.5964	0.0175	3,300,000
75 to 87 Months	0.0101	0.0099	0.5686	0.0100	3,400,000
87 to 99 Months	0.0098	0.0034	0.5290	0.0064	3,600,000
99 to 111 Months	0.0074	-0.0001	0.5080	0.0036	3,700,000
111 to 123 Months	0.0082	0.0036	0.4649	0.0060	3,900,000
123 to 135 Months	0.0052	0.0036	0.4615	0.0045	4,100,000
135 to 147 Months	0.0026	0.0015	0.4271	0.0021	4,200,000
147 to 159 Months	0.0047	0.0209	0.4465	0.0119	4,400,000
159 to 171 Months	0.0046	0.0000	0.4215	0.0027	4,600,000
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
	0.210	0.173	0.135	0.102	0.065	0.047	0.037

Months-to-Ultimate	99	111	123	135	147	159	171
	0.031	0.027	0.021	0.017	0.015	0.003	0.000

Full Coverage

A.Y.E.	Reported ALAE as of 6/30/20	$500,000 Ultimate Indemnity	ALAE Factor	Additional ALAE	Ultimate ALAE
3/31/2018	304,358	3,612,091	0.135	487,629	791,987
3/31/2019	187,952	4,713,454	0.173	815,425	1,003,377
3/31/2020	249,786	7,123,468	0.210	1,495,923	1,745,709

Deductible Coverage

A.Y.E.	Reported ALAE as of 6/30/20	$500,000 Ultimate Indemnity	ALAE Factor	Additional ALAE	Ultimate ALAE
3/31/2018	195,337	982,414	0.135	132,625	327,962
3/31/2019	118,189	624,774	0.173	108,087	226,276
3/31/2020	31,859	744,920	0.210	156,435	188,294

(A) See Section E - Multistate Loss Development.
(B) See Section E - Statewide Loss Development.
(C) Credibility is based upon the statewide losses for each evaluation period.
(D) {(3) x (4)} + {(2) x {1.000-(4)}}

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                              ARIZONA

                        Premises/Operations

                    Manufacturers & Contractors
                              Fringe
                           Full Coverage
                              ALAE

              Calculation of Cumulative Incremental Factors

          (1)                 (2)

      EVALUATION          MULTISTATE
        PERIOD            RATIO (A)

  15 to  27 Months        0.1794
  27 to  39 Months        0.1631
  39 to  51 Months        0.1315
  51 to  63 Months        0.1054
  63 to  75 Months        0.0529
  75 to  87 Months        0.0371
  87 to  99 Months        0.0182
  99 to 111 Months        0.0116
 111 to 123 Months        0.0028
 123 to 135 Months        0.0017
 135 to 147 Months        0.0005
 147 to 159 Months        0.0010
 159 to 171 Months        0.0005
 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
                         0.706    0.526    0.363    0.232    0.126    0.073    0.036

 Months-to-Ultimate        99      111      123      135      147      159      171
                         0.018    0.006    0.004    0.002    0.002    0.001    0.000


                 Reported ALAE      $500,000        ALAE     Additional   Ultimate
    A.Y.E.       as of 6/30/20  Ultimate Indemnity  Factor      ALAE        ALAE
  3/31/2018         142,824           262,974        0.363      95,460     238,284
  3/31/2019               0            85,106        0.526      44,765      44,765
  3/31/2020          60,415           961,751        0.706     678,995     739,410

 (A) See Section E - Multistate Loss Development.
 Note: Fringe Incremental ALAE Factors are calculated using multistate data.
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                              ARIZONA

                         Premises/Operations

                     Owners, Landlords & Tenants
                            Bodily Injury
                            Full Coverage
                     Incurred Losses excluding ALAE

                   Calculation of Loss Development Factors
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	(1) EVALUATION PERIOD	(2) MULTISTATE RATIO (A)	(3) STATE RATIO (B)	(4) CREDIBILITY(C)	(5) WEIGHTED RATIO (D)	Credibility Constant(Ki)
15 to 27 Months		1.400	1.363	0.8608	1.368	1,700,000
27 to 39 Months		1.199	1.195	0.8758	1.195	2,100,000
39 to 51 Months		1.056	1.024	0.8483	1.029	2,700,000
51 to 63 Months		1.004	0.984	0.8202	0.988	3,400,000
63 to 75 Months		0.995	0.999	0.7675	0.998	4,300,000
75 to 87 Months		0.995	1.003	0.7522	1.001	5,400,000
87 to 99 Months		0.996	1.003	0.7012	1.001	6,900,000
99 to 111 Months		0.998	1.002	0.6567	1.001	8,700,000
111 to 123 Months		0.999	1.000	0.5647	1.000	11,100,000
123 to 135 Months		1.000	1.000	0.5043	1.000	14,000,000
135 to 147 Months		1.001	1.000	0.4273	1.001	17,800,000
147 to 159 Months		1.000	1.000	0.3697	1.000	22,600,000
159 to 171 Months		1.000	1.000	0.3116	1.000	28,800,000
171 to 183 Months		1.001	1.000	0.2527	1.001	36,500,000
183 to 195 Months		1.000	1.000	0.2011	1.000	46,600,000
195 to 207 Months		1.000	1.000	0.1526	1.000	59,300,000
207 to 219 Months		1.000	1.000	0.1295	1.000	75,700,000
219 to 231 Months		1.000	1.000	0.0752	1.000	96,500,000
231 to 243 Months		1.000	1.000	0.0327	1.000	123,400,000
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
12/31/2017			1.029	0.988	0.998	1.001	1.001	1.001	1.000	1.000	1.001
12/31/2018		1.195	1.029	0.988	0.998	1.001	1.001	1.001	1.000	1.000	1.001
12/31/2019	1.368	1.195	1.029	0.988	0.998	1.001	1.001	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
12/31/2017	1.000	1.000	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.020
12/31/2018	1.000	1.000	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.219
12/31/2019	1.000	1.000	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.667

(A) See Section E - Multistate Loss Development.
(B) See Section E - Statewide Loss Development.
(C) Credibility is based upon the statewide losses for each evaluation period.
(D) {(3) x (4)} + {(2) x {1.000-(4)}}

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                                     ARIZONA

                               Premises/Operations

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

                     Calculation of Cumulative Incremental Factors

            (1)              (2)            (3)            (4)            (5)

         EVALUATION       MULTISTATE       STATE                      WEIGHTED      Credibility
           PERIOD         RATIO (A)      RATIO (B)    CREDIBILITY(C)   RATIO (D)     Constant(Ki)

     15 to   27 Months      0.0635        0.0719          0.8608       0.0708        1,700,000
     27 to   39 Months      0.0806        0.1088          0.8758       0.1053        2,100,000
     39 to   51 Months      0.0573        0.0488          0.8483       0.0501        2,700,000
     51 to   63 Months      0.0288        0.0332          0.8202       0.0324        3,400,000
     63 to   75 Months      0.0110        0.0043          0.7675       0.0058        4,300,000
     75 to   87 Months      0.0068        0.0098          0.7522       0.0091        5,400,000
     87 to   99 Months      0.0037        0.0040          0.7012       0.0039        6,900,000
     99 to  111 Months      0.0015        0.0013          0.6567       0.0013        8,700,000
    111 to  123 Months      0.0027        0.0000          0.5647       0.0012       11,100,000
    123 to  135 Months      0.0011        0.0001          0.5043       0.0006       14,000,000
    135 to  147 Months      0.0009        0.0000          0.4273       0.0005       17,800,000
    147 to  159 Months      0.0009        0.0000          0.3697       0.0006       22,600,000
    159 to  171 Months      0.0004        0.0006          0.3116       0.0004       28,800,000
    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
                             0.282     0.211     0.106     0.056     0.023     0.018     0.009

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

Full Coverage

A.Y.E.	Reported ALAE as of 6/30/20	$500,000 Ultimate Indemnity	ALAE Factor	Additional ALAE	Ultimate ALAE
3/31/2018	2,743,666	11,822,454	0.106	1,253,176	3,996,842
3/31/2019	1,374,518	13,324,811	0.211	2,811,536	4,186,054
3/31/2020	893,706	17,220,381	0.282	4,856,144	5,749,850

Deductible Coverage

A.Y.E.	Reported ALAE as of 6/30/20	$500,000 Ultimate Indemnity	ALAE Factor	Additional ALAE	Ultimate ALAE
3/31/2018	186,365	583,653	0.106	61,868	248,233
3/31/2019	152,854	713,604	0.211	150,570	303,424
3/31/2020	46,013	868,549	0.282	244,930	290,943

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    (A) See Section E - Multistate Loss Development.
    (B) See Section E - Statewide Loss Development.
    (C) Credibility is based upon the statewide losses for each evaluation period.
    (D) {(3) x (4)} + {(2) x {1.000-(4)}}
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                                    ARIZONA

                               Premises/Operations

                           Owners, Landlords & Tenants
                                Property Damage
                                 Full Coverage
                           Incurred Losses excluding ALAE

                        Calculation of Loss Development Factors
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	(1)	(2)	(3)	(4)	(5)
	EVALUATION PERIOD	MULTISTATE RATIO (A)	STATE RATIO (B)	CREDIBILITY(C)	WEIGHTED RATIO (D)	Credibility Constant(Ki)
	15 to 27 Months	1.159	1.023	0.6306	1.073	1,000,000
	27 to 39 Months	1.079	1.098	0.5714	1.090	1,100,000
	39 to 51 Months	1.038	1.016	0.5275	1.026	1,300,000
	51 to 63 Months	1.009	1.011	0.4767	1.010	1,500,000
	63 to 75 Months	1.004	1.013	0.5006	1.009	1,600,000
	75 to 87 Months	1.008	0.998	0.4348	1.004	1,900,000
	87 to 99 Months	1.007	1.000	0.4144	1.004	2,200,000
	99 to 111 Months	1.003	1.000	0.3722	1.002	2,400,000
	111 to 123 Months	1.001	1.000	0.3482	1.001	2,700,000
	123 to 135 Months	1.001	1.000	0.3097	1.001	3,200,000
	135 to 147 Months	1.001	1.000	0.2176	1.001	3,600,000
	147 to 159 Months	0.999	1.000	0.2455	0.999	4,100,000
	159 to 171 Months	1.002	1.000	0.2128	1.002	4,700,000
	171 to 183 Months	1.001	1.000	0.1965	1.001	5,400,000
	183 to 195 Months	1.002	1.000	0.1390	1.002	6,000,000
	195 to 207 Months	1.001	1.000	0.0969	1.001	6,900,000
	207 to 219 Months	1.001	1.000	0.1098	1.001	7,900,000
	219 to 231 Months	1.001	1.000	0.0735	1.001	9,000,000
	231 to 243 Months	1.001	1.000	0.0378	1.001	10,300,000
	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
12/31/2017			1.026	1.010	1.009	1.004	1.004	1.002	1.001	1.001	1.001
12/31/2018		1.090	1.026	1.010	1.009	1.004	1.004	1.002	1.001	1.001	1.001
12/31/2019	1.073	1.090	1.026	1.010	1.009	1.004	1.004	1.002	1.001	1.001	1.001

	159:147	171:159	183:171	195:183	207:195	219:207	231:219	243:231	ULT:243		Factor
12/31/2017	0.999	1.002	1.001	1.002	1.001	1.001	1.001	1.001	1.004		1.072
12/31/2018	0.999	1.002	1.001	1.002	1.001	1.001	1.001	1.001	1.004		1.169
12/31/2019	0.999	1.002	1.001	1.002	1.001	1.001	1.001	1.001	1.004		1.254

(A) See Section E – Multistate Loss Development.
(B) See Section E – Statewide Loss Development.
(C) Credibility is based upon the statewide losses for each evaluation period.
(D) {(3) x (4)} + {(2) x {1.000-(4)}}

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                              ARIZONA

                         Premises/Operations

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

                  Calculation of Cumulative Incremental Factors
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(1)	(2)	(3)	(4)	(5)	
EVALUATION PERIOD	MULTISTATE RATIO (A)	STATE RATIO (B)	CREDIBILITY(C)	WEIGHTED RATIO (D)	Credibility Constant(Ki)
15 to 27 Months	0.0734	0.0809	0.6306	0.0781	1,000,000
27 to 39 Months	0.0811	0.0745	0.5714	0.0773	1,100,000
39 to 51 Months	0.0655	0.0722	0.5275	0.0691	1,300,000
51 to 63 Months	0.0427	0.0264	0.4767	0.0349	1,500,000
63 to 75 Months	0.0359	0.0247	0.5006	0.0303	1,600,000
75 to 87 Months	0.0116	0.0011	0.4348	0.0070	1,900,000
87 to 99 Months	0.0172	0.0000	0.4144	0.0100	2,200,000
99 to 111 Months	0.0093	0.0000	0.3722	0.0058	2,400,000
111 to 123 Months	0.0104	0.0000	0.3482	0.0068	2,700,000
123 to 135 Months	0.0071	0.0000	0.3097	0.0049	3,200,000
135 to 147 Months	0.0081	0.0000	0.2176	0.0064	3,600,000
147 to 159 Months	-0.0004	0.0000	0.2455	-0.0003	4,100,000
159 to 171 Months	0.0023	0.0000	0.2128	0.0018	4,700,000
171 to Ultimate	A multistate ratio of 0.0000 has been used.				

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                      Cumulative Incremental Factors
    Months-to-Ultimate     15       27       39       51       63       75       87
                         0.332    0.254    0.177    0.108    0.073    0.042    0.035

    Months-to-Ultimate     99      111      123      135      147      159      171
                         0.025    0.020    0.013    0.008    0.001    0.002    0.000
```

Full Coverage

	Reported ALAE	$500,000	ALAE	Additional	Ultimate
A.Y.E.	as of 6/30/20	Ultimate Indemnity	Factor	ALAE	ALAE
3/31/2018	363,857	1,008,241	0.177	178,458	542,315
3/31/2019	341,850	1,345,725	0.254	341,814	683,664
3/31/2020	152,052	1,446,713	0.332	480,310	632,362

Deductible Coverage

	Reported ALAE	$500,000	ALAE	Additional	Ultimate
A.Y.E.	as of 6/30/20	Ultimate Indemnity	Factor	ALAE	ALAE
3/31/2018	5,386	28,713	0.177	5,083	10,469
3/31/2019	121,927	141,360	0.254	35,905	157,832
3/31/2020	1,732	23,894	0.332	7,933	9,665

(A) See Section E - Multistate Loss Development.
(B) See Section E - Statewide Loss Development.
(C) Credibility is based upon the statewide losses for each evaluation period.
(D) {(3) x (4)} + {(2) x {1.000-(4)}}

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                                    ARIZONA

                              Premises/Operations

                          Owners, Landlords & Tenants
                                    Fringe
                                 Full Coverage
                                     ALAE

                      Calculation of Cumulative Incremental Factors

            (1)                  (2)

         EVALUATION           MULTISTATE
           PERIOD             RATIO (A)

     15 to   27 Months        0.2120
     27 to   39 Months        0.1940
     39 to   51 Months        0.1766
     51 to   63 Months        0.1406
     63 to   75 Months        0.1083
     75 to   87 Months        0.0944
     87 to   99 Months        0.0316
     99 to  111 Months        0.0188
    111 to  123 Months        0.0057
    123 to  135 Months        0.0015
    135 to  147 Months        0.0020
    147 to  159 Months        0.0019
    159 to  171 Months        0.0074
    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
                            0.995     0.783     0.589     0.412     0.271     0.163     0.069

    Months-to-Ultimate        99       111       123       135       147       159       171
                            0.037     0.018     0.013     0.011     0.009     0.007     0.000


                   Reported ALAE      $500,000         ALAE     Additional   Ultimate
      A.Y.E.       as of 6/30/20   Ultimate Indemnity  Factor      ALAE        ALAE
    3/31/2018         500,937          795,966         0.589     468,825     969,762
    3/31/2019          80,146          375,354         0.783     293,902     374,048
    3/31/2020           1,413           68,101         0.995      67,760      69,173


    (A) See Section E - Multistate Loss Development.
    Note: Fringe Incremental ALAE Factors are calculated using multistate data.
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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
12/31/2000	267,301	571,533	734,257	815,988	949,427	947,177	959,927	980,118	961,118	959,118	959,118
12/31/2001	650,404	1,052,547	1,264,193	1,332,145	1,226,814	1,254,659	1,245,151	1,284,314	1,284,314	1,284,314	1,284,314
12/31/2002	450,197	410,395	798,396	842,897	863,396	755,918	757,033	822,333	822,333	822,333	822,333
12/31/2003	387,561	474,941	565,630	498,990	543,346	589,346	589,346	589,346	589,346	589,346	589,346
12/31/2004	459,546	1,011,963	1,288,708	1,193,136	1,248,106	1,198,106	1,228,106	1,228,106	1,228,106	1,228,106	1,228,106
12/31/2005	258,941	1,018,021	990,562	847,362	898,712	901,535	901,535	901,535	901,535	901,535	901,535
12/31/2006	894,119	1,245,736	1,205,140	1,218,069	1,083,611	1,003,911	1,003,911	1,003,911	1,003,911	1,003,911	1,003,911
12/31/2007	1,208,891	1,893,214	1,921,729	2,356,415	2,507,964	2,435,465	2,361,815	2,361,815	2,561,715	2,561,715	2,561,715
12/31/2008	896,610	1,525,792	1,783,742	1,959,005	2,093,612	2,030,623	2,038,123	2,030,623	2,030,623	2,030,623	2,030,623
12/31/2009	570,997	1,106,327	1,266,463	1,301,894	1,215,402	1,215,402	1,215,402	1,218,402	1,218,402	1,219,402	1,309,333
12/31/2010	412,008	717,209	942,999	1,072,980	1,060,186	1,047,394	1,055,894	1,049,237	1,063,394	1,153,394	
12/31/2011	843,187	1,083,050	1,418,187	1,368,392	1,329,516	1,480,646	1,411,627	1,429,483	1,478,603		
12/31/2012	946,859	1,383,161	1,630,154	1,677,602	1,673,452	1,663,849	1,644,262	1,640,400			
12/31/2013	867,955	1,182,951	1,319,318	1,406,797	1,348,787	1,244,737	1,271,634				
12/31/2014	689,085	1,466,306	1,647,232	1,539,811	1,432,586	1,462,586					
12/31/2015	683,474	984,033	871,831	928,605	958,605						
12/31/2016	502,798	831,944	959,501	922,087							
12/31/2017	1,203,507	1,469,854	1,895,031								
12/31/2018	614,790	947,002									
12/31/2019	820,821										

A.Y.E.	147 Months	159 Months	171 Months	183 Months	195 Months	207 Months	219 Months	231 Months	243 Months
12/31/2000	959,118	959,118	959,118	959,118	959,118	959,118	959,118	959,118	959,118
12/31/2001	1,284,314	1,284,314	1,284,314	1,284,314	1,284,314	1,284,314	1,284,314	1,284,314	
12/31/2002	768,097	768,097	768,097	768,097	768,097	768,097	768,097		
12/31/2003	589,346	589,346	589,346	589,346	589,346	589,346			
12/31/2004	1,228,106	1,228,106	1,228,106	1,228,106	1,228,106				
12/31/2005	901,535	901,535	901,535	901,535					
12/31/2006	1,003,911	1,003,911	1,003,911						
12/31/2007	2,561,715	2,561,715							
12/31/2008	2,030,623								

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
12/31/2000	2.138	1.285	1.111	1.164	0.998	1.013	1.021	0.981	0.998	1.000	1.000
12/31/2001	1.618	1.201	1.054	0.921	1.023	0.992	1.031	1.000	1.000	1.000	1.000
12/31/2002	0.912	1.945	1.056	1.024	0.876	1.001	1.086	1.000	1.000	1.000	0.934
12/31/2003	1.225	1.191	0.882	1.089	1.085	1.000	1.000	1.000	1.000	1.000	1.000
12/31/2004	2.202	1.273	0.926	1.046	0.960	1.025	1.000	1.000	1.000	1.000	1.000
12/31/2005	3.931	0.973	0.855	1.061	1.003	1.000	1.000	1.000	1.000	1.000	1.000
12/31/2006	1.393	0.967	1.011	0.890	0.926	1.000	1.000	1.000	1.000	1.000	1.000
12/31/2007	1.566	1.015	1.226	1.064	0.971	0.970	1.000	1.085	1.000	1.000	1.000
12/31/2008	1.702	1.169	1.098	1.069	0.970	1.004	0.996	1.000	1.000	1.000	1.000
12/31/2009	1.938	1.145	1.028	0.934	1.000	1.000	1.002	1.000	1.001	1.074	
12/31/2010	1.741	1.315	1.138	0.988	0.988	1.008	0.994	1.013	1.085		
12/31/2011	1.284	1.309	0.965	0.972	1.114	0.953	1.013	1.034			
12/31/2012	1.461	1.179	1.029	0.998	0.994	0.988	0.998				
12/31/2013	1.363	1.115	1.066	0.959	0.923	1.022					
12/31/2014	2.128	1.123	0.935	0.930	1.021						
12/31/2015	1.440	0.886	1.065	1.032							
12/31/2016	1.655	1.153	0.961								
12/31/2017	1.221	1.289									
12/31/2018	1.540										
3 Yr Mean	1.472	1.109	0.987	0.974	0.979	0.988	1.002	1.016	1.029	1.025	1.000
Best 3/5	1.545	1.130	1.018	0.976	1.001	0.999	0.999	1.016	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
12/31/2000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
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					
12/31/2006	1.000	1.000						
12/31/2007	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
12/31/2015					1.001	0.999	0.999	1.016	1.000	1.000	1.000
12/31/2016				0.976	1.001	0.999	0.999	1.016	1.000	1.000	1.000
12/31/2017			1.018	0.976	1.001	0.999	0.999	1.016	1.000	1.000	1.000
12/31/2018		1.130	1.018	0.976	1.001	0.999	0.999	1.016	1.000	1.000	1.000
12/31/2019	1.545	1.130	1.018	0.976	1.001	0.999	0.999	1.016	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
12/31/2015	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000*	1.015
12/31/2016	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000*	0.991
12/31/2017	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000*	1.008
12/31/2018	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000*	1.140
12/31/2019	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000*	1.761

* Calculated Using Modified Bondy Method
@ 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
12/31/2000	47,622	166,644	253,561	298,873	378,485	416,420	435,033	447,272	459,542	462,153	462,153
12/31/2001	34,112	61,697	268,697	424,834	496,645	539,492	596,462	628,909	629,198	629,198	629,198
12/31/2002	52,326	90,229	302,515	597,348	679,205	683,205	687,563	683,552	701,794	824,606	911,187
12/31/2003	100,288	119,308	339,844	662,837	745,573	1,019,115	1,017,915	1,017,915	1,017,915	1,017,915	1,017,915
12/31/2004	5,233	83,940	333,204	727,371	857,234	1,123,121	1,231,550	1,253,097	1,268,097	1,343,097	1,343,097
12/31/2005	33,280	421,048	635,982	692,869	708,823	778,039	772,533	770,645	770,645	770,645	770,645
12/31/2006	57,351	177,825	479,584	634,608	903,760	932,198	1,076,030	1,106,276	1,106,276	1,106,276	1,106,276
12/31/2007	114,361	420,232	720,335	911,582	1,055,559	1,155,276	1,135,436	1,135,436	1,176,462	1,176,462	1,176,462
12/31/2008	11,384	268,618	682,291	975,076	936,110	961,076	976,111	976,222	976,222	976,222	976,222
12/31/2009	175,954	337,126	547,289	607,292	646,072	660,844	660,844	660,844	660,844	691,108	725,771
12/31/2010	61,589	196,459	393,788	683,159	750,517	747,327	766,904	776,904	806,904	806,283	
12/31/2011	54,824	281,376	583,948	950,558	1,172,869	1,169,830	1,452,629	1,730,578	1,731,305		
12/31/2012	78,833	227,668	928,341	1,395,074	1,948,576	1,957,109	1,964,944	2,063,730			
12/31/2013	131,423	372,741	715,867	1,107,827	1,315,427	1,320,404	1,389,712				
12/31/2014	73,815	643,917	1,097,093	1,221,119	1,297,502	1,261,168					
12/31/2015	105,928	261,941	516,701	512,003	513,279						
12/31/2016	88,424	280,700	319,178	449,399							
12/31/2017	168,239	324,255	832,396								
12/31/2018	67,524	147,317									
12/31/2019	254,893										

A.Y.E.	147 Months	159 Months	171 Months	183 Months	195 Months	207 Months	219 Months	231 Months	243 Months
12/31/2000	462,153	462,339	462,339	462,339	462,339	462,339	462,339	462,339	462,339
12/31/2001	629,198	629,198	629,198	629,198	629,198	629,198	629,198	629,198	
12/31/2002	935,063	937,154	937,154	937,154	937,154	937,154	937,154		
12/31/2003	1,017,915	1,017,915	1,017,915	1,017,915	1,017,915	1,017,915			
12/31/2004	1,344,085	1,344,085	1,344,085	1,344,085	1,344,085				
12/31/2005	770,645	770,645	770,645	770,645					
12/31/2006	1,106,276	1,106,276	1,106,276						
12/31/2007	1,176,462	1,176,462							
12/31/2008	976,222								

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
12/31/2000	119,022	86,917	45,312	79,612	37,935	18,613	12,239	12,270	2,611	0	0	186	0
12/31/2001	27,585	207,000	156,137	71,811	42,847	56,970	32,447	289	0	0	0	0	0
12/31/2002	37,903	212,286	294,833	81,857	4,000	4,358	-4,011	18,242	122,812	86,581	23,876	2,091	0
12/31/2003	19,020	220,536	322,993	82,736	273,542	-1,200	0	0	0	0	0	0	0
12/31/2004	78,707	249,264	394,167	129,863	265,887	108,429	21,547	15,000	75,000	0	988	0	0
12/31/2005	387,768	214,934	56,887	15,954	69,216	-5,506	-1,888	0	0	0	0	0	0
12/31/2006	120,474	301,759	155,024	269,152	28,438	143,832	30,246	0	0	0	0	0	0
12/31/2007	305,871	300,103	191,247	143,977	99,717	-19,840	0	41,026	0	0	0	0	
12/31/2008	257,234	413,673	292,785	-38,966	24,966	15,035	111	0	0	0	0		
12/31/2009	161,172	210,163	60,003	38,780	14,772	0	0	0	30,264	34,663			
12/31/2010	134,870	197,329	289,371	67,358	-3,190	19,577	10,000	30,000	-621				
12/31/2011	226,552	302,572	366,610	222,311	-3,039	282,799	277,949	727					
12/31/2012	148,835	700,673	466,733	553,502	8,533	7,835	98,786						
12/31/2013	241,318	343,126	391,960	207,600	4,977	69,308							
12/31/2014	570,102	453,176	124,026	76,383	-36,334								
12/31/2015	156,013	254,760	-4,698	1,276									
12/31/2016	192,276	38,478	130,221										
12/31/2017	156,016	508,141											
12/31/2018	79,793												

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
12/31/2000	0.0708	0.0517	0.0270	0.0474	0.0226	0.0111	0.0073	0.0073	0.0016	0.0000	0.0000	0.0001	0.0000
12/31/2001	0.0197	0.1477	0.1114	0.0512	0.0306	0.0406	0.0231	0.0002	0.0000	0.0000	0.0000	0.0000	0.0000
12/31/2002	0.0298	0.1667	0.2316	0.0643	0.0031	0.0034	-0.0032	0.0143	0.0965	0.0680	0.0188	0.0016	0.0000
12/31/2003	0.0192	0.2229	0.3265	0.0836	0.2765	-0.0012	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12/31/2004	0.0279	0.0884	0.1398	0.0461	0.0943	0.0385	0.0076	0.0053	0.0266	0.0000	0.0004	0.0000	0.0000
12/31/2005	0.2591	0.1436	0.0380	0.0107	0.0463	-0.0037	-0.0013	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12/31/2006	0.0514	0.1287	0.0661	0.1148	0.0121	0.0614	0.0129	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12/31/2007	0.0692	0.0679	0.0433	0.0326	0.0226	-0.0045	0.0000	0.0093	0.0000	0.0000	0.0000	0.0000	
12/31/2008	0.0909	0.1462	0.1035	-0.0138	0.0088	0.0053	0.0000	0.0000	0.0000	0.0000	0.0000		
12/31/2009	0.0742	0.0968	0.0276	0.0179	0.0068	0.0000	0.0000	0.0000	0.0139	0.0160			
12/31/2010	0.1026	0.1501	0.2201	0.0512	-0.0024	0.0149	0.0076	0.0228	-0.0005				
12/31/2011	0.0835	0.1115	0.1351	0.0819	-0.0011	0.1042	0.1024	0.0003					
12/31/2012	0.0507	0.2387	0.1590	0.1886	0.0029	0.0027	0.0337						
12/31/2013	0.0864	0.1228	0.1403	0.0743	0.0018	0.0248							
12/31/2014	0.2138	0.1699	0.0465	0.0286	-0.0136								
12/31/2015	0.1079	0.1762	-0.0032	0.0009									
12/31/2016	0.0990	0.0198	0.0670										
12/31/2017	0.0462	0.1503											
12/31/2018	0.0359												
Best 3/5	0.0843	0.1477	0.0846	0.0616	-0.0006	0.0141	0.0138	0.0032	0.0000	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
12/31/2000	822,277	930,931	1,252,219	1,382,679	1,452,658	1,410,409	1,431,909	1,391,599	1,381,831	1,375,276	1,380,276
12/31/2001	587,979	672,766	794,279	1,032,466	1,012,526	1,077,489	1,073,692	1,146,765	1,087,650	1,087,650	1,086,250
12/31/2002	1,029,299	1,001,227	1,217,816	1,194,161	1,194,161	1,209,738	1,216,153	1,216,153	1,211,154	1,211,154	1,211,154
12/31/2003	818,677	1,001,274	900,224	727,979	847,832	847,834	878,630	863,564	862,065	873,585	873,584
12/31/2004	815,358	980,376	1,018,024	963,050	953,550	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	924,487	866,702	876,052	822,613	889,212	885,986	885,986	905,986	931,986	911,086	894,736
12/31/2007	1,093,346	1,260,817	1,172,883	1,093,727	1,140,499	1,140,499	1,180,599	1,180,601	1,180,509	1,180,505	1,180,499
12/31/2008	1,070,752	988,716	1,113,556	1,107,274	1,094,162	1,044,166	1,069,164	1,046,767	1,046,912	1,061,662	1,055,774
12/31/2009	1,208,445	1,286,329	1,225,729	1,223,084	1,270,490	1,299,418	1,271,500	1,349,261	1,279,890	1,271,836	1,271,834
12/31/2010	976,914	946,464	985,917	1,062,920	1,161,170	1,161,672	1,061,668	1,061,676	1,061,676	1,061,666	
12/31/2011	1,307,098	1,264,681	1,400,184	1,389,225	1,426,856	1,396,372	1,405,402	1,409,346	1,399,336		
12/31/2012	1,189,558	1,508,456	1,497,689	1,509,597	1,564,927	1,582,634	1,576,137	1,580,630			
12/31/2013	1,224,553	1,292,879	1,677,305	1,519,298	1,461,083	1,502,332	1,502,332				
12/31/2014	1,273,955	1,731,845	1,812,570	1,830,546	1,849,796	1,849,796					
12/31/2015	964,543	1,227,368	1,352,676	1,474,425	1,596,676						
12/31/2016	1,243,970	1,617,917	1,631,415	1,802,948							
12/31/2017	1,541,433	1,709,960	1,904,962								
12/31/2018	2,040,713	2,138,070									
12/31/2019	2,292,531										

A.Y.E.	147 Months	159 Months	171 Months	183 Months	195 Months	207 Months	219 Months	231 Months	243 Months
12/31/2000	1,465,766	1,465,766	1,465,766	1,465,766	1,465,766	1,465,766	1,465,766	1,465,766	1,465,766
12/31/2001	1,086,250	1,086,250	1,086,250	1,086,250	1,086,250	1,086,250	1,086,250	1,086,250	
12/31/2002	1,211,154	1,211,154	1,211,154	1,211,154	1,211,154	1,211,154	1,211,154		
12/31/2003	873,584	873,566	873,564	873,564	873,564	873,564			
12/31/2004	957,612	957,610	957,610	957,610	960,637				
12/31/2005	1,474,634	1,474,634	1,474,634	1,474,634					
12/31/2006	894,736	919,736	919,736						
12/31/2007	1,180,499	1,195,499							
12/31/2008	1,080,774								

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
12/31/2000	1.132	1.345	1.104	1.051	0.971	1.015	0.972	0.993	0.995	1.004	1.062
12/31/2001	1.144	1.181	1.300	0.981	1.064	0.996	1.068	0.948	1.000	0.999	1.000
12/31/2002	0.973	1.216	0.981	1.000	1.013	1.005	1.000	0.996	1.000	1.000	1.000
12/31/2003	1.223	0.899	0.809	1.165	1.000	1.036	0.983	0.998	1.013	1.000	1.000
12/31/2004	1.202	1.038	0.946	0.990	1.020	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	0.937	1.011	0.939	1.081	0.996	1.000	1.023	1.029	0.978	0.982	1.000
12/31/2007	1.153	0.930	0.933	1.043	1.000	1.035	1.000	1.000	1.000	1.000	1.000
12/31/2008	0.923	1.126	0.994	0.988	0.954	1.024	0.979	1.000	1.014	0.994	1.024
12/31/2009	1.064	0.953	0.998	1.039	1.023	0.979	1.061	0.949	0.994	1.000	
12/31/2010	0.969	1.042	1.078	1.092	1.000	0.914	1.000	1.000	1.000		
12/31/2011	0.968	1.107	0.992	1.027	0.979	1.006	1.003	0.993			
12/31/2012	1.268	0.993	1.008	1.037	1.011	0.996	1.003				
12/31/2013	1.056	1.297	0.906	0.962	1.028	1.000					
12/31/2014	1.359	1.047	1.010	1.011	1.000						
12/31/2015	1.272	1.102	1.090	1.083							
12/31/2016	1.301	1.008	1.105								
12/31/2017	1.109	1.114									
12/31/2018	1.048										
3 Yr Mean	1.153	1.075	1.068	1.019	1.013	1.001	1.002	0.981	1.003	0.998	1.008
Best 3/5	1.227	1.088	1.036	1.025	1.004	0.992	1.002	0.998	0.998	0.992	1.000

A.Y.E.	159:147	171:159	183:171	195:183	207:195	219:207	231:219	243:231
12/31/2000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
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	1.003	1.000 *	1.000 *	1.000 *	1.000 *
12/31/2005	1.000	1.000	1.000					
12/31/2006	1.028	1.000						
12/31/2007	1.013							
3 Yr Mean	1.014	1.000	1.000	1.001	1.000 @	1.000 @	1.000 @	1.000 @
Best 3/5	1.004	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
12/31/2015					1.004	0.992	1.002	0.998	0.998	0.992	1.000
12/31/2016				1.025	1.004	0.992	1.002	0.998	0.998	0.992	1.000
12/31/2017			1.036	1.025	1.004	0.992	1.002	0.998	0.998	0.992	1.000
12/31/2018		1.088	1.036	1.025	1.004	0.992	1.002	0.998	0.998	0.992	1.000
12/31/2019	1.227	1.088	1.036	1.025	1.004	0.992	1.002	0.998	0.998	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
12/31/2015	1.004	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000*	0.990
12/31/2016	1.004	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000*	1.015
12/31/2017	1.004	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000*	1.051
12/31/2018	1.004	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000*	1.144
12/31/2019	1.004	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000*	1.403

* Calculated Using Modified Bondy Method
@ 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
12/31/2000	45,618	68,879	121,438	239,950	346,428	397,749	479,196	504,666	476,584	482,014	496,134
12/31/2001	24,409	139,536	372,748	458,083	542,724	548,349	562,858	587,857	597,856	587,181	587,181
12/31/2002	59,925	60,450	111,655	119,900	147,875	146,666	145,903	145,903	145,903	145,903	145,903
12/31/2003	46,174	84,340	276,602	308,547	534,701	545,315	567,100	579,820	581,301	672,589	719,685
12/31/2004	10,201	26,222	90,796	145,891	154,296	176,175	192,954	193,439	193,439	193,439	193,439
12/31/2005	27,992	214,968	269,481	480,562	489,315	696,165	778,499	899,838	899,840	927,604	957,471
12/31/2006	74,466	69,585	94,806	116,620	126,712	110,665	110,665	130,665	155,666	158,667	149,689
12/31/2007	53,943	122,298	199,852	229,838	225,746	225,956	260,956	261,456	260,954	262,194	262,408
12/31/2008	15,125	46,135	182,219	219,084	212,489	213,403	372,846	503,584	489,668	515,231	523,656
12/31/2009	40,918	171,696	322,223	453,847	439,248	454,859	457,092	535,869	562,396	582,596	591,365
12/31/2010	28,458	223,000	278,980	255,182	364,275	916,275	960,444	965,444	965,444	960,444	
12/31/2011	225,536	260,380	326,180	371,213	442,757	395,741	533,360	464,498	464,498		
12/31/2012	433,863	943,238	683,747	735,855	737,429	864,300	845,205	792,525			
12/31/2013	345,859	378,852	518,042	444,009	565,203	545,965	476,074				
12/31/2014	198,538	398,113	568,827	721,509	745,964	745,964					
12/31/2015	30,313	73,710	100,318	642,932	892,133						
12/31/2016	33,990	120,686	212,437	197,945							
12/31/2017	62,537	182,309	231,836								
12/31/2018	78,618	194,873									
12/31/2019	174,588										

A.Y.E.	147 Months	159 Months	171 Months	183 Months	195 Months	207 Months	219 Months	231 Months	243 Months
12/31/2000	581,055	581,055	568,894	568,894	568,894	568,894	568,894	568,894	568,894
12/31/2001	587,181	587,181	587,181	587,181	587,181	587,181	587,181	587,181	
12/31/2002	145,903	145,903	145,903	145,903	145,903	145,903	145,903		
12/31/2003	936,073	1,236,290	1,236,290	1,236,290	1,236,290	1,236,290			
12/31/2004	199,242	199,242	199,242	199,242	199,242				
12/31/2005	939,782	949,782	964,783	964,783					
12/31/2006	149,689	205,789	205,787						
12/31/2007	262,408	287,408							
12/31/2008	573,656								

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
12/31/2000	23,261	52,559	118,512	106,478	51,321	81,447	25,470	-28,082	5,430	14,120	84,921	0	-12,161
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	38,166	192,262	31,945	226,154	10,614	21,785	12,720	1,481	91,288	47,096	216,388	300,217	0
12/31/2004	16,021	64,574	55,095	8,405	21,879	16,779	485	0	0	0	5,803	0	0
12/31/2005	186,976	54,513	211,081	8,753	206,850	82,334	121,339	2	27,764	29,867	-17,689	10,000	15,001
12/31/2006	-4,881	25,221	21,814	10,092	-16,047	0	20,000	25,001	3,001	-8,978	0	56,100	-2
12/31/2007	68,355	77,554	29,986	-4,092	210	35,000	500	-502	1,240	214	0	25,000	
12/31/2008	31,010	136,084	36,865	-6,595	914	159,443	130,738	-13,916	25,563	8,425	50,000		
12/31/2009	130,778	150,527	131,624	-14,599	15,611	2,233	78,777	26,527	20,200	8,769			
12/31/2010	194,542	55,980	-23,798	109,093	552,000	44,169	5,000	0	-5,000				
12/31/2011	34,844	65,800	45,033	71,544	-47,016	137,619	-68,862	0					
12/31/2012	509,375	-259,491	52,108	1,574	126,871	-19,095	-52,680						
12/31/2013	32,993	139,190	-74,033	121,194	-19,238	-69,891							
12/31/2014	199,575	170,714	152,682	24,455	0								
12/31/2015	43,397	26,608	542,614	249,201									
12/31/2016	86,696	91,751	-14,492										
12/31/2017	119,772	49,527											
12/31/2018	116,255												

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
12/31/2000	0.0149	0.0338	0.0762	0.0684	0.0330	0.0523	0.0164	-0.0180	0.0035	0.0091	0.0546	0.0000	-0.0078
12/31/2001	0.0553	0.1121	0.0410	0.0407	0.0027	0.0070	0.0120	0.0048	-0.0051	0.0000	0.0000	0.0000	0.0000
12/31/2002	0.0002	0.0200	0.0032	0.0109	-0.0005	-0.0003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12/31/2003	0.0208	0.1047	0.0174	0.1232	0.0058	0.0119	0.0069	0.0008	0.0497	0.0257	0.1179	0.1635	0.0000
12/31/2004	0.0125	0.0506	0.0431	0.0066	0.0171	0.0131	0.0004	0.0000	0.0000	0.0000	0.0045	0.0000	0.0000
12/31/2005	0.0755	0.0220	0.0852	0.0035	0.0835	0.0332	0.0490	0.0000	0.0112	0.0121	-0.0071	0.0040	0.0061
12/31/2006	-0.0036	0.0184	0.0159	0.0073	-0.0117	0.0000	0.0146	0.0182	0.0022	-0.0065	0.0000	0.0409	0.0000
12/31/2007	0.0483	0.0548	0.0212	-0.0029	0.0001	0.0248	0.0004	-0.0004	0.0009	0.0002	0.0000	0.0177	
12/31/2008	0.0268	0.1178	0.0319	-0.0057	0.0008	0.1380	0.1131	-0.0120	0.0221	0.0073	0.0433		
12/31/2009	0.0494	0.0568	0.0497	-0.0055	0.0059	0.0008	0.0297	0.0100	0.0076	0.0033			
12/31/2010	0.1645	0.0473	-0.0201	0.0923	0.4668	0.0373	0.0042	0.0000	-0.0042				
12/31/2011	0.0182	0.0343	0.0235	0.0373	-0.0245	0.0718	-0.0359	0.0000					
12/31/2012	0.2285	-0.1164	0.0234	0.0007	0.0569	-0.0086	-0.0236						
12/31/2013	0.0190	0.0802	-0.0427	0.0698	-0.0111	-0.0403							
12/31/2014	0.0672	0.0574	0.0514	0.0082	0.0000								
12/31/2015	0.0170	0.0104	0.2122	0.0975									
12/31/2016	0.0328	0.0347	-0.0055										
12/31/2017	0.0345	0.0143											
12/31/2018	0.0360												
Best 3/5	0.0344	0.0355	0.0231	0.0385	0.0153	0.0099	0.0034	-0.0001	0.0036	0.0036	0.0015	0.0209	0.0000

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
12/31/2000	3,537,970	3,822,102	4,145,634	4,190,272	4,038,391	4,198,145	4,168,145	4,168,258	4,178,258	4,172,175	4,172,175
12/31/2001	2,593,875	2,811,084	3,700,767	4,037,453	3,840,985	3,777,629	3,777,584	3,777,584	3,752,584	3,677,584	3,677,584
12/31/2002	2,540,260	3,361,728	3,660,733	3,730,179	3,393,408	3,414,308	3,414,308	3,414,308	3,414,308	3,413,435	3,413,435
12/31/2003	2,105,016	3,284,122	3,647,497	3,830,523	3,799,769	3,745,103	3,716,506	3,615,700	3,597,736	3,687,736	3,687,736
12/31/2004	3,525,124	4,050,088	4,671,342	4,619,346	4,459,608	4,487,480	4,448,807	4,443,807	4,443,807	4,433,182	4,433,182
12/31/2005	3,433,532	3,572,216	3,829,609	3,870,621	3,932,121	3,941,180	3,913,180	3,953,180	3,950,680	4,050,680	4,028,680
12/31/2006	2,910,182	3,803,762	4,627,234	4,454,261	4,371,717	4,270,808	4,278,058	4,283,138	4,283,138	4,283,138	4,283,138
12/31/2007	3,260,935	4,483,648	5,244,279	5,213,086	5,140,730	5,045,462	4,943,371	4,943,371	4,943,371	4,943,371	4,943,371
12/31/2008	2,675,019	3,823,814	4,342,103	4,251,873	4,047,671	4,026,671	3,926,671	4,028,921	4,051,921	4,051,921	4,051,921
12/31/2009	4,677,179	5,458,619	5,258,877	5,235,122	5,023,626	5,121,485	5,223,735	5,246,485	5,246,485	5,246,818	5,246,818
12/31/2010	4,313,014	5,570,923	6,018,934	5,615,995	5,229,986	5,216,044	5,154,544	5,133,418	5,103,418	5,123,418	
12/31/2011	4,719,215	6,220,154	6,823,944	6,598,630	6,291,830	6,248,686	6,219,283	6,259,283	6,290,179		
12/31/2012	3,837,206	4,726,752	5,181,269	5,079,179	4,919,986	4,714,909	4,816,760	4,816,636			
12/31/2013	4,311,463	5,300,452	5,094,689	5,277,043	5,307,896	5,430,983	5,395,983				
12/31/2014	3,239,550	3,506,391	3,987,461	4,053,928	3,967,627	4,000,875					
12/31/2015	3,213,339	4,248,075	5,638,159	6,174,955	6,196,908						
12/31/2016	3,185,160	4,492,779	5,470,675	5,576,508							
12/31/2017	3,585,780	6,071,020	7,476,060								
12/31/2018	3,741,744	5,074,935									
12/31/2019	5,077,612										

A.Y.E.	147 Months	159 Months	171 Months	183 Months	195 Months	207 Months	219 Months	231 Months	243 Months
12/31/2000	4,172,175	4,172,175	4,172,175	4,172,175	4,172,175	4,172,175	4,172,175	4,172,175	4,172,175
12/31/2001	3,677,584	3,677,584	3,677,584	3,677,584	3,677,584	3,677,584	3,677,584	3,677,584	
12/31/2002	3,413,435	3,413,435	3,413,435	3,413,435	3,413,435	3,413,435	3,413,435		
12/31/2003	3,597,736	3,597,736	3,587,736	3,587,736	3,587,736	3,587,736			
12/31/2004	4,721,516	4,726,576	4,726,576	4,726,576	4,726,576				
12/31/2005	4,028,680	4,028,680	4,028,680	4,027,747					
12/31/2006	4,283,138	4,283,138	4,341,388						
12/31/2007	4,943,371	4,943,371							
12/31/2008	4,051,921								

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
12/31/2000	1.080	1.085	1.011	0.964	1.040	0.993	1.000	1.002	0.999	1.000	1.000
12/31/2001	1.084	1.316	1.091	0.951	0.984	1.000	1.000	0.993	0.980	1.000	1.000
12/31/2002	1.323	1.089	1.019	0.910	1.006	1.000	1.000	1.000	1.000	1.000	1.000
12/31/2003	1.560	1.111	1.050	0.992	0.986	0.992	0.973	0.995	1.025	1.000	0.976
12/31/2004	1.149	1.153	0.989	0.965	1.006	0.991	0.999	1.000	0.998	1.000	1.065
12/31/2005	1.040	1.072	1.011	1.016	1.002	0.993	1.010	0.999	1.025	0.995	1.000
12/31/2006	1.307	1.216	0.963	0.981	0.977	1.002	1.001	1.000	1.000	1.000	1.000
12/31/2007	1.375	1.170	0.994	0.986	0.981	0.980	1.000	1.000	1.000	1.000	1.000
12/31/2008	1.429	1.136	0.979	0.952	0.995	0.975	1.026	1.006	1.000	1.000	1.000
12/31/2009	1.167	0.963	0.995	0.960	1.019	1.020	1.004	1.000	1.000	1.000	
12/31/2010	1.292	1.080	0.933	0.931	0.997	0.988	0.996	0.994	1.004		
12/31/2011	1.318	1.097	0.967	0.954	0.993	0.995	1.006	1.005			
12/31/2012	1.232	1.096	0.980	0.969	0.958	1.022	1.000				
12/31/2013	1.229	0.961	1.036	1.006	1.023	0.994					
12/31/2014	1.082	1.137	1.017	0.979	1.008						
12/31/2015	1.322	1.327	1.095	1.004							
12/31/2016	1.411	1.218	1.019								
12/31/2017	1.693	1.231									
12/31/2018	1.356										
3 Yr Mean	1.487	1.259	1.044	0.996	0.996	1.004	1.001	1.000	1.001	1.000	1.000
Best 3/5	1.363	1.195	1.024	0.984	0.999	1.003	1.003	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
12/31/2000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
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					
12/31/2006	1.000	1.014						
12/31/2007	1.000							
3 Yr Mean	1.000	1.005	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
12/31/2015					0.999	1.003	1.003	1.002	1.000	1.000	1.000
12/31/2016				0.984	0.999	1.003	1.003	1.002	1.000	1.000	1.000
12/31/2017			1.024	0.984	0.999	1.003	1.003	1.002	1.000	1.000	1.000
12/31/2018		1.195	1.024	0.984	0.999	1.003	1.003	1.002	1.000	1.000	1.000
12/31/2019	1.363	1.195	1.024	0.984	0.999	1.003	1.003	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
12/31/2015	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000*	1.007
12/31/2016	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000*	0.991
12/31/2017	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000*	1.015
12/31/2018	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000*	1.213
12/31/2019	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000*	1.653

* Calculated Using Modified Bondy Method
@ 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
12/31/2000	264,657	716,955	968,969	1,364,201	1,547,191	1,582,819	1,596,811	1,575,247	1,577,049	1,581,233	1,581,233
12/31/2001	305,227	1,001,960	2,497,437	2,256,128	2,601,016	2,608,896	2,613,704	2,613,704	2,613,704	2,613,704	2,613,704
12/31/2002	350,757	782,918	1,477,661	1,711,453	1,788,076	1,762,980	1,764,750	1,802,929	1,886,805	2,322,555	2,423,826
12/31/2003	430,632	1,524,508	3,407,765	5,304,739	6,645,247	7,287,541	7,308,763	7,304,696	7,257,800	7,203,403	7,058,094
12/31/2004	686,382	1,350,064	2,577,525	3,098,738	3,151,181	3,200,041	3,067,585	3,069,830	3,069,830	3,004,995	3,004,995
12/31/2005	355,672	759,664	1,295,784	1,422,879	1,445,779	1,591,934	1,602,774	1,575,531	1,624,417	1,661,791	1,688,347
12/31/2006	367,340	715,746	1,756,728	2,191,612	2,458,455	2,503,400	2,548,414	2,546,684	2,546,684	2,546,684	2,546,684
12/31/2007	428,423	1,228,531	3,323,010	4,243,123	4,530,307	4,598,813	4,541,816	4,541,816	4,541,816	4,545,167	4,545,167
12/31/2008	284,181	775,053	1,209,055	1,998,681	2,238,922	2,193,769	2,213,038	2,254,234	2,231,036	2,231,036	2,227,739
12/31/2009	702,575	1,339,908	2,066,437	2,614,444	2,722,316	3,025,248	3,333,370	3,615,755	3,649,308	3,644,117	3,646,933
12/31/2010	511,625	1,171,334	2,123,049	2,874,873	3,100,531	3,008,931	2,983,260	2,979,760	2,978,460	2,978,461	
12/31/2011	665,501	1,297,627	2,432,493	2,939,133	3,258,179	3,303,574	3,355,958	3,422,690	3,596,061		
12/31/2012	476,804	788,803	1,489,502	1,797,890	2,427,532	2,450,344	2,538,303	2,507,304			
12/31/2013	749,020	1,434,606	2,209,968	2,597,693	2,896,902	2,938,825	3,036,965				
12/31/2014	542,810	1,150,127	1,528,087	1,896,371	2,125,073	2,261,430					
12/31/2015	562,226	1,204,762	2,484,927	3,255,911	3,225,341						
12/31/2016	581,254	1,147,573	1,985,385	2,415,128							
12/31/2017	705,412	1,717,437	3,126,369								
12/31/2018	702,449	1,339,223									
12/31/2019	562,173										

A.Y.E.	147 Months	159 Months	171 Months	183 Months	195 Months	207 Months	219 Months	231 Months	243 Months
12/31/2000	1,581,233	1,581,233	1,581,233	1,581,233	1,581,233	1,581,233	1,581,233	1,581,233	1,581,233
12/31/2001	2,613,704	2,613,704	2,613,704	2,613,704	2,613,704	2,613,704	2,613,704	2,613,704	
12/31/2002	2,425,262	2,425,262	2,425,262	2,425,988	2,425,988	2,425,988	2,425,988		
12/31/2003	7,051,088	7,051,088	7,051,088	7,051,088	7,051,088	7,051,088			
12/31/2004	3,490,250	3,576,923	3,592,918	3,592,918	3,592,918				
12/31/2005	1,688,347	1,688,347	1,688,347	1,688,347					
12/31/2006	2,546,684	2,546,684	2,559,010						
12/31/2007	4,545,167	4,545,167							
12/31/2008	2,227,739								

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
12/31/2000	452,298	252,014	395,232	182,990	35,628	13,992	-21,564	1,802	4,184	0	0	0	0
12/31/2001	696,733	1,495,477	-241,309	344,888	7,880	4,808	0	0	0	0	0	0	0
12/31/2002	432,161	694,743	233,792	76,623	-25,096	1,770	38,179	83,876	435,750	101,271	1,436	0	0
12/31/2003	1,093,876	1,883,257	1,896,974	1,340,508	642,294	21,222	-4,067	-46,896	-54,397	-145,309	-7,006	0	0
12/31/2004	663,682	1,227,461	521,213	52,443	48,860	-132,456	2,245	0	-64,835	0	485,255	86,673	15,995
12/31/2005	403,992	536,120	127,095	22,900	146,155	10,840	-27,243	48,886	37,374	26,556	0	0	0
12/31/2006	348,406	1,040,982	434,884	266,843	44,945	45,014	-1,730	0	0	0	0	0	12,326
12/31/2007	800,108	2,094,479	920,113	287,184	68,506	-56,997	0	0	3,351	0	0	0	
12/31/2008	490,872	434,002	789,626	240,241	-45,153	19,269	41,196	-23,198	0	-3,297	0		
12/31/2009	637,333	726,529	548,007	107,872	302,932	308,122	282,385	33,553	-5,191	2,816			
12/31/2010	659,709	951,715	751,824	225,658	-91,600	-25,671	-3,500	-1,300	1				
12/31/2011	632,126	1,134,866	506,640	319,046	45,395	52,384	66,732	173,371					
12/31/2012	311,999	700,699	308,388	629,642	22,812	87,959	-30,999						
12/31/2013	685,586	775,362	387,725	299,209	41,923	98,140							
12/31/2014	607,317	377,960	368,284	228,702	136,357								
12/31/2015	642,536	1,280,165	770,984	-30,570									
12/31/2016	566,319	837,812	429,743										
12/31/2017	1,012,025	1,408,932											
12/31/2018	636,774												

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
12/31/2000	0.0713	0.0397	0.0623	0.0288	0.0056	0.0022	-0.0034	0.0003	0.0007	0.0000	0.0000	0.0000	0.0000
12/31/2001	0.1083	0.2324	-0.0375	0.0536	0.0012	0.0007	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12/31/2002	0.0847	0.1361	0.0458	0.0150	-0.0049	0.0003	0.0075	0.0164	0.0854	0.0198	0.0003	0.0000	0.0000
12/31/2003	0.1745	0.3005	0.3027	0.2139	0.1025	0.0034	-0.0006	-0.0075	-0.0087	-0.0232	-0.0011	0.0000	0.0000
12/31/2004	0.0758	0.1402	0.0595	0.0060	0.0056	-0.0151	0.0003	0.0000	-0.0074	0.0000	0.0554	0.0099	0.0018
12/31/2005	0.0645	0.0856	0.0203	0.0037	0.0233	0.0017	-0.0043	0.0078	0.0060	0.0042	0.0000	0.0000	0.0000
12/31/2006	0.0486	0.1453	0.0607	0.0373	0.0063	0.0063	-0.0002	0.0000	0.0000	0.0000	0.0000	0.0000	0.0017
12/31/2007	0.0913	0.2390	0.1050	0.0328	0.0078	-0.0065	0.0000	0.0000	0.0004	0.0000	0.0000	0.0000	
12/31/2008	0.0702	0.0621	0.1129	0.0344	-0.0065	0.0028	0.0059	-0.0033	0.0000	-0.0005	0.0000		
12/31/2009	0.0747	0.0852	0.0642	0.0126	0.0355	0.0361	0.0331	0.0039	-0.0006	0.0003			
12/31/2010	0.0906	0.1308	0.1033	0.0310	-0.0126	-0.0035	-0.0005	-0.0002	0.0000				
12/31/2011	0.0623	0.1119	0.0499	0.0315	0.0045	0.0052	0.0066	0.0171					
12/31/2012	0.0431	0.0968	0.0426	0.0869	0.0032	0.0121	-0.0043						
12/31/2013	0.0855	0.0967	0.0484	0.0373	0.0052	0.0122							
12/31/2014	0.0816	0.0508	0.0495	0.0307	0.0183								
12/31/2015	0.0699	0.1393	0.0839	-0.0033									
12/31/2016	0.0641	0.0949	0.0487										
12/31/2017	0.0968	0.1348											
12/31/2018	0.0643												
Best 3/5	0.0719	0.1088	0.0488	0.0332	0.0043	0.0098	0.0040	0.0013	0.0000	0.0001	0.0000	0.0000	0.0006

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
12/31/2000	532,893	326,694	457,228	452,118	502,118	402,118	402,118	405,618	404,443	404,443	404,443
12/31/2001	325,791	399,872	309,356	309,496	309,396	309,356	309,356	309,356	309,356	309,356	309,356
12/31/2002	235,345	322,069	264,568	310,568	310,568	260,568	260,568	260,568	260,568	260,568	260,568
12/31/2003	261,973	209,048	225,035	170,034	170,034	170,034	170,034	170,034	170,034	170,034	170,034
12/31/2004	216,097	431,965	457,023	537,864	541,974	520,364	520,364	537,864	537,864	537,864	537,864
12/31/2005	201,943	473,103	541,765	611,854	617,874	612,854	612,854	612,854	612,854	612,854	612,854
12/31/2006	155,652	126,525	121,965	119,965	119,965	119,965	119,965	119,965	119,965	119,965	119,965
12/31/2007	378,159	512,472	487,734	502,502	601,586	601,586	601,586	601,588	601,592	601,588	601,586
12/31/2008	304,360	426,436	370,920	302,086	289,209	292,286	319,036	279,286	314,566	279,536	279,536
12/31/2009	362,831	459,321	555,037	675,515	555,518	555,517	555,515	555,515	555,515	554,789	554,789
12/31/2010	593,671	732,955	567,916	556,629	556,629	572,734	572,134	572,134	572,134	573,640	
12/31/2011	360,967	346,948	321,301	285,318	290,318	288,970	295,151	295,151	295,151		
12/31/2012	461,543	575,241	655,324	703,773	688,071	692,852	689,842	689,616			
12/31/2013	500,118	499,303	595,114	476,708	478,508	479,537	450,330				
12/31/2014	599,538	373,702	473,405	432,907	437,205	452,105					
12/31/2015	365,046	409,941	431,092	456,695	477,945						
12/31/2016	450,060	520,370	547,053	702,041							
12/31/2017	677,896	536,419	536,222								
12/31/2018	579,130	1,014,736									
12/31/2019	767,995										

A.Y.E.	147 Months	159 Months	171 Months	183 Months	195 Months	207 Months	219 Months	231 Months	243 Months
12/31/2000	404,443	404,443	404,443	404,443	404,443	404,443	404,443	404,443	404,443
12/31/2001	309,356	309,356	309,356	309,356	309,356	309,356	309,356	309,356	
12/31/2002	260,568	260,568	260,568	260,568	260,568	260,568	260,568		
12/31/2003	170,034	170,034	170,034	170,034	170,034	170,988			
12/31/2004	537,864	537,864	537,864	537,864	537,864				
12/31/2005	612,854	612,854	613,045	613,045					
12/31/2006	119,965	119,965	119,990						
12/31/2007	601,586	601,586							
12/31/2008	279,536								

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
12/31/2000	0.613	1.400	0.989	1.111	0.801	1.000	1.009	0.997	1.000	1.000	1.000
12/31/2001	1.227	0.774	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
12/31/2002	1.368	0.821	1.174	1.000	0.839	1.000	1.000	1.000	1.000	1.000	1.000
12/31/2003	0.798	1.076	0.756	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
12/31/2004	1.999	1.058	1.177	1.008	0.960	1.000	1.034	1.000	1.000	1.000	1.000
12/31/2005	2.343	1.145	1.129	1.010	0.992	1.000	1.000	1.000	1.000	1.000	1.000
12/31/2006	0.813	0.964	0.984	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
12/31/2007	1.355	0.952	1.030	1.197	1.000	1.000	1.000	1.000	1.000	1.000	1.000
12/31/2008	1.401	0.870	0.814	0.957	1.011	1.092	0.875	1.126	0.889	1.000	1.000
12/31/2009	1.266	1.208	1.217	0.822	1.000	1.000	1.000	1.000	0.999	1.000	
12/31/2010	1.235	0.775	0.980	1.000	1.029	0.999	1.000	1.000	1.003		
12/31/2011	0.961	0.926	0.888	1.018	0.995	1.021	1.000	1.000			
12/31/2012	1.246	1.139	1.074	0.978	1.007	0.996	1.000				
12/31/2013	0.998	1.192	0.801	1.004	1.002	0.939					
12/31/2014	0.623	1.267	0.914	1.010	1.034						
12/31/2015	1.123	1.052	1.059	1.047							
12/31/2016	1.156	1.051	1.283								
12/31/2017	0.791	1.000									
12/31/2018	1.752										
3 Yr Mean	1.233	1.034	1.085	1.020	1.014	0.985	1.000	1.000	0.964	1.000	1.000
Best 3/5	1.023	1.098	1.016	1.011	1.013	0.998	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
12/31/2000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
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					
12/31/2006	1.000	1.000						
12/31/2007	1.000							
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
12/31/2015					1.013	0.998	1.000	1.000	1.000	1.000	1.000
12/31/2016				1.011	1.013	0.998	1.000	1.000	1.000	1.000	1.000
12/31/2017			1.016	1.011	1.013	0.998	1.000	1.000	1.000	1.000	1.000
12/31/2018		1.098	1.016	1.011	1.013	0.998	1.000	1.000	1.000	1.000	1.000
12/31/2019	1.023	1.098	1.016	1.011	1.013	0.998	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
12/31/2015	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000*	1.011
12/31/2016	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000*	1.022
12/31/2017	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000*	1.038
12/31/2018	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000*	1.140
12/31/2019	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000*	1.166

 * Calculated Using Modified Bondy Method
 @ 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
12/31/2000	32,953	32,936	50,604	77,340	147,908	131,481	131,481	132,047	132,047	132,047	132,047
12/31/2001	15,989	89,715	145,981	145,861	145,816	145,816	145,816	145,816	145,816	145,816	145,816
12/31/2002	9,450	41,803	56,408	59,851	97,121	133,672	134,008	134,008	134,008	134,008	134,008
12/31/2003	69,188	125,045	158,610	162,565	160,533	160,533	160,533	160,533	160,533	160,533	160,533
12/31/2004	17,944	100,135	315,615	438,602	454,726	474,887	526,731	529,858	536,312	536,312	536,312
12/31/2005	27,314	90,400	141,675	349,773	615,763	418,905	418,905	418,905	418,905	418,905	418,905
12/31/2006	13,835	62,854	60,150	60,150	60,150	60,150	69,785	69,785	69,785	69,785	69,785
12/31/2007	24,705	95,246	170,396	198,883	415,553	435,346	344,757	344,757	344,757	344,757	353,417
12/31/2008	44,321	276,290	390,383	405,587	430,909	424,295	417,702	417,702	417,702	417,702	417,702
12/31/2009	52,184	168,092	264,427	605,034	759,485	759,493	759,493	759,493	759,493	759,493	759,493
12/31/2010	39,629	160,252	197,121	306,235	315,017	1,087,225	2,537,511	2,707,101	2,969,220	3,043,035	
12/31/2011	40,752	59,171	90,571	78,919	87,402	82,116	83,128	83,128	83,128		
12/31/2012	30,310	111,135	235,699	261,892	272,237	309,237	277,237	272,237			
12/31/2013	99,037	88,220	152,384	172,458	174,638	174,638	174,638				
12/31/2014	126,360	90,648	127,160	171,759	222,170	238,095					
12/31/2015	31,686	70,732	107,857	152,217	171,982						
12/31/2016	131,825	205,271	288,872	1,395,209							
12/31/2017	164,589	240,263	269,305								
12/31/2018	140,289	463,461									
12/31/2019	147,553										

A.Y.E.	147 Months	159 Months	171 Months	183 Months	195 Months	207 Months	219 Months	231 Months	243 Months
12/31/2000	132,047	132,047	132,047	132,047	132,047	132,047	132,047	132,047	132,047
12/31/2001	145,816	145,816	145,816	145,816	145,816	145,816	145,816	145,816	
12/31/2002	134,008	134,008	134,008	134,008	134,008	134,008	134,008		
12/31/2003	160,533	160,533	160,533	160,533	160,533	160,891			
12/31/2004	536,312	536,312	536,312	536,312	536,312				
12/31/2005	418,905	418,905	418,905	418,905					
12/31/2006	69,785	69,785	69,785						
12/31/2007	353,417	353,417							
12/31/2008	417,702								

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
12/31/2000	-17	17,668	26,736	70,568	-16,427	0	566	0	0	0	0	0	0
12/31/2001	73,726	56,266	-120	-45	0	0	0	0	0	0	0	0	0
12/31/2002	32,353	14,605	3,443	37,270	36,551	336	0	0	0	0	0	0	0
12/31/2003	55,857	33,565	3,955	-2,032	0	0	0	0	0	0	0	0	0
12/31/2004	82,191	215,480	122,987	16,124	20,161	51,844	3,127	6,454	0	0	0	0	0
12/31/2005	63,086	51,275	208,098	265,990	-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	70,541	75,150	28,487	216,670	19,793	-90,589	0	0	0	8,660	0	0	
12/31/2008	231,969	114,093	15,204	25,322	-6,614	-6,593	0	0	0	0	0		
12/31/2009	115,908	96,335	340,607	154,451	8	0	0	0	0	0			
12/31/2010	120,623	36,869	109,114	8,782	772,208	1,450,286	169,590	262,119	73,815				
12/31/2011	18,419	31,400	-11,652	8,483	-5,286	1,012	0	0					
12/31/2012	80,825	124,564	26,193	10,345	37,000	-32,000	-5,000						
12/31/2013	-10,817	64,164	20,074	2,180	0	0							
12/31/2014	-35,712	36,512	44,599	50,411	15,925								
12/31/2015	39,046	37,125	44,360	19,765									
12/31/2016	73,446	83,601	1,106,337										
12/31/2017	75,674	29,042											
12/31/2018	323,172												

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
12/31/2000	0.0000	0.0436	0.0660	0.1743	-0.0406	0.0000	0.0014	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12/31/2001	0.2381	0.1817	-0.0004	-0.0001	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12/31/2002	0.1239	0.0559	0.0132	0.1427	0.1400	0.0013	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12/31/2003	0.3257	0.1957	0.0231	-0.0118	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12/31/2004	0.1243	0.3259	0.1860	0.0244	0.0305	0.0784	0.0047	0.0098	0.0000	0.0000	0.0000	0.0000	0.0000
12/31/2005	0.0521	0.0424	0.1719	0.2197	-0.1626	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12/31/2006	0.4053	-0.0224	0.0000	0.0000	0.0000	0.0797	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12/31/2007	0.0897	0.0955	0.0362	0.2754	0.0252	-0.1151	0.0000	0.0000	0.0000	0.0110	0.0000	0.0000	
12/31/2008	0.8216	0.4041	0.0539	0.0897	-0.0234	-0.0234	0.0000	0.0000	0.0000	0.0000	0.0000		
12/31/2009	0.1788	0.1486	0.5254	0.2383	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			
12/31/2010	0.1505	0.0460	0.1361	0.0110	0.9632	1.8090	0.2115	0.3270	0.0921				
12/31/2011	0.0617	0.1051	-0.0390	0.0284	-0.0177	0.0034	0.0000	0.0000					
12/31/2012	0.0877	0.1352	0.0284	0.0112	0.0401	-0.0347	-0.0054						
12/31/2013	-0.0176	0.1043	0.0326	0.0035	0.0000	0.0000							
12/31/2014	-0.0763	0.0780	0.0953	0.1077	0.0340								
12/31/2015	0.0781	0.0743	0.0887	0.0395									
12/31/2016	0.0626	0.0713	0.9435										
12/31/2017	0.1019	0.0391											
12/31/2018	0.2374												

| Best 3/5 | 0.0809 | 0.0745 | 0.0722 | 0.0264 | 0.0247 | 0.0011 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |

PREMISES/OPERATIONS (Subline Code 334)
MANUFACTURERS AND CONTRACTORS
FULL COVERAGE
MULTISTATE
BODILY INJURY - OCCURRENCE
INCURRED ACCIDENT YEAR BASIC LIMITS LOSS DEVELOPMENT EXCLUDING ALAE

$100,000 Basic Limit Losses as of:

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
12/31/2000	57,926,197	101,336,195	143,174,765	159,513,668	163,536,353	163,203,123	160,776,080	158,386,194	158,014,393	157,378,674	157,028,588
12/31/2001	62,132,404	105,752,005	140,131,522	151,297,825	157,198,486	154,636,855	151,668,292	151,199,553	151,050,154	150,965,402	150,841,287
12/31/2002	53,023,242	87,611,126	114,160,160	133,072,661	131,502,548	129,000,547	127,753,705	126,932,454	127,184,093	126,936,208	126,888,094
12/31/2003	54,004,115	83,062,700	118,684,839	128,903,904	124,572,154	122,587,003	121,346,976	119,663,746	119,633,426	119,187,496	119,215,898
12/31/2004	55,124,138	90,986,719	116,990,445	121,951,337	118,823,995	116,486,098	115,594,912	114,813,306	115,096,081	115,042,977	115,109,272
12/31/2005	57,740,453	92,212,221	117,951,253	126,171,301	123,939,249	120,633,162	120,112,748	119,497,659	119,620,766	119,301,662	119,251,685
12/31/2006	58,716,692	89,932,739	111,412,538	117,542,684	116,053,801	116,423,104	116,388,713	115,200,282	115,123,111	114,801,826	114,635,394
12/31/2007	64,020,740	94,674,178	122,977,212	131,325,521	129,613,594	129,944,894	128,906,068	129,091,154	128,446,762	128,034,507	128,286,983
12/31/2008	65,261,715	101,294,436	124,470,386	132,544,384	131,037,939	130,179,495	131,279,584	129,739,458	129,932,980	129,722,823	129,838,963
12/31/2009	66,670,516	99,306,463	124,134,507	132,398,286	132,115,103	130,505,728	128,535,066	128,627,027	128,394,502	128,945,024	128,791,760
12/31/2010	66,372,720	99,549,164	126,904,323	134,375,152	134,279,905	132,723,702	133,080,961	132,563,526	133,232,848	132,937,669	
12/31/2011	74,214,801	107,888,854	135,351,511	146,079,461	143,860,088	143,833,827	142,564,862	142,510,131	142,566,881		
12/31/2012	57,567,325	88,455,958	112,777,892	117,040,107	118,505,136	118,780,614	119,363,250	119,449,691			
12/31/2013	59,026,697	91,726,313	114,673,236	126,188,956	127,811,463	126,657,437	125,673,372				
12/31/2014	63,547,496	98,059,791	128,728,413	136,632,555	138,786,084	137,700,290					
12/31/2015	53,659,929	86,563,914	113,405,790	122,750,241	125,276,179						
12/31/2016	54,207,409	87,340,447	115,192,536	125,906,820							
12/31/2017	57,162,775	91,834,683	118,790,699								
12/31/2018	57,080,744	96,452,342									
12/31/2019	57,159,230										

A.Y.E.	147 Months	159 Months	171 Months	183 Months	195 Months	207 Months	219 Months	231 Months	243 Months
12/31/2000	157,144,895	157,079,811	157,252,459	157,039,439	156,987,540	157,070,040	157,110,040	157,057,525	157,099,986
12/31/2001	150,501,931	150,624,155	150,819,606	150,461,870	150,522,449	150,607,670	150,415,270	150,530,370	
12/31/2002	127,031,688	126,810,731	126,743,785	126,709,379	126,681,878	126,784,535	126,972,075		
12/31/2003	119,154,836	119,373,674	119,228,582	119,236,688	119,198,187	119,331,646			
12/31/2004	115,226,131	115,371,930	115,309,779	115,440,961	115,515,905				
12/31/2005	119,222,033	119,297,770	119,491,769	119,532,603					
12/31/2006	114,508,633	114,857,751	114,994,179						
12/31/2007	128,351,596	128,432,681							
12/31/2008	129,896,656								

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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
12/31/2000	1.749	1.413	1.114	1.025	0.998	0.985	0.985	0.998	0.996	0.998	1.001
12/31/2001	1.702	1.325	1.080	1.039	0.984	0.981	0.997	0.999	0.999	0.999	0.998
12/31/2002	1.652	1.303	1.166	0.988	0.981	0.990	0.994	1.002	0.998	1.000	1.001
12/31/2003	1.538	1.429	1.086	0.966	0.984	0.990	0.986	1.000	0.996	1.000	0.999
12/31/2004	1.651	1.286	1.042	0.974	0.980	0.992	0.993	1.002	1.000	1.001	1.001
12/31/2005	1.597	1.279	1.070	0.982	0.973	0.996	0.995	1.001	0.997	1.000	1.000
12/31/2006	1.532	1.239	1.055	0.987	1.003	1.000	0.990	0.999	0.997	0.999	0.999
12/31/2007	1.479	1.299	1.068	0.987	1.003	0.992	1.001	0.995	0.997	1.002	1.001
12/31/2008	1.552	1.229	1.065	0.989	0.993	1.008	0.988	1.001	0.998	1.001	1.000
12/31/2009	1.490	1.250	1.067	0.998	0.988	0.985	1.001	0.998	1.004	0.999	
12/31/2010	1.500	1.275	1.059	0.999	0.988	1.003	0.996	1.005	0.998		
12/31/2011	1.454	1.255	1.079	0.985	1.000	0.991	1.000	1.000			
12/31/2012	1.537	1.275	1.038	1.013	1.002	1.005	1.001				
12/31/2013	1.554	1.250	1.100	1.013	0.991	0.992					
12/31/2014	1.543	1.313	1.061	1.016	0.992						
12/31/2015	1.613	1.310	1.082	1.021							
12/31/2016	1.611	1.319	1.093								
12/31/2017	1.607	1.294									
12/31/2018	1.690										
3 Yr Mean	1.636	1.308	1.079	1.017	0.995	0.996	0.999	1.001	1.000	1.001	1.000
Best 3/5	1.610	1.306	1.079	1.014	0.994	0.995	0.999	1.000	0.998	1.000	1.000

A.Y.E.	159:147	171:159	183:171	195:183	207:195	219:207	231:219	243:231
12/31/2000	1.000	1.001	0.999	1.000	1.001	1.000	1.000	1.000
12/31/2001	1.001	1.001	0.998	1.000	1.001	0.999	1.001	1.001 *
12/31/2002	0.998	0.999	1.000	1.000	1.001	1.001	1.001 *	1.001 *
12/31/2003	1.002	0.999	1.000	1.000	1.000	1.001	1.001 *	1.001 *
12/31/2004	1.001	0.999	1.001	1.001	1.000 *	1.001 *	1.001 *	1.001 *
12/31/2005	1.001	1.002	1.000					
12/31/2006	1.003	1.001						
12/31/2007	1.001							
3 Yr Mean	1.002	1.001	1.000	1.000	1.001 @	1.000 @	1.001 @	1.000 @
Best 3/5	1.001	1.000	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
12/31/2015					0.994	0.995	0.999	1.000	0.998	1.000	1.000
12/31/2016				1.014	0.994	0.995	0.999	1.000	0.998	1.000	1.000
12/31/2017			1.079	1.014	0.994	0.995	0.999	1.000	0.998	1.000	1.000
12/31/2018		1.306	1.079	1.014	0.994	0.995	0.999	1.000	0.998	1.000	1.000
12/31/2019	1.610	1.306	1.079	1.014	0.994	0.995	0.999	1.000	0.998	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
12/31/2015	1.001	1.000	1.000	1.000	1.001	1.001	1.001	1.001	1.004*	0.995
12/31/2016	1.001	1.000	1.000	1.000	1.001	1.001	1.001	1.001	1.004*	1.009
12/31/2017	1.001	1.000	1.000	1.000	1.001	1.001	1.001	1.001	1.004*	1.089
12/31/2018	1.001	1.000	1.000	1.000	1.001	1.001	1.001	1.001	1.004*	1.422
12/31/2019	1.001	1.000	1.000	1.000	1.001	1.001	1.001	1.001	1.004*	2.289

* Calculated Using Modified Bondy Method

@ Three year mean Excludes Modified Bondy ratios

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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
12/31/2000	4,388,448	9,721,790	14,007,992	16,178,998	12,907,204	13,460,956	14,666,031	14,333,946	14,142,895	14,030,777	14,060,428
12/31/2001	6,139,639	11,193,668	15,861,869	14,775,871	16,027,569	16,617,206	16,262,953	15,686,899	15,974,697	16,123,442	16,105,817
12/31/2002	5,784,399	10,403,438	13,329,012	14,928,103	15,723,083	15,562,227	15,093,830	15,077,784	14,805,992	14,740,468	14,824,405
12/31/2003	6,643,607	10,129,893	14,331,761	16,077,357	14,965,394	14,163,051	14,033,760	13,976,297	14,031,117	14,143,474	14,506,439
12/31/2004	6,472,722	11,346,582	17,289,670	17,138,887	17,303,024	16,757,024	16,887,639	16,690,311	16,469,674	16,090,842	16,098,740
12/31/2005	8,305,469	13,411,400	18,066,405	18,803,674	19,175,810	18,916,683	18,724,765	18,422,146	18,191,443	18,332,544	18,337,302
12/31/2006	9,522,697	14,717,039	17,222,976	18,492,312	19,448,967	19,068,103	19,360,913	19,191,109	19,246,204	19,102,727	19,291,236
12/31/2007	8,904,050	12,754,645	17,245,569	18,573,824	19,143,604	18,918,438	19,019,146	19,371,777	19,341,134	19,455,126	19,368,447
12/31/2008	10,260,280	13,286,644	17,235,035	18,642,963	19,143,075	19,525,206	19,345,182	19,350,854	19,214,838	19,312,188	19,343,661
12/31/2009	9,963,091	14,611,622	16,962,529	18,601,380	19,141,196	19,939,972	19,937,608	19,927,882	20,197,767	20,159,196	20,224,317
12/31/2010	10,701,866	14,354,594	18,618,630	20,278,472	20,437,099	19,885,887	19,473,186	19,407,733	19,289,357	19,188,607	
12/31/2011	10,156,750	14,240,344	18,684,992	20,516,240	20,634,883	20,817,774	20,736,620	20,670,891	20,703,622		
12/31/2012	6,225,548	14,487,383	18,771,413	19,142,889	19,578,310	19,626,166	19,494,104	19,696,685			
12/31/2013	9,147,468	15,358,722	17,697,426	20,972,415	21,802,274	21,663,057	21,756,626				
12/31/2014	10,250,187	14,439,714	20,706,362	24,384,046	25,323,857	25,083,373					
12/31/2015	9,961,632	16,299,238	22,202,391	25,415,123	25,218,413						
12/31/2016	9,758,388	15,325,799	20,350,031	22,566,881							
12/31/2017	10,966,024	18,667,737	25,248,342								
12/31/2018	8,759,409	16,463,736									
12/31/2019	9,444,814										

A.Y.E.	147 Months	159 Months	171 Months	183 Months	195 Months	207 Months	219 Months	231 Months	243 Months
12/31/2000	14,095,428	13,995,290	14,067,036	14,060,578	13,971,378	13,971,378	13,974,378	14,071,378	14,080,128
12/31/2001	16,217,539	16,565,376	16,560,305	16,619,635	16,616,464	16,671,964	16,666,465	16,688,965	
12/31/2002	15,718,436	15,665,572	15,756,132	15,656,130	15,825,130	15,725,130	15,825,130		
12/31/2003	14,606,337	14,554,668	14,343,168	14,544,667	14,663,257	14,657,058			
12/31/2004	16,136,715	16,091,614	16,126,614	16,126,614	16,126,614				
12/31/2005	18,445,373	18,312,303	18,463,802	18,463,802					
12/31/2006	19,188,996	19,493,995	19,498,496						
12/31/2007	19,491,795	19,490,545							
12/31/2008	19,394,266								

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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
12/31/2000	2.215	1.441	1.155	0.798	1.043	1.090	0.977	0.987	0.992	1.002	1.002
12/31/2001	1.823	1.417	0.932	1.085	1.037	0.979	0.965	1.018	1.009	0.999	1.007
12/31/2002	1.799	1.281	1.120	1.053	0.990	0.970	0.999	0.982	0.996	1.006	1.060
12/31/2003	1.525	1.415	1.122	0.931	0.946	0.991	0.996	1.004	1.008	1.026	1.007
12/31/2004	1.753	1.524	0.991	1.010	0.968	1.008	0.988	0.987	0.977	1.000	1.002
12/31/2005	1.615	1.347	1.041	1.020	0.986	0.990	0.984	0.987	1.008	1.000	1.006
12/31/2006	1.545	1.170	1.074	1.052	0.980	1.015	0.991	1.003	0.993	1.010	0.995
12/31/2007	1.432	1.352	1.077	1.031	0.988	1.005	1.019	0.998	1.006	0.996	1.006
12/31/2008	1.295	1.297	1.082	1.027	1.020	0.991	1.000	0.993	1.005	1.002	1.003
12/31/2009	1.467	1.161	1.097	1.029	1.042	1.000	1.000	1.014	0.998	1.003	
12/31/2010	1.341	1.297	1.089	1.008	0.973	0.979	0.997	0.994	0.995		
12/31/2011	1.402	1.312	1.098	1.006	1.009	0.996	0.997	1.002			
12/31/2012	2.327	1.296	1.020	1.023	1.002	0.993	1.010				
12/31/2013	1.679	1.152	1.185	1.040	0.994	1.004					
12/31/2014	1.409	1.434	1.178	1.039	0.991						
12/31/2015	1.636	1.362	1.145	0.992							
12/31/2016	1.571	1.328	1.109								
12/31/2017	1.702	1.353									
12/31/2018	1.880										
3 Yr Mean	1.718	1.348	1.144	1.024	0.996	0.998	1.001	1.003	0.999	1.000	1.001
Best 3/5	1.636	1.348	1.144	1.023	0.996	0.996	0.999	0.998	0.999	1.002	1.004

A.Y.E.	159:147	171:159	183:171	195:183	207:195	219:207	231:219	243:231
12/31/2000	0.993	1.005	1.000	0.994	1.000	1.000	1.007	1.001
12/31/2001	1.021	1.000	1.004	1.000	1.003	1.000	1.001	1.000 *
12/31/2002	0.997	1.006	0.994	1.011	0.994	1.006	1.000 *	1.000 *
12/31/2003	0.996	0.985	1.014	1.008	1.000	1.000 *	1.000 *	1.000 *
12/31/2004	0.997	1.002	1.000	1.000	1.003 *	1.000 *	1.000 *	1.000 *
12/31/2005	0.993	1.008	1.000					
12/31/2006	1.016	1.000						
12/31/2007	1.000							
3 Yr Mean	1.003	1.003	1.005	1.006	0.999 @	1.002 @	1.004 @	1.001 @
Best 3/5	0.998	1.003	1.001	1.003	1.001 *	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
12/31/2015					0.996	0.996	0.999	0.998	0.999	1.002	1.004
12/31/2016				1.023	0.996	0.996	0.999	0.998	0.999	1.002	1.004
12/31/2017			1.144	1.023	0.996	0.996	0.999	0.998	0.999	1.002	1.004
12/31/2018		1.348	1.144	1.023	0.996	0.996	0.999	0.998	0.999	1.002	1.004
12/31/2019	1.636	1.348	1.144	1.023	0.996	0.996	0.999	0.998	0.999	1.002	1.004

A.Y.E.	147/159	159/171	171/183	183/195	195/207	207/219	219/231	231/243	243/Ult	FACTORS
12/31/2015	0.998	1.003	1.001	1.003	1.001	1.000	1.000	1.000	1.000*	1.000
12/31/2016	0.998	1.003	1.001	1.003	1.001	1.000	1.000	1.000	1.000*	1.023
12/31/2017	0.998	1.003	1.001	1.003	1.001	1.000	1.000	1.000	1.000*	1.170
12/31/2018	0.998	1.003	1.001	1.003	1.001	1.000	1.000	1.000	1.000*	1.578
12/31/2019	0.998	1.003	1.001	1.003	1.001	1.000	1.000	1.000	1.000*	2.581

* Calculated Using Modified Bondy Method
@ Three year mean Excludes Modified Bondy ratios

PREMISES/OPERATIONS (Subline Code 334)
MANUFACTURERS AND CONTRACTORS
FULL COVERAGE
MULTISTATE
BODILY INJURY – OCCURRENCE
INCURRED ACCIDENT YEAR ALAE DEVELOPMENT

A.Y.E.	15 Months	27 Months	39 Months	51 Months	63 Months	75 Months	87 Months	99 Months	111 Months	123 Months	135 Months
12/31/2000	9,081,912	22,096,829	46,636,126	68,680,588	82,143,367	90,014,530	97,677,485	95,784,955	97,779,955	97,832,364	98,893,530
12/31/2001	10,395,369	28,209,438	52,673,644	75,065,900	88,706,537	95,424,989	98,498,506	100,382,834	102,498,847	102,141,734	102,499,113
12/31/2002	9,421,398	25,706,059	43,426,819	63,484,486	73,075,176	79,938,125	82,915,411	83,210,834	84,783,579	85,518,627	85,506,963
12/31/2003	9,704,528	23,816,609	43,878,226	62,069,086	70,855,272	78,202,942	80,220,965	81,098,786	82,219,792	83,040,899	82,911,854
12/31/2004	7,397,083	20,323,393	38,777,975	53,598,294	62,862,785	68,518,054	69,922,077	70,619,789	72,102,685	72,622,489	72,549,709
12/31/2005	7,662,012	20,051,568	42,738,792	59,694,517	69,843,396	74,827,204	77,396,632	79,234,572	80,015,112	80,449,106	81,335,299
12/31/2006	7,342,500	22,245,893	42,954,674	57,344,390	67,098,546	70,996,727	76,139,357	78,488,306	79,136,406	80,732,615	80,993,108
12/31/2007	9,252,171	24,829,607	52,069,437	69,666,011	80,999,690	85,940,184	88,191,807	90,113,219	91,018,466	91,721,930	92,116,820
12/31/2008	8,986,849	27,397,273	48,711,030	69,312,456	81,430,590	87,663,318	91,760,265	92,697,452	93,622,411	93,762,032	93,770,613
12/31/2009	10,849,816	26,283,762	46,898,536	75,008,050	87,937,698	93,248,533	97,359,068	99,228,136	100,114,295	101,160,755	100,767,937
12/31/2010	10,542,246	29,729,522	55,632,366	75,063,915	89,518,329	94,792,847	98,105,247	100,484,046	100,705,288	100,977,544	
12/31/2011	11,892,651	31,244,333	58,089,330	82,386,823	94,833,959	107,008,767	112,660,460	113,679,604	113,785,945		
12/31/2012	8,480,682	24,927,138	49,337,270	67,613,013	80,897,845	86,783,601	91,158,748	92,341,027			
12/31/2013	9,228,057	27,351,618	52,512,707	73,819,617	85,998,141	91,870,905	94,151,166				
12/31/2014	10,817,551	29,898,207	60,004,418	85,488,928	95,217,094	100,777,438					
12/31/2015	8,670,018	24,904,663	47,682,450	66,834,592	80,091,593						
12/31/2016	11,132,073	29,847,046	53,563,427	73,920,578							
12/31/2017	10,904,399	31,838,227	56,897,331								
12/31/2018	11,402,089	30,021,262									
12/31/2019	11,987,488										

A.Y.E.	147 Months	159 Months	171 Months	183 Months	195 Months	207 Months	219 Months	231 Months	243 Months
12/31/2000	100,840,417	100,966,992	101,189,826	102,203,441	102,947,931	103,555,382	104,801,042	105,073,816	105,215,075
12/31/2001	102,810,569	103,006,156	103,104,123	102,887,849	103,009,710	103,097,269	103,288,181	103,423,200	
12/31/2002	85,932,941	86,303,742	86,594,282	87,048,085	86,876,960	87,144,396	87,127,374		
12/31/2003	83,400,855	83,476,380	83,483,531	83,193,524	83,353,580	83,372,801			
12/31/2004	72,602,337	72,629,250	72,660,446	72,645,604	72,668,229				
12/31/2005	81,342,312	82,361,235	82,768,680	82,801,221					
12/31/2006	81,549,970	82,490,945	82,736,616						
12/31/2007	92,305,893	92,120,326							
12/31/2008	94,550,898								

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
12/31/2000	13,014,917	24,539,297	22,044,462	13,462,779	7,871,163	7,662,955	-1,892,530	1,995,000	52,409	1,061,166	1,946,887	126,575	222,834
12/31/2001	17,814,069	24,464,206	22,392,256	13,640,637	6,718,452	3,073,517	1,884,328	2,116,013	-357,113	357,379	311,456	195,587	97,967
12/31/2002	16,284,661	17,720,760	20,057,667	9,590,690	6,862,949	2,977,286	295,423	1,572,745	735,048	-11,664	425,978	370,801	290,540
12/31/2003	14,112,081	20,061,617	18,190,860	8,786,186	7,347,670	2,018,023	877,821	1,121,006	821,107	-129,045	489,001	75,525	7,151
12/31/2004	12,926,310	18,454,582	14,820,319	9,264,491	5,655,269	1,404,023	697,712	1,482,896	519,804	-72,780	52,628	26,913	31,196
12/31/2005	12,389,556	22,687,224	16,955,725	10,148,879	4,983,808	2,569,428	1,837,940	780,540	433,994	886,193	7,013	1,018,923	407,445
12/31/2006	14,903,393	20,708,781	14,389,716	9,754,156	3,898,181	5,142,630	2,348,949	648,100	1,596,209	260,493	556,862	940,975	245,671
12/31/2007	15,577,436	27,239,830	17,596,574	11,333,679	4,940,494	2,251,623	1,921,412	905,247	703,464	394,890	189,073	-185,567	
12/31/2008	18,410,424	21,313,757	20,601,426	12,118,134	6,232,728	4,096,947	937,187	924,959	139,621	8,581	780,285		
12/31/2009	15,433,946	20,614,774	28,109,514	12,929,648	5,310,835	4,110,535	1,869,068	886,159	1,046,460	-392,818			
12/31/2010	19,187,276	25,902,844	19,431,549	14,454,414	5,274,518	3,312,400	2,378,799	221,242	272,256				
12/31/2011	19,351,682	26,844,997	24,297,493	12,447,136	12,174,808	5,651,693	1,019,144	106,341					
12/31/2012	16,446,456	24,410,132	18,275,743	13,284,832	5,885,756	4,375,147	1,182,279						
12/31/2013	18,123,561	25,161,089	21,306,910	12,178,524	5,872,764	2,280,261							
12/31/2014	19,080,656	30,106,211	25,484,510	9,728,166	5,560,344								
12/31/2015	16,234,645	22,777,787	19,152,142	13,257,001									
12/31/2016	18,714,973	23,716,381	20,357,151										
12/31/2017	20,933,828	25,059,104											
12/31/2018	18,619,173												

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
12/31/2000	0.0453	0.0855	0.0768	0.0469	0.0274	0.0267	-0.0066	0.0069	0.0002	0.0037	0.0068	0.0004	0.0008
12/31/2001	0.0647	0.0889	0.0814	0.0496	0.0244	0.0112	0.0068	0.0077	-0.0013	0.0013	0.0011	0.0007	0.0004
12/31/2002	0.0684	0.0744	0.0842	0.0403	0.0288	0.0125	0.0012	0.0066	0.0031	0.0000	0.0018	0.0016	0.0012
12/31/2003	0.0641	0.0911	0.0826	0.0399	0.0334	0.0092	0.0040	0.0051	0.0037	-0.0006	0.0022	0.0003	0.0000
12/31/2004	0.0587	0.0838	0.0673	0.0421	0.0257	0.0064	0.0032	0.0067	0.0024	-0.0003	0.0002	0.0001	0.0001
12/31/2005	0.0573	0.1049	0.0784	0.0469	0.0231	0.0119	0.0085	0.0036	0.0020	0.0041	0.0000	0.0047	0.0019
12/31/2006	0.0655	0.0910	0.0632	0.0429	0.0171	0.0226	0.0103	0.0028	0.0070	0.0011	0.0024	0.0041	0.0011
12/31/2007	0.0618	0.1080	0.0698	0.0449	0.0196	0.0089	0.0076	0.0036	0.0028	0.0016	0.0007	-0.0007	
12/31/2008	0.0731	0.0846	0.0817	0.0481	0.0247	0.0163	0.0037	0.0037	0.0006	0.0000	0.0031		
12/31/2009	0.0634	0.0847	0.1155	0.0531	0.0218	0.0169	0.0077	0.0036	0.0043	-0.0016			
12/31/2010	0.0783	0.1057	0.0793	0.0590	0.0215	0.0135	0.0097	0.0009	0.0011				
12/31/2011	0.0682	0.0947	0.0857	0.0439	0.0429	0.0199	0.0036	0.0004					
12/31/2012	0.0687	0.1020	0.0763	0.0555	0.0246	0.0183	0.0049						
12/31/2013	0.0709	0.0984	0.0833	0.0476	0.0230	0.0089							
12/31/2014	0.0695	0.1096	0.0928	0.0354	0.0202								
12/31/2015	0.0655	0.0919	0.0773	0.0535									
12/31/2016	0.0701	0.0888	0.0763										
12/31/2017	0.0752	0.0901											
12/31/2018	0.0652												
Best 3/5	0.0684	0.0935	0.0790	0.0483	0.0230	0.0162	0.0054	0.0027	0.0027	0.0009	0.0011	0.0015	0.0008

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
12/31/2000	103,075,563	118,354,341	125,560,653	131,616,998	133,217,073	133,342,637	133,743,750	134,435,889	134,354,263	135,328,431	135,189,186
12/31/2001	100,358,227	112,410,053	121,695,423	124,092,246	124,889,318	125,755,168	125,778,794	125,999,331	126,883,083	127,064,850	127,519,721
12/31/2002	85,978,157	96,552,336	99,741,601	102,288,699	103,183,830	103,617,466	103,849,284	103,687,635	104,272,243	104,709,851	104,645,218
12/31/2003	77,532,098	85,988,188	90,787,276	93,115,199	94,147,270	94,908,348	94,898,000	95,082,748	95,025,507	95,156,223	95,371,955
12/31/2004	95,489,642	106,680,611	106,447,780	108,073,461	109,032,550	108,404,468	108,739,183	108,773,627	109,435,560	109,479,474	109,781,082
12/31/2005	93,303,003	101,612,140	103,728,968	106,179,260	107,156,955	107,564,714	107,342,072	107,814,046	107,837,719	109,090,109	109,157,553
12/31/2006	96,656,648	103,918,204	106,578,622	108,633,241	110,921,341	111,869,895	113,456,931	113,604,830	114,345,608	114,822,038	114,818,447
12/31/2007	103,354,289	113,322,215	116,876,729	118,666,344	119,606,897	120,883,520	120,581,210	121,364,230	121,990,936	121,823,965	122,290,162
12/31/2008	107,359,201	117,479,999	120,451,390	122,825,060	124,703,546	125,262,506	125,508,371	126,223,331	126,785,035	127,717,541	128,836,849
12/31/2009	99,798,248	109,108,103	112,687,496	114,603,314	115,025,695	115,457,653	116,325,242	117,195,834	117,778,771	118,494,958	118,882,677
12/31/2010	106,831,727	116,405,246	118,535,875	119,766,529	120,049,238	120,247,458	120,690,870	121,123,927	121,041,240	121,253,377	
12/31/2011	116,858,794	125,086,797	129,359,421	129,220,829	129,719,343	130,216,843	131,680,958	132,251,290	132,747,048		
12/31/2012	107,711,204	115,395,831	118,692,434	120,916,796	121,415,650	122,762,205	124,145,725	124,991,690			
12/31/2013	100,784,000	110,183,200	114,013,476	116,032,039	118,030,806	118,358,998	119,156,223				
12/31/2014	101,535,114	112,330,653	117,679,596	123,110,026	124,298,432	125,437,614					
12/31/2015	100,434,740	112,273,345	120,960,174	124,067,937	125,102,104						
12/31/2016	105,369,052	119,269,379	124,447,433	126,256,203							
12/31/2017	113,948,015	128,614,910	135,667,714								
12/31/2018	117,723,962	133,411,006									
12/31/2019	114,663,152										

A.Y.E.	147 Months	159 Months	171 Months	183 Months	195 Months	207 Months	219 Months	231 Months	243 Months
12/31/2000	135,297,478	134,950,763	134,746,141	134,784,183	134,939,672	134,953,356	135,343,099	135,672,018	135,782,965
12/31/2001	127,422,971	127,638,327	127,988,483	128,306,002	128,342,465	128,503,599	128,591,849	128,657,976	
12/31/2002	104,785,353	105,130,432	105,624,502	105,516,742	105,599,723	105,826,109	105,907,727		
12/31/2003	95,682,246	95,605,377	95,822,442	96,027,061	96,286,391	96,339,875			
12/31/2004	109,873,661	110,016,177	110,230,458	110,225,225	110,215,964				
12/31/2005	108,793,207	109,395,857	109,475,975	109,475,759					
12/31/2006	115,376,100	115,724,340	115,729,498						
12/31/2007	122,483,414	122,550,095							
12/31/2008	129,003,854								

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
12/31/2000	1.148	1.061	1.048	1.012	1.001	1.003	1.005	0.999	1.007	0.999	1.001
12/31/2001	1.120	1.083	1.020	1.006	1.007	1.000	1.002	1.007	1.001	1.004	0.999
12/31/2002	1.123	1.033	1.026	1.009	1.004	1.002	0.998	1.006	1.004	0.999	1.001
12/31/2003	1.109	1.056	1.026	1.011	1.008	1.000	1.002	0.999	1.001	1.002	1.003
12/31/2004	1.117	0.998	1.015	1.009	0.994	1.003	1.000	1.006	1.000	1.003	1.001
12/31/2005	1.089	1.021	1.024	1.009	1.004	0.998	1.004	1.000	1.012	1.001	0.997
12/31/2006	1.075	1.026	1.019	1.021	1.009	1.014	1.001	1.007	1.004	1.000	1.005
12/31/2007	1.096	1.031	1.015	1.008	1.011	0.997	1.006	1.005	0.999	1.004	1.002
12/31/2008	1.094	1.025	1.020	1.015	1.004	1.002	1.006	1.004	1.007	1.009	1.001
12/31/2009	1.093	1.033	1.017	1.004	1.004	1.008	1.007	1.005	1.006	1.003	
12/31/2010	1.090	1.018	1.010	1.002	1.002	1.004	1.004	0.999	1.002		
12/31/2011	1.070	1.034	0.999	1.004	1.004	1.011	1.004	1.004			
12/31/2012	1.071	1.029	1.019	1.004	1.011	1.011	1.007				
12/31/2013	1.093	1.035	1.018	1.017	1.003	1.007					
12/31/2014	1.106	1.048	1.046	1.010	1.009						
12/31/2015	1.118	1.077	1.026	1.008							
12/31/2016	1.132	1.043	1.015								
12/31/2017	1.129	1.055									
12/31/2018	1.133										
3 Yr Mean	1.131	1.058	1.029	1.012	1.008	1.010	1.005	1.003	1.005	1.005	1.003
Best 3/5	1.126	1.049	1.021	1.007	1.005	1.009	1.006	1.004	1.004	1.003	1.001

A.Y.E.	159:147	171:159	183:171	195:183	207:195	219:207	231:219	243:231
12/31/2000	0.997	0.998	1.000	1.001	1.000	1.003	1.002	1.001
12/31/2001	1.002	1.003	1.002	1.000	1.001	1.001	1.001	1.001 *
12/31/2002	1.003	1.005	0.999	1.001	1.002	1.001	1.001 *	1.001 *
12/31/2003	0.999	1.002	1.002	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	1.001	1.000					
12/31/2006	1.003	1.000						
12/31/2007	1.001							
3 Yr Mean	1.003	1.001	1.001	1.001	1.001 @	1.002 @	1.002 @	1.001 @
Best 3/5	1.002	1.002	1.001	1.001	1.001 *	1.001 *	1.001 *	1.001 *

Development From

A.Y.E.	15/ 27	27/ 39	39/ 51	51/ 63	63/ 75	75/ 87	87/ 99	99/111	111/123	123/135	135/147
12/31/2015					1.005	1.009	1.006	1.004	1.004	1.003	1.001
12/31/2016				1.007	1.005	1.009	1.006	1.004	1.004	1.003	1.001
12/31/2017			1.021	1.007	1.005	1.009	1.006	1.004	1.004	1.003	1.001
12/31/2018		1.049	1.021	1.007	1.005	1.009	1.006	1.004	1.004	1.003	1.001
12/31/2019	1.126	1.049	1.021	1.007	1.005	1.009	1.006	1.004	1.004	1.003	1.001

A.Y.E.	147/159	159/171	171/183	183/195	195/207	207/219	219/231	231/243	243/Ult	FACTORS
12/31/2015	1.002	1.002	1.001	1.001	1.001	1.001	1.001	1.001	1.004*	1.047
12/31/2016	1.002	1.002	1.001	1.001	1.001	1.001	1.001	1.001	1.004*	1.054
12/31/2017	1.002	1.002	1.001	1.001	1.001	1.001	1.001	1.001	1.004*	1.076
12/31/2018	1.002	1.002	1.001	1.001	1.001	1.001	1.001	1.001	1.004*	1.129
12/31/2019	1.002	1.002	1.001	1.001	1.001	1.001	1.001	1.001	1.004*	1.271

* Calculated Using Modified Bondy Method

@ 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
12/31/2000	19,424,526	22,559,304	25,527,430	28,357,118	28,325,563	28,804,734	28,545,780	28,831,715	28,937,857	29,479,063	29,160,993
12/31/2001	20,772,125	23,804,872	25,726,010	26,685,095	26,852,473	27,770,613	28,376,078	29,126,649	29,389,175	29,354,387	29,353,209
12/31/2002	18,382,877	21,840,021	21,668,927	22,491,203	22,970,698	23,599,639	23,703,493	24,132,175	24,171,285	24,307,169	24,308,862
12/31/2003	19,604,664	21,092,819	22,285,215	23,721,993	24,272,419	25,232,218	25,451,735	25,252,991	25,251,022	25,337,848	25,237,556
12/31/2004	18,869,818	22,676,958	24,328,131	25,019,202	25,364,895	25,197,277	25,258,319	25,748,307	25,846,766	26,161,207	26,369,355
12/31/2005	19,762,964	23,558,473	24,626,402	25,122,840	24,858,197	24,860,784	24,931,647	25,268,965	25,307,360	25,657,556	25,647,539
12/31/2006	24,689,015	26,831,849	26,953,254	27,573,423	27,186,658	27,475,259	27,602,517	27,835,505	28,031,110	28,236,885	28,198,886
12/31/2007	24,113,015	27,605,122	29,331,055	29,485,053	29,028,830	29,616,968	29,634,764	29,730,000	30,038,580	30,239,704	30,308,574
12/31/2008	26,549,211	28,855,004	30,095,091	29,867,660	30,393,233	30,283,530	30,140,917	30,233,319	30,571,581	30,754,239	30,855,528
12/31/2009	24,133,808	24,643,651	25,642,247	25,749,605	25,704,521	25,892,332	25,682,387	26,098,753	26,187,080	26,204,499	26,261,676
12/31/2010	22,046,138	23,314,938	24,237,728	24,714,723	24,587,234	24,954,784	25,033,609	25,315,364	25,392,105	25,357,952	
12/31/2011	21,111,125	23,086,662	23,577,615	23,474,177	23,748,179	23,828,142	24,136,890	24,223,318	24,200,048		
12/31/2012	21,019,092	23,339,443	24,615,814	24,791,356	24,831,265	24,930,014	25,098,037	25,101,284			
12/31/2013	20,143,322	20,748,229	21,810,104	21,525,857	21,523,610	21,292,371	21,427,447				
12/31/2014	23,846,580	26,468,694	26,829,897	27,497,516	27,743,856	27,931,701					
12/31/2015	23,273,544	26,208,057	27,147,579	27,584,969	27,663,252						
12/31/2016	22,273,861	25,510,645	26,383,658	26,203,764							
12/31/2017	21,897,513	25,701,118	26,615,461								
12/31/2018	24,205,489	26,430,911									
12/31/2019	21,070,591										

A.Y.E.	147 Months	159 Months	171 Months	183 Months	195 Months	207 Months	219 Months	231 Months	243 Months
12/31/2000	29,179,053	29,395,701	29,463,037	29,416,114	29,296,923	29,294,924	29,308,103	29,328,202	29,315,835
12/31/2001	29,356,911	29,626,759	29,511,079	29,401,616	29,399,085	29,434,758	29,434,757	29,432,030	
12/31/2002	24,523,821	24,560,355	24,414,443	24,384,944	24,369,373	24,213,439	24,200,751		
12/31/2003	25,255,845	25,189,486	25,264,064	25,268,006	25,330,507	25,340,279			
12/31/2004	26,241,938	26,258,130	26,353,633	26,377,240	26,356,141				
12/31/2005	25,718,884	25,729,701	25,699,852	25,589,036					
12/31/2006	28,423,232	28,389,418	28,489,017						
12/31/2007	30,439,812	30,496,007							
12/31/2008	30,818,352								

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
12/31/2000	1.161	1.132	1.111	0.999	1.017	0.991	1.010	1.004	1.019	0.989	1.001
12/31/2001	1.146	1.081	1.037	1.006	1.034	1.022	1.026	1.009	0.999	1.000	1.000
12/31/2002	1.188	0.992	1.038	1.021	1.027	1.004	1.018	1.002	1.006	1.000	1.009
12/31/2003	1.076	1.057	1.064	1.023	1.040	1.009	0.992	1.000	1.003	0.996	1.001
12/31/2004	1.202	1.073	1.028	1.014	0.993	1.002	1.019	1.004	1.012	1.008	0.995
12/31/2005	1.192	1.045	1.020	0.989	1.000	1.003	1.014	1.002	1.014	1.000	1.003
12/31/2006	1.087	1.005	1.023	0.986	1.011	1.005	1.008	1.007	1.007	0.999	1.008
12/31/2007	1.145	1.063	1.005	0.985	1.020	1.001	1.003	1.010	1.007	1.002	1.004
12/31/2008	1.087	1.043	0.992	1.018	0.996	0.995	1.003	1.011	1.006	1.003	0.999
12/31/2009	1.021	1.041	1.004	0.998	1.007	0.992	1.016	1.003	1.001	1.002	
12/31/2010	1.058	1.040	1.020	0.995	1.015	1.003	1.011	1.003	0.999		
12/31/2011	1.094	1.021	0.996	1.012	1.003	1.013	1.004	0.999			
12/31/2012	1.110	1.055	1.007	1.002	1.004	1.007	1.000				
12/31/2013	1.030	1.051	0.987	1.000	0.989	1.006					
12/31/2014	1.110	1.014	1.025	1.009	1.007						
12/31/2015	1.126	1.036	1.016	1.003							
12/31/2016	1.145	1.034	0.993								
12/31/2017	1.174	1.036									
12/31/2018	1.092										
3 Yr Mean	1.137	1.035	1.011	1.004	1.000	1.009	1.005	1.002	1.002	1.002	1.004
Best 3/5	1.127	1.035	1.005	1.005	1.005	1.005	1.006	1.005	1.005	1.001	1.002

A.Y.E.	159:147	171:159	183:171	195:183	207:195	219:207	231:219	243:231
12/31/2000	1.007	1.002	0.998	0.996	1.000	1.000	1.001	1.000
12/31/2001	1.009	0.996	0.996	1.000	1.001	1.000	1.000	1.000 *
12/31/2002	1.001	0.994	0.999	0.999	0.994	0.999	1.000 *	1.000 *
12/31/2003	0.997	1.003	1.000	1.002	1.000	1.000 *	1.000 *	1.000 *
12/31/2004	1.001	1.004	1.001	0.999	1.000 *	1.000 *	1.000 *	1.000 *
12/31/2005	1.000	0.999	0.996					
12/31/2006	0.999	1.004						
12/31/2007	1.002							
3 Yr Mean	1.000	1.002	0.999	1.000	0.998 @	1.000 @	1.001 @	1.000 @
Best 3/5	1.000	1.002	0.998	0.999	1.000 *	1.000 *	1.000 *	1.000 *

Development From

A.Y.E.	15/ 27	27/ 39	39/ 51	51/ 63	63/ 75	75/ 87	87/ 99	99/111	111/123	123/135	135/147
12/31/2015					1.005	1.005	1.006	1.005	1.005	1.001	1.002
12/31/2016				1.005	1.005	1.005	1.006	1.005	1.005	1.001	1.002
12/31/2017			1.005	1.005	1.005	1.005	1.006	1.005	1.005	1.001	1.002
12/31/2018		1.035	1.005	1.005	1.005	1.005	1.006	1.005	1.005	1.001	1.002
12/31/2019	1.127	1.035	1.005	1.005	1.005	1.005	1.006	1.005	1.005	1.001	1.002

A.Y.E.	147/159	159/171	171/183	183/195	195/207	207/219	219/231	231/243	243/Ult	FACTORS
12/31/2015	1.000	1.002	0.998	0.999	1.000	1.000	1.000	1.000	1.000*	1.028
12/31/2016	1.000	1.002	0.998	0.999	1.000	1.000	1.000	1.000	1.000*	1.033
12/31/2017	1.000	1.002	0.998	0.999	1.000	1.000	1.000	1.000	1.000*	1.039
12/31/2018	1.000	1.002	0.998	0.999	1.000	1.000	1.000	1.000	1.000*	1.075
12/31/2019	1.000	1.002	0.998	0.999	1.000	1.000	1.000	1.000	1.000*	1.212

* Calculated Using Modified Bondy Method
@ Three year mean Excludes Modified Bondy ratios

PREMISES/OPERATIONS (Subline Code 334)
MANUFACTURERS AND CONTRACTORS
FULL COVERAGE
MULTISTATE
PROPERTY DAMAGE - OCCURRENCE
INCURRED ACCIDENT YEAR ALAE DEVELOPMENT

A.Y.E.	15 Months	27 Months	39 Months	51 Months	63 Months	75 Months	87 Months	99 Months	111 Months	123 Months	135 Months
12/31/2000	9,090,936	14,763,914	22,100,968	31,384,716	40,242,921	48,180,187	54,430,377	58,352,380	60,425,113	61,702,576	62,254,028
12/31/2001	8,240,212	14,500,441	24,160,507	31,366,656	37,818,399	44,337,068	48,990,167	50,972,160	52,786,346	54,001,683	55,083,848
12/31/2002	7,155,551	13,193,367	19,032,815	26,542,171	32,096,427	36,126,121	39,175,784	41,748,481	41,995,485	42,756,533	43,320,836
12/31/2003	7,309,733	11,450,409	18,432,107	25,415,845	28,038,532	30,441,858	31,322,289	32,463,577	33,565,165	34,519,888	35,492,812
12/31/2004	8,010,775	14,810,671	21,287,719	27,962,396	32,534,041	34,896,262	36,952,512	38,195,434	39,272,140	40,058,450	40,689,808
12/31/2005	6,892,052	13,052,281	20,138,982	26,368,611	31,559,929	35,796,997	38,821,488	40,898,872	41,685,077	43,104,872	44,237,201
12/31/2006	6,931,750	13,051,742	20,288,694	26,551,623	32,472,338	36,809,339	39,174,161	40,867,589	42,635,340	43,603,746	44,685,405
12/31/2007	7,494,893	13,728,089	22,493,249	29,410,363	33,650,148	38,476,804	40,917,763	43,107,874	45,445,959	47,230,900	46,967,883
12/31/2008	8,906,355	16,135,196	23,262,837	30,969,439	34,083,770	37,717,265	38,799,764	40,144,925	41,229,637	42,853,005	43,818,403
12/31/2009	8,626,980	14,951,585	22,057,440	31,561,010	35,178,804	36,424,348	37,895,467	39,621,573	41,009,078	42,359,015	42,804,343
12/31/2010	10,298,993	20,627,694	23,521,254	28,576,257	32,112,840	35,389,921	37,103,981	38,872,733	39,994,774	40,962,359	
12/31/2011	8,579,757	15,127,884	23,008,635	28,904,877	30,473,864	32,633,399	34,474,513	35,738,231	36,869,908		
12/31/2012	8,540,049	15,761,629	23,623,945	31,410,754	38,549,757	43,214,713	44,312,356	46,139,483			
12/31/2013	8,826,285	16,849,341	24,837,919	32,305,158	38,431,152	42,214,173	45,022,937				
12/31/2014	8,256,537	17,073,492	24,584,075	33,734,570	38,957,223	42,315,785					
12/31/2015	8,446,885	15,271,996	22,908,513	32,379,669	39,610,018						
12/31/2016	11,075,382	19,826,201	27,137,791	33,348,966							
12/31/2017	11,574,715	18,110,553	26,465,741								
12/31/2018	10,857,805	18,566,842									
12/31/2019	11,790,732										

A.Y.E.	147 Months	159 Months	171 Months	183 Months	195 Months	207 Months	219 Months	231 Months	243 Months
12/31/2000	63,178,101	63,609,201	63,410,256	63,357,891	63,456,048	63,579,681	63,874,257	63,880,294	64,033,138
12/31/2001	55,485,547	55,353,348	55,326,868	55,879,243	55,893,527	56,276,040	56,369,621	57,514,521	
12/31/2002	43,775,916	43,853,982	44,962,702	44,913,365	44,973,770	45,850,253	46,006,335		
12/31/2003	36,498,620	37,123,779	37,342,147	37,684,610	37,884,968	38,235,336			
12/31/2004	41,098,473	41,698,907	43,436,877	43,855,173	44,343,307				
12/31/2005	43,977,899	45,298,184	45,594,826	45,671,220					
12/31/2006	45,059,055	45,821,176	46,378,815						
12/31/2007	47,705,377	48,328,090							
12/31/2008	44,253,153								

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
12/31/2000	5,672,978	7,337,054	9,283,748	8,858,205	7,937,266	6,250,190	3,922,003	2,072,733	1,277,463	551,452	924,073	431,100	-198,945
12/31/2001	6,260,229	9,660,066	7,206,149	6,451,743	6,518,669	4,653,099	1,981,993	1,814,186	1,215,337	1,082,165	401,699	-132,199	-26,480
12/31/2002	6,037,816	5,839,448	7,509,356	5,554,256	4,029,694	3,049,663	2,572,697	247,004	761,048	564,303	455,080	78,066	1,108,720
12/31/2003	4,140,676	6,981,698	6,983,738	2,622,687	2,403,326	880,431	1,141,288	1,101,588	954,723	972,924	1,005,808	625,159	218,368
12/31/2004	6,799,896	6,477,048	6,674,677	4,571,645	2,362,221	2,056,250	1,242,922	1,076,706	786,310	631,358	408,665	600,434	1,737,970
12/31/2005	6,160,229	7,086,701	6,229,629	5,191,318	4,237,068	3,024,491	2,077,384	786,205	1,419,795	1,132,329	-259,302	1,320,285	296,642
12/31/2006	6,119,992	7,236,952	6,262,929	5,920,715	4,337,001	2,364,822	1,693,428	1,767,751	968,406	1,081,659	373,650	762,121	557,639
12/31/2007	6,233,196	8,765,160	6,917,114	4,239,785	4,826,656	2,440,959	2,190,111	2,338,085	1,784,941	-263,017	737,494	622,713	
12/31/2008	7,228,841	7,127,641	7,706,602	3,114,331	3,633,495	1,082,499	1,345,161	1,084,712	1,623,368	965,398	434,750		
12/31/2009	6,324,605	7,105,855	9,503,570	3,617,794	1,245,544	1,471,119	1,726,106	1,387,505	1,349,937	445,328			
12/31/2010	10,328,701	2,893,560	5,055,003	3,536,583	3,277,081	1,714,060	1,768,752	1,122,041	967,585				
12/31/2011	6,548,127	7,880,751	5,896,242	1,568,987	2,159,535	1,841,114	1,263,718	1,131,677					
12/31/2012	7,221,580	7,862,316	7,786,809	7,139,003	4,664,956	1,097,643	1,827,127						
12/31/2013	8,023,056	7,988,578	7,467,239	6,125,994	3,783,021	2,808,764							
12/31/2014	8,816,955	7,510,583	9,150,495	5,222,653	3,358,562								
12/31/2015	6,825,111	7,636,517	9,471,156	7,230,349									
12/31/2016	8,750,819	7,311,590	6,211,175										
12/31/2017	6,535,838	8,355,188											
12/31/2018	7,709,037												

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
12/31/2000	0.0317	0.0410	0.0519	0.0495	0.0443	0.0349	0.0219	0.0116	0.0071	0.0031	0.0052	0.0024	-0.0011
12/31/2001	0.0371	0.0572	0.0427	0.0382	0.0386	0.0276	0.0117	0.0107	0.0072	0.0064	0.0024	-0.0008	-0.0002
12/31/2002	0.0437	0.0423	0.0543	0.0402	0.0292	0.0221	0.0186	0.0018	0.0055	0.0041	0.0033	0.0006	0.0080
12/31/2003	0.0332	0.0560	0.0560	0.0210	0.0193	0.0071	0.0092	0.0088	0.0077	0.0078	0.0081	0.0050	0.0018
12/31/2004	0.0464	0.0442	0.0456	0.0312	0.0161	0.0140	0.0085	0.0074	0.0054	0.0043	0.0028	0.0041	0.0119
12/31/2005	0.0434	0.0500	0.0439	0.0366	0.0299	0.0213	0.0146	0.0055	0.0100	0.0080	-0.0018	0.0093	0.0021
12/31/2006	0.0408	0.0483	0.0418	0.0395	0.0289	0.0158	0.0113	0.0118	0.0065	0.0072	0.0025	0.0051	0.0037
12/31/2007	0.0390	0.0549	0.0433	0.0266	0.0302	0.0153	0.0137	0.0146	0.0112	-0.0016	0.0046	0.0039	
12/31/2008	0.0425	0.0419	0.0453	0.0183	0.0213	0.0064	0.0079	0.0064	0.0095	0.0057	0.0026		
12/31/2009	0.0402	0.0452	0.0604	0.0230	0.0079	0.0094	0.0110	0.0088	0.0086	0.0028			
12/31/2010	0.0626	0.0175	0.0306	0.0214	0.0199	0.0104	0.0107	0.0068	0.0059				
12/31/2011	0.0375	0.0451	0.0338	0.0090	0.0124	0.0105	0.0072	0.0065					
12/31/2012	0.0421	0.0458	0.0454	0.0416	0.0272	0.0064	0.0106						
12/31/2013	0.0492	0.0490	0.0458	0.0375	0.0232	0.0172							
12/31/2014	0.0499	0.0425	0.0518	0.0296	0.0190								
12/31/2015	0.0383	0.0429	0.0532	0.0406									
12/31/2016	0.0485	0.0405	0.0344										
12/31/2017	0.0323	0.0413											
12/31/2018	0.0369												
Best 3/5	0.0413	0.0422	0.0477	0.0359	0.0207	0.0101	0.0098	0.0074	0.0082	0.0052	0.0026	0.0047	0.0046

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                      PREMISES/OPERATIONS (Subline Code 334)
                        MANUFACTURERS AND CONTRACTORS
                                FULL COVERAGE
                                 MULTISTATE
                        FRINGE COVERAGE - OCCURRENCE
              INCURRED ACCIDENT YEAR  BASIC LIMITS LOSS DEVELOPMENT EXCLUDING ALAE

                        $100,000 Basic Limit Losses as of:
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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
12/31/2000	9,262,776	11,896,498	16,031,511	16,196,217	16,607,029	16,964,403	17,192,443	17,103,387	17,152,540	16,782,290	17,022,414
12/31/2001	8,971,835	12,879,333	14,388,395	14,404,617	14,363,422	15,064,426	15,088,876	14,610,195	14,792,555	14,886,266	14,616,995
12/31/2002	10,241,627	12,190,891	13,017,037	14,059,284	13,663,530	13,673,244	13,423,304	13,243,803	13,320,861	13,073,842	12,931,137
12/31/2003	7,792,930	8,570,340	11,742,972	12,546,434	13,176,735	11,614,370	11,170,443	11,302,593	11,104,080	11,159,245	11,162,206
12/31/2004	11,488,594	18,013,629	18,874,889	20,532,522	19,597,159	19,139,314	18,406,698	18,575,901	18,584,617	18,446,453	18,305,228
12/31/2005	12,528,827	15,654,436	17,896,749	17,433,536	15,897,965	15,802,316	16,012,781	16,001,153	15,923,323	15,681,305	15,694,614
12/31/2006	13,046,055	16,023,230	16,654,215	17,151,576	16,481,514	16,059,263	16,053,818	16,273,937	16,299,161	16,319,303	16,328,638
12/31/2007	11,712,113	14,533,579	14,579,900	14,322,104	13,688,896	13,546,293	13,501,074	13,258,884	13,060,001	13,060,176	13,172,485
12/31/2008	9,380,079	10,563,682	11,556,814	11,686,302	11,136,737	11,358,813	10,794,085	10,527,986	10,523,038	10,561,122	10,533,782
12/31/2009	8,901,281	10,534,221	10,800,269	10,714,600	10,937,242	10,460,131	10,465,060	10,306,528	10,416,523	10,410,460	10,416,265
12/31/2010	8,194,944	9,834,293	10,202,037	10,240,996	9,513,579	9,808,594	9,815,829	9,762,988	9,873,370	9,893,317	
12/31/2011	7,326,337	9,016,100	9,266,660	9,110,568	9,836,769	9,732,819	9,822,528	9,768,065	9,772,926		
12/31/2012	5,626,708	7,558,745	7,912,305	8,498,914	8,438,580	8,754,073	8,764,255	9,098,233			
12/31/2013	5,885,546	7,615,374	8,376,738	9,031,680	9,354,104	9,291,313	9,307,099				
12/31/2014	6,746,599	9,079,463	10,143,333	10,476,968	10,224,864	10,324,599					
12/31/2015	7,145,197	9,043,134	10,636,055	10,930,094	11,101,652						
12/31/2016	5,683,286	7,840,882	8,146,927	9,067,585							
12/31/2017	6,842,737	9,328,489	10,592,952								
12/31/2018	6,382,159	7,965,773									
12/31/2019	5,120,018										

A.Y.E.	147 Months	159 Months	171 Months	183 Months	195 Months	207 Months	219 Months	231 Months	243 Months
12/31/2000	16,986,380	16,844,868	16,896,629	16,921,628	16,961,633	16,934,798	17,034,798	17,034,818	17,034,798
12/31/2001	14,910,842	15,016,167	14,908,186	14,808,186	14,808,162	14,808,162	14,808,161	15,015,993	
12/31/2002	13,035,787	12,904,608	12,940,324	12,922,924	12,922,924	12,922,934	13,130,756		
12/31/2003	10,972,695	11,072,695	11,083,927	11,085,695	11,195,695	11,469,557			
12/31/2004	18,476,778	18,371,778	18,371,778	18,371,778	18,371,778				
12/31/2005	15,501,383	15,496,382	15,498,873	15,498,873					
12/31/2006	16,212,385	16,213,093	16,205,660						
12/31/2007	13,279,285	13,275,785							
12/31/2008	10,523,782								

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
12/31/2000	1.284	1.348	1.010	1.025	1.022	1.013	0.995	1.003	0.978	1.014	0.998
12/31/2001	1.436	1.117	1.001	0.997	1.049	1.002	0.968	1.012	1.006	0.982	1.020
12/31/2002	1.190	1.068	1.080	0.972	1.001	0.982	0.987	1.006	0.981	0.989	1.008
12/31/2003	1.100	1.370	1.068	1.050	0.881	0.962	1.012	0.982	1.005	1.000	0.983
12/31/2004	1.568	1.048	1.088	0.954	0.977	0.962	1.009	1.000	0.993	0.992	1.009
12/31/2005	1.249	1.143	0.974	0.912	0.994	1.013	0.999	0.995	0.985	1.001	0.988
12/31/2006	1.228	1.039	1.030	0.961	0.974	1.000	1.014	1.002	1.001	1.001	0.993
12/31/2007	1.241	1.003	0.982	0.956	0.990	0.997	0.982	0.985	1.000	1.009	1.008
12/31/2008	1.126	1.094	1.011	0.953	1.020	0.950	0.975	1.000	1.004	0.997	0.999
12/31/2009	1.183	1.025	0.992	1.021	0.956	1.000	0.985	1.011	0.999	1.001	
12/31/2010	1.200	1.037	1.004	0.929	1.031	1.001	0.995	1.011	1.002		
12/31/2011	1.231	1.028	0.983	1.080	0.989	1.009	0.994	1.000			
12/31/2012	1.343	1.047	1.074	0.993	1.037	1.001	1.038				
12/31/2013	1.294	1.100	1.078	1.036	0.993	1.002					
12/31/2014	1.346	1.117	1.033	0.976	1.010						
12/31/2015	1.266	1.176	1.028	1.016							
12/31/2016	1.380	1.039	1.113								
12/31/2017	1.363	1.136									
12/31/2018	1.248										
3 Yr Mean	1.330	1.117	1.058	1.009	1.013	1.004	1.009	1.007	1.002	1.002	1.000
Best 3/5	1.325	1.118	1.062	1.015	1.011	1.001	0.991	1.004	1.001	1.001	1.000

A.Y.E.	159:147	171:159	183:171	195:183	207:195	219:207	231:219	243:231
12/31/2000	0.992	1.003	1.001	1.002	0.998	1.006	1.000	1.000
12/31/2001	1.007	0.993	0.993	1.000	1.000	1.000	1.014	1.002 *
12/31/2002	0.990	1.003	0.999	1.000	1.000	1.016	1.002 *	1.002 *
12/31/2003	1.009	1.001	1.000	1.010	1.024	1.000 *	1.002 *	1.002 *
12/31/2004	0.994	1.000	1.000	1.000	1.001 *	1.000 *	1.002 *	1.002 *
12/31/2005	1.000	1.000	1.000					
12/31/2006	1.000	1.000						
12/31/2007	1.000							
3 Yr Mean	1.000	1.000	1.000	1.003	1.008 @	1.007 @	1.007 @	1.000 @
Best 3/5	1.000	1.000	1.000	1.001	1.000 *	1.002 *	1.002 *	1.002 *

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
12/31/2015					1.011	1.001	0.991	1.004	1.001	1.001	1.000
12/31/2016				1.015	1.011	1.001	0.991	1.004	1.001	1.001	1.000
12/31/2017			1.062	1.015	1.011	1.001	0.991	1.004	1.001	1.001	1.000
12/31/2018		1.118	1.062	1.015	1.011	1.001	0.991	1.004	1.001	1.001	1.000
12/31/2019	1.325	1.118	1.062	1.015	1.011	1.001	0.991	1.004	1.001	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
12/31/2015	1.000	1.000	1.000	1.001	1.000	1.002	1.002	1.002	1.008*	1.024
12/31/2016	1.000	1.000	1.000	1.001	1.000	1.002	1.002	1.002	1.008*	1.040
12/31/2017	1.000	1.000	1.000	1.001	1.000	1.002	1.002	1.002	1.008*	1.104
12/31/2018	1.000	1.000	1.000	1.001	1.000	1.002	1.002	1.002	1.008*	1.234
12/31/2019	1.000	1.000	1.000	1.001	1.000	1.002	1.002	1.002	1.008*	1.635

* Calculated Using Modified Bondy Method
@ 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
12/31/2000	2,068,296	4,325,510	9,888,021	12,127,406	13,498,008	13,943,253	14,171,079	14,770,709	15,252,960	15,532,882	15,626,217
12/31/2001	1,542,491	5,370,175	9,715,598	11,768,223	12,635,086	13,820,500	14,416,110	14,615,408	14,977,878	15,361,200	15,242,806
12/31/2002	1,840,221	5,463,323	7,526,970	10,065,379	12,175,498	12,269,461	12,582,779	12,854,546	12,899,064	12,944,372	12,975,018
12/31/2003	2,341,878	3,872,523	6,658,625	8,543,462	10,315,469	11,166,889	11,624,132	12,012,295	12,375,190	12,487,838	12,543,090
12/31/2004	1,269,035	4,566,350	10,494,119	15,666,767	22,789,938	24,852,336	20,883,877	20,740,661	21,065,190	22,400,818	22,425,420
12/31/2005	1,900,088	4,628,378	8,639,613	11,515,676	14,677,004	15,568,404	15,709,678	16,055,829	17,526,760	17,772,492	17,865,334
12/31/2006	1,708,795	5,440,036	9,281,051	11,484,109	12,936,761	14,579,887	14,975,443	15,712,126	15,939,889	15,987,221	16,129,003
12/31/2007	1,622,499	4,416,452	8,725,138	10,538,408	11,405,283	12,033,738	12,483,613	12,492,313	12,381,377	12,356,516	12,361,845
12/31/2008	1,300,866	5,296,692	7,827,171	10,483,321	12,143,744	13,576,780	14,935,985	15,604,299	16,025,329	16,061,607	16,083,622
12/31/2009	1,596,648	5,134,080	10,546,545	14,000,186	16,173,489	16,823,963	17,078,645	17,835,878	18,749,830	19,133,273	19,134,754
12/31/2010	1,540,988	4,618,375	7,202,609	10,057,847	11,308,044	12,649,445	13,347,387	13,065,784	13,093,090	13,171,410	
12/31/2011	1,026,342	3,690,045	10,706,926	13,510,486	16,725,733	18,001,606	19,503,138	19,871,344	20,031,884		
12/31/2012	1,433,504	3,400,966	9,228,998	11,501,044	11,410,891	12,282,479	12,315,225	12,236,138			
12/31/2013	2,460,664	6,607,101	9,012,729	11,270,491	15,310,262	15,672,660	16,444,497				
12/31/2014	2,693,000	7,996,181	11,951,785	20,589,549	22,170,143	22,580,118					
12/31/2015	1,005,383	4,715,310	8,134,521	9,520,832	10,322,942						
12/31/2016	2,820,903	5,360,021	8,316,239	9,959,702							
12/31/2017	2,066,987	6,382,807	9,338,783								
12/31/2018	1,051,871	2,621,312									
12/31/2019	704,455										

A.Y.E.	147 Months	159 Months	171 Months	183 Months	195 Months	207 Months	219 Months	231 Months	243 Months
12/31/2000	15,729,847	15,807,975	15,818,627	15,844,928	15,944,038	15,842,032	15,867,032	15,952,817	16,137,804
12/31/2001	15,740,215	16,773,960	15,847,092	15,781,702	15,794,923	15,794,923	15,794,922	15,794,922	
12/31/2002	13,065,590	13,104,245	13,163,453	13,175,919	13,175,925	13,175,925	13,175,925		
12/31/2003	12,707,949	12,707,949	12,721,717	12,721,888	12,929,064	12,934,018			
12/31/2004	22,236,211	22,834,181	22,834,181	22,834,181	22,833,931				
12/31/2005	17,893,235	17,915,355	17,936,154	17,941,983					
12/31/2006	16,132,585	16,136,099	16,136,569						
12/31/2007	12,381,348	12,421,843							
12/31/2008	16,089,812								

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
12/31/2000	2,257,214	5,562,511	2,239,385	1,370,602	445,245	227,826	599,630	482,251	279,922	93,335	103,630	78,128	10,652
12/31/2001	3,827,684	4,345,423	2,052,625	866,863	1,185,414	595,610	199,298	362,470	383,322	-118,394	497,409	1,033,745	-926,868
12/31/2002	3,623,102	2,063,647	2,538,409	2,110,119	93,963	313,318	271,767	44,518	45,308	30,646	90,572	38,655	59,208
12/31/2003	1,530,645	2,786,102	1,884,837	1,772,007	851,420	457,243	388,163	362,895	112,648	55,252	164,859	0	13,768
12/31/2004	3,297,315	5,927,769	5,172,648	7,123,171	2,062,398	-3,968,459	-143,216	324,529	1,335,628	24,602	-189,209	597,970	0
12/31/2005	2,728,290	4,011,235	2,876,063	3,161,328	891,400	141,274	346,151	1,470,931	245,732	92,842	27,901	22,120	20,799
12/31/2006	3,731,241	3,841,015	2,203,058	1,452,652	1,643,126	395,556	736,683	227,763	47,332	141,782	3,582	3,514	470
12/31/2007	2,793,953	4,308,686	1,813,270	866,875	628,455	449,875	8,700	-110,936	-24,861	5,329	19,503	40,495	
12/31/2008	3,995,826	2,530,479	2,656,150	1,660,423	1,433,036	1,359,205	668,314	421,030	36,278	22,015	6,190		
12/31/2009	3,537,432	5,412,465	3,453,641	2,173,303	650,474	254,682	757,233	913,952	383,443	1,481			
12/31/2010	3,077,387	2,584,234	2,855,238	1,250,197	1,341,401	697,942	-281,603	27,306	78,320				
12/31/2011	2,663,703	7,016,881	2,803,560	3,215,247	1,275,873	1,501,532	368,206	160,540					
12/31/2012	1,967,462	5,828,032	2,272,046	-90,153	871,588	32,746	-79,087						
12/31/2013	4,146,437	2,405,628	2,257,762	4,039,771	362,398	771,837							
12/31/2014	5,303,181	3,955,604	8,637,764	1,580,594	409,975								
12/31/2015	3,709,927	3,419,211	1,386,311	802,110									
12/31/2016	2,539,118	2,956,218	1,643,463										
12/31/2017	4,315,820	2,955,976											
12/31/2018	1,569,441												

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
12/31/2000	0.0869	0.2142	0.0862	0.0528	0.0171	0.0088	0.0231	0.0186	0.0108	0.0036	0.0040	0.0030	0.0004
12/31/2001	0.1586	0.1800	0.0850	0.0359	0.0491	0.0247	0.0083	0.0150	0.0159	-0.0049	0.0206	0.0428	-0.0384
12/31/2002	0.1700	0.0968	0.1191	0.0990	0.0044	0.0147	0.0128	0.0021	0.0021	0.0014	0.0042	0.0018	0.0028
12/31/2003	0.0837	0.1524	0.1031	0.0969	0.0466	0.0250	0.0212	0.0198	0.0062	0.0030	0.0090	0.0000	0.0008
12/31/2004	0.1200	0.2158	0.1883	0.2593	0.0751	-0.1445	-0.0052	0.0118	0.0486	0.0009	-0.0069	0.0218	0.0000
12/31/2005	0.1039	0.1528	0.1096	0.1204	0.0340	0.0054	0.0132	0.0560	0.0094	0.0035	0.0011	0.0008	0.0008
12/31/2006	0.1287	0.1325	0.0760	0.0501	0.0567	0.0136	0.0254	0.0079	0.0016	0.0049	0.0001	0.0001	0.0000
12/31/2007	0.1380	0.2129	0.0896	0.0428	0.0311	0.0222	0.0004	-0.0055	-0.0012	0.0003	0.0010	0.0020	
12/31/2008	0.2222	0.1407	0.1477	0.0924	0.0797	0.0756	0.0372	0.0234	0.0020	0.0012	0.0003		
12/31/2009	0.2263	0.3463	0.2209	0.1390	0.0416	0.0163	0.0484	0.0585	0.0245	0.0001			
12/31/2010	0.1879	0.1578	0.1743	0.0763	0.0819	0.0426	-0.0172	0.0017	0.0048				
12/31/2011	0.1634	0.4305	0.1720	0.1973	0.0783	0.0921	0.0226	0.0098					
12/31/2012	0.1261	0.3736	0.1456	-0.0058	0.0559	0.0021	-0.0051						
12/31/2013	0.2819	0.1636	0.1535	0.2747	0.0246	0.0525							
12/31/2014	0.2789	0.2080	0.4543	0.0831	0.0216								
12/31/2015	0.1660	0.1530	0.0620	0.0359									
12/31/2016	0.1473	0.1715	0.0953										
12/31/2017	0.2250	0.1541											
12/31/2018	0.0961												
Best 3/5	0.1794	0.1631	0.1315	0.1054	0.0529	0.0371	0.0182	0.0116	0.0028	0.0017	0.0005	0.0010	0.0005

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
12/31/2000	229,542,747	301,425,979	333,452,573	346,308,843	345,075,023	341,564,170	337,582,133	335,953,698	335,572,557	334,924,767	334,510,896
12/31/2001	224,709,953	276,851,944	317,065,555	334,128,205	334,316,184	328,868,174	326,247,360	323,175,842	322,390,656	321,700,240	322,435,516
12/31/2002	208,500,189	267,550,031	318,566,407	336,913,414	332,718,433	328,260,284	325,077,851	324,154,392	323,100,204	323,304,582	323,130,632
12/31/2003	222,565,461	302,163,835	352,790,736	350,440,441	341,305,079	338,132,484	333,530,177	331,925,986	331,051,324	331,433,598	331,448,864
12/31/2004	246,052,911	327,607,556	344,416,009	351,882,979	352,132,568	347,270,039	345,473,737	344,731,576	344,125,202	343,694,575	344,080,037
12/31/2005	268,000,519	311,277,200	352,338,769	366,499,983	358,264,165	354,266,706	350,799,954	349,538,456	348,928,369	348,696,559	348,435,748
12/31/2006	241,686,926	307,630,370	346,216,315	352,355,740	347,056,449	341,479,742	339,259,925	336,871,625	336,717,098	336,055,111	335,889,066
12/31/2007	284,150,809	356,141,625	399,631,879	407,654,021	400,428,097	396,247,045	392,865,756	392,237,674	391,529,972	391,150,782	391,227,647
12/31/2008	274,295,672	353,918,616	394,344,999	397,295,886	391,009,865	385,945,158	383,475,231	381,101,945	380,461,235	379,770,643	379,881,599
12/31/2009	300,301,676	387,755,035	429,195,202	433,818,007	426,935,513	424,046,573	420,052,946	418,055,170	417,018,387	417,019,799	417,211,760
12/31/2010	331,036,176	416,889,780	461,303,901	466,471,254	458,876,500	456,304,365	453,884,988	452,052,377	451,401,856	451,310,959	
12/31/2011	327,152,341	423,575,902	472,194,200	476,681,037	469,209,030	465,562,764	461,933,224	461,605,533	460,966,440		
12/31/2012	273,561,217	358,396,945	391,502,555	396,199,033	394,799,189	392,358,003	391,433,143	390,828,405			
12/31/2013	301,125,894	379,742,206	423,263,599	439,638,165	443,016,941	441,416,406	440,538,695				
12/31/2014	299,371,243	393,514,274	464,192,156	495,697,624	499,371,419	497,792,215					
12/31/2015	293,587,086	400,615,842	482,617,379	512,589,774	516,483,439						
12/31/2016	272,145,936	391,969,004	475,318,703	507,671,722							
12/31/2017	296,777,583	429,475,273	523,407,747								
12/31/2018	331,037,922	462,197,895									
12/31/2019	315,719,023										

A.Y.E.	147 Months	159 Months	171 Months	183 Months	195 Months	207 Months	219 Months	231 Months	243 Months
12/31/2000	334,422,936	334,513,454	334,494,326	334,748,666	334,761,641	334,745,378	334,592,703	334,606,058	334,770,176
12/31/2001	322,426,163	322,312,668	322,781,043	322,951,790	322,982,563	322,995,058	322,980,513	323,077,464	
12/31/2002	322,750,756	323,264,819	323,278,160	323,557,317	323,513,014	323,821,556	324,011,437		
12/31/2003	331,143,612	330,979,965	330,673,003	330,586,171	330,826,127	331,169,954			
12/31/2004	344,382,529	344,349,482	344,451,923	344,255,451	344,823,527				
12/31/2005	348,523,114	348,543,312	348,395,399	348,725,782					
12/31/2006	335,592,914	335,366,298	336,593,771						
12/31/2007	391,466,549	391,822,859							
12/31/2008	380,345,758								

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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
12/31/2000	1.313	1.106	1.039	0.996	0.990	0.988	0.995	0.999	0.998	0.999	1.000
12/31/2001	1.232	1.145	1.054	1.001	0.984	0.992	0.991	0.998	0.998	1.002	1.000
12/31/2002	1.283	1.191	1.058	0.988	0.987	0.990	0.997	0.997	1.001	0.999	0.999
12/31/2003	1.358	1.168	0.993	0.974	0.991	0.986	0.995	0.997	1.001	1.000	0.999
12/31/2004	1.331	1.051	1.022	1.001	0.986	0.995	0.998	0.998	0.999	1.001	1.001
12/31/2005	1.161	1.132	1.040	0.978	0.989	0.990	0.996	0.998	0.999	0.999	1.000
12/31/2006	1.273	1.125	1.018	0.985	0.984	0.993	0.993	1.000	0.998	1.000	0.999
12/31/2007	1.253	1.122	1.020	0.982	0.990	0.991	0.998	0.998	0.999	1.000	1.001
12/31/2008	1.290	1.114	1.007	0.984	0.987	0.994	0.994	0.998	0.998	1.000	1.001
12/31/2009	1.291	1.107	1.011	0.984	0.993	0.991	0.995	0.998	1.000	1.000	
12/31/2010	1.259	1.107	1.011	0.984	0.994	0.995	0.996	0.999	1.000		
12/31/2011	1.295	1.115	1.010	0.984	0.992	0.992	0.999	0.999			
12/31/2012	1.310	1.092	1.012	0.996	0.994	0.998	0.998				
12/31/2013	1.261	1.115	1.039	1.008	0.996	0.998					
12/31/2014	1.314	1.180	1.068	1.007	0.997						
12/31/2015	1.365	1.205	1.062	1.008							
12/31/2016	1.440	1.213	1.068								
12/31/2017	1.447	1.219									
12/31/2018	1.396										
3 Yr Mean	1.428	1.212	1.066	1.008	0.996	0.996	0.998	0.999	0.999	1.000	1.000
Best 3/5	1.400	1.199	1.056	1.004	0.995	0.995	0.996	0.998	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
12/31/2000	1.000	1.000	1.001	1.000	1.000	1.000	1.000	1.000
12/31/2001	1.000	1.001	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	1.000	0.999	1.000	1.001	1.001	1.000 *	1.000 *	1.000 *
12/31/2004	1.000	1.000	0.999	1.002	1.000 *	1.000 *	1.000 *	1.000 *
12/31/2005	1.000	1.000	1.001					
12/31/2006	0.999	1.004						
12/31/2007	1.001							
3 Yr Mean	1.000	1.001	1.000	1.001	1.001 @	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
12/31/2015					0.995	0.995	0.996	0.998	0.999	1.000	1.001
12/31/2016				1.004	0.995	0.995	0.996	0.998	0.999	1.000	1.001
12/31/2017			1.056	1.004	0.995	0.995	0.996	0.998	0.999	1.000	1.001
12/31/2018		1.199	1.056	1.004	0.995	0.995	0.996	0.998	0.999	1.000	1.001
12/31/2019	1.400	1.199	1.056	1.004	0.995	0.995	0.996	0.998	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
12/31/2015	1.000	1.000	1.001	1.000	1.000	1.000	1.000	1.000	1.000*	0.985
12/31/2016	1.000	1.000	1.001	1.000	1.000	1.000	1.000	1.000	1.000*	0.989
12/31/2017	1.000	1.000	1.001	1.000	1.000	1.000	1.000	1.000	1.000*	1.044
12/31/2018	1.000	1.000	1.001	1.000	1.000	1.000	1.000	1.000	1.000*	1.252
12/31/2019	1.000	1.000	1.001	1.000	1.000	1.000	1.000	1.000	1.000*	1.753

* Calculated Using Modified Bondy Method
@ Three year mean Excludes Modified Bondy ratios

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$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
12/31/2000	10,501,320	14,337,730	16,296,137	16,523,744	15,955,246	16,126,860	16,398,985	16,208,633	16,366,453	16,255,741	16,229,919
12/31/2001	12,296,068	16,676,404	19,537,114	18,038,912	17,911,640	18,262,526	18,343,588	18,626,771	18,510,462	18,695,464	18,670,338
12/31/2002	14,098,623	18,147,169	18,153,530	19,298,372	20,831,587	20,152,431	19,969,498	20,039,401	19,842,896	19,842,896	19,892,896
12/31/2003	14,419,481	20,917,895	19,175,214	22,061,772	22,964,235	21,942,249	21,434,214	21,212,725	21,180,902	21,170,025	21,246,435
12/31/2004	17,135,472	19,164,515	24,717,008	25,463,943	23,139,228	22,284,940	22,031,814	21,927,467	21,859,342	21,895,818	21,925,817
12/31/2005	15,066,748	19,453,749	21,372,468	19,957,563	19,262,958	18,839,080	18,718,273	18,855,810	18,687,760	18,715,567	18,720,567
12/31/2006	15,010,492	20,299,691	24,768,224	25,493,230	23,913,431	24,024,553	23,756,766	23,669,323	23,721,629	23,709,439	23,709,442
12/31/2007	16,285,082	20,563,186	23,369,381	23,644,822	23,254,666	22,830,817	22,718,481	22,904,145	22,828,579	22,720,646	22,659,553
12/31/2008	17,056,785	21,679,099	22,759,905	22,788,744	23,350,114	22,615,466	22,875,844	22,822,262	22,647,272	22,613,391	22,563,887
12/31/2009	14,177,378	16,644,691	19,557,172	20,383,452	20,268,881	20,429,785	20,427,842	20,386,964	20,410,089	20,524,808	20,587,557
12/31/2010	11,918,672	14,409,157	17,357,312	17,371,797	17,062,265	16,876,676	16,661,082	16,566,376	16,543,760	16,564,277	
12/31/2011	11,712,225	15,963,572	17,964,852	19,336,094	19,160,751	19,180,329	19,176,740	19,116,813	19,105,800		
12/31/2012	9,996,392	13,951,061	14,967,449	15,500,084	15,122,446	15,227,156	15,826,023	15,576,310			
12/31/2013	13,601,209	16,431,881	19,254,642	20,856,006	20,289,820	20,664,858	20,874,447				
12/31/2014	12,534,214	17,774,400	20,880,441	22,222,289	22,561,333	22,505,984					
12/31/2015	16,891,178	24,650,388	28,611,534	30,805,125	31,173,507						
12/31/2016	14,698,115	21,165,935	26,045,387	27,042,443							
12/31/2017	15,791,914	24,402,251	29,904,214								
12/31/2018	18,908,338	26,796,808									
12/31/2019	20,073,282										

A.Y.E.	147 Months	159 Months	171 Months	183 Months	195 Months	207 Months	219 Months	231 Months	243 Months
12/31/2000	16,229,918	16,229,918	16,334,918	16,334,918	16,334,918	16,334,918	16,434,920	16,434,918	16,434,918
12/31/2001	18,771,337	18,770,337	18,811,725	18,829,448	18,831,047	18,931,862	18,932,147	18,933,147	
12/31/2002	19,891,759	19,867,810	20,072,810	20,022,811	20,122,810	20,122,810	20,122,810		
12/31/2003	21,261,567	21,277,374	21,327,374	21,327,374	21,343,374	21,324,624			
12/31/2004	21,925,817	21,925,817	21,925,817	21,925,817	21,930,317				
12/31/2005	18,720,567	18,715,567	18,715,567	18,768,098					
12/31/2006	23,659,572	23,659,572	23,660,929						
12/31/2007	22,620,053	22,625,153							
12/31/2008	22,563,005								

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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
12/31/2000	1.365	1.137	1.014	0.966	1.011	1.017	0.988	1.010	0.993	0.998	1.000
12/31/2001	1.356	1.172	0.923	0.993	1.020	1.004	1.015	0.994	1.010	0.999	1.005
12/31/2002	1.287	1.000	1.063	1.079	0.967	0.991	1.004	0.990	1.000	1.003	1.000
12/31/2003	1.451	0.917	1.151	1.041	0.955	0.977	0.990	0.998	0.999	1.004	1.001
12/31/2004	1.118	1.290	1.030	0.909	0.963	0.989	0.995	0.997	1.002	1.001	1.000
12/31/2005	1.291	1.099	0.934	0.965	0.978	0.994	1.007	0.991	1.001	1.000	1.000
12/31/2006	1.352	1.220	1.029	0.938	1.005	0.989	0.996	1.002	0.999	1.000	0.998
12/31/2007	1.263	1.136	1.012	0.983	0.982	0.995	1.008	0.997	0.995	0.997	0.998
12/31/2008	1.271	1.050	1.001	1.025	0.969	1.012	0.998	0.992	0.999	0.998	1.000
12/31/2009	1.174	1.175	1.042	0.994	1.008	1.000	0.998	1.001	1.006	1.003	
12/31/2010	1.209	1.205	1.001	0.982	0.989	0.987	0.994	0.999	1.001		
12/31/2011	1.363	1.125	1.076	0.991	1.001	1.000	0.997	0.999			
12/31/2012	1.396	1.073	1.036	0.976	1.007	1.039	0.984				
12/31/2013	1.208	1.172	1.083	0.973	1.018	1.010					
12/31/2014	1.418	1.175	1.064	1.015	0.998						
12/31/2015	1.459	1.161	1.077	1.012							
12/31/2016	1.440	1.231	1.038								
12/31/2017	1.545	1.225									
12/31/2018	1.417										
3 Yr Mean	1.467	1.206	1.060	1.000	1.008	1.016	0.992	1.000	1.002	0.999	0.999
Best 3/5	1.439	1.191	1.060	0.993	1.002	1.003	0.996	0.998	1.000	0.999	0.999

A.Y.E.	159:147	171:159	183:171	195:183	207:195	219:207	231:219	243:231
12/31/2000	1.000	1.006	1.000	1.000	1.000	1.006	1.000	1.000
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	0.998	1.005	1.000	1.000	1.000 *	1.000 *
12/31/2003	1.001	1.002	1.000	1.000	1.001	0.999	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					
12/31/2006	1.000	1.000						
12/31/2007	1.000							
3 Yr Mean	1.000	1.000	1.001	1.002	1.001 @	1.002 @	1.000 @	1.000 @
Best 3/5	1.000	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
12/31/2015					1.002	1.003	0.996	0.998	1.000	0.999	0.999
12/31/2016				0.993	1.002	1.003	0.996	0.998	1.000	0.999	0.999
12/31/2017			1.060	0.993	1.002	1.003	0.996	0.998	1.000	0.999	0.999
12/31/2018		1.191	1.060	0.993	1.002	1.003	0.996	0.998	1.000	0.999	0.999
12/31/2019	1.439	1.191	1.060	0.993	1.002	1.003	0.996	0.998	1.000	0.999	0.999

A.Y.E.	147/159	159/171	171/183	183/195	195/207	207/219	219/231	231/243	243/Ult	FACTORS
12/31/2015	1.000	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000*	0.998
12/31/2016	1.000	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000*	0.991
12/31/2017	1.000	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000*	1.050
12/31/2018	1.000	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000*	1.251
12/31/2019	1.000	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000*	1.800

* Calculated Using Modified Bondy Method
@ Three year mean Excludes Modified Bondy ratios

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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
12/31/2000	31,210,813	58,969,388	87,777,942	106,754,374	115,997,552	122,326,513	125,953,486	128,767,900	129,813,046	129,274,656	130,869,716
12/31/2001	31,587,759	57,708,249	86,563,096	109,947,824	124,462,773	133,533,510	137,778,951	140,145,208	142,637,124	144,557,983	145,379,697
12/31/2002	30,823,870	58,783,337	93,057,971	119,565,442	134,908,362	140,630,620	143,835,139	145,661,325	145,129,348	146,384,773	146,633,910
12/31/2003	31,553,507	63,434,240	101,041,631	126,041,072	140,402,186	145,754,283	147,667,448	149,989,078	151,385,482	152,111,855	152,948,408
12/31/2004	31,366,326	66,685,224	101,656,594	129,794,152	142,750,204	147,090,275	149,689,869	151,003,860	152,758,270	153,265,296	154,215,469
12/31/2005	27,560,829	61,369,668	102,125,388	130,034,421	141,219,713	147,082,939	149,977,437	151,601,986	153,204,707	154,210,540	154,968,616
12/31/2006	27,910,375	62,943,847	105,591,444	131,701,530	148,224,028	153,737,472	156,371,864	156,375,853	157,707,150	160,731,938	161,214,622
12/31/2007	28,634,828	66,881,651	117,916,587	152,219,737	167,307,020	172,318,659	175,034,366	176,851,732	178,872,999	178,751,735	178,720,338
12/31/2008	25,824,540	70,586,948	119,017,020	156,516,918	174,836,644	180,418,095	184,242,060	186,063,238	186,999,947	187,491,056	188,057,925
12/31/2009	35,889,614	79,658,800	134,262,185	170,588,605	187,527,996	196,815,643	201,856,111	205,542,913	206,186,012	210,136,936	214,516,324
12/31/2010	40,376,109	93,623,442	151,479,615	187,804,554	207,579,578	215,980,861	219,423,385	222,140,415	223,227,199	224,166,392	
12/31/2011	43,545,799	95,526,251	156,681,335	196,247,431	214,029,198	221,719,241	226,446,770	227,589,260	228,467,383		
12/31/2012	36,883,208	83,953,349	138,400,594	176,934,722	197,399,683	203,913,465	207,785,046	210,427,208			
12/31/2013	43,739,109	97,249,531	154,210,548	205,294,412	226,764,832	231,887,383	237,879,065				
12/31/2014	45,931,292	103,401,906	171,978,841	218,939,366	245,808,872	256,042,395					
12/31/2015	46,961,773	104,100,547	174,196,123	219,602,520	240,575,940						
12/31/2016	42,881,215	95,573,901	164,889,697	210,694,253							
12/31/2017	43,179,526	101,785,938	171,739,641								
12/31/2018	48,448,003	105,589,994									
12/31/2019	39,314,646										

A.Y.E.	147 Months	159 Months	171 Months	183 Months	195 Months	207 Months	219 Months	231 Months	243 Months
12/31/2000	132,817,100	132,190,971	132,932,469	133,595,967	134,000,324	134,072,017	134,089,691	134,192,042	134,407,287
12/31/2001	145,426,620	146,406,953	148,872,240	149,917,041	149,876,735	150,178,943	150,755,419	150,821,993	
12/31/2002	146,756,285	147,391,600	147,683,200	147,877,960	148,149,730	148,570,141	148,677,705		
12/31/2003	153,890,281	154,560,855	154,438,554	154,387,830	154,505,595	154,568,741			
12/31/2004	154,960,938	155,828,190	156,864,814	159,760,288	161,288,723				
12/31/2005	156,340,419	155,010,694	155,131,950	155,201,020					
12/31/2006	161,370,178	161,845,519	161,979,936						
12/31/2007	178,713,702	178,910,274							
12/31/2008	188,598,785								

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
12/31/2000	27,758,575	28,808,554	18,976,432	9,243,178	6,328,961	3,626,973	2,814,414	1,045,146	-538,390	1,595,060	1,947,384	-626,129	741,498
12/31/2001	26,120,490	28,854,847	23,384,728	14,514,949	9,070,737	4,245,441	2,366,257	2,491,916	1,920,859	821,714	46,923	980,333	2,465,287
12/31/2002	27,959,467	34,274,634	26,507,471	15,342,920	5,722,258	3,204,519	1,826,186	-531,977	1,255,425	249,137	122,375	635,315	291,600
12/31/2003	31,880,733	37,607,391	24,999,441	14,361,114	5,352,097	1,913,165	2,321,630	1,396,404	726,373	836,553	941,873	670,574	-122,301
12/31/2004	35,318,898	34,971,370	28,137,558	12,956,052	4,340,071	2,599,594	1,313,991	1,754,410	507,026	950,173	745,469	867,252	1,036,624
12/31/2005	33,808,839	40,755,720	27,909,033	11,185,292	5,863,226	2,894,498	1,624,549	1,602,721	1,005,833	758,076	1,371,803	-1,329,725	121,256
12/31/2006	35,033,472	42,647,597	26,110,086	16,522,498	5,513,444	2,634,392	3,989	1,331,297	3,024,788	482,684	155,556	475,341	134,417
12/31/2007	38,246,823	51,034,936	34,303,150	15,087,283	5,011,639	2,715,707	1,817,366	2,021,267	-121,264	-31,397	-6,636	196,572	
12/31/2008	44,762,408	48,430,072	37,499,898	18,319,726	5,581,451	3,823,965	1,821,178	936,709	491,109	566,869	540,860		
12/31/2009	43,769,186	54,603,385	36,326,420	16,939,391	9,287,647	5,040,468	3,686,802	643,099	3,950,924	4,379,388			
12/31/2010	53,247,333	57,856,173	36,324,939	19,775,024	8,401,283	3,442,524	2,717,030	1,086,784	939,193				
12/31/2011	51,980,452	61,155,084	39,566,096	17,781,767	7,690,043	4,727,529	1,142,490	878,123					
12/31/2012	47,070,141	54,447,245	38,534,128	20,464,961	6,513,782	3,871,581	2,642,162						
12/31/2013	53,510,422	56,961,017	51,083,864	21,470,420	5,122,551	5,991,682							
12/31/2014	57,470,614	68,576,935	46,960,525	26,869,506	10,233,523								
12/31/2015	57,138,774	70,095,576	45,406,397	20,973,420									
12/31/2016	52,692,686	69,315,796	45,804,556										
12/31/2017	58,606,412	69,953,703											
12/31/2018	57,141,991												

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
12/31/2000	0.0583	0.0605	0.0398	0.0194	0.0133	0.0076	0.0059	0.0022	-0.0011	0.0033	0.0041	-0.0013	0.0016
12/31/2001	0.0548	0.0605	0.0490	0.0304	0.0190	0.0089	0.0050	0.0052	0.0040	0.0017	0.0001	0.0021	0.0052
12/31/2002	0.0582	0.0713	0.0552	0.0319	0.0119	0.0067	0.0038	-0.0011	0.0026	0.0005	0.0003	0.0013	0.0006
12/31/2003	0.0661	0.0780	0.0519	0.0298	0.0111	0.0040	0.0048	0.0029	0.0015	0.0017	0.0020	0.0014	-0.0003
12/31/2004	0.0699	0.0692	0.0557	0.0256	0.0086	0.0051	0.0026	0.0035	0.0010	0.0019	0.0015	0.0017	0.0021
12/31/2005	0.0652	0.0785	0.0538	0.0216	0.0113	0.0056	0.0031	0.0031	0.0019	0.0015	0.0026	-0.0026	0.0002
12/31/2006	0.0687	0.0837	0.0512	0.0324	0.0108	0.0052	0.0000	0.0026	0.0059	0.0009	0.0003	0.0009	0.0003
12/31/2007	0.0631	0.0842	0.0566	0.0249	0.0083	0.0045	0.0030	0.0033	-0.0002	-0.0001	0.0000	0.0003	
12/31/2008	0.0773	0.0837	0.0648	0.0316	0.0096	0.0066	0.0031	0.0016	0.0008	0.0010	0.0009		
12/31/2009	0.0684	0.0854	0.0568	0.0265	0.0145	0.0079	0.0058	0.0010	0.0062	0.0068			
12/31/2010	0.0762	0.0828	0.0520	0.0283	0.0120	0.0049	0.0039	0.0016	0.0013				
12/31/2011	0.0724	0.0851	0.0551	0.0248	0.0107	0.0066	0.0016	0.0012					
12/31/2012	0.0737	0.0852	0.0603	0.0320	0.0102	0.0061	0.0041						
12/31/2013	0.0742	0.0789	0.0708	0.0298	0.0071	0.0083							
12/31/2014	0.0710	0.0847	0.0580	0.0332	0.0126								
12/31/2015	0.0672	0.0825	0.0534	0.0247									
12/31/2016	0.0610	0.0802	0.0530										
12/31/2017	0.0622	0.0743											
12/31/2018	0.0560												
Best 3/5	0.0635	0.0806	0.0573	0.0288	0.0110	0.0068	0.0037	0.0015	0.0027	0.0011	0.0009	0.0009	0.0004

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
12/31/2000	38,080,672	40,616,375	42,485,996	44,126,785	44,833,073	44,495,517	44,317,670	44,054,958	44,872,155	44,973,527	45,160,446
12/31/2001	31,416,010	35,634,646	38,673,471	39,275,779	39,777,853	40,526,452	40,610,785	41,366,200	41,843,844	42,108,354	42,312,222
12/31/2002	29,379,760	32,439,381	34,994,276	37,141,412	38,055,559	38,498,646	38,682,859	38,945,304	38,931,308	39,068,236	39,480,125
12/31/2003	30,219,671	32,933,459	35,019,503	36,530,585	38,514,126	38,622,943	38,863,261	38,539,979	38,736,958	38,813,553	38,913,026
12/31/2004	28,585,086	33,021,215	33,713,788	34,718,573	36,731,368	36,432,717	36,362,673	36,366,311	36,954,905	37,508,607	37,563,316
12/31/2005	26,380,865	29,946,834	31,484,851	32,911,304	33,358,047	33,527,628	33,474,150	33,758,951	33,880,737	34,110,779	33,698,219
12/31/2006	27,644,628	28,348,376	30,548,704	31,654,643	32,081,874	32,671,963	33,166,124	33,343,354	33,723,187	33,747,964	34,030,339
12/31/2007	29,925,568	33,954,223	35,138,638	36,797,388	36,208,696	36,124,451	37,297,313	38,047,551	38,136,203	38,214,903	38,126,189
12/31/2008	34,005,973	36,896,115	38,820,674	38,958,899	39,377,474	40,110,223	39,927,702	39,164,715	39,565,573	39,540,805	39,575,254
12/31/2009	34,645,238	38,854,922	41,596,642	41,657,267	42,130,714	42,480,403	42,455,890	42,838,420	43,006,949	43,355,172	43,534,577
12/31/2010	38,042,157	42,388,715	42,941,864	44,229,160	43,828,121	43,781,288	44,350,689	44,854,453	44,736,275	44,716,185	
12/31/2011	45,407,468	48,484,094	49,796,865	49,993,961	50,587,954	50,688,332	51,133,775	51,552,149	51,690,408		
12/31/2012	38,990,231	41,292,979	43,431,062	43,822,072	44,144,968	44,202,196	44,811,065	44,944,842			
12/31/2013	41,087,987	45,925,992	46,888,214	48,499,385	48,810,933	50,102,533	50,200,487				
12/31/2014	44,959,619	45,247,417	47,726,500	49,304,610	50,140,254	50,552,895					
12/31/2015	39,823,972	43,495,929	48,847,363	52,073,711	52,470,448						
12/31/2016	34,636,763	41,067,502	44,222,663	46,269,531							
12/31/2017	37,904,680	46,465,421	51,356,449								
12/31/2018	42,327,679	50,796,727									
12/31/2019	43,831,557										

A.Y.E.	147 Months	159 Months	171 Months	183 Months	195 Months	207 Months	219 Months	231 Months	243 Months
12/31/2000	45,099,553	45,252,597	45,493,947	45,498,186	45,608,289	45,646,138	45,685,635	45,758,119	45,786,966
12/31/2001	42,549,860	42,838,161	42,576,575	42,619,854	42,639,324	42,808,059	42,845,615	42,863,633	
12/31/2002	39,582,744	39,572,877	39,837,875	39,792,065	40,004,983	40,064,849	39,831,793		
12/31/2003	39,074,099	39,042,273	39,027,625	39,089,942	39,203,043	39,260,664			
12/31/2004	37,548,094	37,547,675	37,650,752	37,687,791	37,697,300				
12/31/2005	33,789,158	33,738,371	33,648,286	33,707,678					
12/31/2006	34,067,156	34,049,201	34,101,402						
12/31/2007	37,951,648	37,968,389							
12/31/2008	39,879,891								

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
12/31/2000	1.067	1.046	1.039	1.016	0.992	0.996	0.994	1.019	1.002	1.004	0.999
12/31/2001	1.134	1.085	1.016	1.013	1.019	1.002	1.019	1.012	1.006	1.005	1.006
12/31/2002	1.104	1.079	1.061	1.025	1.012	1.005	1.007	1.000	1.004	1.011	1.003
12/31/2003	1.090	1.063	1.043	1.054	1.003	1.006	0.992	1.005	1.002	1.003	1.004
12/31/2004	1.155	1.021	1.030	1.058	0.992	0.998	1.000	1.016	1.015	1.001	1.000
12/31/2005	1.135	1.051	1.045	1.014	1.005	0.998	1.009	1.004	1.007	0.988	1.003
12/31/2006	1.025	1.078	1.036	1.013	1.018	1.015	1.005	1.011	1.001	1.008	1.001
12/31/2007	1.135	1.035	1.047	0.984	0.998	1.032	1.020	1.002	1.002	0.998	0.995
12/31/2008	1.085	1.052	1.004	1.011	1.019	0.995	0.981	1.010	0.999	1.001	1.008
12/31/2009	1.122	1.071	1.001	1.011	1.008	0.999	1.009	1.004	1.008	1.004	
12/31/2010	1.114	1.013	1.030	0.991	0.999	1.013	1.011	0.997	1.000		
12/31/2011	1.068	1.027	1.004	1.012	1.002	1.009	1.008	1.003			
12/31/2012	1.059	1.052	1.009	1.007	1.001	1.014	1.003				
12/31/2013	1.118	1.021	1.034	1.006	1.026	1.002					
12/31/2014	1.006	1.055	1.033	1.017	1.008						
12/31/2015	1.092	1.123	1.066	1.008							
12/31/2016	1.186	1.077	1.046								
12/31/2017	1.226	1.105									
12/31/2018	1.200										
3 Yr Mean	1.204	1.102	1.048	1.010	1.012	1.008	1.007	1.001	1.002	1.001	1.001
Best 3/5	1.159	1.079	1.038	1.009	1.004	1.008	1.007	1.003	1.001	1.001	1.001

A.Y.E.	159:147	171:159	183:171	195:183	207:195	219:207	231:219	243:231
12/31/2000	1.003	1.005	1.000	1.002	1.001	1.001	1.002	1.001
12/31/2001	1.007	0.994	1.001	1.000	1.004	1.001	1.000	1.001 *
12/31/2002	1.000	1.007	0.999	1.005	1.001	0.994	1.001 *	1.001 *
12/31/2003	0.999	1.000	1.002	1.003	1.001	1.001 *	1.001 *	1.001 *
12/31/2004	1.000	1.003	1.001	1.000	1.002 *	1.001 *	1.001 *	1.001 *
12/31/2005	0.998	0.997	1.002					
12/31/2006	0.999	1.002						
12/31/2007	1.000							
3 Yr Mean	0.999	1.001	1.002	1.003	1.002 @	0.999 @	1.001 @	1.001 @
Best 3/5	0.999	1.002	1.001	1.002	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
12/31/2015					1.004	1.008	1.007	1.003	1.001	1.001	1.001
12/31/2016				1.009	1.004	1.008	1.007	1.003	1.001	1.001	1.001
12/31/2017			1.038	1.009	1.004	1.008	1.007	1.003	1.001	1.001	1.001
12/31/2018		1.079	1.038	1.009	1.004	1.008	1.007	1.003	1.001	1.001	1.001
12/31/2019	1.159	1.079	1.038	1.009	1.004	1.008	1.007	1.003	1.001	1.001	1.001

A.Y.E.	147/159	159/171	171/183	183/195	195/207	207/219	219/231	231/243	243/Ult	FACTORS
12/31/2015	0.999	1.002	1.001	1.002	1.001	1.001	1.001	1.001	1.004*	1.038
12/31/2016	0.999	1.002	1.001	1.002	1.001	1.001	1.001	1.001	1.004*	1.047
12/31/2017	0.999	1.002	1.001	1.002	1.001	1.001	1.001	1.001	1.004*	1.087
12/31/2018	0.999	1.002	1.001	1.002	1.001	1.001	1.001	1.001	1.004*	1.173
12/31/2019	0.999	1.002	1.001	1.002	1.001	1.001	1.001	1.001	1.004*	1.359

 * Calculated Using Modified Bondy Method
 @ 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
12/31/2000	1,737,831	1,756,875	1,995,650	2,200,774	2,209,716	2,252,844	2,365,121	2,264,621	2,269,620	2,268,623	2,294,122
12/31/2001	2,209,705	2,276,362	2,615,578	2,673,972	2,689,000	2,806,553	2,648,486	2,646,084	2,901,042	2,910,988	3,085,353
12/31/2002	1,550,219	1,897,536	2,146,389	1,934,827	2,092,061	2,041,504	1,937,415	1,929,696	1,934,194	1,940,694	1,939,694
12/31/2003	1,857,201	2,170,516	2,150,913	2,620,836	2,583,232	2,581,125	2,665,480	2,694,764	2,664,415	2,614,914	2,578,914
12/31/2004	1,754,313	2,157,682	2,224,958	2,998,796	2,811,177	2,912,109	2,850,283	2,859,353	2,852,403	2,954,465	2,953,064
12/31/2005	1,734,726	1,976,630	2,469,008	2,358,063	2,326,428	2,345,165	2,417,114	2,608,613	2,431,692	2,443,837	2,447,935
12/31/2006	1,671,999	1,738,600	2,016,810	2,239,786	2,528,380	2,295,916	2,406,152	2,688,174	2,517,001	2,617,000	2,552,339
12/31/2007	1,587,658	1,985,969	1,961,487	2,060,898	2,088,277	2,104,189	2,015,614	2,012,689	2,012,689	2,012,689	2,012,690
12/31/2008	1,691,494	1,743,535	1,805,944	2,084,353	2,059,154	1,999,405	2,067,895	2,070,894	2,037,895	2,037,896	2,074,205
12/31/2009	1,888,228	1,798,961	1,808,379	1,865,436	1,861,916	1,870,732	1,862,854	1,915,432	1,915,432	1,921,432	1,913,901
12/31/2010	1,583,475	1,743,163	1,754,980	1,756,735	1,752,236	1,802,236	1,827,242	1,801,246	1,706,445	1,706,246	
12/31/2011	1,409,239	1,643,532	2,025,668	2,030,552	2,294,792	2,366,803	2,480,002	2,354,002	2,342,487		
12/31/2012	1,009,525	1,574,990	1,701,741	1,979,053	2,041,158	2,041,692	2,241,681	2,268,431			
12/31/2013	1,987,153	2,213,387	1,987,618	2,032,398	1,979,047	2,024,047	2,024,047				
12/31/2014	1,777,101	1,557,855	1,749,122	1,786,282	1,756,668	1,756,663					
12/31/2015	2,500,091	2,713,158	2,740,749	2,726,862	2,854,437						
12/31/2016	1,744,770	2,116,342	2,363,505	2,663,303							
12/31/2017	2,380,415	3,097,406	3,588,671								
12/31/2018	2,799,926	3,470,473									
12/31/2019	2,538,537										

A.Y.E.	147 Months	159 Months	171 Months	183 Months	195 Months	207 Months	219 Months	231 Months	243 Months
12/31/2000	2,268,622	2,265,247	2,265,556	2,265,557	2,265,556	2,265,556	2,365,556	2,370,556	2,370,556
12/31/2001	2,986,825	3,009,103	2,884,102	2,884,102	2,898,565	2,998,566	3,003,565	3,003,565	
12/31/2002	1,948,194	1,948,194	1,948,194	1,948,194	2,048,194	2,044,916	2,044,694		
12/31/2003	2,581,914	2,681,915	2,689,815	2,978,916	2,986,812	2,986,812			
12/31/2004	3,052,565	3,054,440	3,054,340	3,054,440	3,054,340				
12/31/2005	2,446,608	2,442,805	2,447,227	2,447,371					
12/31/2006	2,647,800	2,728,171	2,738,171						
12/31/2007	2,012,689	2,019,071							
12/31/2008	2,054,850								

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
12/31/2000	1.011	1.136	1.103	1.004	1.020	1.050	0.958	1.002	1.000	1.011	0.989
12/31/2001	1.030	1.149	1.022	1.006	1.044	0.944	0.999	1.096	1.003	1.060	0.968
12/31/2002	1.224	1.131	0.901	1.081	0.976	0.949	0.996	1.002	1.003	0.999	1.004
12/31/2003	1.169	0.991	1.218	0.986	0.999	1.033	1.011	0.989	0.981	0.986	1.001
12/31/2004	1.230	1.031	1.348	0.937	1.036	0.979	1.003	0.998	1.036	1.000	1.034
12/31/2005	1.139	1.249	0.955	0.987	1.008	1.031	1.079	0.932	1.005	1.002	0.999
12/31/2006	1.040	1.160	1.111	1.129	0.908	1.048	1.117	0.936	1.040	0.975	1.037
12/31/2007	1.251	0.988	1.051	1.013	1.008	0.958	0.999	1.000	1.000	1.000	1.000
12/31/2008	1.031	1.036	1.154	0.988	0.971	1.034	1.001	0.984	1.000	1.018	0.991
12/31/2009	0.953	1.005	1.032	0.998	1.005	0.996	1.028	1.000	1.003	0.996	
12/31/2010	1.101	1.007	1.001	0.997	1.029	1.014	0.986	0.947	1.000		
12/31/2011	1.166	1.233	1.002	1.130	1.031	1.048	0.949	0.995			
12/31/2012	1.560	1.080	1.163	1.031	1.000	1.098	1.012				
12/31/2013	1.114	0.898	1.023	0.974	1.023	1.000					
12/31/2014	0.877	1.123	1.021	0.983	1.000						
12/31/2015	1.085	1.010	0.995	1.047							
12/31/2016	1.213	1.117	1.127								
12/31/2017	1.301	1.159									
12/31/2018	1.239										
3 Yr Mean	1.251	1.095	1.048	1.001	1.008	1.049	0.982	0.981	1.001	1.005	1.009
Best 3/5	1.179	1.083	1.057	1.020	1.017	1.021	1.000	0.993	1.001	0.999	1.011

A.Y.E.	159:147	171:159	183:171	195:183	207:195	219:207	231:219	243:231
12/31/2000	0.999	1.000	1.000	1.000	1.000	1.044	1.002	1.000
12/31/2001	1.007	0.958	1.000	1.005	1.035	1.002	1.000	1.001 *
12/31/2002	1.000	1.000	1.000	1.051	0.998	1.000	1.001 *	1.001 *
12/31/2003	1.039	1.003	1.107	1.003	1.000	1.000 *	1.001 *	1.001 *
12/31/2004	1.001	1.000	1.000	1.000	1.003 *	1.000 *	1.001 *	1.001 *
12/31/2005	0.998	1.002	1.000					
12/31/2006	1.030	1.004						
12/31/2007	1.003							
3 Yr Mean	1.010	1.002	1.036	1.018	1.011 @	1.015 @	1.001 @	1.000 @
Best 3/5	1.011	1.002	1.000	1.003	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
12/31/2015					1.017	1.021	1.000	0.993	1.001	0.999	1.011
12/31/2016				1.020	1.017	1.021	1.000	0.993	1.001	0.999	1.011
12/31/2017			1.057	1.020	1.017	1.021	1.000	0.993	1.001	0.999	1.011
12/31/2018		1.083	1.057	1.020	1.017	1.021	1.000	0.993	1.001	0.999	1.011
12/31/2019	1.179	1.083	1.057	1.020	1.017	1.021	1.000	0.993	1.001	0.999	1.011

A.Y.E.	147/159	159/171	171/183	183/195	195/207	207/219	219/231	231/243	243/Ult	FACTORS
12/31/2015	1.011	1.002	1.000	1.003	1.001	1.001	1.001	1.001	1.004*	1.068
12/31/2016	1.011	1.002	1.000	1.003	1.001	1.001	1.001	1.001	1.004*	1.089
12/31/2017	1.011	1.002	1.000	1.003	1.001	1.001	1.001	1.001	1.004*	1.151
12/31/2018	1.011	1.002	1.000	1.003	1.001	1.001	1.001	1.001	1.004*	1.247
12/31/2019	1.011	1.002	1.000	1.003	1.001	1.001	1.001	1.001	1.004*	1.470

* Calculated Using Modified Bondy Method
@ 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
12/31/2000	3,662,055	9,775,711	12,741,046	16,000,760	17,959,623	21,601,251	19,277,451	23,261,014	23,866,708	24,419,509	24,702,386
12/31/2001	6,049,818	11,463,353	16,343,695	20,488,489	24,008,854	28,771,956	33,166,455	38,211,470	40,708,673	40,227,578	41,177,500
12/31/2002	3,033,714	6,632,784	10,698,754	16,271,091	22,714,080	26,328,745	28,298,634	29,250,052	30,005,495	30,277,230	30,378,998
12/31/2003	3,715,531	7,217,234	11,517,823	14,928,729	19,148,640	20,570,867	21,967,847	22,654,386	23,019,963	23,739,084	24,118,216
12/31/2004	4,496,863	8,345,357	12,926,701	16,156,750	20,350,931	23,404,234	24,397,683	25,449,449	25,843,220	26,381,478	27,306,889
12/31/2005	2,545,436	6,835,901	10,421,501	14,334,622	17,659,908	18,999,248	20,832,166	22,982,640	24,393,203	25,279,208	28,126,345
12/31/2006	3,137,428	6,671,125	11,665,655	15,374,141	18,454,447	20,879,836	22,159,385	22,324,876	23,884,328	23,738,422	24,219,248
12/31/2007	4,679,960	9,212,257	13,126,557	16,744,214	19,337,194	21,476,437	23,993,344	24,852,754	25,264,974	25,975,120	26,150,949
12/31/2008	4,339,970	9,924,068	14,299,730	19,933,994	24,717,410	27,266,606	28,490,691	29,653,529	31,778,049	32,110,841	32,473,336
12/31/2009	5,136,614	10,240,313	14,856,486	19,173,942	22,345,516	24,401,887	25,102,564	26,315,398	26,798,039	31,299,891	28,911,680
12/31/2010	5,405,314	11,264,469	15,739,320	20,620,819	23,357,493	25,917,641	28,741,940	29,545,335	30,116,146	30,767,388	
12/31/2011	6,542,135	11,975,277	17,838,927	22,858,698	26,266,991	28,215,874	28,975,873	30,269,791	31,034,918		
12/31/2012	6,450,369	10,474,190	17,380,286	21,814,882	26,310,574	28,777,677	29,530,664	30,325,586			
12/31/2013	5,820,898	11,414,099	17,136,322	20,714,868	22,493,223	27,513,759	27,992,835				
12/31/2014	6,799,234	11,110,365	15,240,317	18,461,279	21,627,080	23,428,687					
12/31/2015	7,247,854	12,306,680	19,369,484	24,900,212	27,779,772						
12/31/2016	5,418,395	11,040,179	17,763,546	24,719,601							
12/31/2017	7,451,543	14,164,256	19,720,555								
12/31/2018	6,804,064	12,680,766									
12/31/2019	6,207,292										

A.Y.E.	147 Months	159 Months	171 Months	183 Months	195 Months	207 Months	219 Months	231 Months	243 Months
12/31/2000	24,781,643	25,177,274	25,348,248	25,381,790	25,338,190	25,393,761	25,437,438	25,452,427	25,494,880
12/31/2001	42,185,495	42,504,057	42,477,752	42,665,477	42,777,254	42,805,588	42,833,085	42,869,305	
12/31/2002	30,503,449	30,639,580	30,583,763	30,649,212	30,702,795	30,759,921	30,747,452		
12/31/2003	23,923,149	23,949,453	23,950,015	23,990,406	24,014,589	24,033,969			
12/31/2004	27,861,191	28,228,058	28,498,791	28,504,787	28,659,809				
12/31/2005	28,227,975	28,253,464	28,325,064	28,392,561					
12/31/2006	24,452,669	24,339,176	24,619,110						
12/31/2007	26,563,024	26,446,111							
12/31/2008	33,051,589								

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
12/31/2000	6,113,656	2,965,335	3,259,714	1,958,863	3,641,628	-2,323,800	3,983,563	605,694	552,801	282,877	79,257	395,631	170,974
12/31/2001	5,413,535	4,880,342	4,144,794	3,520,365	4,763,102	4,394,499	5,045,015	2,497,203	-481,095	949,922	1,007,995	318,562	-26,305
12/31/2002	3,599,070	4,065,970	5,572,337	6,442,989	3,614,665	1,969,889	951,418	755,443	271,735	101,768	124,451	136,131	-55,817
12/31/2003	3,501,703	4,300,589	3,410,906	4,219,911	1,422,227	1,396,980	686,539	365,577	719,121	379,132	-195,067	26,304	562
12/31/2004	3,848,494	4,581,344	3,230,049	4,194,181	3,053,303	993,449	1,051,766	393,771	538,258	925,411	554,302	366,867	270,733
12/31/2005	4,290,465	3,585,600	3,913,121	3,325,286	1,339,340	1,832,918	2,150,474	1,410,563	886,005	2,847,137	101,630	25,489	71,600
12/31/2006	3,533,697	4,994,530	3,708,486	3,080,306	2,425,389	1,279,549	165,491	1,559,452	-145,906	480,826	233,421	-113,493	279,934
12/31/2007	4,532,297	3,914,300	3,617,657	2,592,980	2,139,243	2,516,907	859,410	412,220	710,146	175,829	412,075	-116,913	
12/31/2008	5,584,098	4,375,662	5,634,264	4,783,416	2,549,196	1,224,085	1,162,838	2,124,520	332,792	362,495	578,253		
12/31/2009	5,103,699	4,616,173	4,317,456	3,171,574	2,056,371	700,677	1,212,834	482,641	4,501,852	-2,388,211			
12/31/2010	5,859,155	4,474,851	4,881,499	2,736,674	2,560,148	2,824,299	803,395	570,811	651,242				
12/31/2011	5,433,142	5,863,650	5,019,771	3,408,293	1,948,883	759,999	1,293,918	765,127					
12/31/2012	4,023,821	6,906,096	4,434,596	4,495,692	2,467,103	752,987	794,922						
12/31/2013	5,593,201	5,722,223	3,578,546	1,778,355	5,020,536	479,076							
12/31/2014	4,311,131	4,129,952	3,220,962	3,165,801	1,801,607								
12/31/2015	5,058,826	7,062,804	5,530,728	2,879,560									
12/31/2016	5,621,784	6,723,367	6,956,055										
12/31/2017	6,712,713	5,556,299											
12/31/2018	5,876,702												

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
12/31/2000	0.1049	0.0509	0.0559	0.0336	0.0625	-0.0399	0.0683	0.0104	0.0095	0.0049	0.0014	0.0068	0.0029
12/31/2001	0.0930	0.0838	0.0712	0.0605	0.0818	0.0755	0.0867	0.0429	-0.0083	0.0163	0.0173	0.0055	-0.0005
12/31/2002	0.0630	0.0712	0.0975	0.1128	0.0633	0.0345	0.0167	0.0132	0.0048	0.0018	0.0022	0.0024	-0.0010
12/31/2003	0.0682	0.0838	0.0665	0.0822	0.0277	0.0272	0.0134	0.0071	0.0140	0.0074	-0.0038	0.0005	0.0000
12/31/2004	0.0747	0.0889	0.0627	0.0814	0.0592	0.0193	0.0204	0.0076	0.0104	0.0180	0.0108	0.0071	0.0053
12/31/2005	0.0963	0.0805	0.0878	0.0746	0.0301	0.0411	0.0483	0.0317	0.0199	0.0639	0.0023	0.0006	0.0016
12/31/2006	0.0788	0.1114	0.0827	0.0687	0.0541	0.0285	0.0037	0.0348	-0.0033	0.0107	0.0052	-0.0025	0.0062
12/31/2007	0.0927	0.0800	0.0740	0.0530	0.0437	0.0515	0.0176	0.0084	0.0145	0.0036	0.0084	-0.0024	
12/31/2008	0.1059	0.0830	0.1069	0.0908	0.0484	0.0232	0.0221	0.0403	0.0063	0.0069	0.0110		
12/31/2009	0.0880	0.0796	0.0744	0.0547	0.0355	0.0121	0.0209	0.0083	0.0776	-0.0412			
12/31/2010	0.0938	0.0717	0.0782	0.0438	0.0410	0.0452	0.0129	0.0091	0.0104				
12/31/2011	0.0735	0.0793	0.0679	0.0461	0.0264	0.0103	0.0175	0.0103					
12/31/2012	0.0660	0.1134	0.0728	0.0738	0.0405	0.0124	0.0130						
12/31/2013	0.0795	0.0814	0.0509	0.0253	0.0714	0.0068							
12/31/2014	0.0600	0.0575	0.0448	0.0441	0.0251								
12/31/2015	0.0667	0.0931	0.0729	0.0380									
12/31/2016	0.0834	0.0998	0.1032										
12/31/2017	0.0831	0.0688											
12/31/2018	0.0705												
Best 3/5	0.0734	0.0811	0.0655	0.0427	0.0359	0.0116	0.0172	0.0093	0.0104	0.0071	0.0081	-0.0004	0.0023

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
12/31/2000	16,096,480	18,002,137	31,636,054	32,226,649	32,927,486	33,844,949	34,160,523	34,240,472	34,429,349	34,228,157	33,992,491
12/31/2001	12,478,076	25,020,723	26,881,414	29,350,246	30,807,591	30,088,662	30,111,954	30,185,913	30,118,259	29,797,352	29,659,558
12/31/2002	13,657,889	15,792,058	16,804,002	18,505,865	16,656,132	17,223,591	16,454,788	16,305,282	16,617,904	16,431,854	16,455,417
12/31/2003	9,049,489	12,278,403	14,114,990	12,723,264	13,124,378	12,673,867	12,304,862	12,311,562	12,290,486	12,250,438	12,360,069
12/31/2004	15,556,335	17,584,806	18,579,082	18,198,335	17,516,913	17,607,945	17,890,406	17,750,627	17,728,687	18,114,501	17,887,430
12/31/2005	17,375,075	21,812,802	23,067,132	22,706,020	22,073,727	21,533,742	21,629,801	21,856,511	21,593,942	21,778,552	21,580,340
12/31/2006	20,155,777	23,396,849	24,617,556	23,592,702	23,203,762	22,844,633	22,708,577	22,890,553	22,772,315	22,752,146	23,027,146
12/31/2007	18,567,872	21,626,186	21,277,179	21,663,064	20,956,763	20,626,606	20,719,614	20,796,691	20,728,926	20,702,279	20,602,627
12/31/2008	14,636,093	16,311,629	16,518,121	15,813,101	16,051,816	16,187,155	16,593,119	16,444,894	16,475,785	16,494,429	16,411,442
12/31/2009	12,729,910	14,648,384	15,804,632	16,870,470	17,430,448	17,384,892	17,378,920	17,163,536	17,256,903	17,265,033	17,185,034
12/31/2010	10,209,176	12,079,974	12,641,064	13,673,789	13,454,686	13,499,741	13,472,950	13,152,205	13,375,665	13,492,721	
12/31/2011	10,777,664	11,469,147	12,683,876	12,799,193	13,356,182	13,191,994	13,073,009	13,143,533	13,264,150		
12/31/2012	8,051,367	10,627,302	11,018,979	10,995,521	11,040,207	10,627,209	10,710,013	10,895,010			
12/31/2013	8,647,329	10,355,433	11,920,323	12,468,100	12,655,353	12,647,921	12,736,955				
12/31/2014	9,145,372	11,382,503	13,993,802	14,976,833	15,337,126	15,712,693					
12/31/2015	9,528,975	13,138,412	16,626,952	18,158,459	18,941,780						
12/31/2016	10,854,992	13,878,571	15,992,252	15,957,789							
12/31/2017	10,381,541	13,749,034	15,349,397								
12/31/2018	9,247,524	11,242,145									
12/31/2019	6,750,321										

A.Y.E.	147 Months	159 Months	171 Months	183 Months	195 Months	207 Months	219 Months	231 Months	243 Months
12/31/2000	34,079,835	33,976,985	34,076,985	34,077,985	34,166,985	34,166,986	34,266,985	34,271,486	34,271,487
12/31/2001	29,522,192	29,821,692	29,814,167	29,866,605	29,876,401	30,003,901	29,999,502	30,099,501	
12/31/2002	16,647,860	16,733,823	16,742,724	16,722,021	16,822,019	16,922,019	16,922,044		
12/31/2003	12,350,953	12,352,950	12,342,950	12,442,950	12,442,950	12,442,950			
12/31/2004	17,967,534	17,948,233	17,981,707	18,097,692	18,097,695				
12/31/2005	21,520,492	21,620,492	21,525,991	21,426,491					
12/31/2006	22,999,225	22,999,225	23,205,472						
12/31/2007	20,602,276	20,615,522							
12/31/2008	16,461,542								

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
12/31/2000	1.118	1.757	1.019	1.022	1.028	1.009	1.002	1.006	0.994	0.993	1.003
12/31/2001	2.005	1.074	1.092	1.050	0.977	1.001	1.002	0.998	0.989	0.995	0.995
12/31/2002	1.156	1.064	1.101	0.900	1.034	0.955	0.991	1.019	0.989	1.001	1.012
12/31/2003	1.357	1.150	0.901	1.032	0.966	0.971	1.001	0.998	0.997	1.009	0.999
12/31/2004	1.130	1.057	0.980	0.963	1.005	1.016	0.992	0.999	1.022	0.987	1.004
12/31/2005	1.255	1.058	0.984	0.972	0.976	1.004	1.010	0.988	1.009	0.991	0.997
12/31/2006	1.161	1.052	0.958	0.984	0.985	0.994	1.008	0.995	0.999	1.012	0.999
12/31/2007	1.165	0.984	1.018	0.967	0.984	1.005	1.004	0.997	0.999	0.995	1.000
12/31/2008	1.114	1.013	0.957	1.015	1.008	1.025	0.991	1.002	1.001	0.995	1.003
12/31/2009	1.151	1.079	1.067	1.033	0.997	1.000	0.988	1.005	1.000	0.995	
12/31/2010	1.183	1.046	1.082	0.984	1.003	0.998	0.976	1.017	1.009		
12/31/2011	1.064	1.106	1.009	1.044	0.988	0.991	1.005	1.009			
12/31/2012	1.320	1.037	0.998	1.004	0.963	1.008	1.017				
12/31/2013	1.198	1.151	1.046	1.015	0.999	1.007					
12/31/2014	1.245	1.229	1.070	1.024	1.024						
12/31/2015	1.379	1.266	1.092	1.043							
12/31/2016	1.279	1.152	0.998								
12/31/2017	1.324	1.116									
12/31/2018	1.216										
3 Yr Mean	1.273	1.178	1.053	1.027	0.995	1.002	0.999	1.010	1.003	0.995	1.001
Best 3/5	1.283	1.177	1.038	1.027	0.997	1.002	0.995	1.005	1.000	0.995	1.001

A.Y.E.	159:147	171:159	183:171	195:183	207:195	219:207	231:219	243:231
12/31/2000	0.997	1.003	1.000	1.003	1.000	1.003	1.000	1.000
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	1.001 *	1.001 *
12/31/2003	1.000	0.999	1.008	1.000	1.000	1.002 *	1.001 *	1.001 *
12/31/2004	0.999	1.002	1.006	1.000	1.001 *	1.002 *	1.001 *	1.001 *
12/31/2005	1.005	0.996	0.995					
12/31/2006	1.000	1.009						
12/31/2007	1.001							
3 Yr Mean	1.002	1.002	1.003	1.002	1.003 @	1.001 @	1.002 @	1.000 @
Best 3/5	1.000	1.001	1.002	1.001	1.002 *	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
12/31/2015					0.997	1.002	0.995	1.005	1.000	0.995	1.001
12/31/2016				1.027	0.997	1.002	0.995	1.005	1.000	0.995	1.001
12/31/2017			1.038	1.027	0.997	1.002	0.995	1.005	1.000	0.995	1.001
12/31/2018		1.177	1.038	1.027	0.997	1.002	0.995	1.005	1.000	0.995	1.001
12/31/2019	1.283	1.177	1.038	1.027	0.997	1.002	0.995	1.005	1.000	0.995	1.001

A.Y.E.	147/159	159/171	171/183	183/195	195/207	207/219	219/231	231/243	243/Ult	FACTORS
12/31/2015	1.000	1.001	1.002	1.001	1.002	1.001	1.001	1.001	1.004*	1.008
12/31/2016	1.000	1.001	1.002	1.001	1.002	1.001	1.001	1.001	1.004*	1.035
12/31/2017	1.000	1.001	1.002	1.001	1.002	1.001	1.001	1.001	1.004*	1.075
12/31/2018	1.000	1.001	1.002	1.001	1.002	1.001	1.001	1.001	1.004*	1.265
12/31/2019	1.000	1.001	1.002	1.001	1.002	1.001	1.001	1.001	1.004*	1.623

* Calculated Using Modified Bondy Method

@ 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
12/31/2000	6,424,256	9,862,726	18,724,769	24,250,925	27,482,009	30,192,183	32,022,507	33,526,394	35,177,234	37,523,461	38,675,495
12/31/2001	3,969,235	13,803,262	20,063,360	24,063,865	29,864,363	31,566,998	32,858,952	34,295,526	34,570,475	34,533,745	34,644,917
12/31/2002	5,117,510	8,076,595	9,957,820	12,446,275	12,639,681	14,636,614	16,423,574	16,599,330	17,082,894	18,092,852	18,133,668
12/31/2003	4,059,575	8,665,356	13,526,160	16,403,978	20,309,271	20,793,570	28,023,320	29,869,685	30,931,513	31,252,208	31,342,623
12/31/2004	3,032,129	7,330,727	13,428,869	17,130,575	18,902,570	20,137,376	20,538,265	20,845,112	21,020,921	21,535,317	21,508,524
12/31/2005	2,450,240	7,436,776	12,488,612	16,333,738	17,906,449	18,627,678	21,024,326	21,298,900	24,905,805	28,081,618	28,544,578
12/31/2006	2,480,577	7,298,674	12,152,932	19,742,932	22,429,211	23,293,583	25,081,920	24,196,630	24,858,005	24,980,461	25,174,095
12/31/2007	3,097,876	7,965,980	14,112,861	17,829,965	19,385,186	19,016,802	19,576,865	20,001,365	19,908,877	19,886,644	19,962,708
12/31/2008	2,762,453	7,395,071	11,111,420	14,294,351	16,190,692	17,106,936	17,804,067	18,359,058	18,797,705	19,000,438	18,912,369
12/31/2009	3,684,116	8,085,649	17,507,697	24,479,947	29,167,455	32,688,160	34,405,008	36,146,834	36,434,143	36,611,043	33,724,405
12/31/2010	3,209,494	11,776,293	15,639,536	18,533,816	23,275,676	25,811,886	26,858,079	27,033,162	27,748,563	28,054,785	
12/31/2011	6,331,203	16,599,558	22,120,461	33,388,279	35,725,742	39,815,989	40,546,738	41,605,960	42,508,806		
12/31/2012	3,044,294	7,080,775	12,067,083	16,624,633	23,906,410	24,096,119	29,680,129	30,200,064			
12/31/2013	3,920,270	11,030,682	16,215,057	20,430,127	24,596,315	26,166,525	30,290,136				
12/31/2014	5,032,083	8,817,075	13,917,767	18,283,754	21,145,715	25,242,821					
12/31/2015	3,849,000	10,978,539	17,277,294	23,362,465	27,754,304						
12/31/2016	5,480,214	10,365,018	13,331,177	15,604,154							
12/31/2017	5,948,686	13,937,900	20,510,963								
12/31/2018	3,185,453	11,415,743									
12/31/2019	1,802,039										

A.Y.E.	147 Months	159 Months	171 Months	183 Months	195 Months	207 Months	219 Months	231 Months	243 Months
12/31/2000	38,410,269	38,403,764	38,406,060	38,395,007	38,388,580	38,388,581	38,388,581	38,400,716	38,467,567
12/31/2001	34,671,732	34,686,924	34,778,221	34,789,199	34,791,211	34,794,001	34,802,798	34,838,968	
12/31/2002	18,172,933	18,972,505	21,093,321	21,068,974	21,174,044	21,719,555	21,715,031		
12/31/2003	31,354,920	31,337,065	31,337,065	31,337,066	31,337,066	31,337,066			
12/31/2004	21,935,034	21,734,340	21,797,171	21,935,054	22,067,354				
12/31/2005	28,592,610	30,199,444	30,669,601	29,577,342					
12/31/2006	25,325,060	25,502,387	25,708,316						
12/31/2007	19,962,708	20,015,180							
12/31/2008	18,918,696								

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
12/31/2000	3,438,470	8,862,043	5,526,156	3,231,084	2,710,174	1,830,324	1,503,887	1,650,840	2,346,227	1,152,034	-265,226	-6,505	2,296
12/31/2001	9,834,027	6,260,098	4,000,505	5,800,498	1,702,635	1,291,954	1,436,574	274,949	-36,730	111,172	26,815	15,192	91,297
12/31/2002	2,959,085	1,881,225	2,488,455	193,406	1,996,933	1,786,960	175,756	483,564	1,009,958	40,816	39,265	799,572	2,120,816
12/31/2003	4,605,781	4,860,804	2,877,818	3,905,293	484,299	7,229,750	1,846,365	1,061,828	320,695	90,415	12,297	-17,855	0
12/31/2004	4,298,598	6,098,142	3,701,706	1,771,995	1,234,806	400,889	306,847	175,809	514,396	-26,793	426,510	-200,694	62,831
12/31/2005	4,986,536	5,051,836	3,845,126	1,572,711	721,229	2,396,648	274,574	3,606,905	3,175,813	462,960	48,032	1,606,834	470,157
12/31/2006	4,818,097	4,854,258	7,590,000	2,686,279	864,372	1,788,337	-885,290	661,375	122,456	193,634	150,965	177,327	205,929
12/31/2007	4,868,104	6,146,881	3,717,104	1,555,221	-368,384	560,063	424,500	-92,488	-22,233	76,064	0	52,472	
12/31/2008	4,632,618	3,716,349	3,182,931	1,896,341	916,244	697,131	554,991	438,647	202,733	-88,069	6,327		
12/31/2009	4,401,533	9,422,048	6,972,250	4,687,508	3,520,705	1,716,848	1,741,826	287,309	176,900	-2,886,638			
12/31/2010	8,566,799	3,863,243	2,894,280	4,741,860	2,536,210	1,046,193	175,083	715,401	306,222				
12/31/2011	10,268,355	5,520,903	11,267,818	2,337,463	4,090,247	730,749	1,059,222	902,846					
12/31/2012	4,036,481	4,986,308	4,557,550	7,281,777	189,709	5,584,010	519,935						
12/31/2013	7,110,412	5,184,375	4,215,070	4,166,188	1,570,210	4,123,611							
12/31/2014	3,784,992	5,100,692	4,365,987	2,861,961	4,097,106								
12/31/2015	7,129,539	6,298,755	6,085,171	4,391,839									
12/31/2016	4,884,804	2,966,159	2,272,977										
12/31/2017	7,989,214	6,573,063											
12/31/2018	8,230,290												

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
12/31/2000	0.0633	0.1632	0.1018	0.0595	0.0499	0.0337	0.0277	0.0304	0.0432	0.0212	-0.0049	-0.0001	0.0000
12/31/2001	0.1998	0.1272	0.0813	0.1178	0.0346	0.0262	0.0292	0.0056	-0.0007	0.0023	0.0005	0.0003	0.0019
12/31/2002	0.1139	0.0724	0.0958	0.0074	0.0769	0.0688	0.0068	0.0186	0.0389	0.0016	0.0015	0.0308	0.0817
12/31/2003	0.2215	0.2338	0.1384	0.1878	0.0233	0.3478	0.0888	0.0511	0.0154	0.0043	0.0006	-0.0009	0.0000
12/31/2004	0.1479	0.2098	0.1274	0.0610	0.0425	0.0138	0.0106	0.0060	0.0177	-0.0009	0.0147	-0.0069	0.0022
12/31/2005	0.1509	0.1529	0.1164	0.0476	0.0218	0.0725	0.0083	0.1092	0.0961	0.0140	0.0015	0.0486	0.0142
12/31/2006	0.1325	0.1335	0.2087	0.0739	0.0238	0.0492	-0.0243	0.0182	0.0034	0.0053	0.0042	0.0049	0.0057
12/31/2007	0.1620	0.2046	0.1237	0.0518	-0.0123	0.0186	0.0141	-0.0031	-0.0007	0.0025	0.0000	0.0017	
12/31/2008	0.1798	0.1442	0.1235	0.0736	0.0356	0.0270	0.0215	0.0170	0.0079	-0.0034	0.0002		
12/31/2009	0.1432	0.3066	0.2269	0.1526	0.1146	0.0559	0.0567	0.0094	0.0058	-0.0939			
12/31/2010	0.3586	0.1617	0.1212	0.1985	0.1062	0.0438	0.0073	0.0299	0.0128				
12/31/2011	0.4207	0.2262	0.4616	0.0958	0.1676	0.0299	0.0434	0.0370					
12/31/2012	0.2315	0.2860	0.2614	0.4177	0.0109	0.3203	0.0298						
12/31/2013	0.3164	0.2307	0.1876	0.1854	0.0699	0.1835							
12/31/2014	0.1376	0.1855	0.1588	0.1041	0.1490								
12/31/2015	0.2149	0.1899	0.1835	0.1324									
12/31/2016	0.1698	0.1031	0.0790										
12/31/2017	0.2512	0.2067											
12/31/2018	0.3361												
Best 3/5	0.2120	0.1940	0.1766	0.1406	0.1083	0.0944	0.0316	0.0188	0.0057	0.0015	0.0020	0.0019	0.0074

Multistate Review of ULAE Experience
General Liability Including CMP Liability
Loss Adjustment Expense Special Call
Calendar Years 2015- 2019

Item *	2015	2016	2017	2018	2019	2015 - 2019 Mean
1. Direct Losses Incurred	$24,958,455	$25,388,567	$22,632,160	$26,519,433	$28,416,595	
2. Allocated Loss Adjustment Expenses Incurred (ALAE)	$6,032,038	$4,939,134	$5,935,928	$5,781,764	$5,750,906	
3. Unallocated Loss Adjustment Expenses Incurred (ULAE)	$2,454,825	$2,540,806	$2,332,466	$2,282,751	$2,814,839	
4. Incurred Losses + ALAE [(1) + (2)]	$30,990,493	$30,327,701	$28,568,088	$32,301,197	$34,167,501	

Incurred Percentage

Item *	2015	2016	2017	2018	2019	2015 - 2019 Mean
5. Ratio of ULAE to (Losses + ALAE) [(3)/(4)]	7.9%	8.4%	8.2%	7.1%	8.2%	8.0%

6. Selected   8.0%

Notes: All dollar amounts are displayed in thousands.

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

PREMISES / OPERATIONS
TREND SUMMARY
AVERAGE ANNUAL PERCENT CHANGES

(1) EXPOSURE TREND	MANUFACTURERS	CONTRACTORS	OL&T CLASS GROUPS 1-13 *	OL&T CLASS GROUP 16	PREMISES/ OPERATIONS
a) 7/1/2017 to 7/1/2022 AYE 12/31/2017	+ 0.9%	+ 1.6%	+ 1.1%	+ 1.8%	+ 0.8%
b) 7/1/2018 to 7/1/2022 AYE 12/31/2018	+ 0.8%	+ 1.1%	+ 1.1%	+ 1.3%	+ 0.6%
c) 7/1/2019 to 7/1/2022 AYE 12/31/2019	+ 0.7%	+ 0.6%	+ 1.1%	+ 1.1%	+ 0.5%

	MANUFACTURERS & CONTRACTORS			OWNERS, LANDLORDS & TENANTS		
(2) OCCURRENCE SEVERITY	Bodily Injury	Property Damage	Fringe	Bodily Injury	Property Damage	Fringe
a) Fitted						
All Years (20 Points)	+ 4.2%	+ 5.3%	- 1.9%	+ 4.8%	+ 5.2%	- 4.4%
Eight Year (16 Points)	+ 4.3%	+ 4.3%	- 5.2%	+ 5.0%	+ 5.9%	- 5.4%
Six Year (12 Points)	+ 4.2%	+ 2.8%	- 9.3%	+ 5.0%	+ 7.6%	- 1.1%
b) Selected	+ 4.5%	+ 4.5%	0.0%	+ 4.5%	+ 5.5%	0.0%

(3) FREQUENCY TREND	M&C	OL&T
Selected	0.0%	- 0.5%

(4) TOTAL ANNUAL NET TREND	+3.9%	+ 3.7%

Net trend = (frequency trend × 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 12/31/2017, 12/31/2018 & 12/31/2019

(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
2009	1	0.961	22.128	2016	1	1.030	25.313
	2	0.966	22.349		2	1.030	25.481
	3	0.969	22.502		3	1.029	25.735
	4	0.968	22.653		4	1.030	25.943
2010	1	0.964	22.806	2017	1	1.033	26.166
	2	0.962	22.928		2	1.034	26.330
	3	0.962	23.080		3	1.037	26.530
	4	0.965	23.208		4	1.040	26.719
2011	1	0.968	23.312	2018	1	1.043	26.958
	2	0.973	23.427		2	1.047	27.208
	3	0.978	23.556		3	1.051	27.441
	4	0.982	23.638		4	1.054	27.728
2012	1	0.986	23.715	2019	1	1.057	27.949
	2	0.990	23.794		2	1.060	28.183
	3	0.995	23.873		3	1.062	28.355
	4	1.000	23.965		4	1.064	28.506
2013	1	1.004	24.062	2020	1	1.065	28.691
	2	1.006	24.140		2	1.059	28.816
	3	1.008	24.167		3P	1.055	28.993
	4	1.010	24.208		4P	1.052	28.953
2014	1	1.012	24.299	2021	1P	1.050	28.873
	2	1.016	24.405		2P	1.055	28.805
	3	1.019	24.538		3P	1.058	28.682
	4	1.022	24.663		4P	1.062	28.738
2015	1	1.024	24.759	2022	1P	1.067	28.793
	2	1.026	24.909		2P	1.074	28.845
	3	1.027	25.013		3P	1.081	28.905
	4	1.030	25.172		4P	1.088	28.981

CHANGE IN EXPOSURES		MANUFACTURERS	CONTRACTORS
7/1/2017 to 7/1/2022	(2022:4/2017:4)	1.046	1.085
7/1/2018 to 7/1/2022	(2022:4/2018:4)	1.032	1.045
7/1/2019 to 7/1/2022	(2022:4/2019:4)	1.022	1.017

AVERAGE ANNUAL TREND FACTOR			
7/1/2017 to 7/1/2022	(5.0 YRS)	1.009	1.016
7/1/2018 to 7/1/2022	(4.0 YRS)	1.008	1.011
7/1/2019 to 7/1/2022	(3.0 YRS)	1.007	1.006

* 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	9.7%	-0.6%
OTHER DURABLES	6.2%	-1.4%
CLOTHING	9.7%	-1.4%
FOOD	43.1%	2.1%
OTHER NON-DURABLES	27.1%	1.5%
RECREATION SERVICES	4.2%	1.9%
TOTAL	100.0%	1.1%[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 12/31/2019. Inflation adjusted GDP is measured in terms of 2012 prices.

[3]   Inflation trends are based on average annual growth rates in consumption components starting 2017 to 2022.

[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
2009	1	1.066	0.986	0.947	0.931	0.919	0.940	2016	1	0.920	0.902	0.999	1.061	1.027	1.058
	2	1.069	0.986	0.950	0.936	0.930	0.942		2	0.913	0.901	0.999	1.063	1.030	1.064
	3	1.066	0.985	0.952	0.937	0.942	0.944		3	0.907	0.899	0.998	1.064	1.034	1.071
	4	1.061	0.986	0.956	0.936	0.953	0.947		4	0.900	0.899	0.998	1.065	1.038	1.077
2010	1	1.051	0.984	0.957	0.936	0.962	0.949	2017	1	0.895	0.897	0.999	1.066	1.042	1.086
	2	1.039	0.983	0.956	0.937	0.966	0.953		2	0.888	0.893	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	0.869	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	0.878	0.993	1.086	1.055	1.126
	4	1.000	1.008	0.965	0.975	0.985	0.973		4	0.866	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	0.991	1.095	1.055	1.136
	2	1.001	1.009	0.988	0.991	0.993	0.986		2	0.869	0.857	0.984	1.100	1.055	1.142
	3	1.000	1.005	0.994	0.996	0.997	0.993		3	0.872	0.852	0.984	1.105	1.056	1.147
	4	1.000	1.000	1.000	1.000	1.000	1.000		4	0.872	0.851	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	0.848	0.976	1.113	1.063	1.160
	2	0.994	0.989	1.006	1.008	1.001	1.009		2	0.869	0.842	0.961	1.117	1.066	1.166
	3	0.988	0.985	1.009	1.012	1.001	1.013		3P	0.869	0.836	0.944	1.124	1.071	1.173
	4	0.981	0.979	1.010	1.015	1.002	1.017		4P	0.869	0.831	0.931	1.133	1.075	1.177
2014	1	0.972	0.970	1.010	1.018	1.004	1.022	2021	1P	0.865	0.827	0.918	1.144	1.080	1.181
	2	0.962	0.959	1.012	1.024	1.006	1.028		2P	0.861	0.826	0.922	1.152	1.087	1.183
	3	0.954	0.950	1.013	1.030	1.009	1.032		3P	0.855	0.824	0.922	1.159	1.093	1.187
	4	0.947	0.940	1.013	1.038	1.013	1.036		4P	0.851	0.823	0.922	1.166	1.100	1.192
2015	1	0.940	0.931	1.011	1.045	1.017	1.038	2022	1P	0.849	0.823	0.922	1.172	1.107	1.198
	2	0.936	0.923	1.007	1.050	1.021	1.042		2P	0.848	0.823	0.922	1.179	1.114	1.204
	3	0.930	0.914	1.004	1.054	1.023	1.047		3P	0.849	0.824	0.923	1.186	1.121	1.211
	4	0.924	0.906	1.001	1.058	1.025	1.052		4P	0.850	0.825	0.924	1.193	1.129	1.219

Change In Exposures*						Average Annual Trend Factor						
7/1/2017 to 7/1/2022 (2022:4/2017:4)	0.971	0.930	0.932	1.110	1.076	1.100	7/1/2017 to 7/1/2022 (5.0 Years)	-0.6%	-1.4%	-1.4%	2.1%	1.5%	1.9%

*Assumes a loss cost revision date of July 1, 2021, and a prospective average date of coverage one year later (July 1, 2022).

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(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 @
2009	1	0.926	2016	1	1.055
	2	0.924		2	1.055
	3	0.920		3	1.055
	4	0.920		4	1.058
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	1.094
	2	0.962		2	1.106
	3	0.971		3	1.117
	4	0.977		4	1.128
2012	1	0.984	2019	1	1.135
	2	0.988		2	1.141
	3	0.992		3	1.146
	4	1.000		4	1.150
2013	1	1.007	2020	1	1.157
	2	1.016		2	1.159
	3	1.025		3P	1.161
	4	1.033		4P	1.160
2014	1	1.040	2021	1P	1.158
	2	1.046		2P	1.159
	3	1.052		3P	1.161
	4	1.056		4P	1.165
2015	1	1.056	2022	1P	1.170
	2	1.057		2P	1.175
	3	1.057		3P	1.181
	4	1.056		4P	1.188

CHANGE IN EXPOSURES			AVERAGE ANNUAL TREND FACTOR		
7/1/2017 to 7/1/2022	(2022:4/2017:4)	1.095	7/1/2017 to 7/1/2022	(5.0 YRS)	1.018
7/1/2018 to 7/1/2022	(2022:4/2018:4)	1.053	7/1/2018 to 7/1/2022	(4.0 YRS)	1.013
7/1/2019 to 7/1/2022	(2022:4/2019:4)	1.033	7/1/2019 to 7/1/2022	(3.0 YRS)	1.011

* 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)	(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
6/30/2010	$ 236,666,579	4,191	$ 56,470	$ 55,105		
12/31/2010	236,203,716	4,305	54,867	56,260		
6/30/2011	251,692,000	4,457	56,471	57,439		
12/31/2011	261,093,208	4,307	60,621	58,642		
6/30/2012	232,851,092	3,790	61,438	59,871	$ 59,630	
12/31/2012	216,624,874	3,552	60,987	61,125	60,904	
6/30/2013	215,836,528	3,562	60,594	62,406	62,205	
12/31/2013	226,003,627	3,646	61,987	63,713	63,534	
6/30/2014	253,264,172	3,877	65,325	65,048	64,892	$ 65,153
12/31/2014	250,469,954	3,610	69,382	66,411	66,279	66,516
6/30/2015	226,035,976	3,386	66,756	67,803	67,695	67,908
12/31/2015	218,471,156	3,336	65,489	69,223	69,142	69,330
6/30/2016	220,626,062	3,088	71,446	70,673	70,619	70,781
12/31/2016	225,731,026	3,097	72,887	72,154	72,128	72,262
6/30/2017	224,437,358	3,130	71,705	73,666	73,669	73,774
12/31/2017	245,236,951	3,158	77,656	75,209	75,244	75,318
6/30/2018	251,833,749	3,140	80,202	76,785	76,851	76,895
12/31/2018	239,140,785	3,100	77,142	78,394	78,494	78,504
6/30/2019	238,753,012	3,068	77,820	80,036	80,171	80,147
12/31/2019	247,531,501	2,983	82,981	81,713	81,884	81,824
	Goodness of Fit Statistic, R-Squared:			0.949	0.923	0.855

Average Annual Severity Trend (10 yr)   + 4.2%
Average Annual Severity Trend (8 yr)   + 4.3%
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 Section B- 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
<u>Property Damage</u>

(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
6/30/2010	$ 164,506,430	15,426	$ 10,664	$ 10,808		
12/31/2010	168,280,881	15,959	10,545	11,089		
6/30/2011	173,462,691	16,045	10,811	11,377		
12/31/2011	175,727,650	15,857	11,082	11,673		
6/30/2012	168,884,528	15,193	11,116	11,976	$ 12,538	
12/31/2012	180,436,874	14,269	12,645	12,287	12,803	
6/30/2013	182,169,716	13,708	13,289	12,606	13,074	
12/31/2013	176,023,937	12,921	13,623	12,934	13,351	
6/30/2014	181,686,031	12,562	14,463	13,270	13,633	$ 14,279
12/31/2014	182,337,985	12,383	14,725	13,615	13,921	14,480
6/30/2015	185,774,109	12,099	15,355	13,969	14,215	14,684
12/31/2015	182,745,933	12,174	15,011	14,332	14,516	14,890
6/30/2016	179,002,296	12,353	14,491	14,704	14,823	15,099
12/31/2016	185,125,760	12,622	14,667	15,086	15,136	15,312
6/30/2017	185,275,600	12,555	14,757	15,478	15,456	15,527
12/31/2017	197,498,509	12,344	16,000	15,880	15,783	15,745
6/30/2018	196,287,419	12,411	15,816	16,293	16,117	15,966
12/31/2018	198,589,420	12,277	16,176	16,716	16,458	16,191
6/30/2019	196,386,466	12,074	16,265	17,151	16,806	16,418
12/31/2019	210,157,592	11,931	17,614	17,597	17,161	16,649

Goodness of Fit Statistic, R-Squared:				0.893	0.808	0.695

Average Annual Severity Trend (10 yr) + 5.3%
Average Annual Severity Trend (8 yr) + 4.3%
Average Annual Severity Trend (6 yr) + 2.8%

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 Section B- Explanation of Trend Calculation).

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

(1) Accident Year Ending	(2) Basic Limit Paid Losses *	(3) Occurrences at Ultimate	(4) (2)/(3) Actual Severity	(5) Exponential Curve of Best Fit to Col (4)		
				10 Year	8 Year	6 Year
6/30/2010	$ 22,756,919	596	$ 38,183	$ 42,517		
12/31/2010	18,700,917	575	32,523	42,107		
6/30/2011	18,600,421	501	37,127	41,701		
12/31/2011	18,776,803	498	37,704	41,299		
6/30/2012	18,373,357	471	39,009	40,900	$ 48,205	
12/31/2012	16,581,481	441	37,600	40,506	46,929	
6/30/2013	18,985,662	424	44,778	40,115	45,687	
12/31/2013	24,207,264	475	50,963	39,728	44,478	
6/30/2014	22,628,985	520	43,517	39,345	43,300	$ 50,208
12/31/2014	29,243,724	505	57,908	38,966	42,154	47,810
6/30/2015	21,666,574	507	42,735	38,590	41,038	45,527
12/31/2015	19,836,372	521	38,074	38,218	39,952	43,353
6/30/2016	21,250,954	523	40,633	37,849	38,894	41,283
12/31/2016	20,339,316	483	42,110	37,484	37,865	39,311
6/30/2017	17,739,797	507	34,990	37,122	36,862	37,434
12/31/2017	23,651,816	537	44,044	36,764	35,887	35,647
6/30/2018	22,331,882	535	41,742	36,410	34,937	33,944
12/31/2018	15,841,051	506	31,306	36,058	34,012	32,323
6/30/2019	12,936,969	465	27,821	35,711	33,112	30,780
12/31/2019	12,582,421	487	25,837	35,366	32,235	29,310

Goodness of Fit Statistic, R-Squared:	0.092	0.384	0.629

Average Annual Severity Trend (10 yr)	- 1.9%
Average Annual Severity Trend (8 yr)	- 5.2%
Average Annual Severity Trend (6 yr)	- 9.3%
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 Section B- 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)	(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
6/30/2010	$ 629,669,934	19,244	$ 32,720	$ 32,673		
12/31/2010	663,135,928	19,596	33,840	33,452		
6/30/2011	684,690,593	19,929	34,356	34,249		
12/31/2011	678,946,473	19,079	35,586	35,066		
6/30/2012	615,328,807	16,889	36,434	35,901	$ 35,602	
12/31/2012	585,802,474	16,014	36,581	36,757	36,482	
6/30/2013	614,696,504	16,768	36,659	37,633	37,383	
12/31/2013	665,157,050	17,677	37,628	38,530	38,307	
6/30/2014	741,540,944	18,910	39,214	39,448	39,254	$ 39,323
12/31/2014	741,267,087	18,073	41,015	40,388	40,224	40,289
6/30/2015	728,574,942	17,567	41,474	41,351	41,218	41,279
12/31/2015	762,926,569	17,792	42,880	42,337	42,237	42,293
6/30/2016	728,464,822	16,702	43,615	43,346	43,281	43,332
12/31/2016	744,000,830	16,787	44,320	44,379	44,351	44,397
6/30/2017	775,640,537	17,503	44,315	45,436	45,447	45,487
12/31/2017	806,376,189	17,878	45,104	46,519	46,570	46,605
6/30/2018	870,473,437	18,652	46,669	47,628	47,721	47,750
12/31/2018	882,520,966	18,051	48,890	48,763	48,900	48,923
6/30/2019	832,221,030	16,673	49,914	49,925	50,109	50,125
12/31/2019	822,052,311	15,252	53,898	51,115	51,347	51,356

Goodness of Fit Statistic, R-Squared:	0.981	0.969	0.942

Average Annual Severity Trend (10 yr)	+ 4.8%
Average Annual Severity Trend (8 yr)	+ 5.0%
Average Annual Severity Trend (6 yr)	+ 5.0%
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 Section B- 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)	(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
6/30/2010	$ 73,652,798	8,334	$ 8,838	$ 8,173		
12/31/2010	72,405,900	8,570	8,449	8,385		
6/30/2011	74,704,730	8,802	8,487	8,601		
12/31/2011	78,951,874	8,688	9,087	8,823		
6/30/2012	75,395,767	7,958	9,474	9,051	$ 8,778	
12/31/2012	71,375,349	7,524	9,486	9,285	9,034	
6/30/2013	70,097,416	7,644	9,170	9,525	9,297	
12/31/2013	74,176,560	7,611	9,746	9,771	9,569	
6/30/2014	72,847,181	7,796	9,344	10,024	9,848	$ 9,318
12/31/2014	69,896,938	7,769	8,997	10,283	10,135	9,668
6/30/2015	80,656,135	7,476	10,789	10,548	10,431	10,031
12/31/2015	81,981,945	7,483	10,956	10,821	10,735	10,407
6/30/2016	78,176,131	7,447	10,498	11,101	11,048	10,798
12/31/2016	85,159,184	7,534	11,303	11,387	11,370	11,203
6/30/2017	88,136,147	7,936	11,106	11,682	11,702	11,623
12/31/2017	92,246,918	7,775	11,865	11,984	12,043	12,059
6/30/2018	97,269,729	7,481	13,002	12,293	12,395	12,512
12/31/2018	92,714,434	7,300	12,701	12,611	12,756	12,981
6/30/2019	93,402,373	7,029	13,288	12,937	13,128	13,468
12/31/2019	95,965,616	6,713	14,295	13,271	13,511	13,974

Goodness of Fit Statistic, R-Squared:	0.897	0.880	0.911

Average Annual Severity Trend (10 yr)	+ 5.2%
Average Annual Severity Trend (8 yr)	+ 5.9%
Average Annual Severity Trend (6 yr)	+ 7.6%
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 Section B- 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
6/30/2010	$ 42,818,549	556	$ 77,012	$ 89,839		
12/31/2010	34,027,052	520	65,437	87,846		
6/30/2011	40,240,950	469	85,802	85,897		
12/31/2011	50,093,985	416	120,418	83,991		
6/30/2012	38,520,728	346	111,332	82,128	$ 85,957	
12/31/2012	31,127,986	338	92,095	80,306	83,603	
6/30/2013	31,057,570	382	81,303	78,524	81,313	
12/31/2013	32,207,509	413	77,984	76,782	79,087	
6/30/2014	35,697,762	475	75,153	75,078	76,921	$ 66,138
12/31/2014	31,369,382	514	61,030	73,413	74,814	65,777
6/30/2015	38,785,792	602	64,428	71,784	72,766	65,418
12/31/2015	41,647,739	686	60,711	70,191	70,773	65,060
6/30/2016	38,144,204	704	54,182	68,634	68,835	64,705
12/31/2016	35,977,283	644	55,865	67,111	66,950	64,351
6/30/2017	34,558,971	575	60,103	65,622	65,116	64,000
12/31/2017	44,115,599	552	79,920	64,166	63,333	63,650
6/30/2018	55,391,961	550	100,713	62,743	61,599	63,303
12/31/2018	39,909,191	519	76,896	61,350	59,912	62,957
6/30/2019	21,774,753	453	48,068	59,989	58,271	62,613
12/31/2019	21,007,800	418	50,258	58,658	56,675	62,271

Goodness of Fit Statistic, R-Squared:	0.268	0.283	0.008

Average Annual Severity Trend (10 yr)	- 4.4%
Average Annual Severity Trend (8 yr)	- 5.4%
Average Annual Severity Trend (6 yr)	- 1.1%
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 Section B- Explanation of Trend Calculation).

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)	(2)	(3)	(4)
Accident Year Ending	Aggregate Loss Costs at Current Level	Occurrences at Ultimate[1]	Occurrence Frequency $(3)/(2)^2$
12/31/2006	$ 751,160,733	27,615	36.76
12/31/2007	767,913,150	28,349	36.92
12/31/2008	814,568,779	29,661	36.41
12/31/2009	744,850,407	27,825	37.36
12/31/2010	740,417,692	29,867	40.34
12/31/2011	757,746,882	28,333	37.39
12/31/2012	748,767,181	26,953	36.00
12/31/2013	781,736,406	26,683	34.13
12/31/2014	824,370,882	27,656	33.55
12/31/2015	842,255,518	27,532	32.69
12/31/2016	855,429,498	28,303	33.09
12/31/2017	883,731,495	28,806	32.60
12/31/2018	893,651,221	28,784	32.21
12/31/2019	900,460,249	27,980	31.07

Selected Annual Frequency Trend: 0.0%

[1] Occurrences are based on reported paid amounts developed to ultimate using paid development factors.
[2] Frequency is per $1,000,000 Aggregate Loss Costs at Current Level.

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 $(3)/(2)^2$
12/31/2006	$ 953,785,137	31,428	32.95
12/31/2007	1,015,425,783	33,517	33.01
12/31/2008	1,128,792,284	34,639	30.69
12/31/2009	1,194,709,824	33,355	27.92
12/31/2010	1,250,987,611	34,331	27.44
12/31/2011	1,253,405,593	32,185	25.68
12/31/2012	1,251,430,533	28,461	22.74
12/31/2013	1,255,625,092	30,908	24.62
12/31/2014	1,303,994,621	31,399	24.08
12/31/2015	1,391,835,790	32,137	23.09
12/31/2016	1,406,414,634	30,788	21.89
12/31/2017	1,432,362,241	32,836	22.92
12/31/2018	1,422,577,544	32,596	22.91
12/31/2019	1,380,657,666	29,915	21.67

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
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

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	
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	

CLASS GROUP 10		
41421	0.015	
41422	0.008	
41603	0.71	
41604	0.39	
41650	1.00	*
41680	0.52	
41715	0.33	
41716	0.21	
46004	0.95	
46005	0.76	
47469	0.15	
47471	0.13	
47473	0.17	
47474	0.19	
47475	0.15	
47476	0.15	
47477	0.20	
47478	0.21	
67508	1.20	
67509	0.88	
67510	0.49	
67511	0.53	
67512	2.27	
67513	1.44	

CLASS GROUP 11		
60010	1.00	*
60011	1.15	
60012	1.89	
60013	1.62	
60015	1.21	
60016	1.36	

61000	0.99	
63010	1.80	
63011	2.25	
63012	3.20	
63013	3.03	
68500	0.22	

CLASS GROUP 12@		
41678	3.04	
43152	0.91	
46362	10.61	
46426	1.55	
46427	2.07	
46603	0.13	
46604	0.15	
46606	0.40	
46607	0.55	
48600	3.10	
60035	1.86	
61212	1.00	*
61216	1.11	
61217	1.01	
61218	0.69	
61223	4.66	
61224	1.65	
61225	2.29	
61226	3.65	
61227	3.34	
62000	0.76	
62001	0.57	
62002	0.26	
62003	0.82	
63215	2.71	
63216	1.88	

65007	1.65	
66122	0.71	
66123	0.39	
66309	1.14	
66561	2.64	
67017	2.45	
67634	2.12	
67635	1.50	
68001	4.58	
68439	5.89	
68604	0.11	
68606	0.43	
68607	0.34	
68702	0.28	
68703	0.21	
68706	0.90	
68707	0.89	

CLASS GROUP 13		
40075	1.87	
43151	0.93	
43200	3.54	
43421	0.97	
43422	5.09	
43550	3.46	
43551	1.92	
44276	4.75	
44277	3.08	
45334	2.04	
45450	0.60	
45937	0.008	
46700	7.12	
47221	7.81	
48039	2.51	

49181	0.82	
49183	1.00	*
49184	2.11	
49185	1.92	
49292	0.060	
49333	0.44	
49801	6.88	
49802	0.61	
49803	1.08	

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

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

CLASS GROUP 14							
10020	(a)	40140	(a)	46881	(a)	97502	(a)
10119	(a)	41210	(a)	46882	(a)	97503	(a)
10135	(a)	41666	(a)	46913	(a)	97504	(a)
10375	(a)	41672	(a)	46914	(a)		
11101	(a)	41673	(a)	46915	(a)		
11120	(a)	41700	(a)	46916	(a)		
11160	(a)	43007	(a)	47051	(a)	CLASS GROUP 16	
13208	(a)	43117	(a)	47052	(a)	44100	0.96
13461	(a)	43215	(a)	47103	(a)	44101	1.00 *
15119	(a)	43424	(a)	47146	(a)	44102	0.78
15120	(a)	43517	(a)	47147	(a)	44103	0.69
15300	(a)	43754	(a)	47253	(a)	44104	0.29
16722	(a)	43945	(a)	47254	(a)	44108	0.34
16723	(a)	43946	(a)	47468	(a)	44109	0.86
18200	(a)	43990	(a)	47600	(a)	44110	0.88
18991	(a)	43991	(a)	47610	(a)	44111	0.54
19061	(a)	44105	(a)	48177	(a)	44112	0.32
40005	(a)	44106	(a)	48178	(a)		
40006	(a)	44113	(a)	48252	(a)		
40010	(a)	44193	(a)	48610	(a)		
40015	(a)	44194	(a)	48727	(a)		
40020	(a)	44222	(a)	48924	(a)		
40026	(a)	44500	(a)	49305	(a)		
40031	(a)	44501	(a)	49451	(a)		
40032	(a)	45224	(a)	49452	(a)		
40040	(a)	45225	(a)	49800	(a)		
40041	(a)	45523	(a)	49890	(a)		
40042	(a)	45524	(a)	49891	(a)		
40066	(a)	45539	(a)	49902	(a)		
40067	(a)	45993	(a)	49903	(a)		
40069	(a)	46510	(a)	63219	(a)		
40072	(a)	46590	(a)	63220	(a)		
40115	(a)	46671	(a)	64500	(a)		
40117	(a)	46773	(a)	97501	(a)		
		46822	(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

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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	0.078	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				

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

CLASS GROUP 36 (cont'd)

Code	Differential		Code	Differential		Code	Differential		Code	Differential
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			

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

CLASS GROUP 37							
48636	10.49	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		
52076	1.47	56919	1.25	59806	1.44		
52137	0.48	56920	1.14	59892	0.77		
		57090	1.83	59904	0.52		
		57146	1.16	59915	1.73		

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

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

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

SECTION F

SUPPORTING MATERIAL -- PRODUCTS

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TYPE OF POLICY	ACCIDENT YEAR ENDING	$100,000 BASIC LIMIT AGGREGATE LOSS COSTS AT CURRENT LEVEL	EXPOSURE DEVELOPMENT FACTOR+	X	EXPOSURE TREND#	X	AVERAGE IPMF*	=	TRENDED $100,000 BASIC LIMIT AGGREGATE LOSS COSTS AT CURRENT LEVEL
MONOLINE	12/31/2017	$33,626,293	1.000		1.041				$35,004,971
	12/31/2018	31,758,603	0.999		1.029				32,646,923
	12/31/2019	34,315,148	1.000		1.019				34,967,136
MULTILINE	12/31/2017	$90,180,042	1.000		1.044		0.865		$81,437,989
	12/31/2018	91,981,721	0.999		1.031		0.865		81,948,648
	12/31/2019	95,099,965	1.000		1.020		0.865		83,906,699
TOTAL	12/31/2017								$116,442,960
	12/31/2018								114,595,571
	12/31/2019								118,873,835

+ THE DERIVATION OF THE EXPOSURE DEVELOPMENT FACTOR IS SHOWN IN SECTION F – CALCULATION OF
  EXPOSURE DEVELOPMENT FACTORS.

AGGREGATE LOSS COSTS AT CURRENT LEVEL HAVE BEEN TRENDED FROM AN AVERAGE DATE OF COVERAGE TO ONE YEAR BEYOND
  AN ASSUMED EFFECTIVE DATE OF 07/01/2021 BY AN EXPONENTIAL PROJECTION OF THE AVERAGE ANNUAL EXPOSURE TREND
  FACTOR. THE DERIVATION OF THIS EXPOSURE TREND FACTOR IS SHOWN IN SECTION F – AVERAGE ANNUAL EXPOSURE TRENDS.

* THE IMPLICIT PACKAGE MODIFICATION FACTORS APPLIED TO THE DATA FOR INDIVIDUAL PROGRAMS ARE SHOWN IN SECTION F –
  IMPLICIT PACKAGE MODIFICATION FACTORS.

REPORT TYPE	LOSS DESCRIPTION	ACCIDENT YEAR ENDING	$100,000 BASIC LIMIT LOSSES AND ALAE*	X	BASIC LIMIT DEVELOPMENT FACTOR	X	UNALLOCATED LOSS ADJ. FACTOR	X	SEVERITY TREND	X	FREQUENCY TREND	=	BASIC LIMIT DEVELOPED & TRENDED LOSS AND LAE
BI	B/L INDEMNITY	12/31/2017	$13,317,992		1.060		1.080		1.159		0.927		$16,380,665
		12/31/2018	10,669,526		1.424		1.080		1.126		0.941		17,386,289
		12/31/2019	6,620,070		2.022		1.080		1.093		0.956		15,105,863
BI	ALAE	12/31/2017	$18,459,984				1.080		1.159		0.927		$21,419,940
		12/31/2018	23,747,125				1.080		1.126		0.941		27,174,578
		12/31/2019	16,285,287				1.080		1.093		0.956		18,377,957
PD	B/L INDEMNITY	12/31/2017	$20,162,666		1.151		1.080		1.307		0.927		$30,367,033
		12/31/2018	16,580,016		1.248		1.080		1.239		0.941		26,054,588
		12/31/2019	16,506,584		1.475		1.080		1.174		0.956		29,512,022
PD	ALAE	12/31/2017	$27,470,488				1.080		1.307		0.927		$35,945,576
		12/31/2018	21,846,053				1.080		1.239		0.941		27,507,915
		12/31/2019	25,484,940				1.080		1.174		0.956		30,891,099
	TOTAL FULL COVERAGE	12/31/2017											$104,113,214
		12/31/2018											98,123,370
		12/31/2019											93,886,941

* Incurred indemnity losses are as reported. The ALAE have been developed, using the additive ALAE development procedure as explained in Section B.

MULTISTATE
PRODUCTS
OCCURRENCE
DED COVERAGE
CALCULATION OF INCURRED LOSSES

REPORT TYPE	LOSS DESCRIPTION	ACCIDENT YEAR ENDING	$100,000 BASIC LIMIT LOSSES AND ALAE*	X	BASIC LIMIT DEVELOPMENT FACTOR	X	UNALLOCATED LOSS ADJ. FACTOR	X	SEVERITY TREND	X	FREQUENCY TREND	=	BASIC LIMIT DEVELOPED & TRENDED LOSS AND LAE
BI	B/L INDEMNITY	12/31/2017	$2,028,526		1.232		1.080		1.159		0.927		$2,899,868
		12/31/2018	727,870		1.511		1.080		1.126		0.941		1,258,549
		12/31/2019	1,091,312		2.311		1.080		1.093		0.956		2,846,103
BI	ALAE	12/31/2017	$2,934,253				1.080		1.159		0.927		$3,404,744
		12/31/2018	1,634,129				1.080		1.126		0.941		1,869,985
		12/31/2019	2,878,267				1.080		1.093		0.956		3,248,126
PD	B/L INDEMNITY	12/31/2017	$3,569,417		1.090		1.080		1.307		0.927		$5,090,997
		12/31/2018	3,429,400		1.175		1.080		1.239		0.941		5,073,886
		12/31/2019	2,172,707		1.475		1.080		1.174		0.956		3,884,570
PD	ALAE	12/31/2017	$5,546,696				1.080		1.307		0.927		$7,257,941
		12/31/2018	4,898,283				1.080		1.239		0.941		6,167,776
		12/31/2019	4,114,570				1.080		1.174		0.956		4,987,400
	TOTAL DED COVERAGE	12/31/2017											$18,653,550
		12/31/2018											14,370,195
		12/31/2019											14,966,199
	TOTAL	12/31/2017											$122,766,765
		12/31/2018											112,493,565
		12/31/2019											108,853,141

* Incurred indemnity losses are as reported. The ALAE have been developed, using the additive ALAE development procedure as explained in Section B.

```
                              MULTISTATE
                               Products
                           Subline Code 336
                         Combined Single Limit



              Implicit Package Modification Factors (A) by Type of Policy
          Type
           of                                                      Implicit Package
         Policy (B)                Description                   Modification Factors
         ----------               -----------                    --------------------

            31              Not Applicable                               --
            32              Not Applicable                               --
            33              Not Applicable                               --
            34              Mercantile Policy                          0.847
            35              Not Applicable                               --
            36              Service Policy                             0.917
            37              Industrial/Processing Policy               0.874
            38              Not Applicable                               --
```

(A) Implicit Package Modification Factors shown above reflect the package modifications currently in the ISO manual for Products for each type of package policy. More specifically, the G.L. and Property Implicit Package Modification Factors are calculated so that they average to the current manual CPP modification factors that apply separately for 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 F - 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
12/31/2012	294,313,614	285,975,423	285,815,807	285,269,021	285,284,369	285,284,593	285,282,473	285,279,383
12/31/2013	291,676,148	294,092,380	293,024,503	292,993,448	292,997,136	292,997,660	292,991,699	
12/31/2014	300,498,902	305,693,324	305,523,656	305,500,483	305,413,400	305,407,279		
12/31/2015	301,748,313	302,072,614	301,879,697	301,787,976	301,658,526			
12/31/2016	289,649,613	289,162,594	289,281,526	289,341,443				
12/31/2017	285,437,455	286,447,433	286,303,524					
12/31/2018	283,304,260	282,999,859						
12/31/2019	282,263,230							

LINK RATIOS

Accident Year Ending	27:15	39:27	51:39	63:51	75:63	87:75	99:87
12/31/2012	0.972	0.999	0.998	1.000	1.000	1.000	1.000
12/31/2013	1.008	0.996	1.000	1.000	1.000	1.000	
12/31/2014	1.017	0.999	1.000	1.000	1.000		
12/31/2015	1.001	0.999	1.000	1.000			
12/31/2016	0.998	1.000	1.000				
12/31/2017	1.004	0.999					
12/31/2018	0.999						

Average Best 3 of 5

27:15	39:27
1.001	0.999

Accident Year Ending	Exposure Development From				
	27:15	39:27	ULT:39		Factor
12/31/2017			1.000		1.000
12/31/2018		0.999	1.000		0.999
12/31/2019	1.001	0.999	1.000		1.000

MULTISTATE PRODUCTS LOSS DEVELOPMENT DATA

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$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
12/31/2000	7,473,846	10,729,094	14,071,409	15,880,255	15,738,860	15,619,209	16,273,679	15,631,229	15,499,885	15,568,184	15,481,595
12/31/2001	8,231,274	12,317,432	15,815,794	16,446,544	16,880,080	16,859,829	17,147,792	17,491,893	17,190,820	17,047,610	17,366,738
12/31/2002	7,018,229	10,700,460	14,429,437	16,378,092	15,586,609	14,774,453	14,437,476	14,201,243	14,196,889	14,224,960	14,513,480
12/31/2003	7,228,189	11,415,443	14,236,492	15,145,727	14,541,409	13,835,085	13,543,994	14,006,523	14,349,354	14,538,465	14,508,946
12/31/2004	7,160,414	10,844,149	14,345,301	15,958,927	15,388,112	14,453,131	14,521,341	14,403,289	14,765,202	14,877,382	14,878,960
12/31/2005	8,708,761	10,356,952	13,330,018	13,239,776	13,580,297	13,460,547	13,288,409	13,515,252	13,289,672	13,289,746	13,218,023
12/31/2006	8,045,767	12,703,559	16,967,245	17,176,393	16,485,538	16,649,735	16,602,337	16,806,388	17,052,160	17,004,493	16,646,263
12/31/2007	9,362,846	14,599,354	18,038,286	19,067,915	18,940,189	19,053,290	18,473,485	18,464,313	18,246,239	18,140,537	18,268,019
12/31/2008	9,562,550	13,726,422	16,398,237	17,214,328	18,956,150	17,663,444	17,437,569	17,354,898	17,386,405	17,430,593	17,668,612
12/31/2009	10,624,064	13,519,796	16,031,003	16,312,522	16,047,241	16,139,503	15,994,242	16,076,065	16,021,333	16,285,247	16,623,697
12/31/2010	11,059,633	15,363,249	16,865,131	17,555,631	17,733,041	16,353,060	16,104,307	16,097,694	16,123,460	16,043,736	
12/31/2011	8,606,729	11,816,428	15,071,652	15,377,311	14,802,603	14,589,272	14,464,946	14,607,628	15,105,039		
12/31/2012	8,718,522	13,002,276	16,774,601	17,038,494	17,187,074	16,723,272	16,537,263	17,278,071			
12/31/2013	6,458,241	9,678,518	13,306,421	14,310,180	14,660,496	14,449,961	14,829,020				
12/31/2014	6,960,086	9,615,799	13,108,027	14,875,442	14,301,209	14,931,625					
12/31/2015	6,730,026	9,166,802	12,114,663	13,292,827	12,927,122						
12/31/2016	5,803,315	8,328,535	10,965,818	11,739,182							
12/31/2017	6,284,651	9,692,884	13,016,047								
12/31/2018	6,850,985	9,890,542									
12/31/2019	6,006,708										

A.Y.E.	147 Months	159 Months	171 Months	183 Months	195 Months	207 Months	219 Months	231 Months	243 Months
12/31/2000	15,492,521	15,643,104	15,688,291	15,885,794	16,133,926	16,183,909	16,634,355	16,671,334	16,703,288
12/31/2001	17,686,735	17,777,360	18,020,372	18,347,826	18,286,849	18,524,098	18,537,050	18,535,156	
12/31/2002	14,980,141	14,663,578	14,778,353	14,455,025	14,707,101	14,689,978	14,689,061		
12/31/2003	14,525,784	14,700,165	14,620,721	14,688,312	14,854,506	14,822,691			
12/31/2004	14,747,055	14,637,046	14,814,206	14,861,187	14,836,753				
12/31/2005	13,110,116	13,128,277	13,125,318	13,067,484					
12/31/2006	16,939,294	17,142,863	17,040,085						
12/31/2007	18,245,617	18,712,106							
12/31/2008	17,733,383								

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
12/31/2000	1.436	1.312	1.129	0.991	0.992	1.042	0.961	0.992	1.004	0.994	1.001
12/31/2001	1.496	1.284	1.040	1.026	0.999	1.017	1.020	0.983	0.992	1.019	1.018
12/31/2002	1.525	1.348	1.135	0.952	0.948	0.977	0.984	1.000	1.002	1.020	1.032
12/31/2003	1.579	1.247	1.064	0.960	0.951	0.979	1.034	1.024	1.013	0.998	1.001
12/31/2004	1.514	1.323	1.112	0.964	0.939	1.005	0.992	1.025	1.008	1.000	0.991
12/31/2005	1.189	1.287	0.993	1.026	0.991	0.987	1.017	0.983	1.000	0.995	0.992
12/31/2006	1.579	1.336	1.012	0.960	1.010	0.997	1.012	1.015	0.997	0.979	1.018
12/31/2007	1.559	1.236	1.057	0.993	1.006	0.970	1.000	0.988	0.994	1.007	0.999
12/31/2008	1.435	1.195	1.050	1.101	0.932	0.987	0.995	1.002	1.003	1.014	1.004
12/31/2009	1.273	1.186	1.018	0.984	1.006	0.991	1.005	0.997	1.016	1.021	
12/31/2010	1.389	1.098	1.041	1.010	0.922	0.985	1.000	1.002	0.995		
12/31/2011	1.373	1.275	1.020	0.963	0.986	0.991	1.010	1.034			
12/31/2012	1.491	1.290	1.016	1.009	0.973	0.989	1.045				
12/31/2013	1.499	1.375	1.075	1.024	0.986	1.026					
12/31/2014	1.382	1.363	1.135	0.961	1.044						
12/31/2015	1.362	1.322	1.097	0.972							
12/31/2016	1.435	1.317	1.071								
12/31/2017	1.542	1.343									
12/31/2018	1.444										
3 Yr Mean	1.474	1.327	1.101	0.986	1.001	1.002	1.018	1.011	1.005	1.014	1.007
Best 3/5	1.420	1.343	1.081	0.981	0.982	0.990	1.005	1.000	0.998	1.005	0.998

A.Y.E.	159:147	171:159	183:171	195:183	207:195	219:207	231:219	243:231
12/31/2000	1.010	1.003	1.013	1.016	1.003	1.028	1.002	1.002
12/31/2001	1.005	1.014	1.018	0.997	1.013	1.001	1.000	1.000 *
12/31/2002	0.979	1.008	0.978	1.017	0.999	1.000	1.000 *	1.000 *
12/31/2003	1.012	0.995	1.005	1.011	0.998	1.001 *	1.000 *	1.000 *
12/31/2004	0.993	1.012	1.003	0.998	1.008 *	1.001 *	1.000 *	1.000 *
12/31/2005	1.001	1.000	0.996					
12/31/2006	1.012	0.994						
12/31/2007	1.026							
3 Yr Mean	1.013	1.002	1.001	1.009	1.003 @	1.010 @	1.001 @	1.002 @
Best 3/5	1.008	1.001	1.001	1.008	1.003 *	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
12/31/2015					0.982	0.990	1.005	1.000	0.998	1.005	0.998
12/31/2016				0.981	0.982	0.990	1.005	1.000	0.998	1.005	0.998
12/31/2017			1.081	0.981	0.982	0.990	1.005	1.000	0.998	1.005	0.998
12/31/2018		1.343	1.081	0.981	0.982	0.990	1.005	1.000	0.998	1.005	0.998
12/31/2019	1.420	1.343	1.081	0.981	0.982	0.990	1.005	1.000	0.998	1.005	0.998

A.Y.E.	147/159	159/171	171/183	183/195	195/207	207/219	219/231	231/243	243/Ult	FACTORS
12/31/2015	1.008	1.001	1.001	1.008	1.003	1.001	1.000	1.000	1.000*	1.000
12/31/2016	1.008	1.001	1.001	1.008	1.003	1.001	1.000	1.000	1.000*	0.981
12/31/2017	1.008	1.001	1.001	1.008	1.003	1.001	1.000	1.000	1.000*	1.060
12/31/2018	1.008	1.001	1.001	1.008	1.003	1.001	1.000	1.000	1.000*	1.424
12/31/2019	1.008	1.001	1.001	1.008	1.003	1.001	1.000	1.000	1.000*	2.022

* Calculated Using Modified Bondy Method
@ Three year mean Excludes Modified Bondy ratios

$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
12/31/2000	873,634	1,075,574	1,264,786	1,553,268	1,443,449	1,419,159	1,419,163	1,539,750	1,631,917	1,528,279	1,657,475
12/31/2001	498,854	1,028,391	1,407,213	1,805,523	1,580,359	1,465,659	1,664,728	1,634,588	1,672,959	1,590,024	1,611,023
12/31/2002	544,701	1,105,166	1,578,740	1,506,828	1,743,546	1,739,779	1,813,428	1,637,505	1,610,578	1,612,973	1,610,628
12/31/2003	638,664	916,783	958,041	1,459,977	1,199,336	1,180,799	1,300,405	1,291,916	1,294,391	1,300,140	1,302,251
12/31/2004	1,259,180	1,530,336	1,941,957	2,221,735	2,165,491	2,131,175	2,095,646	2,166,085	2,164,890	2,166,354	2,166,558
12/31/2005	888,062	1,168,184	1,878,322	1,885,652	1,305,631	1,305,665	1,345,415	1,276,574	1,175,438	1,171,672	1,176,172
12/31/2006	1,340,484	1,854,486	2,200,712	1,941,673	1,681,231	1,612,987	1,547,736	1,595,185	1,495,268	1,499,768	1,527,326
12/31/2007	1,689,707	2,256,956	2,097,368	2,261,583	2,326,803	1,957,256	1,964,355	2,074,732	2,079,132	2,104,132	2,114,407
12/31/2008	1,138,042	1,538,456	1,941,961	1,984,373	2,050,592	2,101,219	2,216,733	2,189,203	2,114,204	2,101,854	2,199,628
12/31/2009	912,994	1,171,556	1,367,870	1,431,676	1,666,190	1,812,731	1,757,492	1,752,493	1,844,719	1,942,492	1,942,892
12/31/2010	1,027,500	1,740,936	1,637,725	1,765,625	1,849,562	1,947,469	1,900,800	1,803,024	2,391,943	2,037,891	
12/31/2011	1,218,383	1,754,275	2,018,417	1,730,949	1,708,771	1,713,520	1,811,521	1,818,619	1,788,519		
12/31/2012	959,829	1,256,122	1,670,834	1,495,076	1,369,224	1,591,159	1,694,233	1,630,938			
12/31/2013	743,389	1,164,532	1,333,962	1,554,424	1,636,437	1,696,686	1,738,135				
12/31/2014	592,767	1,205,729	1,509,544	1,687,940	1,752,715	1,675,637					
12/31/2015	866,797	1,281,265	1,275,846	1,587,857	1,833,976						
12/31/2016	862,318	928,240	1,278,113	1,393,807							
12/31/2017	418,811	1,320,819	1,696,420								
12/31/2018	841,713	793,494									
12/31/2019	1,077,916										

A.Y.E.	147 Months	159 Months	171 Months	183 Months	195 Months	207 Months	219 Months	231 Months	243 Months
12/31/2000	1,709,598	1,689,827	1,806,358	1,842,117	1,832,665	1,921,046	1,924,045	1,924,920	1,926,320
12/31/2001	1,633,398	1,595,148	1,605,002	1,602,240	1,598,241	1,604,840	1,598,240	1,601,540	
12/31/2002	1,610,628	1,611,258	1,635,357	1,638,058	1,638,057	1,663,057	1,643,227		
12/31/2003	1,302,267	1,302,366	1,305,067	1,305,066	1,305,066	1,305,111			
12/31/2004	2,165,661	2,168,362	2,168,361	2,168,361	2,169,306				
12/31/2005	1,178,881	1,178,973	1,178,872	1,178,917					
12/31/2006	1,502,125	1,502,125	1,502,170						
12/31/2007	2,131,632	2,141,677							
12/31/2008	2,199,928								

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
12/31/2000	1.231	1.176	1.228	0.929	0.983	1.000	1.085	1.060	0.936	1.085	1.031
12/31/2001	2.062	1.368	1.283	0.875	0.927	1.136	0.982	1.023	0.950	1.013	1.014
12/31/2002	2.029	1.429	0.954	1.157	0.998	1.042	0.903	0.984	1.001	0.999	1.000
12/31/2003	1.435	1.045	1.524	0.821	0.985	1.101	0.993	1.002	1.004	1.002	1.000
12/31/2004	1.215	1.269	1.144	0.975	0.984	0.983	1.034	0.999	1.001	1.000	1.000
12/31/2005	1.315	1.608	1.004	0.692	1.000	1.030	0.949	0.921	0.997	1.004	1.002
12/31/2006	1.383	1.187	0.882	0.866	0.959	0.960	1.031	0.937	1.003	1.018	0.983
12/31/2007	1.336	0.929	1.078	1.029	0.841	1.004	1.056	1.002	1.012	1.005	1.008
12/31/2008	1.352	1.262	1.022	1.033	1.025	1.055	0.988	0.966	0.994	1.047	1.000
12/31/2009	1.283	1.168	1.047	1.164	1.088	0.970	0.997	1.053	1.053	1.000	
12/31/2010	1.694	0.941	1.078	1.048	1.053	0.976	0.949	1.327	0.852		
12/31/2011	1.440	1.151	0.858	0.987	1.003	1.057	1.004	0.983			
12/31/2012	1.309	1.330	0.895	0.916	1.162	1.065	0.963				
12/31/2013	1.567	1.145	1.165	1.053	1.037	1.024					
12/31/2014	2.034	1.252	1.118	1.038	0.956						
12/31/2015	1.478	0.996	1.245	1.155							
12/31/2016	1.076	1.377	1.091								
12/31/2017	3.154	1.284									
12/31/2018	0.943										
3 Yr Mean	1.724	1.219	1.151	1.082	1.052	1.049	0.972	1.121	0.966	1.017	0.997
Best 3/5	1.529	1.227	1.125	1.026	1.031	1.019	0.983	1.013	1.003	1.009	1.001

A.Y.E.	159:147	171:159	183:171	195:183	207:195	219:207	231:219	243:231
12/31/2000	0.988	1.069	1.020	0.995	1.048	1.002	1.000	1.001
12/31/2001	0.977	1.006	0.998	0.998	1.004	0.996	1.002	1.000 *
12/31/2002	1.000	1.015	1.002	1.000	1.015	0.988	1.000 *	1.000 *
12/31/2003	1.000	1.002	1.000	1.000	1.000	1.006 *	1.000 *	1.000 *
12/31/2004	1.001	1.000	1.000	1.000	0.999 *	1.006 *	1.000 *	1.000 *
12/31/2005	1.000	1.000	1.000					
12/31/2006	1.000	1.000						
12/31/2007	1.005							
3 Yr Mean	1.002	1.000	1.000	1.000	1.006 @	0.995 @	1.001 @	1.001 @
Best 3/5	1.000	1.001	1.000	0.999	1.006 *	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
12/31/2015					1.031	1.019	0.983	1.013	1.003	1.009	1.001
12/31/2016				1.026	1.031	1.019	0.983	1.013	1.003	1.009	1.001
12/31/2017			1.125	1.026	1.031	1.019	0.983	1.013	1.003	1.009	1.001
12/31/2018		1.227	1.125	1.026	1.031	1.019	0.983	1.013	1.003	1.009	1.001
12/31/2019	1.529	1.227	1.125	1.026	1.031	1.019	0.983	1.013	1.003	1.009	1.001

A.Y.E.	147/159	159/171	171/183	183/195	195/207	207/219	219/231	231/243	243/Ult	FACTORS
12/31/2015	1.000	1.001	1.000	0.999	1.006	1.001	1.000	1.000	1.000*	1.067
12/31/2016	1.000	1.001	1.000	0.999	1.006	1.001	1.000	1.000	1.000*	1.095
12/31/2017	1.000	1.001	1.000	0.999	1.006	1.001	1.000	1.000	1.000*	1.232
12/31/2018	1.000	1.001	1.000	0.999	1.006	1.001	1.000	1.000	1.000*	1.511
12/31/2019	1.000	1.001	1.000	0.999	1.006	1.001	1.000	1.000	1.000*	2.311

* Calculated Using Modified Bondy Method
@ 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
12/31/2000	1,141,242	4,131,110	7,821,507	11,414,210	12,889,203	14,098,635	16,548,165	17,260,558	18,394,302	19,137,441	19,321,547
12/31/2001	1,879,499	5,333,140	8,433,876	10,458,465	13,585,015	15,229,421	16,998,573	18,653,799	19,028,381	19,000,307	19,337,132
12/31/2002	1,573,982	3,776,374	8,102,830	12,481,658	15,611,075	18,623,205	18,850,667	19,603,597	20,116,966	20,572,941	20,847,250
12/31/2003	1,493,285	4,235,351	8,798,724	14,403,987	18,413,145	20,076,406	20,526,072	21,482,732	21,190,440	22,143,797	23,296,658
12/31/2004	1,153,172	2,932,383	6,393,270	10,669,644	13,402,340	13,197,829	14,504,758	15,330,291	16,219,286	17,412,926	17,560,643
12/31/2005	1,494,440	3,370,465	5,962,291	8,512,450	10,792,471	12,837,220	12,881,117	13,207,743	13,421,356	13,851,883	13,821,305
12/31/2006	1,911,372	6,481,668	8,767,721	11,755,653	13,715,292	15,442,151	18,077,585	19,388,546	18,404,501	18,485,994	18,502,903
12/31/2007	2,355,547	6,929,749	10,794,355	14,608,189	17,873,357	19,625,501	20,789,339	21,016,728	21,244,052	25,571,110	25,578,335
12/31/2008	1,709,261	4,115,443	7,972,706	13,997,587	18,189,562	20,366,787	20,255,891	20,674,820	21,021,232	21,192,066	21,342,527
12/31/2009	3,184,902	5,540,342	9,963,842	12,794,101	15,201,539	16,266,092	16,309,614	16,598,695	16,600,429	16,718,787	16,899,605
12/31/2010	2,080,715	5,684,255	9,737,774	15,136,556	17,196,648	17,991,424	18,169,354	18,343,829	18,466,154	18,744,804	
12/31/2011	2,412,515	5,417,781	9,895,014	13,375,646	15,454,013	16,801,269	17,879,056	17,715,625	18,241,154		
12/31/2012	2,667,191	7,809,205	15,917,305	20,900,892	24,459,912	27,366,857	27,822,853	28,765,028			
12/31/2013	1,535,398	4,947,700	8,792,939	11,728,594	13,973,746	14,936,905	15,718,114				
12/31/2014	1,435,887	3,996,515	8,016,565	12,037,336	14,744,477	16,058,071					
12/31/2015	2,083,391	4,293,340	7,357,259	11,480,722	14,434,164						
12/31/2016	1,428,474	3,352,951	7,750,502	11,235,695							
12/31/2017	1,232,704	3,496,896	8,085,121								
12/31/2018	2,077,961	5,279,581									
12/31/2019	1,052,466										

A.Y.E	147 Months	159 Months	171 Months	183 Months	195 Months	207 Months	219 Months	231 Months	243 Months
12/31/2000	19,651,097	20,000,138	20,384,277	20,515,147	20,729,112	20,907,102	21,047,898	21,345,551	21,488,527
12/31/2001	19,634,940	19,975,972	20,255,233	20,558,003	20,768,260	21,078,002	21,249,753	21,419,947	
12/31/2002	23,301,134	23,220,819	23,194,480	22,447,993	22,575,619	23,093,116	23,408,882		
12/31/2003	23,232,766	23,494,353	22,826,602	22,921,993	22,963,875	23,042,396			
12/31/2004	17,716,708	17,840,248	17,969,763	18,223,687	18,135,708				
12/31/2005	13,950,327	14,042,319	14,093,949	14,150,600					
12/31/2006	18,516,103	18,690,217	18,771,734						
12/31/2007	25,681,102	26,100,334							
12/31/2008	21,617,229								

PRODUCTS (Subline Code 336)
FULL COVERAGE
MULTISTATE
BODILY INJURY - OCCURRENCE
INCURRED ACCIDENT YEAR 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
12/31/2000	2,989,868	3,690,397	3,592,703	1,474,993	1,209,432	2,449,530	712,393	1,133,744	743,139	184,106	329,550	349,041	384,139
12/31/2001	3,453,641	3,100,736	2,024,589	3,126,550	1,644,406	1,769,152	1,655,226	374,582	-28,074	336,825	297,808	341,032	279,261
12/31/2002	2,202,392	4,326,456	4,378,828	3,129,417	3,012,130	227,462	752,930	513,369	455,975	274,309	2,453,884	-80,315	-26,339
12/31/2003	2,742,066	4,563,373	5,605,263	4,009,158	1,663,261	449,666	956,660	-292,292	953,357	1,152,861	-63,892	261,587	-667,751
12/31/2004	1,779,211	3,460,887	4,276,374	2,732,696	-204,511	1,306,929	825,533	888,995	1,193,640	147,717	156,065	123,540	129,515
12/31/2005	1,876,025	2,591,826	2,550,159	2,280,021	2,044,749	43,897	326,626	213,613	430,527	-30,578	129,022	91,992	51,630
12/31/2006	4,570,296	2,286,053	2,987,932	1,959,639	1,726,859	2,635,434	1,310,961	-984,045	81,493	16,909	13,200	174,114	81,517
12/31/2007	4,574,202	3,864,606	3,813,834	3,265,168	1,752,144	1,163,838	227,389	227,324	4,327,058	7,225	102,767	419,232	
12/31/2008	2,406,182	3,857,263	6,024,881	4,191,975	2,177,225	-110,896	418,929	346,412	170,834	150,461	274,702		
12/31/2009	2,355,440	4,423,500	2,830,259	2,407,438	1,064,553	43,522	289,081	1,734	118,358	180,818			
12/31/2010	3,603,540	4,053,519	5,398,782	2,060,092	794,776	177,930	174,475	122,325	278,650				
12/31/2011	3,005,266	4,477,233	3,480,632	2,078,367	1,347,256	1,077,787	-163,431	525,529					
12/31/2012	5,142,014	8,108,100	4,983,587	3,559,020	2,906,945	455,996	942,175						
12/31/2013	3,412,302	3,845,239	2,935,655	2,245,152	963,159	781,209							
12/31/2014	2,560,628	4,020,050	4,020,771	2,707,141	1,313,594								
12/31/2015	2,209,949	3,063,919	4,123,463	2,953,442									
12/31/2016	1,924,477	4,397,551	3,485,193										
12/31/2017	2,264,192	4,588,225											
12/31/2018	3,201,620												

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
12/31/2000	0.0969	0.1196	0.1165	0.0478	0.0392	0.0794	0.0231	0.0368	0.0241	0.0060	0.0107	0.0113	0.0125
12/31/2001	0.1039	0.0933	0.0609	0.0940	0.0495	0.0532	0.0498	0.0113	-0.0008	0.0101	0.0090	0.0103	0.0084
12/31/2002	0.0795	0.1562	0.1581	0.1130	0.1087	0.0082	0.0272	0.0185	0.0165	0.0099	0.0886	-0.0029	-0.0010
12/31/2003	0.0904	0.1504	0.1847	0.1321	0.0548	0.0148	0.0315	-0.0096	0.0314	0.0380	-0.0021	0.0086	-0.0220
12/31/2004	0.0675	0.1313	0.1623	0.1037	-0.0078	0.0496	0.0313	0.0337	0.0453	0.0056	0.0059	0.0047	0.0049
12/31/2005	0.0642	0.0886	0.0872	0.0780	0.0699	0.0015	0.0112	0.0073	0.0147	-0.0010	0.0044	0.0031	0.0018
12/31/2006	0.1335	0.0668	0.0873	0.0573	0.0505	0.0770	0.0383	-0.0288	0.0024	0.0005	0.0004	0.0051	0.0024
12/31/2007	0.1206	0.1019	0.1005	0.0861	0.0462	0.0307	0.0060	0.0060	0.1141	0.0002	0.0027	0.0111	
12/31/2008	0.0708	0.1135	0.1772	0.1233	0.0641	-0.0033	0.0123	0.0102	0.0050	0.0044	0.0081		
12/31/2009	0.0670	0.1259	0.0805	0.0685	0.0303	0.0012	0.0082	0.0000	0.0034	0.0051			
12/31/2010	0.1065	0.1198	0.1595	0.0609	0.0235	0.0053	0.0052	0.0036	0.0082				
12/31/2011	0.1040	0.1550	0.1205	0.0719	0.0466	0.0373	-0.0057	0.0182					
12/31/2012	0.1477	0.2329	0.1432	0.1022	0.0835	0.0131	0.0271						
12/31/2013	0.1158	0.1305	0.0996	0.0762	0.0327	0.0265							
12/31/2014	0.0770	0.1209	0.1210	0.0814	0.0395								
12/31/2015	0.0932	0.1291	0.1738	0.1245									
12/31/2016	0.0828	0.1891	0.1499										
12/31/2017	0.0805	0.1632											
12/31/2018	0.0931												
Best 3/5	0.0855	0.1409	0.1380	0.0866	0.0396	0.0150	0.0086	0.0066	0.0055	0.0017	0.0043	0.0061	0.0011

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                    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
 12/31/2000     1.006     1.010     1.009      1.007      1.014      1.007      1.033 *
 12/31/2001     1.015     1.010     1.015      1.008      1.008      1.008 *    1.033 *
 12/31/2002     0.968     1.006     1.023      1.014      1.009 *    1.008 *    1.033 *
 12/31/2003     1.004     1.002     1.003      1.009 *    1.009 *    1.008 *    1.033 *
 12/31/2004     1.014     0.995     1.005 *    1.009 *    1.009 *    1.008 *    1.033 *
 12/31/2005     1.004


   Best 3/5     1.007     1.006     1.009 *    1.009 *    1.009 *    1.008 *    1.033 *


 171 to Ultimate Factor:  1.084




                  Cumulative Incremental Factors
 Months-to-Ultimate        15        27        39        51        63        75        87
                         0.540     0.454     0.313     0.175     0.089     0.049     0.034

 Months-to-Ultimate        99       111       123       135       147       159       171
                         0.025     0.019     0.013     0.012     0.007     0.001     0.000




               Reported ALAE       $500,000        ALAE      Additional     ALAE at    171-Ultimate    Ultimate
   A.Y.E       as of 3/31/20   Ultimate Indemnity  Factor       ALAE       171 Months    Factor          ALAE
 12/31/2017      8,108,570        28,502,182       0.313     8,921,186    17,029,756     1.084        18,459,984
 12/31/2018      5,407,503        36,342,882       0.454    16,499,669    21,907,172     1.084        23,747,125
 12/31/2019      1,044,122        25,887,798       0.540    13,979,404    15,023,526     1.084        16,285,287


 *  Calculated Using Modified Bondy Method
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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
12/31/2000	9,442,453	12,595,997	14,511,970	15,343,878	16,676,192	17,703,603	18,552,945	19,303,760	19,549,456	19,875,358	19,888,742
12/31/2001	11,352,927	14,665,038	18,711,896	19,696,500	19,611,935	20,309,474	21,442,362	21,341,015	21,845,669	22,043,334	22,328,133
12/31/2002	9,140,824	14,207,988	17,186,817	16,683,379	16,557,917	17,662,370	17,931,886	18,086,542	18,329,249	18,592,359	19,095,692
12/31/2003	10,897,192	12,589,552	14,878,060	16,148,413	17,510,366	18,785,505	19,117,935	19,730,659	20,298,476	20,586,735	20,682,183
12/31/2004	10,021,997	12,167,902	13,583,994	13,950,681	15,326,855	15,316,667	15,660,603	16,042,499	16,191,023	16,583,240	16,740,575
12/31/2005	11,527,978	13,714,275	13,727,131	14,394,665	14,762,252	15,242,516	15,208,555	16,231,598	16,299,313	16,940,340	17,252,157
12/31/2006	12,722,815	14,463,715	15,677,271	15,956,752	17,020,413	17,450,985	18,183,484	20,046,811	20,648,948	20,475,092	20,590,175
12/31/2007	17,124,759	19,503,428	20,500,343	20,625,847	21,786,418	22,593,375	23,929,136	24,613,440	24,910,504	25,665,904	26,242,419
12/31/2008	16,582,353	19,627,203	21,194,465	22,239,627	23,203,853	24,352,152	25,053,533	25,570,499	26,129,971	26,603,865	26,782,852
12/31/2009	18,862,503	21,787,343	23,590,782	23,596,808	23,808,579	24,526,676	24,191,140	24,840,688	25,193,460	25,077,777	25,371,362
12/31/2010	18,169,384	20,850,476	22,144,693	22,618,382	22,649,384	23,330,665	23,373,353	23,751,251	24,103,830	24,276,952	
12/31/2011	14,767,208	16,412,327	17,237,787	18,607,499	18,973,542	19,480,766	20,045,028	20,605,631	20,664,707		
12/31/2012	15,310,538	16,578,296	18,263,545	20,451,249	20,897,694	21,240,826	21,567,032	21,735,928			
12/31/2013	13,813,933	16,461,182	17,918,370	18,180,611	18,941,231	19,377,705	19,666,778				
12/31/2014	13,289,016	15,586,803	17,017,645	17,133,679	17,421,951	17,444,627					
12/31/2015	14,091,105	15,062,232	15,589,195	16,225,755	17,677,801						
12/31/2016	13,950,535	16,856,463	18,452,036	18,937,789							
12/31/2017	13,580,524	17,066,171	18,296,115								
12/31/2018	12,825,670	14,924,657									
12/31/2019	15,061,958										

A.Y.E.	147 Months	159 Months	171 Months	183 Months	195 Months	207 Months	219 Months	231 Months	243 Months
12/31/2000	19,658,847	19,804,510	19,653,391	19,639,748	19,641,139	19,639,767	19,641,968	19,631,468	19,631,468
12/31/2001	22,350,671	22,110,186	21,963,916	22,013,589	21,966,440	21,973,267	21,962,467	21,862,465	
12/31/2002	19,207,079	19,292,462	19,330,684	19,431,364	19,431,070	19,362,558	19,259,058		
12/31/2003	21,167,516	20,967,264	20,927,351	20,957,593	20,940,356	20,979,031			
12/31/2004	16,949,494	16,886,578	17,046,720	16,798,398	16,692,432				
12/31/2005	17,116,162	17,027,682	17,254,927	17,203,957					
12/31/2006	20,413,758	20,738,236	20,749,176						
12/31/2007	26,379,519	26,390,557							
12/31/2008	26,845,848								

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
12/31/2000	1.334	1.152	1.057	1.087	1.062	1.048	1.040	1.013	1.017	1.001	0.988
12/31/2001	1.292	1.276	1.053	0.996	1.036	1.056	0.995	1.024	1.009	1.013	1.001
12/31/2002	1.554	1.210	0.971	0.992	1.067	1.015	1.009	1.013	1.014	1.027	1.006
12/31/2003	1.155	1.182	1.085	1.084	1.073	1.018	1.032	1.029	1.014	1.005	1.023
12/31/2004	1.214	1.116	1.027	1.099	0.999	1.022	1.024	1.009	1.024	1.009	1.012
12/31/2005	1.190	1.001	1.049	1.026	1.033	0.998	1.067	1.004	1.039	1.018	0.992
12/31/2006	1.137	1.084	1.018	1.067	1.025	1.042	1.102	1.030	0.992	1.006	0.991
12/31/2007	1.139	1.051	1.006	1.056	1.037	1.059	1.029	1.012	1.030	1.022	1.005
12/31/2008	1.184	1.080	1.049	1.043	1.049	1.029	1.021	1.022	1.018	1.007	1.002
12/31/2009	1.155	1.083	1.000	1.009	1.030	0.986	1.027	1.014	0.995	1.012	
12/31/2010	1.148	1.062	1.021	1.001	1.030	1.002	1.016	1.015	1.007		
12/31/2011	1.111	1.050	1.079	1.020	1.027	1.029	1.028	1.003			
12/31/2012	1.083	1.102	1.120	1.022	1.016	1.015	1.008				
12/31/2013	1.192	1.089	1.015	1.042	1.023	1.015					
12/31/2014	1.173	1.092	1.007	1.017	1.001						
12/31/2015	1.069	1.035	1.041	1.089							
12/31/2016	1.208	1.095	1.026								
12/31/2017	1.257	1.072									
12/31/2018	1.164										
3 Yr Mean	1.210	1.067	1.025	1.049	1.013	1.020	1.017	1.011	1.007	1.014	0.999
Best 3/5	1.182	1.084	1.027	1.028	1.022	1.011	1.021	1.014	1.007	1.012	1.000

A.Y.E.	159:147	171:159	183:171	195:183	207:195	219:207	231:219	243:231
12/31/2000	1.007	0.992	0.999	1.000	1.000	1.000	0.999	1.000
12/31/2001	0.989	0.993	1.002	0.998	1.000	1.000	0.995	1.000 *
12/31/2002	1.004	1.002	1.005	1.000	0.996	0.995	1.000 *	1.000 *
12/31/2003	0.991	0.998	1.001	0.999	1.002	1.000 *	1.000 *	1.000 *
12/31/2004	0.996	1.009	0.985	0.994	0.999 *	1.000 *	1.000 *	1.000 *
12/31/2005	0.995	1.013	0.997					
12/31/2006	1.016	1.001						
12/31/2007	1.000							
3 Yr Mean	1.004	1.008	0.994	0.998	0.999 @	0.998 @	0.997 @	1.000 @
Best 3/5	0.997	1.004	1.000	0.999	1.000 *	1.000 *	1.000 *	1.000 *

Development From

A.Y.E.	15/ 27	27/ 39	39/ 51	51/ 63	63/ 75	75/ 87	87/ 99	99/111	111/123	123/135	135/147
12/31/2015					1.022	1.011	1.021	1.014	1.007	1.012	1.000
12/31/2016				1.028	1.022	1.011	1.021	1.014	1.007	1.012	1.000
12/31/2017			1.027	1.028	1.022	1.011	1.021	1.014	1.007	1.012	1.000
12/31/2018		1.084	1.027	1.028	1.022	1.011	1.021	1.014	1.007	1.012	1.000
12/31/2019	1.182	1.084	1.027	1.028	1.022	1.011	1.021	1.014	1.007	1.012	1.000

A.Y.E.	147/159	159/171	171/183	183/195	195/207	207/219	219/231	231/243	243/Ult	FACTORS
12/31/2015	0.997	1.004	1.000	0.999	1.000	1.000	1.000	1.000	1.000*	1.090
12/31/2016	0.997	1.004	1.000	0.999	1.000	1.000	1.000	1.000	1.000*	1.121
12/31/2017	0.997	1.004	1.000	0.999	1.000	1.000	1.000	1.000	1.000*	1.151
12/31/2018	0.997	1.004	1.000	0.999	1.000	1.000	1.000	1.000	1.000*	1.248
12/31/2019	0.997	1.004	1.000	0.999	1.000	1.000	1.000	1.000	1.000*	1.475

* Calculated Using Modified Bondy Method
@ Three year mean Excludes Modified Bondy ratios

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                              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:
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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
12/31/2000	881,981	1,403,398	1,852,970	1,697,543	1,785,874	1,955,489	2,343,312	2,529,715	2,673,661	2,888,667	2,958,533
12/31/2001	1,655,036	1,846,021	2,447,574	2,733,510	2,661,869	2,972,417	3,420,201	3,992,819	4,235,048	4,353,126	4,501,760
12/31/2002	792,779	1,413,278	1,684,193	2,099,656	2,690,430	2,814,672	2,966,986	3,081,315	3,682,598	3,669,629	3,668,830
12/31/2003	1,084,908	1,076,791	1,011,567	1,154,325	1,208,991	1,352,096	1,708,264	1,723,839	1,748,735	1,891,159	2,146,041
12/31/2004	698,423	1,285,503	1,590,908	1,341,501	1,211,530	1,263,277	1,250,828	1,220,525	1,323,174	1,420,512	1,420,706
12/31/2005	1,676,537	2,785,909	2,745,447	3,135,472	3,014,131	2,884,907	3,239,455	3,252,628	3,344,161	3,265,944	3,217,114
12/31/2006	2,709,173	3,828,126	4,450,110	4,142,996	4,085,655	4,220,634	4,658,488	4,730,271	4,856,970	4,985,919	5,020,003
12/31/2007	3,147,987	2,934,228	2,794,920	2,895,503	3,112,600	3,148,951	3,143,182	3,394,358	3,510,333	3,526,243	3,646,779
12/31/2008	2,296,149	2,532,105	3,008,852	3,125,863	2,919,539	2,977,845	3,144,737	3,232,876	3,243,072	3,163,285	3,270,284
12/31/2009	3,451,977	3,425,352	2,994,398	3,053,973	3,222,320	3,442,737	3,351,690	3,477,798	3,516,547	3,704,094	3,758,463
12/31/2010	1,964,884	2,830,798	3,057,448	2,849,819	2,837,586	2,948,116	2,975,358	2,895,560	2,945,573	3,180,473	
12/31/2011	3,184,589	3,208,492	3,039,215	3,044,912	3,222,783	3,135,788	3,099,706	3,099,229	3,104,205		
12/31/2012	2,644,430	2,762,516	2,902,587	2,810,472	2,922,504	2,700,270	2,713,625	2,747,281			
12/31/2013	3,491,847	3,527,426	3,640,383	3,595,202	3,547,940	3,622,641	3,584,464				
12/31/2014	2,971,920	3,952,572	4,092,912	4,219,687	4,255,953	4,259,286					
12/31/2015	2,289,847	2,368,540	2,762,369	2,902,685	3,017,091						
12/31/2016	2,185,048	2,514,756	2,265,683	2,420,753							
12/31/2017	1,861,919	2,388,729	2,887,762								
12/31/2018	2,278,343	3,221,640									
12/31/2019	2,099,509										

A.Y.E.	147 Months	159 Months	171 Months	183 Months	195 Months	207 Months	219 Months	231 Months	243 Months
12/31/2000	2,871,789	2,821,996	2,829,669	2,827,533	2,822,212	2,822,212	2,887,141	2,887,140	2,887,140
12/31/2001	4,344,086	4,302,255	4,252,584	4,233,255	4,160,727	4,165,730	4,158,726	4,058,726	
12/31/2002	3,414,029	3,363,807	3,312,706	3,302,706	3,305,040	3,303,204	3,103,104		
12/31/2003	2,213,739	2,242,476	2,184,929	2,183,053	2,181,551	2,181,551			
12/31/2004	1,390,904	1,442,905	1,437,904	1,437,804	1,445,804				
12/31/2005	3,232,614	3,265,478	3,324,946	3,285,946					
12/31/2006	5,034,718	5,017,315	4,909,931						
12/31/2007	3,525,740	3,501,019							
12/31/2008	3,236,184								

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
12/31/2000	1.591	1.320	0.916	1.052	1.095	1.198	1.080	1.057	1.080	1.024	0.971
12/31/2001	1.115	1.326	1.117	0.974	1.117	1.151	1.167	1.061	1.028	1.034	0.965
12/31/2002	1.783	1.192	1.247	1.281	1.046	1.054	1.039	1.195	0.996	1.000	0.931
12/31/2003	0.993	0.939	1.141	1.047	1.118	1.263	1.009	1.014	1.081	1.135	1.032
12/31/2004	1.841	1.238	0.843	0.903	1.043	0.990	0.976	1.084	1.074	1.000	0.979
12/31/2005	1.662	0.985	1.142	0.961	0.957	1.123	1.004	1.028	0.977	0.985	1.005
12/31/2006	1.413	1.162	0.931	0.986	1.033	1.104	1.015	1.027	1.027	1.007	1.003
12/31/2007	0.932	0.953	1.036	1.075	1.012	0.998	1.080	1.034	1.005	1.034	0.967
12/31/2008	1.103	1.188	1.039	0.934	1.020	1.056	1.028	1.003	0.975	1.034	0.990
12/31/2009	0.992	0.874	1.020	1.055	1.068	0.974	1.038	1.011	1.053	1.015	
12/31/2010	1.441	1.080	0.932	0.996	1.039	1.009	0.973	1.017	1.080		
12/31/2011	1.008	0.947	1.002	1.058	0.973	0.988	1.000	1.002			
12/31/2012	1.045	1.051	0.968	1.040	0.924	1.005	1.012				
12/31/2013	1.010	1.032	0.988	0.987	1.021	0.989					
12/31/2014	1.330	1.036	1.031	1.009	1.001						
12/31/2015	1.034	1.166	1.051	1.039							
12/31/2016	1.151	0.901	1.068								
12/31/2017	1.283	1.209									
12/31/2018	1.414										
3 Yr Mean	1.283	1.092	1.050	1.012	0.982	0.994	0.995	1.010	1.036	1.028	0.987
Best 3/5	1.255	1.078	1.023	1.029	0.998	0.994	1.013	1.010	1.028	1.019	0.991

A.Y.E.	159:147	171:159	183:171	195:183	207:195	219:207	231:219	243:231
12/31/2000	0.983	1.003	0.999	0.998	1.000	1.023	1.000	1.000
12/31/2001	0.990	0.988	0.995	0.983	1.001	0.998	0.976	0.999 *
12/31/2002	0.985	0.985	0.997	1.001	0.999	0.939	0.999 *	0.999 *
12/31/2003	1.013	0.974	0.999	0.999	1.000	1.000 *	0.999 *	0.999 *
12/31/2004	1.037	0.997	1.000	1.006	1.000 *	1.000 *	0.999 *	0.999 *
12/31/2005	1.010	1.018	0.988					
12/31/2006	0.997	0.979						
12/31/2007	0.993							
3 Yr Mean	1.000	0.998	0.996	1.002	1.000 @	0.987 @	0.988 @	1.000 @
Best 3/5	1.007	0.987	0.997	0.999	1.000 *	0.999 *	0.999 *	0.999 *

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
12/31/2015					0.998	0.994	1.013	1.010	1.028	1.019	0.991
12/31/2016				1.029	0.998	0.994	1.013	1.010	1.028	1.019	0.991
12/31/2017			1.023	1.029	0.998	0.994	1.013	1.010	1.028	1.019	0.991
12/31/2018		1.078	1.023	1.029	0.998	0.994	1.013	1.010	1.028	1.019	0.991
12/31/2019	1.255	1.078	1.023	1.029	0.998	0.994	1.013	1.010	1.028	1.019	0.991

A.Y.E.	147/159	159/171	171/183	183/195	195/207	207/219	219/231	231/243	243/Ult	FACTORS
12/31/2015	1.007	0.987	0.997	0.999	1.000	0.999	0.999	0.999	0.996*	1.036
12/31/2016	1.007	0.987	0.997	0.999	1.000	0.999	0.999	0.999	0.996*	1.066
12/31/2017	1.007	0.987	0.997	0.999	1.000	0.999	0.999	0.999	0.996*	1.090
12/31/2018	1.007	0.987	0.997	0.999	1.000	0.999	0.999	0.999	0.996*	1.175
12/31/2019	1.007	0.987	0.997	0.999	1.000	0.999	0.999	0.999	0.996*	1.475

* Calculated Using Modified Bondy Method
@ 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
12/31/2000	2,438,105	3,613,367	5,954,589	9,767,256	12,101,265	15,235,357	17,770,451	18,669,999	19,274,305	20,102,474	20,541,468
12/31/2001	1,952,266	3,397,326	5,939,847	9,331,805	12,770,624	14,602,193	17,314,604	18,748,523	20,075,583	19,263,149	19,467,665
12/31/2002	1,149,378	3,177,236	6,301,355	8,177,921	10,109,044	11,325,082	12,107,954	14,045,611	13,469,406	13,578,191	14,107,520
12/31/2003	1,566,409	3,764,569	6,375,247	10,308,523	12,191,814	14,069,866	15,835,331	16,926,882	17,946,487	18,950,239	19,751,598
12/31/2004	1,204,922	2,683,943	5,393,258	7,861,179	10,224,589	11,996,951	13,356,197	14,385,812	15,585,680	16,621,310	17,285,681
12/31/2005	2,114,679	4,451,905	7,673,461	7,708,910	8,856,758	10,106,473	12,329,414	13,933,149	15,070,380	16,227,123	17,345,774
12/31/2006	1,462,809	3,531,285	6,712,138	9,562,897	11,465,757	13,488,637	14,893,579	17,092,326	20,206,214	20,798,240	21,588,142
12/31/2007	1,965,782	3,841,019	5,846,296	9,121,386	11,347,372	13,351,437	14,721,517	17,009,105	18,167,763	20,004,092	21,185,677
12/31/2008	1,722,948	4,705,925	8,668,380	11,988,073	15,083,631	17,534,796	19,000,073	19,945,893	20,587,707	21,371,779	21,654,030
12/31/2009	4,305,135	9,374,722	15,771,463	19,239,757	22,526,804	26,263,211	27,235,504	28,697,686	30,215,272	30,835,271	31,211,218
12/31/2010	2,449,705	5,502,180	10,181,707	15,212,106	19,566,777	21,556,674	22,841,387	23,270,112	23,855,772	24,215,342	
12/31/2011	2,501,273	4,654,993	8,300,801	11,567,518	14,493,103	17,194,915	18,643,432	19,867,474	20,462,773		
12/31/2012	3,045,424	7,744,139	12,957,225	19,847,211	21,758,424	24,154,189	28,218,676	33,865,759			
12/31/2013	2,829,165	6,135,641	9,591,856	13,439,281	16,061,381	18,119,100	21,234,372				
12/31/2014	3,274,751	5,865,940	8,915,766	11,489,729	13,648,224	14,608,231					
12/31/2015	2,550,540	5,300,251	8,603,903	10,972,399	13,557,097						
12/31/2016	4,284,893	10,105,422	16,511,348	19,198,593							
12/31/2017	2,610,114	4,732,008	8,178,650								
12/31/2018	2,440,051	4,613,853									
12/31/2019	2,741,778										

A.Y.E	147 Months	159 Months	171 Months	183 Months	195 Months	207 Months	219 Months	231 Months	243 Months
12/31/2000	21,056,307	21,408,357	21,569,012	21,508,631	21,765,649	21,762,734	21,740,441	21,742,743	21,742,743
12/31/2001	19,952,120	20,413,892	20,922,294	20,966,353	20,950,816	20,963,982	20,967,173	20,972,127	
12/31/2002	14,475,913	14,765,771	14,962,527	15,048,716	15,076,863	15,076,583	15,081,236		
12/31/2003	21,009,873	21,206,082	21,866,776	21,919,664	21,825,716	21,860,763			
12/31/2004	18,192,020	18,498,027	18,537,199	18,673,250	18,669,397				
12/31/2005	18,187,227	19,249,640	19,619,779	19,388,430					
12/31/2006	21,689,825	21,890,215	21,987,646						
12/31/2007	21,902,850	22,276,493							
12/31/2008	22,267,327								

PRODUCTS (Subline Code 336)
FULL COVERAGE
MULTISTATE
PROPERTY DAMAGE - OCCURRENCE
INCURRED ACCIDENT YEAR 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
12/31/2000	1,175,262	2,341,222	3,812,667	2,334,009	3,134,092	2,535,094	899,548	604,306	828,169	438,994	514,839	352,050	160,655
12/31/2001	1,445,060	2,542,521	3,391,958	3,438,819	1,831,569	2,712,411	1,433,919	1,327,060	-812,434	204,516	484,455	461,772	508,402
12/31/2002	2,027,858	3,124,119	1,876,566	1,931,123	1,216,038	782,872	1,937,657	-576,205	108,785	529,329	368,393	289,858	196,756
12/31/2003	2,198,160	2,610,678	3,933,276	1,883,291	1,878,052	1,765,465	1,091,551	1,019,605	1,003,752	801,359	1,258,275	196,209	660,694
12/31/2004	1,479,021	2,709,315	2,467,921	2,363,410	1,772,362	1,359,246	1,029,615	1,199,868	1,035,630	664,371	906,339	306,007	39,172
12/31/2005	2,337,226	3,221,556	35,449	1,147,848	1,249,715	2,222,941	1,603,735	1,137,231	1,156,743	1,118,651	841,453	1,062,413	370,139
12/31/2006	2,068,476	3,180,853	2,850,759	1,902,860	2,022,880	1,404,942	2,198,747	3,113,888	592,026	789,902	101,683	200,390	97,431
12/31/2007	1,875,237	2,005,277	3,275,090	2,225,986	2,004,065	1,370,080	2,287,588	1,158,658	1,836,329	1,181,585	717,173	373,643	
12/31/2008	2,982,977	3,962,455	3,319,655	3,095,596	2,451,165	1,465,277	945,820	641,814	784,072	282,251	613,297		
12/31/2009	5,069,587	6,396,741	3,468,294	3,287,047	3,736,407	972,293	1,462,182	1,517,586	619,999	375,947			
12/31/2010	3,052,475	4,679,527	5,030,399	4,354,671	1,989,897	1,284,713	428,725	585,660	359,570				
12/31/2011	2,153,720	3,645,808	3,266,717	2,925,585	2,701,812	1,448,517	1,224,042	595,299					
12/31/2012	4,698,715	5,213,086	6,889,986	1,911,213	2,395,765	4,064,487	5,647,083						
12/31/2013	3,306,476	3,456,215	3,847,425	2,622,100	2,057,719	3,115,272							
12/31/2014	2,591,189	3,049,826	2,573,963	2,158,495	960,007								
12/31/2015	2,749,711	3,303,652	2,368,496	2,584,698									
12/31/2016	5,820,529	6,405,926	2,687,245										
12/31/2017	2,121,894	3,446,642											
12/31/2018	2,173,802												

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
12/31/2000	0.0392	0.0781	0.1272	0.0778	0.1045	0.0846	0.0300	0.0202	0.0276	0.0146	0.0172	0.0117	0.0054
12/31/2001	0.0455	0.0801	0.1069	0.1084	0.0577	0.0855	0.0452	0.0418	-0.0256	0.0064	0.0153	0.0146	0.0160
12/31/2002	0.0732	0.1127	0.0677	0.0697	0.0439	0.0283	0.0699	-0.0208	0.0039	0.0191	0.0133	0.0105	0.0071
12/31/2003	0.0706	0.0838	0.1263	0.0605	0.0603	0.0567	0.0350	0.0327	0.0322	0.0257	0.0404	0.0063	0.0212
12/31/2004	0.0662	0.1213	0.1105	0.1058	0.0793	0.0608	0.0461	0.0537	0.0464	0.0297	0.0406	0.0137	0.0018
12/31/2005	0.0949	0.1309	0.0014	0.0466	0.0508	0.0903	0.0652	0.0462	0.0470	0.0454	0.0342	0.0432	0.0150
12/31/2006	0.0665	0.1022	0.0916	0.0611	0.0650	0.0451	0.0706	0.1000	0.0190	0.0254	0.0033	0.0064	0.0031
12/31/2007	0.0498	0.0533	0.0870	0.0592	0.0533	0.0364	0.0608	0.0308	0.0488	0.0314	0.0191	0.0099	
12/31/2008	0.0727	0.0965	0.0809	0.0754	0.0597	0.0357	0.0230	0.0156	0.0191	0.0069	0.0149		
12/31/2009	0.1194	0.1507	0.0817	0.0774	0.0880	0.0229	0.0344	0.0358	0.0146	0.0089			
12/31/2010	0.0821	0.1259	0.1353	0.1171	0.0535	0.0346	0.0115	0.0158	0.0097				
12/31/2011	0.0647	0.1096	0.0982	0.0879	0.0812	0.0435	0.0368	0.0179					
12/31/2012	0.1259	0.1397	0.1846	0.0512	0.0642	0.1089	0.1513						
12/31/2013	0.0960	0.1003	0.1117	0.0761	0.0597	0.0904							
12/31/2014	0.0760	0.0894	0.0755	0.0633	0.0281								
12/31/2015	0.0868	0.1042	0.0747	0.0816									
12/31/2016	0.1537	0.1692	0.0710										
12/31/2017	0.0530	0.0860											
12/31/2018	0.0737												
Best 3/5	0.0788	0.0980	0.0873	0.0737	0.0592	0.0562	0.0314	0.0215	0.0176	0.0219	0.0227	0.0100	0.0084

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                      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
12/31/2000    0.997     1.012     1.000     0.999     1.000     1.000     1.000 *
12/31/2001    1.002     0.999     1.001     1.000     1.000     1.000 *   1.000 *
12/31/2002    1.006     1.002     1.000     1.000     1.000 *   1.000 *   1.000 *
12/31/2003    1.002     0.996     1.002     1.000 *   1.000 *   1.000 *   1.000 *
12/31/2004    1.007     1.000     1.000 *   1.000 *   1.000 *   1.000 *   1.000 *
12/31/2005    0.988


  Best 3/5    1.003     1.000     1.000 *   1.000 *   1.000 *   1.000 *   1.000 *


  171 to Ultimate Factor:  1.003



                  Cumulative Incremental Factors
Months-to-Ultimate      15        27        39        51        63        75        87
                       0.587     0.508     0.410     0.323     0.249     0.190     0.134

Months-to-Ultimate      99       111       123       135       147       159       171
                       0.102     0.081     0.063     0.041     0.018     0.008     0.000



              Reported ALAE      $500,000        ALAE     Additional    ALAE at   171-Ultimate  Ultimate
  A.Y.E        as of 3/31/20  Ultimate Indemnity  Factor      ALAE      171 Months    Factor       ALAE
12/31/2017      9,357,164       43,979,172        0.410    18,031,465   27,388,629    1.003     27,470,488
12/31/2018      5,052,840       32,929,481        0.508    16,728,169   21,781,009    1.003     21,846,053
12/31/2019      2,870,401       38,396,221        0.587    22,538,584   25,408,985    1.003     25,484,940


*  Calculated Using Modified Bondy Method
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Multistate Review of ULAE Experience
General Liability Including CMP Liability
Loss Adjustment Expense Special Call
Calendar Years 2015- 2019

Item *	2015	2016	2017	2018	2019	2015 - 2019 Mean
1. Direct Losses Incurred	$24,958,455	$25,388,567	$22,632,160	$26,519,433	$28,416,595	
2. Allocated Loss Adjustment Expenses Incurred (ALAE)	$6,032,038	$4,939,134	$5,935,928	$5,781,764	$5,750,906	
3. Unallocated Loss Adjustment Expenses Incurred (ULAE)	$2,454,825	$2,540,806	$2,332,466	$2,282,751	$2,814,839	
4. Incurred Losses + ALAE [(1) + (2)]	$30,990,493	$30,327,701	$28,568,088	$32,301,197	$34,167,501	

Incurred Percentage

	2015	2016	2017	2018	2019	Mean
5. Ratio of ULAE to (Losses + ALAE) [(3)/(4)]	7.9%	8.4%	8.2%	7.1%	8.2%	8.0%
6. Selected	8.0%					

Notes: All dollar amounts are displayed in thousands.

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

PRODUCTS TREND SUMMARY

(1)   EXPOSURE TREND   PRODUCTS

      Average Annual Percent Change

      a) 7/1/2017 to 7/1/2022 AYE 12/31/2017   + 0.9%
      b) 7/1/2018 to 7/1/2022 AYE 12/31/2018   + 0.8%
      c) 7/1/2019 to 7/1/2022 AYE 12/31/2019   + 0.7%

(2)   OCCURRENCE SEVERITY   BODILY INJURY   PROPERTY DAMAGE

      a) Fitted
            All Years   + 4.6%   + 4.7%
            Eight Years   + 2.9%   + 2.2%
            Six Years   + 3.2%   + 4.7%

      b) Selected   + 3.0%   + 5.5%

(3)   FREQUENCY TREND

      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 12/31/2017, 12/31/2018 & 12/31/2019

| (1) | | (2) PRODUCTS CLASS GROUP SALES EXPOSURE | | (1) | | (2) PRODUCTS CLASS GROUP SALES EXPOSURE |
YEAR ENDING QUARTER*		INDICES		YEAR ENDING QUARTER*		INDICES
2009	1	0.961		2016	1	1.030
	2	0.966			2	1.030
	3	0.969			3	1.029
	4	0.968			4	1.030
2010	1	0.964		2017	1	1.033
	2	0.962			2	1.034
	3	0.962			3	1.037
	4	0.965			4	1.040
2011	1	0.968		2018	1	1.043
	2	0.973			2	1.047
	3	0.978			3	1.051
	4	0.982			4	1.054
2012	1	0.986		2019	1	1.057
	2	0.990			2	1.060
	3	0.995			3	1.062
	4	1.000			4	1.064
2013	1	1.004		2020	1	1.065
	2	1.006			2	1.059
	3	1.008			3P	1.055
	4	1.010			4P	1.052
2014	1	1.012		2021	1P	1.050
	2	1.016			2P	1.055
	3	1.019			3P	1.058
	4	1.022			4P	1.062
2015	1	1.024		2022	1P	1.067
	2	1.026			2P	1.074
	3	1.027			3P	1.081
	4	1.030			4P	1.088

CHANGE IN EXPOSURES   PRODUCTS

    7/1/2017 to 7/1/2022   (2022:4/2017:4)   1.046

    7/1/2018 to 7/1/2022   (2022:4/2018:4)   1.032

    7/1/2019 to 7/1/2022   (2022:4/2019:4)   1.022

AVERAGE ANNUAL TREND FACTOR

    7/1/2017 to 7/1/2022   (5.0 YRS)   1.009

    7/1/2018 to 7/1/2022   (4.0 YRS)   1.008

    7/1/2019 to 7/1/2022   (3.0 YRS)   1.007

* Projected values are identified by a 'P' in column (1).
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OCCURRENCE SEVERITY TREND
MULTISTATE
PRODUCTS
Calculation of Annual Trend Factor
Based on Average Occurrence Severity
Full Coverage Occurrence Data
Monoline and Multiline Combined
Bodily Injury

(1) Accident Year Ending	(2) Basic Limit Paid Losses *	(3) Paid Occurrences	(4) (2)/(3) Actual Severity	(5) Exponential Curve of Best Fit to Col (4)		
				10 Year	8 Year	6 Year
12/31/2010	$28,291,286	1,148	$24,644	$25,701		
12/31/2011	25,844,845	1,059	24,405	26,878		
12/31/2012	31,873,158	967	32,961	28,109	$30,230	
12/31/2013	22,587,522	799	28,270	29,396	31,118	
12/31/2014	19,951,081	615	32,441	30,742	32,031	$31,838
12/31/2015	17,652,233	522	33,817	32,149	32,971	32,873
12/31/2016	17,181,212	542	31,700	33,622	33,939	33,941
12/31/2017	17,419,555	497	35,049	35,161	34,935	35,044
12/31/2018	15,015,252	416	36,094	36,771	35,961	36,182
12/31/2019	16,484,532	431	38,247	38,455	37,016	37,358

	10 Year	8 Year	6 Year
Goodness of Fit Statistic, R-Squared:	0.778	0.602	0.737

Average Annual Severity Trend (10 yr)	+ 4.6%
Average Annual Severity Trend (8 yr)	+ 2.9%
Average Annual Severity Trend (6 yr)	+ 3.2%
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 Section B - Explanation of Trend Calculation).

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

(1) Accident Year Ending	(2) Basic Limit Paid Losses *	(3) Paid Occurrences	(4) (2)/(3) Actual Severity	(5) Exponential Curve of Best Fit to Col (4)		
				10 Year	8 Year	6 Year
12/31/2010	$45,675,399	1,504	$30,369	$34,409		
12/31/2011	42,416,612	1,273	33,320	36,043		
12/31/2012	51,221,849	1,131	45,289	37,754	$42,234	
12/31/2013	45,005,735	1,011	44,516	39,547	43,157	
12/31/2014	38,700,411	942	41,083	41,424	44,100	$40,823
12/31/2015	35,495,385	866	40,988	43,391	45,063	42,735
12/31/2016	45,421,354	897	50,637	45,451	46,048	44,737
12/31/2017	36,563,407	839	43,580	47,609	47,054	46,832
12/31/2018	34,768,907	778	44,690	49,870	48,082	49,026
12/31/2019	44,523,961	804	55,378	52,237	49,133	51,322

Goodness of Fit Statistic, R-Squared:	0.624	0.265	0.500

Average Annual Severity Trend (10 yr)	+ 4.7%
Average Annual Severity Trend (8 yr)	+ 2.2%
Average Annual Severity Trend (6 yr)	+ 4.7%
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 Section B - 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]
12/31/2006	$ 87,900,076	2,884	32.81
12/31/2007	89,768,337	3,194	35.58
12/31/2008	95,613,838	3,081	32.23
12/31/2009	105,059,614	3,521	33.51
12/31/2010	111,095,984	3,588	32.29
12/31/2011	112,338,542	3,319	29.54
12/31/2012	113,233,179	3,093	27.32
12/31/2013	113,272,079	3,012	26.59
12/31/2014	115,658,305	2,683	23.19
12/31/2015	121,444,754	2,347	19.32
12/31/2016	124,967,946	2,295	18.36
12/31/2017	128,546,662	2,138	16.63
12/31/2018	127,109,414	1,952	15.35
12/31/2019	131,902,215	2,018	15.30

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.

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 pages F-31-40.

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)

CLASS GROUPS AND CALCULATION OF PROPOSED CLASS LOSS COSTS

Explanatory Notes (Cont'd)

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

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

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

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

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

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

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 of 0.998 results from capping.

CLASS GROUPS AND CALCULATION OF PROPOSED CLASS LOSS COSTS

Explanatory Notes (Cont'd)

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.

```
                                                       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 * 1.013 *    .937
```

			5 YEAR					PRESENT	PROPOSED	STATE-		
	AYE 2019	5 YEAR	MONO/MULTI					MULTI-	MULTI-	WIDE	PRESENT	PROPOSED
	MONO/MULTI	MONO/MULTI	EXPERIENCE		FORMULA		CHANGE	STATE	STATE	%	STATEWIDE	STATEWIDE
	ALCCL	ALCCL	RATIO	CRED.	ER	INDEX	FACTOR	OCCUR	OCCUR	CHANGE	OCCUR	OCCUR
CLASS	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
10140	308391	1357387	1.33556	.1355	1.052	1.079	1.024	.021	.022	4.8	.021	.022
10141	515125	2463807	1.15508	.1872	1.035	1.062	1.008	.023	.023	0.0	.023	.023
12361	2109590	10585019	.83864	.4348	.934	.958	.909	.077	.070	-9.1	.077	.070
12373	79471	663432	.74895	.0997	.982	1.007	.956	.024	.023	-4.2	.024	.023
13049	262153	1197829	.28398	.1275	.915	.938	.890	.057	.051	-10.5	.057	.051
13111	47476	246758	1.07502	.0767	1.013	1.039	.986	.093	.092	-1.1	.093	.092
13112	1824163	8649112	1.05274	.3906	1.025	1.051	.998	.063	.063	0.0	.063	.063
13621	265660	1758388	1.39833	.1550	1.068	1.095	1.039	.320	.330	3.1	.320	.330
13670	315674	1673776	2.26414	.1510	1.197	1.228	1.166	.015	.017	13.3	.015	.017
15223	1155803	5965343	1.31734	.3163	1.105	1.133	1.075	.041	.044	7.3	.041	.044
15406	308853	1422620	1.99864	.1388	1.145	1.174	1.114	.048	.053	10.4	.048	.053
16604	1320043	6691105	.57834	.3381	.862	.884	.839	.146	.122	-16.4	.146	.122
51300	341	32241	.00000	.0644	.942	.966	.917	.160	.147	-8.1	.160	.147
51305	25977	73614	.05007	.0668	.943	.967	.918	.960	.880	-8.3	.960	.880
51315	885488	4145799	.68617	.2548	.926	.950	.902	.106	.096	-9.4	.106	.096
51350	148733	884134	.64448	.1114	.967	.992	.942	.135	.127	-5.9	.135	.127
51351	43937	134853	3.66481	.0703	1.194	1.225	1.163	.042	.049	16.7	.042	.049
51352	116305	503950	.49466	.0910	.961	.986	.936	.108	.101	-6.5	.108	.101
51355	157393	818049	.84594	.1079	.990	1.015	.963	.094	.091	-3.2	.094	.091
51356	79244	306665	.02589	.0801	.929	.953	.905	.620	.560	-9.7	.620	.560
51357	7407	23518	3.80602	.0639	1.186	1.216	1.154	.660	.760	15.2	.660	.760
51358	27215	86709	.00000	.0675	.939	.963	.914	.141	.129	-8.5	.141	.129
51359	71710	280441	.12829	.0786	.938	.962	.913	.780	.710	-9.0	.780	.710
51752	610679	3131682	.66985	.2154	.935	.959	.910	.165	.150	-9.1	.165	.150
52002	1621678	8473765	.75300	.3862	.909	.932	.885	.129	.114	-11.6	.129	.114
53001	2324615	11759021	.86029	.4587	.940	.964	.915	.330	.300	-9.1	.330	.300
53374	6541650	28930150	.77796	.6653	.855	.877	.832	.310	.260	-16.1	.310	.260
53375	1850458	9565469	1.77973	.4124	1.326	1.360	1.291	.223	.270	21.1	.223	.270 U
53376	604727	2822401	.80397	.2026	.966	.991	.941	.194	.183	-5.7	.194	.183
53377	2773981	11600402	.96381	.4556	.988	1.013	.962	.195	.188	-3.6	.195	.188
53565	189779	878986	.13684	.1111	.911	.934	.887	.108	.096	-11.1	.108	.096
55371	29058	164571	.00000	.0720	.935	.959	.910	.119	.108	-9.2	.119	.108
56488	86699	315411	2.59004	.0806	1.135	1.164	1.105	.034	.038	11.8	.034	.038
56758	140707	542786	.58214	.0931	.968	.993	.943	.148	.140	-5.4	.148	.140
56759	769283	3481519	.97636	.2295	1.000	1.026	.974	.080	.078	-2.5	.080	.078
56760	1742502	7906593	1.09347	.3717	1.039	1.066	1.012	.098	.099	1.0	.098	.099
57002	234454	881870	.26439	.1113	.925	.949	.901	.106	.096	-9.4	.106	.096

```
X-TILDE:   .954    X-TILDE (MONOLINE):   .975     PI-TILDE: .0038701
TAU SQUARED:  .03000    SIGMA SQUARED:   481978.51225


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 * 1.013 *    .937
```

	AYE 2019 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													
57651	188321	826165	.77245	.1084	.982	1.007	.956	.041	.039	-4.9	.041	.039	
57913	737652	3622690	.70101	.2350	.935	.959	.910	.290	.260	-10.3	.290	.260	
59537	319909	1377747	1.94119	.1365	1.135	1.164	1.105	.210	.232	10.5	.210	.232	
59647	48067	220490	.29443	.0752	.954	.978	.928	.170	.158	-7.1	.170	.158	
59904	10803	49654	6.95191	.0654	1.396	1.432	1.359	.061	.076	24.6	.061	.076	U
59905	161501	689234	.26891	.1011	.933	.957	.908	.132	.120	-9.1	.132	.120	
59925	1152	8023	1.39935	.0630	1.032	1.058	1.004	1.190	1.190	0.0	1.190	1.190	
59926	258619	1278712	1.29671	.1316	1.045	1.072	1.018	.450	.460	2.2	.450	.460	
59927	41420	407638	.26905	.0857	.944	.968	.919	1.420	1.300	-8.5	1.420	1.300	
59963	49453	178167	.00000	.0728	.934	.958	.909	.410	.370	-9.8	.410	.370	
59964	197446	1015830	.80818	.1183	.984	1.009	.958	.069	.066	-4.3	.069	.066	

```
X-TILDE:   .954    X-TILDE (MONOLINE):   .975     PI-TILDE: .0038701
TAU SQUARED:  .03000    SIGMA SQUARED:   481978.51225


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

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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 *  .977 *    .937
```

CLASS	AYE 2019 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	151008	784135	1.11300	.1211	1.005	1.057	.968	.195	.189	-3.1	.195	.189	
10040	852365	4606034	1.44250	.2872	1.120	1.178	1.078	.300	.320	6.7	.300	.320	
10070	1887133	10021676	1.04820	.4377	1.016	1.068	.978	.154	.151	-1.9	.154	.151	
10101	279456	1547054	1.14918	.1601	1.016	1.068	.978	.181	.177	-2.2	.181	.177	
10111	184481	819743	.21758	.1230	.895	.941	.861	.078	.067	-14.1	.078	.067	
10255	2782837	13431884	1.13623	.5037	1.064	1.119	1.024	.147	.151	2.7	.147	.151	
10256	11798	56827	4.28117	.0803	1.254	1.319	1.207	.152	.183	20.4	.152	.183	
10257	3283252	14617381	.83219	.5232	.907	.954	.873	.169	.148	-12.4	.169	.148	
11126	175445	1075547	2.01673	.1364	1.130	1.188	1.088	.022	.024	9.1	.022	.024	
11203	8225	34315	.00000	.0789	.912	.959	.878	.520	.460	-11.5	.520	.460	
11248	7248	42092	.00000	.0794	.911	.958	.877	.018	.016	-11.1	.018	.016	
12391	1646441	7988550	.71215	.3893	.882	.927	.849	.082	.070	-14.6	.082	.070	
12509	48408	245333	.09195	.0912	.908	.955	.874	.036	.031	-13.9	.036	.031	
12651	706775	3489976	1.00279	.2455	.993	1.044	.956	.530	.510	-3.8	.530	.510	
12707	387896	1248486	.48076	.1453	.916	.963	.882	.640	.560	-12.5	.640	.560	
12797	1215377	5976281	1.11428	.3324	1.031	1.084	.992	.196	.194	-1.0	.196	.194	
13201	23322	118889	.34331	.0839	.936	.984	.901	.160	.144	-10.0	.160	.144	
13204	1383326	6680613	.50247	.3535	.818	.860	.787	1.450	1.140	-21.4	1.450	1.140	
13205	336404	1823210	.71463	.1734	.942	.991	.907	.460	.420	-8.7	.460	.420	
13314	190	980	.00000	.0770	.914	.961	.880	.016	.014	-12.5	.016	.014	
13410	3233592	14733759	.66140	.5250	.818	.860	.787	2.990	2.350	-21.4	2.990	2.350	
13412	476604	2511529	1.55631	.2048	1.106	1.163	1.065	1.140	1.210	6.1	1.140	1.210	
13590	4433561	20513435	.89973	.6010	.936	.984	.901	.740	.670	-9.5	.740	.670	
13715	2040709	10039939	.81740	.4381	.914	.961	.880	.165	.145	-12.1	.165	.145	
13930	1150579	5174510	.70132	.3066	.902	.948	.868	.201	.174	-13.4	.201	.174	
14068	4262	33469	.00000	.0789	.912	.959	.878	.014	.012	-14.3	.014	.012	
14527	416572	1910073	.94726	.1775	.983	1.034	.947	.189	.179	-5.3	.189	.179	
14855	47900	296581	.00000	.0941	.897	.943	.863	.154	.133	-13.6	.154	.133	
16005	356806	1876025	.75419	.1759	.949	.998	.914	.034	.031	-8.8	.034	.031	
16009	36466	195859	3.08022	.0884	1.175	1.236	1.131	.094	.106	12.8	.094	.106	
16527	4965559	23422088	.92100	.6307	.947	.996	.912	.350	.320	-8.6	.350	.320	
16705	240402	996982	.43204	.1323	.916	.963	.882	.148	.131	-11.5	.148	.131	
16750	346875	1892314	1.60096	.1767	1.098	1.155	1.057	.032	.034	6.3	.032	.034	
18205	623010	2834525	1.64423	.2187	1.133	1.191	1.090	.350	.380	8.6	.350	.380	
18616	3158356	14247041	1.07727	.5173	1.035	1.088	.996	.590	.590	0.0	.590	.590	
18707	16449	85159	8.63627	.0819	1.616	1.699	1.555	.004	.005	25.0	.004	.005	U
45771	121181	813768	.09364	.1226	.880	.925	.847	.164	.139	-15.2	.164	.139	

```
X-TILDE:   .914    X-TILDE (MONOLINE):   .951    PI-TILDE: .0048140
TAU SQUARED:  .03000   SIGMA SQUARED:   468529.76371


L - CAPPED DOWN
U - CAPPED UP
N - NOT SUBJECT TO CAPPING
E - SUBJECT TO CAPPING EXCEPTION
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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 *  .977 *     .937


                          5 YEAR                                   PRESENT  PROPOSED  STATE-
        AYE 2019  5 YEAR  MONO/MULTI                               MULTI-   MULTI-    WIDE   PRESENT    PROPOSED
        MONO/MULTI MONO/MULTI EXPERIENCE         FORMULA           CHANGE   STATE    STATE    %     STATEWIDE  STATEWIDE
        ALCCL     ALCCL      RATIO     CRED.  ER      INDEX FACTOR  OCCUR    OCCUR   CHANGE  OCCUR     OCCUR
CLASS    (1)       (2)        (3)       (4)    (5)     (6)   (7)     (8)      (9)     (10)    (11)      (12)
-----  ---------- ---------- ---------- ------ ------- ----- ------- -------- -------- ------ --------- ---------
45901    530844    2160693    .84208    .1891   .962  1.012  .926     .049     .045    -8.2    .049      .045
53907   1848888    7972767    .66862    .3889   .865   .910  .833     .103     .086   -16.5    .103      .086
```

```
X-TILDE:   .914    X-TILDE (MONOLINE):   .951    PI-TILDE: .0048140
TAU SQUARED:  .03000    SIGMA SQUARED:   468529.76371

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

```
                                           LOSS COST % CHANGE BY CLASS
SUBLINE: PRODUCTS
CLASS GROUP: 05
NUMBER OF YEARS OF DATA USED: 5
CHANGE FACTOR = INDEX * CG REL * SWRL USED = INDEX * 1.037 *    .937


                            5 YEAR                                      PRESENT   PROPOSED  STATE-
           AYE 2019  5 YEAR MONO/MULTI                         CHANGE   MULTI-    MULTI-    WIDE    PRESENT    PROPOSED
           MONO/MULTI MONO/MULTI EXPERIENCE       FORMULA              STATE     STATE     %       STATEWIDE  STATEWIDE
           ALCCL    ALCCL      RATIO     CRED.    ER      INDEX FACTOR   OCCUR     OCCUR     CHANGE  OCCUR      OCCUR
CLASS      (1)      (2)        (3)       (4)      (5)     (6)   (7)      (8)       (9)       (10)    (11)       (12)
-----  ---------- ----------  ----------  ------  -------  -----  ------- --------  --------  ------  ---------  ---------
51380      1414      7163     .32947    .1504   1.329   .961    .934     .044      .041     -6.8     .044       .041
51575    201799   1031278    1.30798    .2005   1.466  1.060   1.030     .020      .021      5.0     .020       .021
51576    234866   1047315    1.41600    .2012   1.487  1.075   1.045     .093      .097      4.3     .093       .097
51613     61033    399625    1.04746    .1703   1.427  1.032   1.003     .139      .139      0.0     .139       .139
51666     39820    249138     .00000    .1628   1.260   .911    .885     .101      .089    -11.9     .101       .089
51767       653      3410     .00000    .1502   1.279   .925    .899     .008      .007    -12.5     .008       .007
51833      1568      7777     .00000    .1504   1.279   .925    .899     .060      .054    -10.0     .060       .054
51869    127250    668629    1.04367    .1834   1.421  1.027    .998     .136      .136      0.0     .136       .136
51889       868      4185     .00000    .1502   1.279   .925    .899     .012      .011     -8.3     .012       .011
51941   1620138   8203676    1.29974    .4342   1.416  1.024    .995     .041      .041      0.0     .041       .041
52469   2178258  10180102    1.09882    .4764   1.312   .949    .922     .104      .096     -7.7     .104       .096
55647    388728   1870267    1.42673    .2373   1.487  1.075   1.045     .062      .065      4.8     .062       .065
55802     16342    105317    5.95377    .1554   2.197  1.589   1.544     .009      .011     22.2     .009       .011  U
56040      1057      3246     .00000    .1502   1.279   .925    .899     .033      .030     -9.1     .033       .030
57257     23300    131596     .79384    .1568   1.394  1.008    .979     .035      .034     -2.9     .035       .034
57410     24740    133575    1.59786    .1569   1.520  1.099   1.068     .162      .173      6.8     .162       .173
58503     39323    150754    1.06577    .1578   1.436  1.038   1.009     .076      .077      1.3     .076       .077
58627      2097      9754     .00000    .1505   1.279   .925    .899     .013      .012     -7.7     .013       .012
59257       135      1705     .00000    .1501   1.279   .925    .899     .013      .012     -7.7     .013       .012
59923       648     15365   13.28435    .1508   3.282  2.373   2.306     .004      .005     25.0     .004       .005  U
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X-TILDE: 1.229   X-TILDE (MONOLINE): 1.383   PI-TILDE: .0070485
TAU SQUARED: .03000   SIGMA SQUARED: 490006.24567

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

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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 * 1.010 *    .937
```

| | AYE 2019 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													
15733	8052	54585	.02823	.0364	.934	.984	.931	.037	.034	-8.1	.037	.034	
51001	446	6924	.00000	.0274	.942	.993	.940	.450	.420	-6.7	.450	.420	
51116	1222545	4176854	1.05542	.4636	1.009	1.063	1.006	.690	.690	0.0	.690	.690	
51240	60377	273254	2.24434	.0754	1.065	1.122	1.062	.185	.196	5.9	.185	.196	
51241	359839	1683413	.49660	.2670	.843	.888	.840	.260	.218	-16.2	.260	.218	
51330	198383	964537	4.59184	.1805	1.623	1.710	1.618	.530	.660	24.5	.530	.660	U
51370	232485	614066	.00000	.1304	.842	.887	.839	4.570	3.830	-16.2	4.570	3.830	
51500	325635	1649620	.99004	.2634	.974	1.026	.971	.119	.116	-2.5	.119	.116	
51550	26984	78502	2.17714	.0408	1.018	1.073	1.015	.390	.400	2.6	.390	.400	
51551	745	42463	1.43195	.0341	.984	1.037	.981	.910	.890	-2.2	.910	.890	
51552	1	18020	.63474	.0295	.959	1.011	.957	.159	.152	-4.4	.159	.152	
51600	122517	610400	.47794	.1298	.905	.954	.903	.191	.172	-9.9	.191	.172	
51734	15286	52995	5.55247	.0361	1.134	1.195	1.131	.310	.350	12.9	.310	.350	
51741	117002	699860	.75425	.1432	.938	.988	.935	.260	.243	-6.5	.260	.243	
51777	135885	679568	1.13644	.1402	.992	1.045	.989	.078	.077	-1.3	.078	.077	
51808	255554	845621	.79609	.1641	.940	.991	.938	.730	.680	-6.8	.730	.680	
51809	36855	143150	.73839	.0526	.956	1.007	.953	.153	.146	-4.6	.153	.146	
51877	95110	390908	.27132	.0952	.902	.950	.899	.212	.191	-9.9	.212	.191	
51896	679507	3436065	.90198	.4172	.941	.992	.939	.018	.017	-5.6	.018	.017	
51900	10643	55855	3.37071	.0366	1.056	1.113	1.053	.095	.100	5.3	.095	.100	
51909	83	663	.00000	.0262	.943	.994	.941	.056	.053	-5.4	.056	.053	
51926	290188	1234160	1.83254	.2152	1.154	1.216	1.151	.038	.044	15.8	.038	.044	
51927	435768	1992520	1.10450	.2989	1.009	1.063	1.006	.131	.132	0.8	.131	.132	
51934	30975	617720	.12479	.1309	.858	.904	.856	.125	.107	-14.4	.125	.107	
51956	1489747	7355895	.90172	.6003	.928	.978	.926	.221	.205	-7.2	.221	.205	
51957	1320055	6661492	1.19457	.5767	1.099	1.158	1.096	.420	.460	9.5	.420	.460	
51960	4118	29678	.00000	.0317	.938	.988	.935	.350	.330	-5.7	.350	.330	
51982	11270	56054	.00000	.0366	.933	.983	.930	.083	.077	-7.2	.083	.077	
51986	37851	256749	.50018	.0726	.935	.985	.932	.103	.096	-6.8	.103	.096	
51999	145738	672942	.61095	.1392	.919	.968	.916	.440	.400	-9.1	.440	.400	
52075	62549	250262	.24674	.0715	.917	.966	.914	.243	.222	-8.6	.243	.222	
52134	2109846	10635756	.94107	.6835	.950	1.001	.947	.630	.600	-4.8	.630	.600	
52315	500835	2386459	1.23792	.3357	1.059	1.116	1.056	.260	.270	3.8	.260	.270	
52505	59121	184173	3.16342	.0599	1.100	1.159	1.097	.216	.237	9.7	.216	.237	
52547	221159	1097930	.64941	.1980	.905	.954	.903	.078	.070	-10.3	.078	.070	
52911	941082	4745325	.92428	.4945	.947	.998	.944	.450	.420	-6.7	.450	.420	
52967	24175	122326	.42102	.0488	.942	.993	.940	.062	.058	-6.5	.062	.058	

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X-TILDE:   .958    X-TILDE (MONOLINE):   .949    PI-TILDE: .0016680
TAU SQUARED:   .05089    SIGMA SQUARED:   260593.58233


L - CAPPED DOWN
U - CAPPED UP
N - NOT SUBJECT TO CAPPING
E - SUBJECT TO CAPPING EXCEPTION
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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 * 1.010 *    .937


                            5 YEAR                                      PRESENT   PROPOSED  STATE-
             AYE 2019  5 YEAR  MONO/MULTI                               MULTI-    MULTI-    WIDE    PRESENT    PROPOSED
             MONO/MULTI MONO/MULTI EXPERIENCE         FORMULA    CHANGE STATE     STATE     %       STATEWIDE  STATEWIDE
             ALCCL    ALCCL    RATIO     CRED.   ER     INDEX   FACTOR  OCCUR     OCCUR     CHANGE  OCCUR      OCCUR
CLASS        (1)      (2)      (3)       (4)     (5)    (6)     (7)     (8)       (9)       (10)    (11)       (12)
-----     ----------  ----------  ----------  ------  -------  ------  -------   --------  --------  ------  ---------  ---------
53121       47390     174454    .17124    .0582   .922   .972    .920    .440      .400     -9.1    .440      .400
53333       69975     370139   1.75810    .0917  1.041  1.097   1.038    .239      .248      3.8    .239      .248
53631         441       1721    .00000    .0264   .943   .994    .941    .022      .021     -4.5    .022      .021
53632         326       5578    .00000    .0271   .942   .993    .940    .034      .032     -5.9    .034      .032
53732     1411236    7154969   1.11488    .5937  1.055  1.112   1.052    .450      .470      4.4    .450      .470
53733     5096705   22599302    .81988    .8201   .847   .893    .845    .270      .228    -15.6    .270      .228
54077      769511    3620447    .96800    .4295   .968  1.020    .965    .400      .390     -2.5    .400      .390
55010       72243     365370    .29155    .0909   .907   .956    .905   1.080      .980     -9.3   1.080      .980
55011      370467    1898394   1.48094    .2895  1.117  1.177   1.114   1.570     1.750     11.5   1.570     1.750
55012       52827     247263    .64948    .0709   .946   .997    .944   1.180     1.110     -5.9   1.180     1.110
55013      414966    1849042   1.01755    .2845   .982  1.035    .979   1.140     1.120     -1.8   1.140     1.120
55214         959       4971    .00000    .0270   .942   .993    .940    .088      .083     -5.7    .088      .083
55715       46661     206667    .00000    .0639   .907   .956    .905    .224      .203     -9.4    .224      .203
55716       40073     164037    .64652    .0563   .950  1.001    .947    .520      .490     -5.8    .520      .490
56202      107879    1043086    .48264    .1909   .876   .923    .873    .089      .078    -12.4    .089      .078
56390      478727    1390360   1.50143    .2341  1.093  1.152   1.090    .640      .700      9.4    .640      .700
56391      708736    3848129    .87814    .4439   .928   .978    .926    .320      .300     -6.3    .320      .300
56427       21176      79498    .52927    .0410   .951  1.002    .948    .125      .119     -4.8    .125      .119
56690        3365      15250    .00000    .0290   .940   .991    .938    .350      .330     -5.7    .350      .330
56699      171556    1044473   2.08047    .1911  1.181  1.244   1.177    .057      .067     17.5    .057      .067
56916      819088    3653754   1.16091    .4316  1.052  1.109   1.050    .205      .215      4.9    .205      .215
57090       86632     607742   1.46258    .1294  1.032  1.087   1.029    .660      .680      3.0    .660      .680
57401       11639      43733    .00000    .0343   .935   .985    .932    .096      .089     -7.3    .096      .089
57403         527       3093    .00000    .0267   .943   .994    .941    .035      .033     -5.7    .035      .033
57572       79833     400995    .46914    .0968   .920   .969    .917    .108      .099     -8.3    .108      .099
57600       40798     235251    .88846    .0689   .963  1.015    .961    .034      .033     -2.9    .034      .033
57611       52210     280654    .00000    .0767   .894   .942    .891    .062      .055    -11.3    .062      .055
57690      340010    1377594    .76664    .2325   .922   .972    .920    .490      .450     -8.2    .490      .450
57716      216298    1139474    .65988    .2034   .906   .955    .904    .082      .074     -9.8    .082      .074
57725      974870    4265239    .72039    .4687   .852   .898    .850    .088      .075    -14.8    .088      .075
57726       71927     300610   2.67684    .0801  1.105  1.164   1.102    .021      .023      9.5    .021      .023
57810        4121      20777    .00000    .0300   .939   .989    .936    .107      .100     -6.5    .107      .100
57871      169156     405893    .74131    .0976   .946   .997    .944    .118      .111     -5.9    .118      .111
57998       27911     140214    .16269    .0520   .927   .977    .925    .058      .054     -6.9    .058      .054
57999        6991      32569   1.34634    .0322   .981  1.034    .979    .071      .070     -1.4    .071      .070
58095     1796480    8427893    .86446    .6319   .903   .952    .901   1.990     1.790    -10.1   1.990     1.790
58096     1117352    7424465   1.37825    .6025  1.215  1.280   1.211   1.230     1.490     21.1   1.230     1.490



X-TILDE:   .958    X-TILDE (MONOLINE):   .949    PI-TILDE: .0016680
TAU SQUARED:   .05089    SIGMA SQUARED:   260593.58233


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

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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 * 1.010 *    .937


                        5 YEAR                                     PRESENT  PROPOSED  STATE-
            AYE 2019   5 YEAR   MONO/MULTI                         MULTI-   MULTI-    WIDE    PRESENT    PROPOSED
            MONO/MULTI MONO/MULTI EXPERIENCE      FORMULA          STATE    STATE     %       STATEWIDE  STATEWIDE
            ALCCL      ALCCL    RATIO     CRED.   ER      INDEX  CHANGE OCCUR    OCCUR     CHANGE  OCCUR      OCCUR
                                                                 FACTOR
CLASS        (1)        (2)      (3)      (4)     (5)     (6)    (7)     (8)      (9)       (10)    (11)       (12)
-----      ---------- ---------- ---------- ------ ------- ------ ------ -------- -------- ------ --------- ---------
58301        107936     360140    .00000   .0901   .881    .928   .878    .088     .077    -12.5    .088       .077
58302         65390     256588    .47500   .0726   .933    .983   .930    .055     .051     -7.3    .055       .051
58397       1543566    5900480    .81021   .5475   .882    .929   .879    .740     .650    -12.2    .740       .650
58575         11569      66716    .00000   .0386   .931    .981   .928    .120     .111     -7.5    .120       .111
58663       1340596    6043546    .29212   .5533   .594    .626   .592   1.280     .950    -25.8   1.280       .950  L
58802         51642     212588   1.39011   .0649   .996   1.050   .994    .480     .480      0.0    .480       .480
58837          7651      39505   1.81187   .0335   .997   1.051   .995    .162     .161     -0.6    .162       .161
58840          4386      18632    .41064   .0296   .952   1.003   .949    .127     .121     -4.7    .127       .121
58873        242688    1044614    .58838   .1911   .896    .944   .893    .030     .027    -10.0    .030       .027
58904           425      21752    .00000   .0302   .939    .989   .936    .128     .120     -6.2    .128       .120
58922       1177602    5186281   1.16121   .5161  1.068   1.125  1.065    .168     .179      6.5    .168       .179
59005        280655    1231800    .79205   .2149   .931    .981   .928    .096     .089     -7.3    .096       .089
59188           315       1037    .00000   .0263   .943    .994   .941    .055     .052     -5.5    .055       .052
59189          4388      16891    .00000   .0293   .940    .991   .938    .300     .280     -6.7    .300       .280
59223        153229     712658   2.36372   .1451  1.171   1.234  1.168    .088     .103     17.0    .088       .103
59378             0         18    .00000   .0261   .943    .994   .941    .150     .141     -6.0    .150       .141
59481         75084     415448   1.04688   .0992   .976   1.028   .973    .099     .096     -3.0    .099       .096
59701          1412      55279   5.39244   .0365  1.130   1.191  1.127    .290     .330     13.8    .290       .330
59713        301763    1548246   1.38248   .2522  1.073   1.131  1.070    .310     .330      6.5    .310       .330
59722         62318     297369    .06894   .0795   .897    .945   .894    .031     .028     -9.7    .031       .028
59723         16196      91896    .00000   .0433   .927    .977   .925    .037     .034     -8.1    .037       .034
59726         86627     635036   1.04701   .1335   .979   1.032   .977    .024     .023     -4.2    .024       .023
59738         14791      80067    .00000   .0411   .929    .979   .926    .064     .059     -7.8    .064       .059
59773             0          0    .00000   .0000   .969   1.000   .946    .028     .026     -7.1    .028       .026
59774           728       2250    .00000   .0265   .943    .994   .941    .150     .141     -6.0    .150       .141
59775             0          0    .00000   .0000   .000    .000   .000    .188     .178     -5.3    .188       .178
59798        919213    3825907    .85201   .4426   .917    .966   .914    .500     .460     -8.0    .500       .460
59886         16350     102900    .00000   .0453   .925    .975   .923    .108     .100     -7.4    .108       .100
59889         13663      85035   4.93982   .0420  1.135   1.196  1.132    .165     .187     13.3    .165       .187
59914        833217    4058659   1.06610   .4567  1.013   1.067  1.010    .680     .690      1.5    .680       .690
59915        167755     772943    .44403   .1538   .888    .936   .886    .750     .660    -12.0    .750       .660
59917        109027     505380   2.45413   .1136  1.137   1.198  1.134    .205     .232     13.2    .205       .232
59931        211163     843839    .40513   .1639   .876    .923   .873    .550     .480    -12.7    .550       .480
59932          4051     174717    .00000   .0582   .912    .961   .909    .880     .800     -9.1    .880       .800
59947         14807      89363    .00000   .0428   .927    .977   .925    .320     .300     -6.3    .320       .300
59955         20556     108932    .01373   .0464   .924    .974   .922    .143     .132     -7.7    .143       .132
59970         19383     102003    .00000   .0451   .925    .975   .923    .183     .169     -7.7    .183       .169


X-TILDE:    .958    X-TILDE (MONOLINE):   .949    PI-TILDE: .0016680
TAU SQUARED:  .05089    SIGMA SQUARED:   260593.58233


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

```
                                            LOSS COST % CHANGE BY CLASS
SUBLINE: PRODUCTS
CLASS GROUP: 06
NUMBER OF YEARS OF DATA USED: 5
CHANGE FACTOR = INDEX * CG REL * SWRL USED = INDEX * 1.010 *    .937


                        5 YEAR                                       PRESENT  PROPOSED  STATE-
        AYE 2019   5 YEAR   MONO/MULTI                               MULTI-   MULTI-    WIDE    PRESENT    PROPOSED
        MONO/MULTI MONO/MULTI EXPERIENCE          FORMULA     CHANGE STATE    STATE     %       STATEWIDE  STATEWIDE
        ALCCL      ALCCL    RATIO     CRED.  ER    INDEX FACTOR OCCUR   OCCUR     CHANGE  OCCUR      OCCUR
CLASS   (1)        (2)      (3)       (4)    (5)   (6)   (7)    (8)     (9)       (10)    (11)       (12)
-----   ----------  ----------  ----------  ------  -------  -----  -------  --------  --------  ------  ---------  ---------
59975   649105     2901760   .63112   .3784  .841   .886  .838    .227     .190     -16.3   .227       .190
59984   32409      132588    .00000   .0507  .919   .968  .916    .053     .049      -7.5   .053       .049
59988   1129       8238      .00000   .0277  .942   .993  .940    .059     .055      -6.8   .059       .055
59989   8          29        .00000   .0261  .943   .994  .941    .044     .041      -6.8   .044       .041


X-TILDE:   .958    X-TILDE (MONOLINE):   .949    PI-TILDE: .0016680
TAU SQUARED:  .05089    SIGMA SQUARED:   260593.58233

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

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                                                        LOSS COST % CHANGE BY CLASS
SUBLINE: PRODUCTS
CLASS GROUP: 07
NUMBER OF YEARS OF DATA USED: 5
CHANGE FACTOR = INDEX * CG REL * SWRL USED = INDEX * 1.001 *    .937
```

			5 YEAR MONO/MULTI					PRESENT MULTI-	PROPOSED MULTI-	STATE- WIDE	PRESENT	PROPOSED	
	AYE 2019 MONO/MULTI ALCCL	5 YEAR MONO/MULTI ALCCL	EXPERIENCE RATIO	CRED.	FORMULA ER	INDEX	CHANGE FACTOR	STATE OCCUR	STATE OCCUR	% CHANGE	STATEWIDE OCCUR	STATEWIDE OCCUR	
CLASS	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	
49239	68656	407622	.17301	.1980	.735	.819	.768	.600	.460	-23.3	.600	.460	
50010	49671	218067	.02500	.1539	.744	.829	.778	.490	.380	-22.4	.490	.380	
51205	2143	7130	.00000	.0988	.788	.878	.824	.071	.059	-16.9	.071	.059	
51206	1587	26418	.00000	.1041	.783	.873	.819	.390	.320	-17.9	.390	.320	
51220	122840	460220	.50185	.2094	.796	.887	.832	2.280	1.900	-16.7	2.280	1.900	
51221	570114	2736188	1.01641	.5110	.947	1.056	.990	1.780	1.760	-1.1	1.780	1.760	
51222	126927	1080087	1.81917	.3231	1.180	1.315	1.233	3.670	4.530	23.4	3.670	4.530	
51224	1353265	6680482	1.02576	.7056	.981	1.094	1.026	1.450	1.490	2.8	1.450	1.490	
51230	0	0	.00000	.0000	.000	.000	.000	.790	.740	-6.3	.790	.740	
51252	1340785	7000162	.44814	.7148	.570	.635	.596	.100	.074	-26.0	.100	.074	L
51254	19299	32713	.00000	.1058	.782	.872	.818	.039	.032	-17.9	.039	.032	
51333	102841	474485	.94083	.2125	.888	.990	.929	.340	.320	-5.9	.340	.320	
51958	268697	1429238	.83362	.3738	.859	.958	.899	.410	.370	-9.8	.410	.370	
51970	913979	4040737	.55760	.5987	.685	.764	.717	.238	.177	-25.6	.238	.177	L
52433	74549	317597	.17622	.1776	.750	.836	.784	1.020	.800	-21.6	1.020	.800	
52581	0	661207	.05274	.2502	.669	.746	.700	2.950	2.190	-25.8	2.950	2.190	L
52744	43103	53036	.00000	.1114	.777	.866	.812	.081	.066	-18.5	.081	.066	
53077	144444	1026293	1.31064	.3146	1.012	1.128	1.058	.207	.219	5.8	.207	.219	
55597	0	0	.00000	.0000	.000	.000	.000	1.790	1.680	-6.1	1.790	1.680	
55918	153	980	.00000	.0970	.789	.880	.825	2.740	2.260	-17.5	2.740	2.260	
55919	0	0	.00000	.0000	.000	.000	.000	3.650	3.420	-6.3	3.650	3.420	
56912	818420	3814709	.91351	.5859	.897	1.000	.938	.090	.084	-6.7	.090	.084	
57146	420618	1867239	1.17156	.4276	1.001	1.116	1.047	.720	.750	4.2	.720	.750	
58737	38392	239144	.64736	.1590	.838	.934	.876	.630	.550	-12.7	.630	.550	
59601	217658	650093	.97752	.2481	.900	1.003	.941	2.370	2.230	-5.9	2.370	2.230	
59660	521744	2476677	.83849	.4888	.857	.955	.896	1.180	1.060	-10.2	1.180	1.060	
59724	36166	145375	.00566	.1357	.756	.843	.791	.019	.015	-21.1	.019	.015	
59725	638057	2935214	1.61422	.5268	1.264	1.409	1.322	.116	.145	25.0	.116	.145	U
59750	7518	37992	.00000	.1073	.780	.870	.816	.222	.181	-18.5	.222	.181	
59781	396583	2103615	1.79404	.4530	1.291	1.439	1.350	.068	.085	25.0	.068	.085	U
59782	369230	1665440	1.57975	.4040	1.159	1.292	1.212	.460	.560	21.7	.460	.560	

```
X-TILDE:   .943    X-TILDE (MONOLINE):   .897    PI-TILDE: .0059085
TAU SQUARED:  .06287    SIGMA SQUARED:   203082.09384

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

SECTION G

SUPPORTING MATERIAL -- LOCAL PRODUCTS/COMPLETED OPERATIONS

TABLE OF CONTENTS

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

TYPE OF POLICY	ACCIDENT YEAR ENDING	$100,000 BASIC LIMIT AGGREGATE LOSS COSTS AT CURRENT LEVEL	EXPOSURE DEVELOPMENT FACTOR+	EXPOSURE TREND#	AVERAGE IPMF*	TRENDED $100,000 BASIC LIMIT AGGREGATE LOSS COSTS AT CURRENT LEVEL
MONOLINE	12/31/2017	$101,536,480	1.000	1.076		$109,253,253
	12/31/2018	107,898,874	1.000	1.042		112,430,627
	12/31/2019	114,506,562	1.017	1.017		118,432,878
MULTILINE	12/31/2017	$218,895,389	1.000	1.077	0.992	$233,864,331
	12/31/2018	226,186,036	1.000	1.042	0.996	234,743,106
	12/31/2019	226,849,922	1.017	1.018	0.998	234,389,367
TOTAL	12/31/2017					$343,117,584
	12/31/2018					347,173,733
	12/31/2019					352,822,245

+ The derivation of the exposure development factors are shown in Section G - Calculation of Exposure Development Factors.

Aggregate loss costs at current level have been trended from an average date of coverage to one year beyond an assumed effective date of 7/1/2021 by an exponential projection of the average annual exposure trend factor. The derivation of this exposure trend factor is shown in Section G - Average Annual Exposure Trends.

* The implicit package modification factors applied to the data for individual programs are shown in Section G - Implicit Package Modification Factors.

  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	BASIC LIMIT DEVELOPMENT FACTOR#	X	UNALLOCATED LOSS ADJ. FACTOR	X	SEVERITY TREND	X	FREQUENCY TREND	=	$100,000 BASIC LIMIT DEVELOPED & TRENDED LOSS AND LAE
BI	B/L INDEMNITY	12/31/2017	$21,540,297		1.009		1.080		1.276		0.975		$29,191,529
		12/31/2018	17,520,205		1.387		1.080		1.216		0.980		31,268,226
		12/31/2019	13,512,262		2.592		1.080		1.158		0.985		43,139,519
BI	ALAE	12/31/2017	$19,026,077				1.080		1.276		0.975		$25,563,970
		12/31/2018	20,610,527				1.080		1.216		0.980		26,526,045
		12/31/2019	33,352,552				1.080		1.158		0.985		41,086,355
PD	B/L INDEMNITY	12/31/2017	$71,047,950		1.392		1.080		1.246		0.975		$129,715,338
		12/31/2018	70,305,733		1.533		1.080		1.193		0.980		136,073,036
		12/31/2019	60,803,344		1.876		1.080		1.141		0.985		138,488,962
PD	ALAE	12/31/2017	$76,029,976				1.080		1.246		0.975		$99,754,218
		12/31/2018	84,993,896				1.080		1.193		0.980		107,319,345
		12/31/2019	88,506,878				1.080		1.141		0.985		107,429,277
	TOTAL FULL COVERAGE	12/31/2017											$284,225,054
		12/31/2018											301,186,652
		12/31/2019											330,144,113

* Incurred indemnity losses are as reported. The ALAE have been developed, using the additive ALAE development procedure as explained in Section B.
# The indemnity development factors shown are weighted averages over all states and all Local Products/Completed Operations class groups.

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

REPORT TYPE	LOSS DESCRIPTION	ACCIDENT YEAR ENDING	$100,000 BAISC LIMIT LOSSES AND ALAE*	X	BASIC LIMIT DEVELOPMENT FACTOR#	X	UNALLOCATED LOSS ADJ. FACTOR	X	SEVERITY TREND	X	FREQUENCY TREND	=	$100,000 BASIC LIMIT DEVELOPED & TRENDED LOSS AND LAE
BI	B/L INDEMNITY	12/31/2017	$3,084,912		1.107		1.080		1.276		0.975		$4,587,103
		12/31/2018	2,282,192		1.325		1.080		1.216		0.980		3,890,995
		12/31/2019	1,579,891		2.329		1.080		1.158		0.985		4,532,712
BI	ALAE	12/31/2017	$3,302,990				1.080		1.276		0.975		$4,437,990
		12/31/2018	2,532,829				1.080		1.216		0.980		3,259,787
		12/31/2019	3,939,428				1.080		1.158		0.985		4,852,904
PD	B/L INDEMNITY	12/31/2017	$18,730,622		1.417		1.080		1.246		0.975		$34,833,692
		12/31/2018	16,976,944		1.570		1.080		1.193		0.980		33,658,113
		12/31/2019	12,586,393		1.903		1.080		1.141		0.985		29,067,935
PD	ALAE	12/31/2017	$21,260,226				1.080		1.246		0.975		$27,894,224
		12/31/2018	20,504,058				1.080		1.193		0.980		25,889,884
		12/31/2019	20,264,591				1.080		1.141		0.985		24,597,075
	TOTAL DED COVERAGE	12/31/2017											$71,753,010
		12/31/2018											66,698,778
		12/31/2019											63,050,626
	TOTAL OCCURRENCE	12/31/2017											$355,978,064
		12/31/2018											367,885,430
		12/31/2019											393,194,740

* Incurred indemnity losses are as reported. The ALAE have been developed, using the additive ALAE development procedure as explained in Section B.
\# 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                                                Implicit Package
        Policy (B)                    Description             Modification Factors
        ---------                    -----------             --------------------

            31                    Not Applicable                      --
            32                    Not Applicable                      --
            33                    Not Applicable                      --
            34                    Mercantile Policy                 1.097
            35                    Not Applicable                      --
            36                    Service Policy                    1.069
            37                    Industrial/Processing Policy      0.689
            38                    Contractors Policy                0.968
```

(A) Implicit Package Modification Factors shown above reflect the package modifications currently in the ISO manual for Local Products/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 G - 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	1.016	1.022	0.9188	1.022	4,000,000
27 to 39 Months	0.999	1.000	0.5859	1.000	31,000,000

Accident Year Ending	Exposure Development From				Factor
	27:15	39:27	ULT:39		
12/31/2017			1.000		1.000
12/31/2018		1.000	1.000		1.000
12/31/2019	1.022	1.000	1.000		1.022

(a) See Section G - Multistate Premium Development.
(b) See Section G - 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
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
12/31/2012	12,544,783	12,745,640	12,732,054	12,595,494	12,594,441	12,594,441	12,594,441	12,594,441
12/31/2013	13,047,273	13,232,020	12,996,326	12,992,214	12,993,289	12,993,289	12,993,289	
12/31/2014	13,813,625	13,673,818	13,675,517	13,676,171	13,676,944	13,676,944		
12/31/2015	13,883,310	14,145,020	14,157,685	14,150,623	14,150,623			
12/31/2016	14,165,436	14,633,751	14,626,781	14,627,011				
12/31/2017	14,868,827	15,084,188	15,083,672					
12/31/2018	16,221,019	16,829,773						
12/31/2019	18,075,834							

LINK RATIOS

Accident Year Ending	27:15	39:27	51:39	63:51	75:63	87:75	99:87
12/31/2012	1.016	0.999	0.989	1.000	1.000	1.000	1.000
12/31/2013	1.014	0.982	1.000	1.000	1.000	1.000	
12/31/2014	0.990	1.000	1.000	1.000	1.000		
12/31/2015	1.019	1.001	1.000	1.000			
12/31/2016	1.033	1.000	1.000				
12/31/2017	1.014	1.000					
12/31/2018	1.038						
12/31/2019							

Average Best 3 of 5

27:15	39:27
1.022	1.000

<div align="center">

MULTISTATE
LOCAL PRODUCTS/COMPLETED OPERATIONS

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

</div>

Accident Year Ending	15 Months	27 Months	39 Months	51 Months	63 Months	75 Months	87 Months	99 Months
12/31/2012	512,973,438	510,176,861	510,085,286	505,351,937	505,378,832	505,376,928	505,358,312	505,353,669
12/31/2013	565,202,942	576,698,213	569,269,170	569,205,516	569,229,287	569,199,160	569,212,276	
12/31/2014	627,240,739	633,359,295	632,855,651	632,959,406	632,944,606	632,934,037		
12/31/2015	656,789,952	670,188,579	669,821,741	669,866,012	669,818,503			
12/31/2016	682,867,467	696,328,429	696,405,233	696,865,233				
12/31/2017	700,151,683	710,319,158	710,184,829					
12/31/2018	716,823,891	725,148,518						
12/31/2019	726,225,982							

<div align="center">

LINK RATIOS

</div>

Accident Year Ending	27:15	39:27	51:39	63:51	75:63	87:75	99:87
12/31/2012	0.995	1.000	0.991	1.000	1.000	1.000	1.000
12/31/2013	1.020	0.987	1.000	1.000	1.000	1.000	
12/31/2014	1.010	0.999	1.000	1.000	1.000		
12/31/2015	1.020	0.999	1.000	1.000			
12/31/2016	1.020	1.000	1.001				
12/31/2017	1.015	1.000					
12/31/2018	1.012						

Average Best 3 of 5

27:15	39:27
1.016	0.999

LOCAL PRODUCTS/COMPLETED OPERATIONS LOSS DEVELOPMENT DATA
TABLE OF CONTENTS

COMPLETED OPERATIONS

LOCAL PRODUCTS

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(Ki)
15 to 27 Months	1.928	1.408	0.2346	1.806	350,000
27 to 39 Months	1.447	1.143	0.5591	1.277	390,000
39 to 51 Months	1.064	0.959	0.6587	0.995	420,000
51 to 63 Months	1.000	1.000	0.6625	1.000	460,000
63 to 75 Months	0.979	1.000	0.5322	0.990	510,000
75 to 87 Months	0.986	1.000	0.6186	0.995	550,000
87 to 99 Months	0.985	1.000	0.5592	0.993	610,000
99 to 111 Months	0.996	1.037	0.5317	1.018	660,000
111 to 123 Months	0.990	1.008	0.4165	0.997	730,000
123 to 135 Months	0.996	0.998	0.4454	0.997	800,000
135 to 147 Months	0.999	0.997	0.4405	0.998	880,000
147 to 159 Months	0.999	1.001	0.3569	1.000	970,000
159 to 171 Months	0.999	1.000	0.3066	0.999	1,100,000
171 to 183 Months	1.000	1.000	0.2744	1.000	1,200,000
183 to 195 Months	1.000	1.000	0.1922	1.000	1,300,000
195 to 207 Months	0.999	1.000	0.1049	0.999	1,400,000
207 to 219 Months	1.000	1.000	0.0364	1.000	1,600,000
219 to 231 Months	1.000	1.000	0.0297	1.000	1,700,000
231 to 243 Months	1.000	1.000	0.0000	1.000	1,900,000
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
12/31/2017			0.995	1.000	0.990	0.995	0.993	1.018	0.997	0.997	0.998
12/31/2018		1.277	0.995	1.000	0.990	0.995	0.993	1.018	0.997	0.997	0.998
12/31/2019	1.806	1.277	0.995	1.000	0.990	0.995	0.993	1.018	0.997	0.997	0.998

	159:147	171:159	183:171	195:183	207:195	219:207	231:219	243:231	ULT:243		Factor
12/31/2017	1.000	0.999	1.000	1.000	0.999	1.000	1.000	1.000	1.000		0.981
12/31/2018	1.000	0.999	1.000	1.000	0.999	1.000	1.000	1.000	1.000		1.253
12/31/2019	1.000	0.999	1.000	1.000	0.999	1.000	1.000	1.000	1.000		2.262

(A) See Section G - Multistate Loss Development.
(B) See Section G - 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
                               Bodily Injury
                               Full Coverage
                                   ALAE

                    Calculation of Cumulative Incremental Factors

              (1)                  (2)

          EVALUATION          MULTISTATE
            PERIOD             RATIO (A)

      15 to   27 Months        0.0659
      27 to   39 Months        0.1252
      39 to   51 Months        0.1103
      51 to   63 Months        0.0804
      63 to   75 Months        0.0482
      75 to   87 Months        0.0212
      87 to   99 Months        0.0053
      99 to  111 Months        0.0111
     111 to  123 Months        0.0046
     123 to  135 Months        0.0008
     135 to  147 Months        0.0067
     147 to  159 Months        0.0041
     159 to  171 Months        0.0032
     171 to Ultimate      A multistate link ratio factor of 1.014 has been used.


                         Cumulative Incremental Factors
      Months-to-Ultimate     15      27      39      51      63      75      87
                           0.487   0.421   0.296   0.186   0.105   0.057   0.036

      Months-to-Ultimate     99     111     123     135     147     159     171
                           0.030   0.019   0.015   0.014   0.007   0.003   0.000


                  Reported ALAE     $500,000        ALAE    Additional    ALAE at     171-Ultimate  Ultimate
      A.Y.E       as of 3/31/20  Ultimate Indemnity Factor     ALAE      171 Months     Factor        ALAE
   12/31/2017         6,408           19,605        0.296      5,803       12,211        1.014        12,380
   12/31/2018        41,243        2,007,482        0.421    845,150      886,393        1.014       898,799
   12/31/2019         3,263        1,449,799        0.487    706,053      709,316        1.014       719,244


     (A) See Section G - Multistate Loss Development.
     Note: Completed Operations Incremental ALAE Factors are calculated using multistate data.
```

ARIZONA

Completed Operations
Property Damage
Full Coverage
Incurred Losses excluding ALAE

Calculation of Loss Development Factors

	(1)	(2)	(3)	(4)	(5)	
	EVALUATION PERIOD	MULTISTATE RATIO (A)	STATE RATIO (B)	CREDIBILITY(C)	WEIGHTED RATIO (D)	Credibility Constant(Ki)
	15 to 27 Months	1.232	1.235	0.5958	1.234	1,000,000
	27 to 39 Months	1.117	1.104	0.6271	1.109	1,100,000
	39 to 51 Months	1.060	0.979	0.6608	1.006	1,100,000
	51 to 63 Months	1.041	1.022	0.6533	1.029	1,200,000
	63 to 75 Months	1.040	1.101	0.6448	1.079	1,300,000
	75 to 87 Months	1.030	0.980	0.6858	0.996	1,400,000
	87 to 99 Months	1.023	0.975	0.6592	0.991	1,500,000
	99 to 111 Months	1.041	1.086	0.6623	1.071	1,600,000
	111 to 123 Months	1.017	0.941	0.6584	0.967	1,700,000
	123 to 135 Months	1.020	1.086	0.5883	1.059	1,900,000
	135 to 147 Months	1.011	0.930	0.5584	0.966	2,000,000
	147 to 159 Months	1.010	0.976	0.4503	0.995	2,200,000
	159 to 171 Months	1.006	0.942	0.4385	0.978	2,300,000
	171 to 183 Months	1.008	0.985	0.3922	0.999	2,500,000
	183 to 195 Months	1.003	1.000	0.3668	1.002	2,700,000
	195 to 207 Months	1.002	1.000	0.4461	1.001	2,900,000
	207 to 219 Months	1.003	1.000	0.4843	1.002	3,100,000
	219 to 231 Months	1.002	1.000	0.4184	1.001	3,300,000
	231 to 243 Months	1.001	1.000	0.2285	1.001	3,500,000
	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
				Loss Development From							
12/31/2017			1.006	1.029	1.079	0.996	0.991	1.071	0.967	1.059	0.966
12/31/2018		1.109	1.006	1.029	1.079	0.996	0.991	1.071	0.967	1.059	0.966
12/31/2019	1.234	1.109	1.006	1.029	1.079	0.996	0.991	1.071	0.967	1.059	0.966

	159:147	171:159	183:171	195:183	207:195	219:207	231:219	243:231	ULT:243	Factor
12/31/2017	0.995	0.978	0.999	1.002	1.001	1.002	1.001	1.001	1.001	1.145
12/31/2018	0.995	0.978	0.999	1.002	1.001	1.002	1.001	1.001	1.001	1.269
12/31/2019	0.995	0.978	0.999	1.002	1.001	1.002	1.001	1.001	1.001	1.566

(A) See Section G - Multistate Loss Development.
(B) See Section G - 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        MULTISTATE
          PERIOD          RATIO (A)

     15 to  27 Months       0.0663
     27 to  39 Months       0.0797
     39 to  51 Months       0.0832
     51 to  63 Months       0.0578
     63 to  75 Months       0.0470
     75 to  87 Months       0.0315
     87 to  99 Months       0.0251
     99 to 111 Months       0.0267
    111 to 123 Months       0.0235
    123 to 135 Months       0.0256
    135 to 147 Months       0.0150
    147 to 159 Months       0.0134
    159 to 171 Months       0.0082
    171 to Ultimate     A multistate link ratio factor of 1.034 has been used.


                        Cumulative Incremental Factors
    Months-to-Ultimate      15       27       39       51       63       75       87
                          0.503    0.437    0.357    0.274    0.216    0.169    0.137

    Months-to-Ultimate      99      111      123      135      147      159      171
                          0.112    0.086    0.062    0.037    0.022    0.008    0.000


                  Reported ALAE      $500,000       ALAE    Additional     ALAE at    171-Ultimate   Ultimate
       A.Y.E      as of 3/31/20  Ultimate Indemnity  Factor     ALAE      171 Months     Factor        ALAE
    12/31/2017       442,212        1,581,401       0.357     564,560    1,006,772       1.034      1,040,992
    12/31/2018       175,946        1,661,590       0.437     726,116      902,062       1.034        932,718
    12/31/2019        91,334        2,427,423       0.503   1,220,994    1,312,328       1.034      1,356,939


    (A) See Section G - Multistate Loss Development.
    Note: Completed Operations Incremental ALAE Factors are calculated using multistate data.
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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
12/31/2000			8,000	3,000	2,000	27,000	5,000	5,000	5,000		
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		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	197,088	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	115,350	177,350	222,250	172,250	167,350	184,518	184,518	284,423	284,418	283,125
12/31/2008	80,000	252,000	295,000	270,500	270,500	274,667	274,667	274,672	296,667	278,168	270,500
12/31/2009			15,000	80,000	80,000	80,000	80,003	80,000	80,000	80,000	80,000
12/31/2010		30,000	108,000	108,000	240,000	140,000	140,000	140,000	144,500	200,000	
12/31/2011	194,397	652,145	643,045	581,795	554,237	554,237	529,237	529,237	529,237		
12/31/2012	25,683	47,812	259,837	104,483	104,483	104,483	104,483	104,483			
12/31/2013	142,348	136,629	232,544	233,379	233,379	233,379	233,379				
12/31/2014	111,385	201,615	242,283	242,283	242,283	242,283					
12/31/2015	274,682	397,552	487,500	427,500	457,500						
12/31/2016	100,000	96,718	80,718	80,718							
12/31/2017	2,000	342	342								
12/31/2018	5,300	338,680									
12/31/2019	100,500										

A.Y.E.	147 Months	159 Months	171 Months	183 Months	195 Months	207 Months	219 Months	231 Months	243 Months
12/31/2000									
12/31/2001	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		
12/31/2003	103,158	103,158	103,158	103,158	103,658	103,658			
12/31/2004	205,804	232,793	232,788	197,788	197,788				
12/31/2005	117,746	117,745	117,745	117,745					
12/31/2006	140,216	135,916	135,916						
12/31/2007	280,250	281,250							
12/31/2008	270,500								

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
12/31/2000			0.375	0.667	13.500	0.185	1.000	1.000	0.000		
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	1.522	1.537	1.253	0.775	0.972	1.103	1.000	1.541	1.000	0.995	0.990
12/31/2008	3.150	1.171	0.917	1.000	1.015	1.000	1.000	1.080	0.938	0.972	1.000
12/31/2009			5.333	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
12/31/2010		3.600	1.000	2.222	0.583	1.000	1.000	1.000	1.032	1.384	
12/31/2011	3.355	0.986	0.905	0.953	1.000	0.955	1.000	1.000			
12/31/2012	1.862	5.435	0.402	1.000	1.000	1.000	1.000				
12/31/2013	0.960	1.702	1.004	1.000	1.000	1.000					
12/31/2014	1.810	1.202	1.000	1.000	1.000						
12/31/2015	1.447	1.226	0.877	1.070							
12/31/2016	0.967	0.835	1.000								
12/31/2017	0.171	1.000									
12/31/2018	63.902										
3 Yr Mean	21.680	1.020	0.959	1.023	1.000	0.985	1.000	1.011	1.107	0.989	0.999
Best 3/5	1.408	1.143	0.959	1.000	1.000	1.000	1.000	1.037	1.008	0.998	0.997

A.Y.E.	159:147	171:159	183:171	195:183	207:195	219:207	231:219	243:231
12/31/2000				1.000 *	1.000 *	1.000 *	1.000 *	1.000 *
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					
12/31/2006	0.969	1.000						
12/31/2007	1.004							
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
12/31/2015					1.000	1.000	1.000	1.037	1.008	0.998	0.997
12/31/2016				1.000	1.000	1.000	1.000	1.037	1.008	0.998	0.997
12/31/2017			0.959	1.000	1.000	1.000	1.000	1.037	1.008	0.998	0.997
12/31/2018		1.143	0.959	1.000	1.000	1.000	1.000	1.037	1.008	0.998	0.997
12/31/2019	1.408	1.143	0.959	1.000	1.000	1.000	1.000	1.037	1.008	0.998	0.997

A.Y.E.	147/159	159/171	171/183	183/195	195/207	207/219	219/231	231/243	243/Ult	FACTORS
12/31/2015	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000*	1.041
12/31/2016	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000*	1.041
12/31/2017	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000*	0.998
12/31/2018	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000*	1.141
12/31/2019	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000*	1.607

* Calculated Using Modified Bondy Method
@ 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
12/31/2000	0	0	1,877	0	0	11,250	18,595	49,479	87,476	87,475	87,475
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	60,001	209,966	267,067	275,321	288,907	310,979	313,015	373,015	373,015	373,016
12/31/2008	16,842	107,394	151,833	148,542	148,542	148,542	148,542	148,542	148,542	148,542	148,542
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	15,000	29,104	45,936	77,673	81,935	81,935	81,935	145,165	220,444	
12/31/2011	13,910	46,055	161,157	292,692	350,726	350,989	351,077	351,077	351,077		
12/31/2012	0	1,970	116,088	164,488	163,946	163,946	163,946	163,946			
12/31/2013	0	30,755	133,986	175,715	219,079	228,760	220,042				
12/31/2014	800	14,287	55,291	111,790	108,790	108,790					
12/31/2015	34,881	68,699	129,662	128,166	151,627						
12/31/2016	768	1,175	6,272	6,272							
12/31/2017	0	0	0								
12/31/2018	0	41,243									
12/31/2019	3,263										

A.Y.E	147 Months	159 Months	171 Months	183 Months	195 Months	207 Months	219 Months	231 Months	243 Months
12/31/2000	87,475	87,475	87,475	87,475	87,475	87,475	87,475	87,475	87,475
12/31/2001	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		
12/31/2003	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				
12/31/2005	142,878	142,878	142,878	142,878					
12/31/2006	117,739	113,471	113,471						
12/31/2007	368,468	383,468							
12/31/2008	148,542								

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
12/31/2000	366,787	606,900	675,720	760,840	858,041	1,111,462	1,190,011	1,279,007	1,093,458	1,160,426	1,160,527
12/31/2001	583,518	1,035,605	1,326,651	1,364,663	1,095,927	1,050,975	1,240,827	1,321,783	1,454,370	1,368,025	1,423,657
12/31/2002	152,176	195,600	286,084	287,114	409,360	464,819	515,820	637,494	574,370	554,953	540,047
12/31/2003	497,618	468,807	275,183	319,111	409,972	438,759	427,523	419,914	414,914	414,914	536,128
12/31/2004	162,575	233,482	251,185	252,686	335,741	338,371	424,469	396,364	553,861	762,368	815,907
12/31/2005	177,913	201,508	227,520	367,914	477,916	436,660	448,252	339,148	504,391	579,600	596,612
12/31/2006	155,710	176,710	142,962	266,881	236,021	354,512	346,008	477,995	636,714	561,165	648,621
12/31/2007	290,446	301,148	600,938	449,569	435,812	399,942	459,807	601,946	662,384	685,765	734,810
12/31/2008	582,695	848,191	883,499	760,031	758,065	903,827	1,591,573	1,128,415	1,215,366	904,200	1,145,163
12/31/2009	582,089	766,557	675,952	762,006	902,760	926,157	996,103	1,274,886	1,109,609	1,124,958	1,109,500
12/31/2010	431,354	501,375	678,249	741,445	783,892	971,837	962,023	854,222	952,051	882,363	
12/31/2011	959,841	1,122,665	985,242	1,093,584	1,169,376	1,249,215	1,045,011	1,008,965	1,090,707		
12/31/2012	764,943	712,690	855,458	821,716	855,699	936,626	894,088	958,857			
12/31/2013	809,978	755,859	800,356	849,895	930,642	870,502	865,232				
12/31/2014	594,340	660,003	789,040	610,168	573,298	654,338					
12/31/2015	584,366	736,749	810,190	801,173	765,737						
12/31/2016	432,246	529,163	543,897	536,876							
12/31/2017	478,507	583,980	673,650								
12/31/2018	563,139	736,604									
12/31/2019	1,142,264										

A.Y.E.	147 Months	159 Months	171 Months	183 Months	195 Months	207 Months	219 Months	231 Months	243 Months
12/31/2000	1,136,900	1,136,900	1,036,900	1,036,900	1,036,900	1,036,900	1,036,900	1,036,900	1,036,900
12/31/2001	1,424,772	1,337,169	1,337,169	1,337,168	1,337,168	1,337,168	1,337,168	1,337,168	
12/31/2002	549,812	576,762	573,537	536,797	536,797	536,797	536,797		
12/31/2003	479,936	461,414	461,414	461,414	461,414	461,414			
12/31/2004	737,428	646,836	593,195	565,695	611,699				
12/31/2005	554,499	610,299	558,299	608,247					
12/31/2006	494,321	539,217	463,758						
12/31/2007	753,497	621,242							
12/31/2008	1,096,861								

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
12/31/2000	1.655	1.113	1.126	1.128	1.295	1.071	1.075	0.855	1.061	1.000	0.980
12/31/2001	1.775	1.281	1.029	0.803	0.959	1.181	1.065	1.100	0.941	1.041	1.001
12/31/2002	1.285	1.463	1.004	1.426	1.135	1.110	1.236	0.901	0.966	0.973	1.018
12/31/2003	0.942	0.587	1.160	1.285	1.070	0.974	0.982	0.988	1.000	1.292	0.895
12/31/2004	1.436	1.076	1.006	1.329	1.008	1.254	0.934	1.397	1.376	1.070	0.904
12/31/2005	1.133	1.129	1.617	1.299	0.914	1.027	0.757	1.487	1.149	1.029	0.929
12/31/2006	1.135	0.809	1.867	0.884	1.502	0.976	1.381	1.332	0.881	1.156	0.762
12/31/2007	1.037	1.995	0.748	0.969	0.918	1.150	1.309	1.100	1.035	1.072	1.025
12/31/2008	1.456	1.042	0.860	0.997	1.192	1.761	0.709	1.077	0.744	1.266	0.958
12/31/2009	1.317	0.882	1.127	1.185	1.026	1.076	1.280	0.870	1.014	0.986	
12/31/2010	1.162	1.353	1.093	1.057	1.240	0.990	0.888	1.115	0.927		
12/31/2011	1.170	0.878	1.110	1.069	1.068	0.837	0.966	1.081			
12/31/2012	0.932	1.200	0.961	1.041	1.095	0.955	1.072				
12/31/2013	0.933	1.059	1.062	1.095	0.935	0.994					
12/31/2014	1.110	1.196	0.773	0.940	1.141						
12/31/2015	1.261	1.100	0.989	0.956							
12/31/2016	1.224	1.028	0.987								
12/31/2017	1.220	1.154									
12/31/2018	1.308										
3 Yr Mean	1.251	1.094	0.916	0.997	1.057	0.929	0.975	1.022	0.895	1.108	0.915
Best 3/5	1.235	1.104	0.979	1.022	1.101	0.980	0.975	1.086	0.941	1.086	0.930

A.Y.E.	159:147	171:159	183:171	195:183	207:195	219:207	231:219	243:231
12/31/2000	1.000	0.912	1.000	1.000	1.000	1.000	1.000	1.000
12/31/2001	0.939	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	0.961	1.000	1.000	1.000	1.000	1.000 *	1.000 *	1.000 *
12/31/2004	0.877	0.917	0.954	1.081	1.000 *	1.000 *	1.000 *	1.000 *
12/31/2005	1.101	0.915	1.089					
12/31/2006	1.091	0.860						
12/31/2007	0.824							
3 Yr Mean	1.005	0.897	1.014	1.027	1.000 @	1.000 @	1.000 @	1.000 @
Best 3/5	0.976	0.942	0.985	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
12/31/2015					1.101	0.980	0.975	1.086	0.941	1.086	0.930
12/31/2016				1.022	1.101	0.980	0.975	1.086	0.941	1.086	0.930
12/31/2017			0.979	1.022	1.101	0.980	0.975	1.086	0.941	1.086	0.930
12/31/2018		1.104	0.979	1.022	1.101	0.980	0.975	1.086	0.941	1.086	0.930
12/31/2019	1.235	1.104	0.979	1.022	1.101	0.980	0.975	1.086	0.941	1.086	0.930

A.Y.E.	147/159	159/171	171/183	183/195	195/207	207/219	219/231	231/243	243/Ult	FACTORS
12/31/2015	0.976	0.942	0.985	1.000	1.000	1.000	1.000	1.000	1.000*	0.983
12/31/2016	0.976	0.942	0.985	1.000	1.000	1.000	1.000	1.000	1.000*	1.005
12/31/2017	0.976	0.942	0.985	1.000	1.000	1.000	1.000	1.000	1.000*	0.984
12/31/2018	0.976	0.942	0.985	1.000	1.000	1.000	1.000	1.000	1.000*	1.086
12/31/2019	0.976	0.942	0.985	1.000	1.000	1.000	1.000	1.000	1.000*	1.341

* Calculated Using Modified Bondy Method
@ 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
12/31/2000	18,412	52,360	135,676	129,665	197,063	253,595	450,957	694,499	802,035	1,053,177	1,248,218
12/31/2001	57,742	123,056	299,959	476,843	617,205	657,804	775,180	962,204	946,760	1,314,449	1,422,918
12/31/2002	3,987	13,852	105,861	175,258	308,948	342,176	399,879	399,296	534,005	583,890	576,374
12/31/2003	17,852	38,002	76,814	171,189	259,811	300,205	361,154	384,785	372,392	372,392	372,392
12/31/2004	720	96,782	119,239	164,473	185,153	218,593	270,678	370,174	464,808	501,143	513,785
12/31/2005	12,137	48,673	63,713	117,489	184,728	235,108	309,140	305,558	372,439	497,425	749,082
12/31/2006	20,312	34,552	74,279	103,252	163,394	184,855	179,273	186,802	223,509	268,882	267,448
12/31/2007	27,919	92,792	297,021	411,574	411,431	412,739	420,428	462,839	483,635	504,177	540,534
12/31/2008	68,034	267,210	315,884	551,086	579,574	635,848	677,701	781,568	890,396	865,740	924,912
12/31/2009	41,370	95,531	208,529	547,189	649,215	805,388	986,855	1,291,146	1,551,423	1,770,088	2,061,561
12/31/2010	58,933	106,572	305,965	417,874	620,399	868,802	1,045,608	1,131,841	1,194,414	1,182,779	
12/31/2011	33,160	126,098	343,455	421,524	455,853	481,853	532,822	612,963	719,762		
12/31/2012	23,288	164,239	334,464	450,136	487,919	611,114	654,097	727,168			
12/31/2013	32,068	154,191	305,142	291,322	348,107	352,100	352,100				
12/31/2014	11,505	67,692	130,261	186,600	248,288	367,031					
12/31/2015	41,846	78,938	266,049	384,530	517,923						
12/31/2016	50,901	70,990	175,703	228,936							
12/31/2017	19,080	95,853	203,853								
12/31/2018	16,689	93,846									
12/31/2019	80,239										

A.Y.E	147 Months	159 Months	171 Months	183 Months	195 Months	207 Months	219 Months	231 Months	243 Months
12/31/2000	1,413,635	1,360,538	1,375,941	1,133,402	1,133,402	1,133,402	1,133,402	1,133,402	1,133,402
12/31/2001	1,453,109	1,358,189	1,358,189	1,358,188	1,358,188	1,358,188	1,358,188	1,358,188	
12/31/2002	592,389	642,743	645,968	646,326	646,326	646,326	646,326		
12/31/2003	391,871	425,098	425,098	425,098	425,098	425,098			
12/31/2004	562,357	642,443	685,552	667,974	619,098				
12/31/2005	839,189	870,853	836,428	838,929					
12/31/2006	293,089	299,734	284,540						
12/31/2007	681,071	671,108							
12/31/2008	962,224								

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
12/31/2000	3,242,674	7,144,726	8,981,631	10,648,892	10,464,196	10,814,240	10,323,302	10,286,487	10,137,136	10,175,780	10,173,201
12/31/2001	3,133,452	6,660,980	8,776,836	9,811,634	10,370,281	10,363,562	10,197,264	9,952,141	9,847,539	9,746,086	9,767,456
12/31/2002	2,758,877	6,641,268	8,656,737	9,461,388	10,317,479	10,423,394	10,763,771	10,970,492	11,190,124	11,294,959	11,328,677
12/31/2003	3,470,539	6,397,716	9,686,336	10,239,423	10,166,351	9,993,584	9,741,661	9,703,855	9,687,387	9,723,788	9,774,798
12/31/2004	4,459,289	6,731,994	9,314,891	10,444,438	10,389,712	9,863,317	10,176,098	10,131,332	10,114,920	10,150,083	10,254,941
12/31/2005	4,032,914	6,897,838	9,698,351	10,798,454	10,752,934	10,954,814	11,310,428	11,195,717	11,118,123	11,210,059	11,165,605
12/31/2006	4,118,288	7,991,102	12,143,269	12,860,188	12,777,964	12,975,034	12,848,267	13,060,896	12,972,185	12,886,864	12,813,754
12/31/2007	4,102,327	7,805,367	10,690,625	11,903,762	11,984,701	12,062,570	11,769,326	11,919,965	12,116,873	11,902,398	11,882,985
12/31/2008	4,034,766	7,616,099	10,989,668	11,695,921	11,492,025	11,443,616	12,120,941	11,857,037	11,913,439	11,869,198	12,033,604
12/31/2009	4,688,238	7,515,638	10,516,899	11,134,662	11,140,849	11,587,261	11,291,981	11,279,398	11,165,995	11,006,663	10,941,865
12/31/2010	4,587,101	9,381,269	11,472,678	12,840,889	13,943,374	13,994,289	13,548,619	13,404,958	13,297,191	13,174,779	
12/31/2011	4,511,215	7,061,884	10,610,877	12,695,390	12,661,749	11,638,688	11,728,586	11,507,789	11,398,868		
12/31/2012	3,387,762	7,252,074	12,865,348	12,856,255	13,101,719	12,982,240	12,656,061	12,471,057			
12/31/2013	4,000,180	9,223,943	11,294,278	12,956,977	13,071,827	13,037,182	13,279,634				
12/31/2014	5,096,138	7,859,189	11,925,736	12,349,829	12,174,727	11,560,249					
12/31/2015	4,298,913	7,713,301	11,385,982	12,137,423	12,054,672						
12/31/2016	2,908,112	7,655,730	11,103,353	12,115,610							
12/31/2017	3,891,649	7,788,966	11,023,869								
12/31/2018	4,420,937	8,796,088									
12/31/2019	5,392,704										

A.Y.E.	147 Months	159 Months	171 Months	183 Months	195 Months	207 Months	219 Months	231 Months	243 Months
12/31/2000	10,209,494	10,262,237	10,204,987	10,258,241	10,253,237	10,268,236	10,268,236	10,266,686	10,303,236
12/31/2001	9,818,357	9,822,141	9,859,183	9,902,390	9,879,026	9,848,825	9,943,870	9,949,326	
12/31/2002	11,261,882	11,292,415	11,436,649	11,437,359	11,426,321	11,470,449	11,470,449		
12/31/2003	9,810,302	9,823,349	9,862,102	9,842,101	9,842,601	9,815,600			
12/31/2004	10,319,211	10,515,671	10,451,455	10,458,456	10,484,290				
12/31/2005	11,058,866	11,015,958	10,954,617	10,939,482					
12/31/2006	12,815,753	12,808,200	12,805,200						
12/31/2007	11,907,480	11,821,151							
12/31/2008	11,956,080								

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
12/31/2000	2.203	1.257	1.186	0.983	1.033	0.955	0.996	0.985	1.004	1.000	1.004
12/31/2001	2.126	1.318	1.118	1.057	0.999	0.984	0.976	0.989	0.990	1.002	1.005
12/31/2002	2.407	1.303	1.093	1.090	1.010	1.033	1.019	1.020	1.009	1.003	0.994
12/31/2003	1.843	1.514	1.057	0.993	0.983	0.975	0.996	0.998	1.004	1.005	1.004
12/31/2004	1.510	1.384	1.121	0.995	0.949	1.032	0.996	0.998	1.003	1.010	1.006
12/31/2005	1.710	1.406	1.113	0.996	1.019	1.032	0.990	0.993	1.008	0.996	0.990
12/31/2006	1.940	1.520	1.059	0.994	1.015	0.990	1.017	0.993	0.993	0.994	1.000
12/31/2007	1.903	1.370	1.113	1.007	1.006	0.976	1.013	1.017	0.982	0.998	1.002
12/31/2008	1.888	1.443	1.064	0.983	0.996	1.059	0.978	1.005	0.996	1.014	0.994
12/31/2009	1.603	1.399	1.059	1.001	1.040	0.975	0.999	0.990	0.986	0.994	
12/31/2010	2.045	1.223	1.119	1.086	1.004	0.968	0.989	0.992	0.991		
12/31/2011	1.565	1.503	1.196	0.997	0.919	1.008	0.981	0.991			
12/31/2012	2.141	1.774	0.999	1.019	0.991	0.975	0.985				
12/31/2013	2.306	1.224	1.147	1.009	0.997	1.019					
12/31/2014	1.542	1.517	1.036	0.986	0.950						
12/31/2015	1.794	1.476	1.066	0.993							
12/31/2016	2.633	1.450	1.091								
12/31/2017	2.001	1.415									
12/31/2018	1.990										
3 Yr Mean	2.208	1.447	1.064	0.996	0.979	1.001	0.985	0.991	0.991	1.002	0.999
Best 3/5	1.928	1.447	1.064	1.000	0.979	0.986	0.985	0.996	0.990	0.996	0.999

A.Y.E.	159:147	171:159	183:171	195:183	207:195	219:207	231:219	243:231
12/31/2000	1.005	0.994	1.005	1.000	1.001	1.000	1.000	1.004
12/31/2001	1.000	1.004	1.004	0.998	0.997	1.010	1.001	1.000 *
12/31/2002	1.003	1.013	1.000	0.999	1.004	1.000	1.000 *	1.000 *
12/31/2003	1.001	1.004	0.998	1.000	0.997	0.999 *	1.000 *	1.000 *
12/31/2004	1.019	0.994	1.001	1.002	1.000 *	0.999 *	1.000 *	1.000 *
12/31/2005	0.996	0.994	0.999					
12/31/2006	0.999	1.000						
12/31/2007	0.993							
3 Yr Mean	0.996	0.996	0.999	1.000	0.999 @	1.003 @	1.001 @	1.004 @
Best 3/5	0.999	0.999	1.000	1.000	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
12/31/2015					0.979	0.986	0.985	0.996	0.990	0.996	0.999
12/31/2016				1.000	0.979	0.986	0.985	0.996	0.990	0.996	0.999
12/31/2017			1.064	1.000	0.979	0.986	0.985	0.996	0.990	0.996	0.999
12/31/2018		1.447	1.064	1.000	0.979	0.986	0.985	0.996	0.990	0.996	0.999
12/31/2019	1.928	1.447	1.064	1.000	0.979	0.986	0.985	0.996	0.990	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
12/31/2015	0.999	0.999	1.000	1.000	0.999	1.000	1.000	1.000	1.000*	0.930
12/31/2016	0.999	0.999	1.000	1.000	0.999	1.000	1.000	1.000	1.000*	0.930
12/31/2017	0.999	0.999	1.000	1.000	0.999	1.000	1.000	1.000	1.000*	0.990
12/31/2018	0.999	0.999	1.000	1.000	0.999	1.000	1.000	1.000	1.000*	1.432
12/31/2019	0.999	0.999	1.000	1.000	0.999	1.000	1.000	1.000	1.000*	2.761

* Calculated Using Modified Bondy Method
@ 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
12/31/2000	200,596	346,602	976,862	1,276,948	1,067,025	1,639,815	1,461,086	1,342,286	1,417,605	1,408,305	1,337,107
12/31/2001	341,894	717,993	931,446	983,561	925,921	1,006,703	1,264,056	1,362,273	1,314,023	1,301,223	1,208,023
12/31/2002	225,354	646,851	1,120,130	1,160,429	1,369,778	1,357,332	1,668,535	1,718,535	1,542,453	1,464,178	1,393,679
12/31/2003	319,688	867,685	1,366,084	1,255,628	1,211,547	1,314,289	1,316,395	1,340,895	1,320,895	1,320,895	1,344,495
12/31/2004	267,810	621,021	1,029,012	1,051,848	1,091,198	1,010,394	845,283	857,080	890,480	868,580	821,480
12/31/2005	666,165	1,019,464	969,246	921,235	1,102,588	946,878	1,048,432	1,050,432	1,013,532	1,152,441	1,097,866
12/31/2006	817,591	1,004,931	1,254,896	1,371,721	1,367,373	1,198,955	1,173,954	1,394,554	1,534,005	1,484,236	1,380,504
12/31/2007	289,168	836,860	810,021	946,250	1,039,501	1,152,701	1,092,343	1,085,168	1,060,864	1,060,365	1,108,415
12/31/2008	275,445	623,754	665,194	761,040	735,573	914,521	1,007,977	1,145,724	1,158,771	1,096,313	1,095,313
12/31/2009	471,789	950,400	1,069,085	1,263,752	1,084,741	1,154,076	1,098,109	1,097,244	1,038,243	1,153,243	1,138,109
12/31/2010	598,172	717,553	1,271,274	1,676,833	1,417,928	1,351,454	1,276,164	1,322,665	1,417,736	1,417,726	
12/31/2011	270,205	768,752	1,179,204	1,638,563	1,671,608	1,555,990	1,555,990	1,555,990	1,555,990		
12/31/2012	383,511	1,139,597	1,405,578	1,652,860	1,649,357	1,695,210	1,692,710	1,712,708			
12/31/2013	1,675,399	2,417,513	2,512,315	2,522,059	2,567,808	2,668,307	2,782,307				
12/31/2014	1,846,961	2,366,662	2,733,796	3,025,494	3,109,813	3,062,713					
12/31/2015	979,370	1,453,033	1,825,642	2,328,315	2,235,619						
12/31/2016	1,109,680	2,254,257	2,968,685	3,139,415							
12/31/2017	527,754	1,879,511	2,447,208								
12/31/2018	870,529	1,778,390									
12/31/2019	1,188,706										

A.Y.E.	147 Months	159 Months	171 Months	183 Months	195 Months	207 Months	219 Months	231 Months	243 Months
12/31/2000	1,354,107	1,316,105	1,286,105	1,353,605	1,348,605	1,348,605	1,349,105	1,350,155	1,349,605
12/31/2001	1,208,024	1,208,027	1,251,024	1,211,023	1,211,024	1,236,024	1,236,023	1,236,023	
12/31/2002	1,352,778	1,357,680	1,356,612	1,356,611	1,356,611	1,456,610	1,456,610		
12/31/2003	1,342,395	1,319,895	1,319,396	1,319,396	1,419,395	1,419,395			
12/31/2004	820,381	820,282	820,281	920,280	920,280				
12/31/2005	1,137,867	1,137,866	1,198,115	1,197,865					
12/31/2006	1,339,254	1,439,251	1,439,251						
12/31/2007	1,317,414	1,217,414							
12/31/2008	1,090,313								

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
12/31/2000	1.728	2.818	1.307	0.836	1.537	0.891	0.919	1.056	0.993	0.949	1.013
12/31/2001	2.100	1.297	1.056	0.941	1.087	1.256	1.078	0.965	0.990	0.928	1.000
12/31/2002	2.870	1.732	1.036	1.180	0.991	1.229	1.030	0.898	0.949	0.952	0.971
12/31/2003	2.714	1.574	0.919	0.965	1.085	1.002	1.019	0.985	1.000	1.018	0.998
12/31/2004	2.319	1.657	1.022	1.037	0.926	0.837	1.014	1.039	0.975	0.946	0.999
12/31/2005	1.530	0.951	0.950	1.197	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	0.968	0.930	0.970
12/31/2007	2.894	0.968	1.168	1.099	1.109	0.948	0.993	0.978	1.000	1.045	1.189
12/31/2008	2.265	1.066	1.144	0.967	1.243	1.102	1.137	1.011	0.946	0.999	0.995
12/31/2009	2.014	1.125	1.182	0.858	1.064	0.952	0.999	0.946	1.111	0.987	
12/31/2010	1.200	1.772	1.319	0.846	0.953	0.944	1.036	1.072	1.000		
12/31/2011	2.845	1.534	1.390	1.020	0.931	1.000	1.000	1.000			
12/31/2012	2.971	1.233	1.176	0.998	1.028	0.999	1.012				
12/31/2013	1.443	1.039	1.004	1.018	1.039	1.043					
12/31/2014	1.281	1.155	1.107	1.028	0.985						
12/31/2015	1.484	1.256	1.275	0.960							
12/31/2016	2.031	1.317	1.058								
12/31/2017	3.561	1.302									
12/31/2018	2.043										
3 Yr Mean	2.545	1.292	1.147	1.002	1.017	1.014	1.016	1.006	1.019	1.010	1.051
Best 3/5	1.853	1.238	1.114	1.012	0.989	0.984	1.016	0.996	0.989	0.980	1.010

A.Y.E.	159:147	171:159	183:171	195:183	207:195	219:207	231:219	243:231
12/31/2000	0.972	0.977	1.052	0.996	1.000	1.000	1.001	1.000
12/31/2001	1.000	1.036	0.968	1.000	1.021	1.000	1.000	1.001 *
12/31/2002	1.004	0.999	1.000	1.000	1.074	1.000	1.001 *	1.001 *
12/31/2003	0.983	1.000	1.000	1.076	1.000	1.007 *	1.001 *	1.001 *
12/31/2004	1.000	1.000	1.122	1.000	1.000 *	1.007 *	1.001 *	1.001 *
12/31/2005	1.000	1.053	1.000					
12/31/2006	1.075	1.000						
12/31/2007	0.924							
3 Yr Mean	1.000	1.018	1.041	1.025	1.032 @	1.000 @	1.001 @	1.000 @
Best 3/5	0.994	1.000	1.000	1.000	1.007 *	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
12/31/2015					0.989	0.984	1.016	0.996	0.989	0.980	1.010
12/31/2016				1.012	0.989	0.984	1.016	0.996	0.989	0.980	1.010
12/31/2017			1.114	1.012	0.989	0.984	1.016	0.996	0.989	0.980	1.010
12/31/2018		1.238	1.114	1.012	0.989	0.984	1.016	0.996	0.989	0.980	1.010
12/31/2019	1.853	1.238	1.114	1.012	0.989	0.984	1.016	0.996	0.989	0.980	1.010

A.Y.E.	147/159	159/171	171/183	183/195	195/207	207/219	219/231	231/243	243/Ult	FACTORS
12/31/2015	0.994	1.000	1.000	1.000	1.007	1.002	1.001	1.001	1.004*	0.973
12/31/2016	0.994	1.000	1.000	1.000	1.007	1.002	1.001	1.001	1.004*	0.984
12/31/2017	0.994	1.000	1.000	1.000	1.007	1.002	1.001	1.001	1.004*	1.097
12/31/2018	0.994	1.000	1.000	1.000	1.007	1.002	1.001	1.001	1.004*	1.358
12/31/2019	0.994	1.000	1.000	1.000	1.007	1.002	1.001	1.001	1.004*	2.516

* Calculated Using Modified Bondy Method
@ 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
12/31/2000	643,844	2,431,452	3,578,961	5,854,174	6,394,044	7,064,768	7,067,499	7,064,159	7,114,848	7,362,976	7,373,492
12/31/2001	558,211	1,856,091	3,689,297	5,810,923	7,200,600	7,909,890	8,510,608	8,496,738	8,559,767	8,569,994	8,542,240
12/31/2002	664,985	2,787,414	4,538,065	7,756,133	8,549,969	9,970,633	10,287,382	10,637,334	10,891,335	10,908,318	10,991,183
12/31/2003	1,043,010	2,221,347	4,668,805	7,438,984	8,290,635	8,904,390	9,533,868	9,529,891	9,401,256	9,440,277	9,492,425
12/31/2004	541,289	1,801,861	4,151,954	6,488,638	8,171,597	9,128,242	10,318,999	10,164,636	10,235,773	10,264,179	10,587,457
12/31/2005	728,569	1,319,198	3,655,956	6,037,866	7,273,289	7,943,782	8,472,072	8,676,203	8,995,840	9,287,042	9,457,581
12/31/2006	743,466	3,193,168	5,897,006	7,596,244	9,018,645	10,174,820	10,735,728	11,061,898	11,336,147	11,351,122	11,330,437
12/31/2007	799,462	2,375,331	5,141,892	8,716,390	9,718,518	10,325,847	10,590,425	10,874,455	11,055,835	11,168,546	11,197,300
12/31/2008	815,732	2,139,077	4,509,355	6,682,726	8,683,219	9,845,665	10,550,990	11,056,131	11,754,341	15,012,188	14,804,798
12/31/2009	541,159	1,879,623	4,050,348	6,338,868	8,614,865	9,187,449	9,470,536	9,692,278	9,704,391	9,821,435	9,861,032
12/31/2010	826,831	2,779,802	5,287,250	8,031,142	10,606,394	11,712,257	12,568,267	12,604,517	12,991,200	13,061,123	
12/31/2011	778,980	2,081,452	4,381,129	7,615,724	9,911,678	10,731,903	11,176,153	11,258,464	11,417,519		
12/31/2012	390,490	1,620,373	5,442,819	8,050,079	9,704,090	11,475,152	12,126,816	11,530,076			
12/31/2013	508,732	2,077,655	4,775,359	8,156,124	10,055,383	11,352,873	11,734,808				
12/31/2014	543,643	2,178,262	5,285,493	7,069,279	8,248,455	9,161,634					
12/31/2015	446,937	1,725,785	4,633,495	6,391,667	8,343,686						
12/31/2016	405,440	1,820,825	3,795,001	7,484,555							
12/31/2017	658,897	2,130,600	4,756,450								
12/31/2018	497,876	2,138,309									
12/31/2019	362,112										

A.Y.E	147 Months	159 Months	171 Months	183 Months	195 Months	207 Months	219 Months	231 Months	243 Months
12/31/2000	7,486,032	7,482,514	7,471,828	7,477,641	7,481,397	7,493,624	7,501,156	7,512,411	7,534,046
12/31/2001	8,574,704	8,563,428	8,575,788	8,645,541	8,650,188	8,660,389	8,664,277	8,665,825	
12/31/2002	11,057,454	11,241,972	11,328,090	11,430,407	11,442,012	11,700,958	11,747,193		
12/31/2003	9,603,711	9,641,345	9,718,646	9,735,412	9,750,829	9,764,259			
12/31/2004	10,770,869	10,896,981	10,947,311	10,992,156	10,947,057				
12/31/2005	9,597,891	9,825,371	9,885,629	9,760,472					
12/31/2006	11,427,248	11,425,329	11,434,777						
12/31/2007	11,194,820	11,251,444							
12/31/2008	15,025,797								

Link Ratios: 171 to Ultimate

A.Y.E	183:171	195:183	207:195	219:207	231:219	243:231	Ult:243
12/31/2000	1.001	1.001	1.002	1.001	1.002	1.003	1.004 *
12/31/2001	1.008	1.001	1.001	1.000	1.000	1.001 *	1.004 *
12/31/2002	1.009	1.001	1.023	1.004	1.001 *	1.001 *	1.004 *
12/31/2003	1.002	1.002	1.001	1.001 *	1.001 *	1.001 *	1.004 *
12/31/2004	1.004	0.996	1.000 *	1.001 *	1.001 *	1.001 *	1.004 *
12/31/2005	0.987						
Best 3/5	1.005	1.001	1.001 *	1.001 *	1.001 *	1.001 *	1.004 *

171 to Ultimate Factor: 1.014

* Calculated Using Modified Bondy Method

COMPLETED OPERATIONS (Subline Code 336)
FULL COVERAGE
MULTISTATE
BODILY INJURY - OCCURRENCE
INCURRED ACCIDENT YEAR 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
12/31/2000	1,787,608	1,147,509	2,275,213	539,870	670,724	2,731	-3,340	50,689	248,128	10,516	112,540	-3,518	-10,686
12/31/2001	1,297,880	1,833,206	2,121,626	1,389,677	709,290	600,718	-13,870	63,029	10,227	-27,754	32,464	-11,276	12,360
12/31/2002	2,122,429	1,750,651	3,218,068	793,836	1,420,664	316,749	349,952	254,001	16,983	82,865	66,271	184,518	86,118
12/31/2003	1,178,337	2,447,458	2,770,179	851,651	613,755	629,478	-3,977	-128,635	39,021	52,148	111,286	37,634	77,301
12/31/2004	1,260,572	2,350,093	2,336,684	1,682,959	956,645	1,190,757	-154,363	71,137	28,406	323,278	183,412	126,112	50,330
12/31/2005	590,629	2,336,758	2,381,910	1,235,423	670,493	528,290	204,131	319,637	291,202	170,539	140,310	227,480	60,258
12/31/2006	2,449,702	2,703,838	1,699,238	1,422,401	1,156,175	560,908	326,170	274,249	14,975	-20,685	96,811	-1,919	9,448
12/31/2007	1,575,869	2,766,561	3,574,498	1,002,128	607,329	264,578	284,030	181,380	112,711	28,754	-2,480	56,624	
12/31/2008	1,323,345	2,370,278	2,173,371	2,000,493	1,162,446	705,325	505,141	698,210	3,257,847	-207,390	220,999		
12/31/2009	1,338,464	2,170,725	2,288,520	2,275,997	572,584	283,087	221,742	12,113	117,044	39,597			
12/31/2010	1,952,971	2,507,448	2,743,892	2,575,252	1,105,863	856,010	36,250	386,683	69,923				
12/31/2011	1,302,472	2,299,677	3,234,595	2,295,954	820,225	444,250	82,311	159,055					
12/31/2012	1,229,883	3,822,446	2,607,260	1,654,011	1,771,062	651,664	-596,740						
12/31/2013	1,568,923	2,697,704	3,380,765	1,899,259	1,297,490	381,935							
12/31/2014	1,634,619	3,107,231	1,783,786	1,179,176	913,179								
12/31/2015	1,278,848	2,907,710	1,758,172	1,952,019									
12/31/2016	1,415,385	1,974,176	3,689,554										
12/31/2017	1,471,703	2,625,850											
12/31/2018	1,640,433												

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
12/31/2000	0.0940	0.0603	0.1196	0.0284	0.0353	0.0001	-0.0002	0.0027	0.0130	0.0006	0.0059	-0.0002	-0.0006
12/31/2001	0.0754	0.1064	0.1232	0.0807	0.0412	0.0349	-0.0008	0.0037	0.0006	-0.0016	0.0019	-0.0007	0.0007
12/31/2002	0.0969	0.0800	0.1470	0.0363	0.0649	0.0145	0.0160	0.0116	0.0008	0.0038	0.0030	0.0084	0.0039
12/31/2003	0.0692	0.1436	0.1626	0.0500	0.0360	0.0369	-0.0002	-0.0075	0.0023	0.0031	0.0065	0.0022	0.0045
12/31/2004	0.0719	0.1341	0.1333	0.0960	0.0546	0.0679	-0.0088	0.0041	0.0016	0.0184	0.0105	0.0072	0.0029
12/31/2005	0.0267	0.1056	0.1076	0.0558	0.0303	0.0239	0.0092	0.0144	0.0132	0.0077	0.0063	0.0103	0.0027
12/31/2006	0.0956	0.1055	0.0663	0.0555	0.0451	0.0219	0.0127	0.0107	0.0006	-0.0008	0.0038	-0.0001	0.0004
12/31/2007	0.0765	0.1343	0.1735	0.0486	0.0295	0.0128	0.0138	0.0088	0.0055	0.0014	-0.0001	0.0027	
12/31/2008	0.0598	0.1071	0.0982	0.0904	0.0525	0.0319	0.0228	0.0315	0.1472	-0.0094	0.0100		
12/31/2009	0.0622	0.1008	0.1063	0.1057	0.0266	0.0131	0.0103	0.0006	0.0054	0.0018			
12/31/2010	0.0845	0.1084	0.1187	0.1114	0.0478	0.0370	0.0016	0.0167	0.0030				
12/31/2011	0.0633	0.1117	0.1571	0.1115	0.0398	0.0216	0.0040	0.0077					
12/31/2012	0.0497	0.1546	0.1054	0.0669	0.0716	0.0264	-0.0241						
12/31/2013	0.0643	0.1105	0.1385	0.0778	0.0531	0.0156							
12/31/2014	0.0779	0.1481	0.0850	0.0562	0.0435								
12/31/2015	0.0633	0.1440	0.0871	0.0967									
12/31/2016	0.0604	0.0842	0.1574										
12/31/2017	0.0680	0.1213											
12/31/2018	0.0664												
Best 3/5	0.0659	0.1252	0.1103	0.0804	0.0482	0.0212	0.0053	0.0111	0.0046	0.0008	0.0067	0.0041	0.0032

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
12/31/2000	19,808,090	27,513,766	32,883,313	37,299,108	39,684,063	42,593,053	46,285,456	48,009,019	48,866,943	50,071,906	50,411,856
12/31/2001	21,909,043	29,846,817	35,674,447	39,122,304	42,350,495	43,668,645	44,640,677	46,870,818	48,222,285	48,773,581	48,723,579
12/31/2002	23,033,940	31,255,274	35,353,537	39,985,091	40,711,979	41,424,616	43,446,380	45,229,285	46,156,309	45,704,901	46,107,721
12/31/2003	25,487,822	30,662,205	34,739,291	35,202,326	37,681,916	38,642,405	39,153,559	40,204,403	41,417,933	41,608,388	42,045,451
12/31/2004	25,873,260	32,080,437	35,648,557	39,699,683	41,830,897	43,935,450	45,715,124	46,834,875	48,622,259	49,317,247	50,655,331
12/31/2005	23,266,575	28,632,713	32,897,088	37,194,255	39,587,655	42,114,786	44,790,066	46,138,460	47,734,613	47,935,832	48,888,175
12/31/2006	31,453,497	39,047,918	45,310,399	50,640,143	56,298,873	58,115,633	59,829,612	59,380,783	60,714,175	61,538,916	63,447,916
12/31/2007	35,488,486	43,496,756	51,811,667	54,642,563	57,281,096	59,379,407	60,415,648	62,482,631	64,206,571	66,232,367	68,877,782
12/31/2008	44,863,061	53,068,002	59,008,138	61,463,405	62,715,392	64,230,546	66,401,391	67,621,066	75,834,116	83,848,997	78,468,586
12/31/2009	48,977,514	57,599,573	63,950,614	65,234,551	67,009,019	67,782,276	68,930,461	72,177,338	77,321,257	77,654,957	78,355,281
12/31/2010	48,630,304	57,567,513	61,068,606	62,932,082	65,131,026	66,601,748	67,990,291	70,124,529	71,440,989	71,690,491	
12/31/2011	48,261,319	53,966,786	55,977,283	56,695,640	57,931,453	60,472,405	62,680,333	64,005,746	65,477,144		
12/31/2012	40,520,596	46,020,895	47,620,728	50,150,600	52,916,362	55,527,928	57,297,093	57,972,330			
12/31/2013	36,268,550	40,494,989	44,685,308	46,651,040	49,440,107	51,050,877	53,214,410				
12/31/2014	35,474,045	41,168,133	44,272,152	46,654,048	47,709,693	49,744,488					
12/31/2015	34,195,202	40,588,663	46,069,719	49,487,561	51,721,971						
12/31/2016	33,344,652	43,686,632	48,620,722	53,012,575							
12/31/2017	36,447,545	44,163,456	51,402,168								
12/31/2018	40,360,527	52,395,300									
12/31/2019	43,262,712										

A.Y.E.	147 Months	159 Months	171 Months	183 Months	195 Months	207 Months	219 Months	231 Months	243 Months
12/31/2000	50,983,064	50,877,387	50,875,280	50,896,044	50,779,404	50,649,705	50,696,219	50,698,060	50,779,702
12/31/2001	49,063,320	48,862,203	48,991,403	49,207,145	49,173,606	49,312,215	49,599,108	49,486,190	
12/31/2002	46,428,305	46,555,551	46,595,499	46,617,180	47,123,358	47,241,895	47,526,230		
12/31/2003	42,206,157	42,636,206	43,049,349	43,598,187	43,919,538	43,985,393			
12/31/2004	51,477,166	52,060,887	52,106,245	52,475,978	52,635,147				
12/31/2005	49,311,344	49,759,332	50,202,672	51,166,654					
12/31/2006	64,613,733	65,474,176	66,056,306						
12/31/2007	69,476,183	69,908,943							
12/31/2008	76,672,413								

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
12/31/2000	1.389	1.195	1.134	1.064	1.073	1.087	1.037	1.018	1.025	1.007	1.011
12/31/2001	1.362	1.195	1.097	1.083	1.031	1.022	1.050	1.029	1.011	0.999	1.007
12/31/2002	1.357	1.131	1.131	1.018	1.018	1.049	1.041	1.020	0.990	1.009	1.007
12/31/2003	1.203	1.133	1.013	1.070	1.025	1.013	1.027	1.030	1.005	1.011	1.004
12/31/2004	1.240	1.111	1.114	1.054	1.050	1.041	1.024	1.038	1.014	1.027	1.016
12/31/2005	1.231	1.149	1.131	1.064	1.064	1.064	1.030	1.035	1.004	1.020	1.009
12/31/2006	1.241	1.160	1.118	1.112	1.032	1.029	0.992	1.022	1.014	1.031	1.018
12/31/2007	1.226	1.191	1.055	1.048	1.037	1.017	1.034	1.028	1.032	1.040	1.009
12/31/2008	1.183	1.112	1.042	1.020	1.024	1.034	1.018	1.121	1.106	0.936	0.977
12/31/2009	1.176	1.110	1.020	1.027	1.012	1.017	1.047	1.071	1.004	1.009	
12/31/2010	1.184	1.061	1.031	1.035	1.023	1.021	1.031	1.019	1.003		
12/31/2011	1.118	1.037	1.013	1.022	1.044	1.037	1.021	1.023			
12/31/2012	1.136	1.035	1.053	1.055	1.049	1.032	1.012				
12/31/2013	1.117	1.103	1.044	1.060	1.033	1.042					
12/31/2014	1.161	1.075	1.054	1.023	1.043						
12/31/2015	1.187	1.135	1.074	1.045							
12/31/2016	1.310	1.113	1.090								
12/31/2017	1.212	1.164									
12/31/2018	1.298										
3 Yr Mean	1.273	1.137	1.073	1.043	1.042	1.037	1.021	1.038	1.038	0.995	1.001
Best 3/5	1.232	1.117	1.060	1.041	1.040	1.030	1.023	1.041	1.017	1.020	1.011

A.Y.E.	159:147	171:159	183:171	195:183	207:195	219:207	231:219	243:231
12/31/2000	0.998	1.000	1.000	0.998	0.997	1.001	1.000	1.002
12/31/2001	0.996	1.003	1.004	0.999	1.003	1.006	0.998	1.001 *
12/31/2002	1.003	1.001	1.000	1.011	1.003	1.006	1.003 *	1.001 *
12/31/2003	1.010	1.010	1.013	1.007	1.001	1.001 *	1.003 *	1.001 *
12/31/2004	1.011	1.001	1.007	1.003	1.001 *	1.001 *	1.003 *	1.001 *
12/31/2005	1.009	1.009	1.019					
12/31/2006	1.013	1.009						
12/31/2007	1.006							
3 Yr Mean	1.009	1.006	1.013	1.007	1.002 @	1.004 @	0.999 @	1.002 @
Best 3/5	1.010	1.006	1.008	1.003	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
12/31/2015					1.040	1.030	1.023	1.041	1.017	1.020	1.011
12/31/2016				1.041	1.040	1.030	1.023	1.041	1.017	1.020	1.011
12/31/2017			1.060	1.041	1.040	1.030	1.023	1.041	1.017	1.020	1.011
12/31/2018		1.117	1.060	1.041	1.040	1.030	1.023	1.041	1.017	1.020	1.011
12/31/2019	1.232	1.117	1.060	1.041	1.040	1.030	1.023	1.041	1.017	1.020	1.011

A.Y.E.	147/159	159/171	171/183	183/195	195/207	207/219	219/231	231/243	243/Ult	FACTORS
12/31/2015	1.010	1.006	1.008	1.003	1.002	1.003	1.002	1.001	1.001*	1.240
12/31/2016	1.010	1.006	1.008	1.003	1.002	1.003	1.002	1.001	1.001*	1.291
12/31/2017	1.010	1.006	1.008	1.003	1.002	1.003	1.002	1.001	1.001*	1.368
12/31/2018	1.010	1.006	1.008	1.003	1.002	1.003	1.002	1.001	1.001*	1.528
12/31/2019	1.010	1.006	1.008	1.003	1.002	1.003	1.002	1.001	1.001*	1.883

* Calculated Using Modified Bondy Method
@ Three year mean Excludes Modified Bondy ratios

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                        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:
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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
12/31/2000	3,110,566	4,932,427	6,831,157	9,015,250	11,306,631	14,086,885	16,171,641	17,956,827	18,777,973	21,050,584	22,803,202
12/31/2001	3,489,097	5,526,504	7,581,604	10,294,575	13,581,290	16,815,565	21,563,607	22,972,910	25,465,689	25,537,377	27,074,587
12/31/2002	3,869,547	5,266,889	7,634,451	9,448,387	11,115,022	13,703,839	15,356,116	17,226,965	19,460,727	19,390,207	19,372,934
12/31/2003	4,151,510	6,018,111	7,594,180	8,333,617	9,667,188	10,268,702	11,268,578	11,961,965	12,636,940	13,486,959	13,405,243
12/31/2004	5,713,030	7,273,617	9,072,099	9,610,483	10,285,041	11,289,209	11,825,510	13,002,517	13,363,273	13,776,819	13,846,045
12/31/2005	6,296,515	8,701,064	9,375,398	9,986,408	11,286,387	11,720,149	12,109,484	12,779,633	13,388,177	13,202,366	13,523,890
12/31/2006	7,507,229	8,962,205	10,025,912	10,565,337	10,646,130	11,477,526	12,178,651	12,647,071	12,909,501	13,700,371	14,350,399
12/31/2007	9,298,561	11,418,052	11,859,475	12,270,316	12,694,397	13,189,571	14,291,579	14,986,763	15,640,150	16,888,743	16,946,572
12/31/2008	8,708,416	11,425,136	13,610,880	13,751,059	14,609,021	15,447,772	16,418,618	16,909,427	17,698,751	17,838,043	18,373,791
12/31/2009	7,936,132	10,248,930	11,588,943	12,368,204	13,351,311	14,588,864	15,599,355	16,034,889	16,601,788	17,153,056	17,504,711
12/31/2010	8,904,290	10,536,324	10,739,898	11,605,270	12,335,135	12,551,916	12,967,656	13,890,332	14,147,671	14,335,409	
12/31/2011	8,404,568	10,335,323	11,326,642	11,434,548	12,190,531	12,880,043	13,361,935	13,803,680	13,715,936		
12/31/2012	7,691,078	9,085,628	9,766,402	10,190,379	11,585,794	12,221,772	12,485,104	13,465,344			
12/31/2013	10,290,474	12,132,459	12,805,200	13,636,881	14,217,651	14,894,818	15,589,721				
12/31/2014	10,475,019	12,362,690	14,118,741	15,606,041	16,371,177	17,310,083					
12/31/2015	12,365,417	15,339,247	16,177,333	16,808,450	18,126,155						
12/31/2016	13,146,303	15,120,444	17,669,230	18,933,815							
12/31/2017	11,689,536	14,174,033	17,172,970								
12/31/2018	12,577,707	15,632,745									
12/31/2019	10,402,615										

A.Y.E.	147 Months	159 Months	171 Months	183 Months	195 Months	207 Months	219 Months	231 Months	243 Months
12/31/2000	23,375,460	23,574,956	23,492,890	23,465,678	23,241,199	23,070,654	23,120,927	23,116,453	22,993,951
12/31/2001	27,235,245	27,313,533	26,934,975	26,843,100	26,661,193	26,724,440	26,656,890	26,638,890	
12/31/2002	19,691,678	19,493,471	19,197,635	18,967,507	19,046,399	19,042,195	19,077,196		
12/31/2003	13,251,727	13,452,297	13,105,805	13,057,111	13,002,105	13,002,105			
12/31/2004	13,771,549	13,916,033	13,945,610	13,934,004	13,865,077				
12/31/2005	14,022,392	14,226,708	14,405,340	14,438,221					
12/31/2006	14,448,083	14,568,609	14,847,984						
12/31/2007	17,093,783	17,323,806							
12/31/2008	18,571,376								

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
12/31/2000	1.586	1.385	1.320	1.254	1.246	1.148	1.110	1.046	1.121	1.083	1.025
12/31/2001	1.584	1.372	1.358	1.319	1.238	1.282	1.065	1.109	1.003	1.060	1.006
12/31/2002	1.361	1.450	1.238	1.176	1.233	1.121	1.122	1.130	0.996	0.999	1.016
12/31/2003	1.450	1.262	1.097	1.160	1.062	1.097	1.062	1.056	1.067	0.994	0.989
12/31/2004	1.273	1.247	1.059	1.070	1.098	1.048	1.100	1.028	1.031	1.005	0.995
12/31/2005	1.382	1.078	1.065	1.130	1.038	1.033	1.055	1.048	0.986	1.024	1.037
12/31/2006	1.194	1.119	1.054	1.008	1.078	1.061	1.038	1.021	1.061	1.047	1.007
12/31/2007	1.228	1.039	1.035	1.035	1.039	1.084	1.049	1.044	1.080	1.003	1.009
12/31/2008	1.312	1.191	1.010	1.062	1.057	1.063	1.030	1.047	1.008	1.030	1.011
12/31/2009	1.291	1.131	1.067	1.079	1.093	1.069	1.028	1.035	1.033	1.021	
12/31/2010	1.183	1.019	1.081	1.063	1.018	1.033	1.071	1.019	1.013		
12/31/2011	1.230	1.096	1.010	1.066	1.057	1.037	1.033	0.994			
12/31/2012	1.181	1.075	1.043	1.137	1.055	1.022	1.079				
12/31/2013	1.179	1.055	1.065	1.043	1.048	1.047					
12/31/2014	1.180	1.142	1.105	1.049	1.057						
12/31/2015	1.240	1.055	1.039	1.078							
12/31/2016	1.150	1.169	1.072								
12/31/2017	1.213	1.212									
12/31/2018	1.243										
3 Yr Mean	1.202	1.145	1.072	1.057	1.053	1.035	1.061	1.016	1.018	1.018	1.009
Best 3/5	1.211	1.122	1.060	1.064	1.053	1.039	1.045	1.033	1.036	1.025	1.009

A.Y.E.	159:147	171:159	183:171	195:183	207:195	219:207	231:219	243:231
12/31/2000	1.009	0.997	0.999	0.990	0.993	1.002	1.000	0.995
12/31/2001	1.003	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	1.000 *	1.000 *
12/31/2003	1.015	0.974	0.996	0.996	1.000	0.999 *	1.000 *	1.000 *
12/31/2004	1.010	1.002	0.999	0.995	0.995 *	0.999 *	1.000 *	1.000 *
12/31/2005	1.015	1.013	1.002					
12/31/2006	1.008	1.019						
12/31/2007	1.013							
3 Yr Mean	1.012	1.011	0.999	0.998	1.001 @	1.000 @	1.000 @	0.995 @
Best 3/5	1.013	1.000	0.997	0.995	0.998 *	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
12/31/2015					1.053	1.039	1.045	1.033	1.036	1.025	1.009
12/31/2016				1.064	1.053	1.039	1.045	1.033	1.036	1.025	1.009
12/31/2017			1.060	1.064	1.053	1.039	1.045	1.033	1.036	1.025	1.009
12/31/2018		1.122	1.060	1.064	1.053	1.039	1.045	1.033	1.036	1.025	1.009
12/31/2019	1.211	1.122	1.060	1.064	1.053	1.039	1.045	1.033	1.036	1.025	1.009

A.Y.E.	147/159	159/171	171/183	183/195	195/207	207/219	219/231	231/243	243/Ult	FACTORS
12/31/2015	1.013	1.000	0.997	0.995	0.998	1.000	1.000	1.000	1.000*	1.269
12/31/2016	1.013	1.000	0.997	0.995	0.998	1.000	1.000	1.000	1.000*	1.350
12/31/2017	1.013	1.000	0.997	0.995	0.998	1.000	1.000	1.000	1.000*	1.431
12/31/2018	1.013	1.000	0.997	0.995	0.998	1.000	1.000	1.000	1.000*	1.606
12/31/2019	1.013	1.000	0.997	0.995	0.998	1.000	1.000	1.000	1.000*	1.945

   * Calculated Using Modified Bondy Method
   @ 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
12/31/2000	1,757,953	4,056,566	7,874,976	12,681,444	16,474,294	21,051,181	27,039,720	31,029,917	32,792,010	35,408,090	37,303,469
12/31/2001	3,224,507	6,541,943	12,453,523	18,086,151	23,307,618	28,895,037	34,992,799	39,042,880	42,273,519	44,282,682	45,352,211
12/31/2002	2,486,909	6,530,760	12,627,227	17,762,886	21,866,991	24,870,352	27,432,836	29,737,653	32,945,489	34,622,061	35,369,027
12/31/2003	3,439,439	6,588,087	12,290,831	16,576,239	20,881,963	24,801,289	26,886,488	29,392,224	31,401,041	33,323,038	34,883,378
12/31/2004	2,803,912	6,122,669	12,034,520	18,193,748	22,376,079	26,592,351	29,793,886	33,765,877	38,262,620	41,569,963	45,158,806
12/31/2005	2,015,444	6,342,051	11,665,463	17,215,003	22,179,840	27,844,627	31,210,751	35,393,310	39,900,046	43,547,370	45,385,271
12/31/2006	3,888,998	8,717,311	15,996,576	23,161,903	30,011,287	36,028,023	42,163,407	45,758,269	52,237,766	55,098,044	58,041,626
12/31/2007	4,454,730	9,060,203	17,105,276	23,482,644	29,502,366	35,740,087	40,289,846	45,207,161	49,352,018	53,063,540	55,992,141
12/31/2008	5,245,589	12,536,823	20,844,613	31,071,907	39,900,284	45,728,684	49,417,791	52,459,198	56,321,088	58,111,890	60,082,213
12/31/2009	7,474,944	15,526,182	26,943,689	38,649,250	47,416,250	53,417,224	57,828,371	63,074,607	65,405,140	68,313,092	70,848,513
12/31/2010	6,206,235	14,316,208	25,133,928	36,265,652	42,976,323	48,175,789	52,000,521	54,010,985	56,741,827	57,409,049	
12/31/2011	7,191,634	14,070,707	21,378,389	27,721,971	32,494,691	37,606,867	42,058,306	44,271,651	45,998,954		
12/31/2012	5,475,801	11,595,832	18,697,735	26,187,339	34,348,039	38,433,137	40,272,099	42,579,926			
12/31/2013	4,590,339	11,502,861	17,566,744	26,010,928	31,860,244	34,572,575	36,418,699				
12/31/2014	4,431,066	10,481,012	17,291,177	23,457,452	27,756,815	31,770,027					
12/31/2015	5,213,249	10,893,995	17,597,591	23,873,540	29,209,371						
12/31/2016	5,464,428	12,576,603	21,153,940	30,172,631							
12/31/2017	4,431,992	10,069,411	18,838,610								
12/31/2018	4,380,045	12,565,623									
12/31/2019	5,902,316										

A.Y.E	147 Months	159 Months	171 Months	183 Months	195 Months	207 Months	219 Months	231 Months	243 Months
12/31/2000	39,389,430	39,489,800	39,390,238	39,672,253	40,056,575	40,138,720	40,014,326	40,025,414	40,005,969
12/31/2001	46,147,996	46,443,267	46,681,409	47,123,268	47,669,996	47,827,488	48,129,260	47,916,430	
12/31/2002	36,653,784	38,072,564	38,605,281	39,537,816	40,278,553	40,662,107	40,600,969		
12/31/2003	36,576,165	37,156,629	38,080,469	38,829,954	39,023,468	39,666,698			
12/31/2004	48,924,920	51,232,690	52,123,847	52,402,139	52,552,558				
12/31/2005	46,415,092	47,638,460	48,023,070	48,870,610					
12/31/2006	59,460,174	60,774,158	60,991,955						
12/31/2007	57,450,448	58,391,227							
12/31/2008	61,820,765								

Link Ratios: 171 to Ultimate

A.Y.E	183:171	195:183	207:195	219:207	231:219	243:231	Ult:243
12/31/2000	1.007	1.010	1.002	0.997	1.000	1.000	1.000 *
12/31/2001	1.009	1.012	1.003	1.006	0.996	1.000 *	1.000 *
12/31/2002	1.024	1.019	1.010	0.998	1.001 *	1.000 *	1.000 *
12/31/2003	1.020	1.005	1.016	1.004 *	1.001 *	1.000 *	1.000 *
12/31/2004	1.005	1.003	1.005 *	1.004 *	1.001 *	1.000 *	1.000 *
12/31/2005	1.018						
Best 3/5	1.016	1.009	1.006 *	1.002 *	1.001 *	1.000 *	1.000 *

171 to Ultimate Factor: 1.034

* Calculated Using Modified Bondy Method

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                    COMPLETED OPERATIONS (Subline Code 336)
                              FULL COVERAGE
                               MULTISTATE
                       PROPERTY DAMAGE - OCCURRENCE
                   INCURRED ACCIDENT YEAR  ALAE DEVELOPMENT
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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
12/31/2000	2,298,613	3,818,410	4,806,468	3,792,850	4,576,887	5,988,539	3,990,197	1,762,093	2,616,080	1,895,379	2,085,961	100,370	-99,562
12/31/2001	3,317,436	5,911,580	5,632,628	5,221,467	5,587,419	6,097,762	4,050,081	3,230,639	2,009,163	1,069,529	795,785	295,271	238,142
12/31/2002	4,043,851	6,096,467	5,135,659	4,104,105	3,003,361	2,562,484	2,304,817	3,207,836	1,676,572	746,966	1,284,757	1,418,780	532,717
12/31/2003	3,148,648	5,702,744	4,285,408	4,305,724	3,919,326	2,085,199	2,505,736	2,008,817	1,921,997	1,560,340	1,692,787	580,464	923,840
12/31/2004	3,318,757	5,911,851	6,159,228	4,182,331	4,216,272	3,201,535	3,971,991	4,496,743	3,307,343	3,588,843	3,766,114	2,307,770	891,157
12/31/2005	4,326,607	5,323,412	5,549,540	4,964,837	5,664,787	3,366,124	4,182,559	4,506,712	3,647,324	1,837,901	1,029,821	1,223,368	384,610
12/31/2006	4,828,313	7,279,265	7,165,327	6,849,384	6,016,736	6,135,384	3,594,862	6,479,497	2,860,278	2,943,582	1,418,548	1,313,984	217,797
12/31/2007	4,605,473	8,045,073	6,377,368	6,019,722	6,237,721	4,549,759	4,917,315	4,144,857	3,711,522	2,928,601	1,458,307	940,779	
12/31/2008	7,291,234	8,307,790	10,227,294	8,828,377	5,828,400	3,689,107	3,041,407	3,861,890	1,790,802	1,970,323	1,738,552		
12/31/2009	8,051,238	11,417,507	11,705,561	8,767,000	6,000,974	4,411,147	5,246,236	2,330,533	2,907,952	2,535,421			
12/31/2010	8,109,973	10,817,720	11,131,724	6,710,671	5,199,466	3,824,732	2,010,464	2,730,842	667,222				
12/31/2011	6,879,073	7,307,682	6,343,582	4,772,720	5,112,176	4,451,439	2,213,345	1,727,303					
12/31/2012	6,120,031	7,101,903	7,489,604	8,160,700	4,085,098	1,838,962	2,307,827						
12/31/2013	6,912,522	6,063,883	8,444,184	5,849,316	2,712,331	1,846,124							
12/31/2014	6,049,946	6,810,165	6,166,275	4,299,363	4,013,212								
12/31/2015	5,680,746	6,703,596	6,275,949	5,335,831									
12/31/2016	7,112,175	8,577,337	9,018,691										
12/31/2017	5,637,419	8,769,199											
12/31/2018	8,185,578												

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
12/31/2000	0.0318	0.0528	0.0665	0.0524	0.0633	0.0828	0.0552	0.0244	0.0362	0.0262	0.0288	0.0014	-0.0014
12/31/2001	0.0467	0.0831	0.0792	0.0734	0.0786	0.0858	0.0570	0.0454	0.0283	0.0150	0.0112	0.0042	0.0033
12/31/2002	0.0586	0.0884	0.0745	0.0595	0.0435	0.0372	0.0334	0.0465	0.0243	0.0108	0.0186	0.0206	0.0077
12/31/2003	0.0510	0.0924	0.0695	0.0698	0.0635	0.0338	0.0406	0.0326	0.0312	0.0253	0.0274	0.0094	0.0150
12/31/2004	0.0424	0.0755	0.0787	0.0534	0.0539	0.0409	0.0508	0.0575	0.0423	0.0459	0.0481	0.0295	0.0114
12/31/2005	0.0604	0.0744	0.0775	0.0694	0.0791	0.0470	0.0584	0.0630	0.0510	0.0257	0.0144	0.0171	0.0054
12/31/2006	0.0502	0.0757	0.0745	0.0712	0.0626	0.0638	0.0374	0.0674	0.0298	0.0306	0.0148	0.0137	0.0023
12/31/2007	0.0462	0.0807	0.0640	0.0604	0.0626	0.0457	0.0493	0.0416	0.0372	0.0294	0.0146	0.0094	
12/31/2008	0.0655	0.0747	0.0919	0.0793	0.0524	0.0332	0.0273	0.0347	0.0161	0.0177	0.0156		
12/31/2009	0.0686	0.0973	0.0998	0.0747	0.0512	0.0376	0.0447	0.0199	0.0248	0.0216			
12/31/2010	0.0756	0.1008	0.1037	0.0625	0.0485	0.0356	0.0187	0.0254	0.0062				
12/31/2011	0.0700	0.0744	0.0645	0.0486	0.0520	0.0453	0.0225	0.0176					
12/31/2012	0.0677	0.0785	0.0828	0.0903	0.0452	0.0203	0.0255						
12/31/2013	0.0794	0.0696	0.0970	0.0672	0.0311	0.0212							
12/31/2014	0.0714	0.0803	0.0727	0.0507	0.0473								
12/31/2015	0.0592	0.0698	0.0654	0.0556									
12/31/2016	0.0741	0.0894	0.0940										
12/31/2017	0.0572	0.0890											
12/31/2018	0.0683												
Best 3/5	0.0663	0.0797	0.0832	0.0578	0.0470	0.0315	0.0251	0.0267	0.0235	0.0256	0.0150	0.0134	0.0082

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
12/31/2000	6,003,416	7,694,200	8,540,387	9,782,857	8,936,867	8,897,430	8,863,506	8,920,694	8,836,806	8,850,539	8,833,864
12/31/2001	6,260,753	7,848,737	9,034,285	9,404,968	9,288,761	9,587,373	9,634,966	9,522,079	9,567,040	9,533,919	9,582,339
12/31/2002	6,696,271	7,908,616	9,404,611	10,634,272	10,583,447	10,485,693	10,286,297	10,269,678	10,269,878	10,266,056	10,372,057
12/31/2003	4,782,122	6,687,613	9,196,607	9,807,545	10,308,788	10,219,039	10,002,339	9,896,156	9,909,334	9,994,371	9,875,435
12/31/2004	5,821,307	7,142,281	8,478,795	9,165,644	8,940,369	8,675,279	8,748,441	8,591,927	8,630,919	8,652,348	8,623,883
12/31/2005	6,275,659	6,705,396	8,319,484	8,467,644	8,356,855	8,298,491	8,286,624	8,325,497	8,218,377	8,197,246	8,197,097
12/31/2006	5,342,988	6,549,720	8,048,086	8,075,534	7,863,619	7,640,220	7,453,148	7,462,564	7,524,064	7,524,064	7,524,064
12/31/2007	5,244,230	6,049,992	7,468,913	7,396,881	7,612,806	7,498,295	7,345,838	7,123,450	7,013,841	7,028,838	7,028,838
12/31/2008	5,600,378	6,867,080	7,840,579	7,629,512	7,370,073	7,493,419	7,516,336	7,397,585	7,397,585	7,446,585	7,446,585
12/31/2009	6,388,755	7,181,784	8,749,415	8,868,186	8,773,672	8,765,522	8,693,925	8,717,681	8,721,240	8,721,240	8,716,679
12/31/2010	7,135,395	8,618,347	10,330,310	10,459,308	10,756,304	10,591,268	10,546,652	10,544,708	10,544,708	10,538,987	
12/31/2011	6,805,548	7,855,162	8,753,462	9,259,141	9,092,658	8,944,064	8,882,255	8,754,582	8,793,025		
12/31/2012	4,779,759	6,073,468	7,247,185	7,495,742	7,541,915	7,492,376	7,439,759	7,390,798			
12/31/2013	5,287,497	6,305,432	7,107,232	7,098,974	6,982,343	6,989,417	7,083,616				
12/31/2014	4,876,394	5,892,210	6,253,902	6,415,175	6,412,082	6,517,520					
12/31/2015	5,166,783	5,488,209	6,117,286	6,585,538	6,483,126						
12/31/2016	3,952,537	5,249,400	6,824,538	6,729,246							
12/31/2017	4,160,103	5,677,268	6,497,011								
12/31/2018	3,856,296	5,182,912									
12/31/2019	4,253,514										

A.Y.E.	147 Months	159 Months	171 Months	183 Months	195 Months	207 Months	219 Months	231 Months	243 Months
12/31/2000	8,930,364	8,856,009	8,892,304	8,928,804	8,918,552	8,898,802	9,023,802	8,993,802	9,043,802
12/31/2001	9,588,098	9,587,098	9,628,998	9,586,098	9,566,463	9,542,223	9,649,223	9,645,363	
12/31/2002	10,345,119	10,358,118	10,365,648	10,485,647	10,385,648	10,390,649	10,387,523		
12/31/2003	9,864,435	9,854,436	9,854,435	9,864,435	9,857,240	9,857,240			
12/31/2004	8,626,382	8,624,739	8,624,739	8,624,739	8,624,739				
12/31/2005	8,204,521	8,196,054	8,198,054	8,198,425					
12/31/2006	7,524,064	7,524,064	7,524,503						
12/31/2007	7,028,838	7,029,276							
12/31/2008	7,447,024								

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
12/31/2000	1.282	1.110	1.145	0.914	0.996	0.996	1.006	0.991	1.002	0.998	1.011
12/31/2001	1.254	1.151	1.041	0.988	1.032	1.005	0.988	1.005	0.997	1.005	1.001
12/31/2002	1.181	1.189	1.131	0.995	0.991	0.981	0.998	1.000	1.000	1.010	0.997
12/31/2003	1.398	1.375	1.066	1.051	0.991	0.979	0.989	1.001	1.009	0.988	0.999
12/31/2004	1.227	1.187	1.081	0.975	0.970	1.008	0.982	1.005	1.002	0.997	1.000
12/31/2005	1.068	1.241	1.018	0.987	0.993	0.999	1.005	0.987	0.997	1.000	1.001
12/31/2006	1.226	1.229	1.003	0.974	0.972	0.976	1.001	1.008	1.000	1.000	1.000
12/31/2007	1.154	1.235	0.990	1.029	0.985	0.980	0.970	0.985	1.002	1.000	1.000
12/31/2008	1.226	1.142	0.973	0.966	1.017	1.003	0.984	1.000	1.007	1.000	1.000
12/31/2009	1.124	1.218	1.014	0.989	0.999	0.992	1.003	1.000	1.000	0.999	
12/31/2010	1.208	1.199	1.012	1.028	0.985	0.996	1.000	1.000	0.999		
12/31/2011	1.154	1.114	1.058	0.982	0.984	0.993	0.986	1.004			
12/31/2012	1.271	1.193	1.034	1.006	0.993	0.993	0.993				
12/31/2013	1.193	1.127	0.999	0.984	1.001	1.013					
12/31/2014	1.208	1.061	1.026	1.000	1.016						
12/31/2015	1.062	1.115	1.077	0.984							
12/31/2016	1.328	1.300	0.986								
12/31/2017	1.365	1.144									
12/31/2018	1.344										
3 Yr Mean	1.346	1.186	1.030	0.989	1.003	1.000	0.993	1.001	1.002	1.000	1.000
Best 3/5	1.293	1.129	1.020	0.989	0.993	0.994	0.993	1.000	1.001	1.000	1.000

A.Y.E.	159:147	171:159	183:171	195:183	207:195	219:207	231:219	243:231
12/31/2000	0.992	1.004	1.004	0.999	0.998	1.014	0.997	1.006
12/31/2001	1.000	1.004	0.996	0.998	0.997	1.011	1.000	1.001 *
12/31/2002	1.001	1.001	1.012	0.990	1.000	1.000	1.003 *	1.001 *
12/31/2003	0.999	1.000	1.001	0.999	1.000	0.999 *	1.003 *	1.001 *
12/31/2004	1.000	1.000	1.000	1.000	0.999 *	0.999 *	1.003 *	1.001 *
12/31/2005	0.999	1.000	1.000					
12/31/2006	1.000	1.000						
12/31/2007	1.000							
3 Yr Mean	1.000	1.000	1.000	0.996	0.999 @	1.008 @	0.999 @	1.006 @
Best 3/5	1.000	1.000	1.000	0.999	0.999 *	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
12/31/2015					0.993	0.994	0.993	1.000	1.001	1.000	1.000
12/31/2016				0.989	0.993	0.994	0.993	1.000	1.001	1.000	1.000
12/31/2017			1.020	0.989	0.993	0.994	0.993	1.000	1.001	1.000	1.000
12/31/2018		1.129	1.020	0.989	0.993	0.994	0.993	1.000	1.001	1.000	1.000
12/31/2019	1.293	1.129	1.020	0.989	0.993	0.994	0.993	1.000	1.001	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
12/31/2015	1.000	1.000	1.000	0.999	0.999	1.003	1.002	1.001	1.001*	0.986
12/31/2016	1.000	1.000	1.000	0.999	0.999	1.003	1.002	1.001	1.001*	0.975
12/31/2017	1.000	1.000	1.000	0.999	0.999	1.003	1.002	1.001	1.001*	0.995
12/31/2018	1.000	1.000	1.000	0.999	0.999	1.003	1.002	1.001	1.001*	1.123
12/31/2019	1.000	1.000	1.000	0.999	0.999	1.003	1.002	1.001	1.001*	1.452

* Calculated Using Modified Bondy Method
@ 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
12/31/2000	307,947	522,538	548,144	470,582	495,582	487,426	483,426	484,426	484,426	483,426	518,426
12/31/2001	278,108	352,647	423,736	497,128	463,128	463,128	453,128	453,128	453,128	466,532	466,532
12/31/2002	396,353	421,131	375,361	483,852	474,098	435,359	435,358	435,358	435,358	435,358	435,358
12/31/2003	117,923	247,091	212,216	266,930	184,537	118,752	117,252	92,151	92,151	92,151	92,151
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	643,891	761,839	1,111,308	1,006,815	901,847	985,264	985,263	985,313	985,313	985,942	985,942
12/31/2006	418,771	865,598	844,642	721,113	743,571	743,014	743,014	743,014	743,014	743,014	743,014
12/31/2007	356,809	468,326	750,395	792,104	741,935	732,035	732,035	763,035	763,035	763,035	757,035
12/31/2008	526,684	422,912	537,374	427,853	351,603	368,464	367,964	367,964	367,964	367,964	367,964
12/31/2009	282,839	293,410	307,353	245,369	437,719	438,719	438,619	438,619	438,619	438,619	438,619
12/31/2010	430,140	332,606	295,973	283,473	289,473	289,473	289,473	283,473	283,473	283,473	
12/31/2011	423,952	633,662	867,478	857,128	864,628	848,229	934,729	934,729	934,774		
12/31/2012	326,481	435,311	376,201	400,369	485,565	489,369	489,369	489,369			
12/31/2013	380,760	640,789	672,182	828,320	844,087	843,635	843,635				
12/31/2014	912,269	928,506	883,658	1,154,421	1,104,421	1,088,421					
12/31/2015	406,162	569,654	628,440	714,804	724,134						
12/31/2016	303,321	438,584	585,396	573,416							
12/31/2017	372,726	934,827	856,443								
12/31/2018	382,104	499,796									
12/31/2019	326,762										

A.Y.E.	147 Months	159 Months	171 Months	183 Months	195 Months	207 Months	219 Months	231 Months	243 Months
12/31/2000	501,526	502,027	568,361	557,345	563,467	562,509	558,508	539,171	539,271
12/31/2001	466,532	463,728	505,382	505,382	480,070	475,869	559,723	608,028	
12/31/2002	435,358	435,358	435,358	427,858	427,858	427,858	427,858		
12/31/2003	92,151	92,151	92,151	92,151	98,776	98,777			
12/31/2004	823,893	823,890	823,890	823,890	823,890				
12/31/2005	985,942	985,942	985,942	985,942					
12/31/2006	743,014	743,044	743,044						
12/31/2007	757,035	757,035							
12/31/2008	367,964								

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
12/31/2000	1.697	1.049	0.859	1.053	0.984	0.992	1.002	1.000	0.998	1.072	0.967
12/31/2001	1.268	1.202	1.173	0.932	1.000	0.978	1.000	1.000	1.030	1.000	1.000
12/31/2002	1.063	0.891	1.289	0.980	0.918	1.000	1.000	1.000	1.000	1.000	1.000
12/31/2003	2.095	0.859	1.258	0.691	0.644	0.987	0.786	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	1.183	1.459	0.906	0.896	1.092	1.000	1.000	1.000	1.001	1.000	1.000
12/31/2006	2.067	0.976	0.854	1.031	0.999	1.000	1.000	1.000	1.000	1.000	1.000
12/31/2007	1.313	1.602	1.056	0.937	0.987	1.000	1.042	1.000	1.000	0.992	1.000
12/31/2008	0.803	1.271	0.796	0.822	1.048	0.999	1.000	1.000	1.000	1.000	1.000
12/31/2009	1.037	1.048	0.798	1.784	1.002	1.000	1.000	1.000	1.000	1.000	
12/31/2010	0.773	0.890	0.958	1.021	1.000	1.000	0.979	1.000	1.000		
12/31/2011	1.495	1.369	0.988	1.009	0.981	1.102	1.000	1.000			
12/31/2012	1.333	0.864	1.064	1.213	1.008	1.000	1.000				
12/31/2013	1.683	1.049	1.232	1.019	0.999	1.000					
12/31/2014	1.018	0.952	1.306	0.957	0.986						
12/31/2015	1.403	1.103	1.137	1.013							
12/31/2016	1.446	1.335	0.980								
12/31/2017	2.508	0.916									
12/31/2018	1.308										
3 Yr Mean	1.754	1.118	1.141	0.996	0.998	1.034	0.993	1.000	1.000	0.997	1.000
Best 3/5	1.386	1.035	1.144	1.014	0.995	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
12/31/2000	1.001	1.132	0.981	1.011	0.998	0.993	0.965	1.000
12/31/2001	0.994	1.090	1.000	0.950	0.991	1.176	1.086	0.999 *
12/31/2002	1.000	1.000	0.983	1.000	1.000	1.000	0.999 *	0.999 *
12/31/2003	1.000	1.000	1.000	1.072	1.000	0.999 *	0.999 *	0.999 *
12/31/2004	1.000	1.000	1.000	1.000	1.004 *	0.999 *	0.999 *	0.999 *
12/31/2005	1.000	1.000	1.000					
12/31/2006	1.000	1.000						
12/31/2007	1.000							
3 Yr Mean	1.000	1.000	1.000	1.024	0.997 @	1.056 @	1.026 @	1.000 @
Best 3/5	1.000	1.000	1.000	1.004	0.999 *	0.999 *	0.999 *	0.999 *

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
12/31/2015					0.995	1.000	1.000	1.000	1.000	1.000	1.000
12/31/2016				1.014	0.995	1.000	1.000	1.000	1.000	1.000	1.000
12/31/2017			1.144	1.014	0.995	1.000	1.000	1.000	1.000	1.000	1.000
12/31/2018		1.035	1.144	1.014	0.995	1.000	1.000	1.000	1.000	1.000	1.000
12/31/2019	1.386	1.035	1.144	1.014	0.995	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
12/31/2015	1.000	1.000	1.000	1.004	0.999	0.999	0.999	0.999	0.996*	0.991
12/31/2016	1.000	1.000	1.000	1.004	0.999	0.999	0.999	0.999	0.996*	1.005
12/31/2017	1.000	1.000	1.000	1.004	0.999	0.999	0.999	0.999	0.996*	1.150
12/31/2018	1.000	1.000	1.000	1.004	0.999	0.999	0.999	0.999	0.996*	1.190
12/31/2019	1.000	1.000	1.000	1.004	0.999	0.999	0.999	0.999	0.996*	1.649

   * Calculated Using Modified Bondy Method
   @ 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
12/31/2000	1,131,849	1,400,201	2,240,526	3,231,862	3,863,672	4,206,592	4,344,330	4,289,178	4,329,825	4,348,017	4,373,688
12/31/2001	942,209	2,072,218	3,377,804	4,189,273	5,283,324	5,781,399	6,685,071	6,936,612	7,190,058	7,026,753	7,182,918
12/31/2002	1,608,961	2,432,521	3,826,509	4,547,256	5,574,678	5,886,447	5,988,246	6,127,049	6,189,230	6,192,745	6,290,891
12/31/2003	762,796	1,485,120	2,395,478	3,176,526	3,894,564	4,266,721	4,444,875	4,422,992	4,432,240	4,467,487	4,541,454
12/31/2004	675,101	1,384,608	2,393,263	3,058,319	3,592,868	3,799,839	3,942,544	4,084,637	4,082,579	4,081,794	4,082,539
12/31/2005	531,171	1,207,709	2,207,865	2,754,662	3,907,775	3,209,845	3,325,677	3,335,600	3,331,829	3,312,642	3,312,672
12/31/2006	688,622	1,624,474	2,788,646	4,041,666	4,805,739	5,148,267	5,256,508	5,213,624	5,246,934	5,242,255	5,242,255
12/31/2007	687,392	1,431,301	2,654,801	3,204,983	3,946,498	4,202,656	4,425,833	4,264,886	4,303,146	4,299,025	4,301,161
12/31/2008	539,707	1,264,615	2,784,426	3,416,738	3,605,399	3,718,771	3,791,843	3,824,797	3,839,071	3,843,111	3,843,111
12/31/2009	588,473	1,479,393	3,271,524	3,300,016	3,922,061	3,904,084	3,920,311	3,933,927	3,932,082	3,942,412	3,942,273
12/31/2010	916,636	1,867,954	3,291,235	4,656,602	5,803,233	5,914,912	5,849,439	5,856,848	5,881,357	5,890,090	
12/31/2011	713,045	1,329,507	2,597,391	3,791,622	4,405,785	4,750,481	4,901,344	4,913,420	4,943,471		
12/31/2012	566,672	1,513,920	3,412,598	4,352,187	4,872,256	5,310,106	5,433,542	5,478,119			
12/31/2013	938,076	2,038,501	3,313,819	4,364,451	4,996,963	5,421,240	5,643,573				
12/31/2014	745,739	1,428,827	2,250,456	2,706,437	2,944,564	3,077,168					
12/31/2015	509,012	1,013,310	1,752,123	2,508,921	2,774,959						
12/31/2016	461,711	1,149,082	2,131,459	2,562,723							
12/31/2017	529,548	1,498,409	2,557,150								
12/31/2018	642,024	967,793									
12/31/2019	500,959										

A.Y.E	147 Months	159 Months	171 Months	183 Months	195 Months	207 Months	219 Months	231 Months	243 Months
12/31/2000	4,772,993	4,537,852	4,607,969	4,660,708	4,722,899	4,746,152	4,789,530	4,833,712	4,952,630
12/31/2001	7,288,052	7,456,862	7,567,089	7,710,108	7,894,019	8,031,200	8,090,273	8,129,172	
12/31/2002	6,343,584	6,407,343	6,413,166	6,678,224	6,449,696	6,462,197	6,465,587		
12/31/2003	4,521,744	4,521,744	4,519,637	4,569,637	4,561,874	4,558,204			
12/31/2004	4,079,739	4,102,406	4,099,285	4,099,613	4,099,613				
12/31/2005	3,312,672	3,343,119	3,366,180	3,366,568					
12/31/2006	5,242,255	5,242,395	5,242,833						
12/31/2007	4,300,228	4,304,983							
12/31/2008	3,843,472								

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
12/31/2000	268,352	840,325	991,336	631,810	342,920	137,738	-55,152	40,647	18,192	25,671	399,305	-235,141	70,117
12/31/2001	1,130,009	1,305,586	811,469	1,094,051	498,075	903,672	251,541	253,446	-163,305	156,165	105,134	168,810	110,227
12/31/2002	823,560	1,393,988	720,747	1,027,422	311,769	101,799	138,803	62,181	3,515	98,146	52,693	63,759	5,823
12/31/2003	722,324	910,358	781,048	718,038	372,157	178,154	-21,883	9,248	35,247	73,967	-19,710	0	-2,107
12/31/2004	709,507	1,008,655	665,056	534,549	206,971	142,705	142,093	-2,058	-785	745	-2,800	22,667	-3,121
12/31/2005	676,538	1,000,156	546,797	1,153,113	-697,930	115,832	9,923	-3,771	-19,187	30	0	30,447	23,061
12/31/2006	935,852	1,164,172	1,253,020	764,073	342,528	108,241	-42,884	33,310	-4,679	0	0	140	438
12/31/2007	743,909	1,223,500	550,182	741,515	256,158	223,177	-160,947	38,260	-4,121	2,136	-933	4,755	
12/31/2008	724,908	1,519,811	632,312	188,661	113,372	73,072	32,954	14,274	4,040	0	361		
12/31/2009	890,920	1,792,131	28,492	622,045	-17,977	16,227	13,616	-1,845	10,330	-139			
12/31/2010	951,318	1,423,281	1,365,367	1,146,631	111,679	-65,473	7,409	24,509	8,733				
12/31/2011	616,462	1,267,884	1,194,231	614,163	344,696	150,863	12,076	30,051					
12/31/2012	947,248	1,898,678	939,589	520,069	437,850	123,436	44,577						
12/31/2013	1,100,425	1,275,318	1,050,632	632,512	424,277	222,333							
12/31/2014	683,088	821,629	455,981	238,127	132,604								
12/31/2015	504,298	738,813	756,798	266,038									
12/31/2016	687,371	982,377	431,264										
12/31/2017	968,861	1,058,741											
12/31/2018	325,769												

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
12/31/2000	0.0204	0.0638	0.0753	0.0480	0.0260	0.0105	-0.0042	0.0031	0.0014	0.0019	0.0303	-0.0179	0.0053
12/31/2001	0.0829	0.0958	0.0596	0.0803	0.0366	0.0663	0.0185	0.0186	-0.0120	0.0115	0.0077	0.0124	0.0081
12/31/2002	0.0491	0.0832	0.0430	0.0613	0.0186	0.0061	0.0083	0.0037	0.0002	0.0059	0.0031	0.0038	0.0003
12/31/2003	0.0437	0.0551	0.0473	0.0435	0.0225	0.0108	-0.0013	0.0006	0.0021	0.0045	-0.0012	0.0000	-0.0001
12/31/2004	0.0586	0.0834	0.0550	0.0442	0.0171	0.0118	0.0117	-0.0002	-0.0001	0.0001	-0.0002	0.0019	-0.0003
12/31/2005	0.0523	0.0774	0.0423	0.0892	-0.0540	0.0090	0.0008	-0.0003	-0.0015	0.0000	0.0000	0.0024	0.0018
12/31/2006	0.0765	0.0951	0.1024	0.0624	0.0280	0.0088	-0.0035	0.0027	-0.0004	0.0000	0.0000	0.0000	0.0000
12/31/2007	0.0577	0.0950	0.0427	0.0575	0.0199	0.0173	-0.0125	0.0030	-0.0003	0.0002	-0.0001	0.0004	
12/31/2008	0.0579	0.1215	0.0505	0.0151	0.0091	0.0058	0.0026	0.0011	0.0003	0.0000	0.0000		
12/31/2009	0.0692	0.1391	0.0022	0.0483	-0.0014	0.0013	0.0011	-0.0001	0.0008	0.0000			
12/31/2010	0.0627	0.0938	0.0900	0.0755	0.0074	-0.0043	0.0005	0.0016	0.0006				
12/31/2011	0.0432	0.0888	0.0837	0.0430	0.0242	0.0106	0.0008	0.0021					
12/31/2012	0.0792	0.1587	0.0785	0.0435	0.0366	0.0103	0.0037						
12/31/2013	0.1006	0.1166	0.0960	0.0578	0.0388	0.0203							
12/31/2014	0.0670	0.0805	0.0447	0.0233	0.0130								
12/31/2015	0.0449	0.0657	0.0673	0.0237									
12/31/2016	0.0595	0.0850	0.0373										
12/31/2017	0.0734	0.0802											
12/31/2018	0.0367												
Best 3/5	0.0571	0.0819	0.0635	0.0367	0.0246	0.0074	0.0015	0.0016	0.0002	0.0000	0.0000	0.0008	0.0001

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                          LOCAL 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
  12/31/2000     1.011     1.013     1.005      1.009      1.009      1.025       1.017 *
  12/31/2001     1.019     1.024     1.017      1.007      1.005      1.004 *     1.017 *
  12/31/2002     1.041     0.966     1.002      1.001      1.004 *    1.004 *     1.017 *
  12/31/2003     1.011     0.998     0.999      1.002 *    1.004 *    1.004 *     1.017 *
  12/31/2004     1.000     1.000     1.002 *    1.002 *    1.004 *    1.004 *     1.017 *
  12/31/2005     1.000


   Best 3/5      1.010     1.004     1.003 *    1.004 *    1.004 *    1.004 *     1.017 *


  171 to Ultimate Factor:  1.047



                  Cumulative Incremental Factors
Months-to-Ultimate       15        27        39         51         63         75         87
                        0.275     0.218     0.136      0.073      0.036      0.012      0.004

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



              Reported ALAE       $500,000         ALAE      Additional     ALAE at    171-Ultimate   Ultimate
    A.Y.E      as of 3/31/20   Ultimate Indemnity  Factor       ALAE       171 Months    Factor         ALAE
  12/31/2017     2,565,024        14,768,601       0.136      2,008,528    4,573,552     1.047        4,788,333
  12/31/2018       857,564         9,678,652       0.218      2,109,942    2,967,506     1.047        3,106,811
  12/31/2019       405,819        11,343,408       0.275      3,119,435    3,525,254     1.047        3,690,795


*  Calculated Using Modified Bondy Method
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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
12/31/2000	1,979,021	2,123,855	2,322,833	2,383,466	2,572,429	2,821,102	2,678,515	2,698,991	2,861,667	2,940,850	2,948,766
12/31/2001	1,690,800	1,710,622	1,883,656	1,836,606	1,823,685	1,875,719	2,042,494	2,215,070	2,222,796	2,275,452	2,283,598
12/31/2002	1,545,331	1,723,512	1,881,726	1,891,368	1,831,432	1,858,706	1,917,454	1,932,893	1,983,512	1,993,634	2,058,019
12/31/2003	1,302,387	1,900,765	2,164,538	2,174,006	2,458,659	2,459,501	2,496,685	2,510,751	2,515,897	2,556,537	2,567,340
12/31/2004	2,177,590	2,421,117	2,474,092	2,423,379	2,488,686	2,475,264	2,423,782	2,452,374	2,473,223	2,481,706	2,476,673
12/31/2005	2,847,520	3,092,426	3,300,985	3,391,854	3,447,498	3,329,310	3,342,666	3,389,154	3,398,524	3,392,234	3,392,512
12/31/2006	2,980,032	3,461,870	3,553,852	3,582,681	3,602,431	3,751,135	3,759,890	3,940,598	3,988,027	4,044,823	4,057,897
12/31/2007	2,813,559	2,673,331	2,702,793	3,032,508	3,308,427	3,277,730	3,460,175	3,437,776	3,430,036	3,403,247	3,411,959
12/31/2008	3,535,871	3,789,446	3,933,771	4,140,245	4,242,434	4,489,983	4,745,939	5,100,677	5,342,819	5,397,764	5,364,809
12/31/2009	3,522,652	3,732,008	3,749,930	3,778,743	3,762,216	3,988,693	3,998,527	4,143,899	4,209,149	4,238,790	4,272,576
12/31/2010	4,462,580	4,629,741	4,894,520	4,871,295	4,474,935	4,712,497	4,713,698	4,648,658	4,667,677	4,698,535	
12/31/2011	4,166,621	4,394,898	4,708,627	4,648,869	4,756,256	4,911,173	4,868,274	4,944,991	4,954,409		
12/31/2012	3,868,631	3,908,423	3,783,764	3,703,091	3,860,455	3,877,687	3,929,302	3,999,632			
12/31/2013	3,494,925	3,510,765	4,060,124	3,926,765	3,952,753	4,032,393	4,049,481				
12/31/2014	3,304,373	3,614,937	3,535,120	3,733,461	3,702,850	3,766,844					
12/31/2015	4,489,757	4,677,943	5,397,218	5,412,900	5,364,801						
12/31/2016	4,321,088	4,390,223	4,762,762	4,919,363							
12/31/2017	4,192,201	4,304,532	4,527,340								
12/31/2018	4,843,943	4,635,133									
12/31/2019	4,933,819										

A.Y.E.	147 Months	159 Months	171 Months	183 Months	195 Months	207 Months	219 Months	231 Months	243 Months
12/31/2000	2,955,411	2,948,659	2,952,158	2,945,156	2,945,155	2,943,155	2,943,155	2,943,155	2,943,155
12/31/2001	2,270,987	2,228,316	2,233,810	2,234,989	2,246,996	2,246,996	2,246,995	2,246,995	
12/31/2002	2,039,915	2,105,557	2,112,432	2,121,032	2,138,325	2,137,075	2,137,075		
12/31/2003	2,607,397	2,589,683	2,575,933	2,598,428	2,598,428	2,592,678			
12/31/2004	2,451,895	2,458,673	2,571,165	2,556,165	2,659,665				
12/31/2005	3,386,412	3,372,171	3,372,171	3,472,949					
12/31/2006	4,110,417	4,070,273	4,152,578						
12/31/2007	3,413,961	3,426,461							
12/31/2008	5,413,336								

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
12/31/2000	1.073	1.094	1.026	1.079	1.097	0.949	1.008	1.060	1.028	1.003	1.002
12/31/2001	1.012	1.101	0.975	0.993	1.029	1.089	1.084	1.003	1.024	1.004	0.994
12/31/2002	1.115	1.092	1.005	0.968	1.015	1.032	1.008	1.026	1.005	1.032	0.991
12/31/2003	1.459	1.139	1.004	1.131	1.000	1.015	1.006	1.002	1.016	1.004	1.016
12/31/2004	1.112	1.022	0.980	1.027	0.995	0.979	1.012	1.009	1.003	0.998	0.990
12/31/2005	1.086	1.067	1.028	1.016	0.966	1.004	1.014	1.003	0.998	1.000	0.998
12/31/2006	1.162	1.027	1.008	1.006	1.041	1.002	1.048	1.012	1.014	1.003	1.013
12/31/2007	0.950	1.011	1.122	1.091	0.991	1.056	0.994	0.998	0.992	1.003	1.001
12/31/2008	1.072	1.038	1.052	1.025	1.058	1.057	1.075	1.047	1.010	0.994	1.009
12/31/2009	1.059	1.005	1.008	0.996	1.060	1.002	1.036	1.016	1.007	1.008	
12/31/2010	1.037	1.057	0.995	0.919	1.053	1.000	0.986	1.004	1.007		
12/31/2011	1.055	1.071	0.987	1.023	1.033	0.991	1.016	1.002			
12/31/2012	1.010	0.968	0.979	1.042	1.004	1.013	1.018				
12/31/2013	1.005	1.156	0.967	1.007	1.020	1.004					
12/31/2014	1.094	0.978	1.056	0.992	1.017						
12/31/2015	1.042	1.154	1.003	0.991							
12/31/2016	1.016	1.085	1.033								
12/31/2017	1.027	1.052									
12/31/2018	0.957										
3 Yr Mean	1.000	1.097	1.031	0.997	1.014	1.003	1.007	1.007	1.008	1.002	1.008
Best 3/5	1.028	1.097	1.005	1.007	1.023	1.002	1.023	1.007	1.008	1.002	1.003

A.Y.E.	159:147	171:159	183:171	195:183	207:195	219:207	231:219	243:231
12/31/2000	0.998	1.001	0.998	1.000	0.999	1.000	1.000	1.000
12/31/2001	0.981	1.002	1.001	1.005	1.000	1.000	1.000	1.000 *
12/31/2002	1.032	1.003	1.004	1.008	0.999	1.000	1.000 *	1.000 *
12/31/2003	0.993	0.995	1.009	1.000	0.998	0.999 *	1.000 *	1.000 *
12/31/2004	1.003	1.046	0.994	1.040	1.003 *	0.999 *	1.000 *	1.000 *
12/31/2005	0.996	1.000	1.030					
12/31/2006	0.990	1.020						
12/31/2007	1.004							
3 Yr Mean	0.997	1.022	1.011	1.016	0.999 @	1.000 @	1.000 @	1.000 @
Best 3/5	0.997	1.008	1.005	1.004	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
12/31/2015					1.023	1.002	1.023	1.007	1.008	1.002	1.003
12/31/2016				1.007	1.023	1.002	1.023	1.007	1.008	1.002	1.003
12/31/2017			1.005	1.007	1.023	1.002	1.023	1.007	1.008	1.002	1.003
12/31/2018		1.097	1.005	1.007	1.023	1.002	1.023	1.007	1.008	1.002	1.003
12/31/2019	1.028	1.097	1.005	1.007	1.023	1.002	1.023	1.007	1.008	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
12/31/2015	0.997	1.008	1.005	1.004	0.999	1.000	1.000	1.000	1.000*	1.084
12/31/2016	0.997	1.008	1.005	1.004	0.999	1.000	1.000	1.000	1.000*	1.091
12/31/2017	0.997	1.008	1.005	1.004	0.999	1.000	1.000	1.000	1.000*	1.097
12/31/2018	0.997	1.008	1.005	1.004	0.999	1.000	1.000	1.000	1.000*	1.203
12/31/2019	0.997	1.008	1.005	1.004	0.999	1.000	1.000	1.000	1.000*	1.237

* Calculated Using Modified Bondy Method
@ 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
12/31/2000	150,416	248,134	188,848	196,780	189,280	253,280	237,878	257,878	215,285	215,285	215,285
12/31/2001	208,337	185,152	211,162	225,824	225,824	216,726	265,726	270,726	265,727	267,726	365,726
12/31/2002	119,421	133,880	171,299	184,812	251,892	369,610	483,705	465,706	502,946	539,631	567,026
12/31/2003	286,617	257,949	283,776	398,386	518,958	600,492	644,606	716,722	797,706	987,310	1,083,780
12/31/2004	267,359	144,698	230,232	354,867	441,630	632,353	616,235	904,464	1,008,422	1,087,637	1,296,374
12/31/2005	171,817	242,035	293,014	372,892	413,788	517,693	577,501	578,079	622,969	1,071,187	1,185,448
12/31/2006	278,671	268,222	382,330	527,781	647,562	746,113	720,042	744,136	932,230	1,066,447	970,261
12/31/2007	336,059	547,823	574,771	515,905	485,339	476,360	480,227	577,227	574,377	571,155	571,155
12/31/2008	294,367	208,042	336,788	335,305	346,805	344,805	444,805	444,805	438,306	458,306	528,306
12/31/2009	177,301	176,935	144,535	143,435	143,535	250,348	250,248	350,248	350,248	350,248	350,248
12/31/2010	263,109	264,778	262,233	266,329	360,329	360,329	360,329	360,329	360,329	360,329	
12/31/2011	279,719	308,640	282,139	296,139	274,228	284,228	276,228	276,228	286,228		
12/31/2012	221,924	228,813	235,978	243,875	230,235	255,235	260,249	263,284			
12/31/2013	362,731	391,760	385,395	549,395	552,495	602,495	607,496				
12/31/2014	279,766	411,762	396,630	500,830	475,830	516,830					
12/31/2015	637,381	580,572	568,948	590,847	591,559						
12/31/2016	880,019	1,015,214	1,046,297	1,102,137							
12/31/2017	788,978	981,935	1,073,604								
12/31/2018	1,165,353	1,481,841									
12/31/2019	1,133,158										

A.Y.E.	147 Months	159 Months	171 Months	183 Months	195 Months	207 Months	219 Months	231 Months	243 Months
12/31/2000	215,285	215,285	215,285	215,285	215,285	215,285	215,285	215,285	215,285
12/31/2001	365,727	365,726	365,726	365,726	365,726	365,726	365,726	365,726	
12/31/2002	566,252	561,006	561,362	567,567	567,567	580,067	580,067		
12/31/2003	1,277,599	1,297,971	1,219,581	1,168,724	1,170,415	1,162,641			
12/31/2004	1,288,735	1,183,053	1,176,984	1,176,939	1,169,117				
12/31/2005	1,174,440	1,184,550	1,153,446	1,143,652					
12/31/2006	943,991	917,548	912,644						
12/31/2007	571,155	571,155							
12/31/2008	528,306								

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
12/31/2000	1.650	0.761	1.042	0.962	1.338	0.939	1.084	0.835	1.000	1.000	1.000
12/31/2001	0.889	1.140	1.069	1.000	0.960	1.226	1.019	0.982	1.008	1.366	1.000
12/31/2002	1.121	1.279	1.079	1.363	1.467	1.309	0.963	1.080	1.073	1.051	0.999
12/31/2003	0.900	1.100	1.404	1.303	1.157	1.073	1.112	1.113	1.238	1.098	1.179
12/31/2004	0.541	1.591	1.541	1.244	1.432	0.975	1.468	1.115	1.079	1.192	0.994
12/31/2005	1.409	1.211	1.273	1.110	1.251	1.116	1.001	1.078	1.719	1.107	0.991
12/31/2006	0.963	1.425	1.380	1.227	1.152	0.965	1.033	1.253	1.144	0.910	0.973
12/31/2007	1.630	1.049	0.898	0.941	0.981	1.008	1.202	0.995	0.994	1.000	1.000
12/31/2008	0.707	1.619	0.996	1.034	0.994	1.290	1.000	0.985	1.046	1.153	1.000
12/31/2009	0.998	0.817	0.992	1.001	1.744	1.000	1.400	1.000	1.000	1.000	
12/31/2010	1.006	0.990	1.016	1.353	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			
12/31/2012	1.031	1.031	1.033	0.944	1.109	1.020	1.012				
12/31/2013	1.080	0.984	1.426	1.006	1.090	1.008					
12/31/2014	1.472	0.963	1.263	0.950	1.086						
12/31/2015	0.911	0.980	1.038	1.001							
12/31/2016	1.154	1.031	1.053								
12/31/2017	1.245	1.093									
12/31/2018	1.272										
3 Yr Mean	1.224	1.035	1.118	0.986	1.095	1.000	1.004	1.012	1.015	1.051	0.991
Best 3/5	1.224	0.998	1.118	0.965	1.071	1.003	1.004	0.998	1.015	1.036	0.995

A.Y.E.	159:147	171:159	183:171	195:183	207:195	219:207	231:219	243:231
12/31/2000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
12/31/2001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000 *
12/31/2002	0.991	1.001	1.011	1.000	1.022	1.000	1.000 *	1.000 *
12/31/2003	1.016	0.940	0.958	1.001	0.993	1.000 *	1.000 *	1.000 *
12/31/2004	0.918	0.995	1.000	0.993	1.000 *	1.000 *	1.000 *	1.000 *
12/31/2005	1.009	0.974	0.992					
12/31/2006	0.972	0.995						
12/31/2007	1.000							
3 Yr Mean	0.994	0.988	0.983	0.998	1.005 @	1.000 @	1.000 @	1.000 @
Best 3/5	0.994	0.988	0.997	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
12/31/2015					1.071	1.003	1.004	0.998	1.015	1.036	0.995
12/31/2016				0.965	1.071	1.003	1.004	0.998	1.015	1.036	0.995
12/31/2017			1.118	0.965	1.071	1.003	1.004	0.998	1.015	1.036	0.995
12/31/2018		0.998	1.118	0.965	1.071	1.003	1.004	0.998	1.015	1.036	0.995
12/31/2019	1.224	0.998	1.118	0.965	1.071	1.003	1.004	0.998	1.015	1.036	0.995

A.Y.E.	147/159	159/171	171/183	183/195	195/207	207/219	219/231	231/243	243/Ult	FACTORS
12/31/2015	0.994	0.988	0.997	1.000	1.000	1.000	1.000	1.000	1.000*	1.103
12/31/2016	0.994	0.988	0.997	1.000	1.000	1.000	1.000	1.000	1.000*	1.064
12/31/2017	0.994	0.988	0.997	1.000	1.000	1.000	1.000	1.000	1.000*	1.190
12/31/2018	0.994	0.988	0.997	1.000	1.000	1.000	1.000	1.000	1.000*	1.187
12/31/2019	0.994	0.988	0.997	1.000	1.000	1.000	1.000	1.000	1.000*	1.453

* Calculated Using Modified Bondy Method
@ Three year mean Excludes Modified Bondy ratios

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
12/31/2000	279,819	388,097	589,602	775,365	998,351	1,254,217	1,654,752	1,851,255	2,011,274	2,310,716	2,481,210
12/31/2001	215,738	308,467	469,736	656,361	784,297	999,648	1,421,275	1,738,245	1,688,394	1,891,637	2,007,556
12/31/2002	181,573	332,739	512,689	795,275	854,493	953,878	1,032,434	1,057,225	1,057,229	1,254,568	1,444,891
12/31/2003	62,113	673,928	986,248	1,145,258	1,296,947	1,333,752	1,347,383	1,434,604	1,508,049	1,609,966	1,692,096
12/31/2004	167,304	314,888	482,539	677,641	801,286	925,051	944,998	966,412	997,834	1,006,015	1,031,018
12/31/2005	253,321	338,561	632,476	815,815	858,852	947,382	1,012,347	1,136,055	1,130,570	1,129,880	1,134,189
12/31/2006	141,892	367,185	646,668	951,651	1,241,182	1,587,941	1,669,712	1,979,757	2,027,633	2,117,573	2,116,057
12/31/2007	384,981	804,028	1,008,197	1,416,643	1,748,959	2,186,000	2,163,109	2,360,866	2,430,818	2,410,215	2,283,450
12/31/2008	375,947	895,734	1,301,046	2,069,175	2,925,796	5,153,566	7,655,073	9,078,856	9,064,144	8,468,156	7,970,187
12/31/2009	646,459	1,131,470	1,266,206	1,298,184	1,456,041	1,527,172	1,837,989	2,019,982	2,044,709	2,056,186	2,087,463
12/31/2010	231,962	417,432	737,016	1,095,412	1,201,636	1,364,842	1,570,725	1,721,918	1,747,732	2,030,546	
12/31/2011	404,096	751,172	1,137,129	1,524,581	1,843,722	1,855,420	1,883,030	2,003,171	2,114,053		
12/31/2012	246,334	535,995	894,454	1,020,247	1,208,393	1,387,308	1,498,678	1,596,132			
12/31/2013	411,087	533,996	762,343	979,746	1,202,895	1,395,737	1,552,572				
12/31/2014	203,408	512,565	749,356	964,341	1,201,024	1,228,459					
12/31/2015	425,779	856,185	1,211,097	1,487,209	1,652,390						
12/31/2016	316,772	603,887	931,724	1,493,968							
12/31/2017	440,786	715,435	1,843,413								
12/31/2018	446,169	796,849									
12/31/2019	326,323										

A.Y.E	147 Months	159 Months	171 Months	183 Months	195 Months	207 Months	219 Months	231 Months	243 Months
12/31/2000	2,630,585	2,743,286	2,808,796	2,755,606	2,780,142	2,805,142	2,799,607	2,799,803	2,812,303
12/31/2001	2,119,139	2,206,331	2,234,201	2,323,812	2,550,301	2,550,301	2,550,301	2,556,551	
12/31/2002	1,536,782	1,809,404	1,968,246	1,999,233	1,998,958	1,998,958	2,011,458		
12/31/2003	1,752,376	1,771,643	1,794,925	1,838,866	1,838,866	1,830,238			
12/31/2004	1,026,037	1,032,979	1,062,707	1,062,707	1,227,041				
12/31/2005	1,311,190	1,187,022	1,198,614	1,712,913					
12/31/2006	2,279,826	2,320,650	2,419,882						
12/31/2007	2,284,334	2,250,445							
12/31/2008	7,336,754								

LOCAL PRODUCTS (Subline Code 336)
FULL COVERAGE
MULTISTATE
PROPERTY DAMAGE - OCCURRENCE
INCURRED ACCIDENT YEAR 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
12/31/2000	108,278	201,505	185,763	222,986	255,866	400,535	196,503	160,019	299,442	170,494	149,375	112,701	65,510
12/31/2001	92,729	161,269	186,625	127,936	215,351	421,627	316,970	-49,851	203,243	115,919	111,583	87,192	27,870
12/31/2002	151,166	179,950	282,586	59,218	99,385	78,556	24,791	4	197,339	190,323	91,891	272,622	158,842
12/31/2003	611,815	312,320	159,010	151,689	36,805	13,631	87,221	73,445	101,917	82,130	60,280	19,267	23,282
12/31/2004	147,584	167,651	195,102	123,645	123,765	19,947	21,414	31,422	8,181	25,003	-4,981	6,942	29,728
12/31/2005	85,240	293,915	183,339	43,037	88,530	64,965	123,708	-5,485	-690	4,309	177,001	-124,168	11,592
12/31/2006	225,293	279,483	304,983	289,531	346,759	81,771	310,045	47,876	89,940	-1,516	163,769	40,824	99,232
12/31/2007	419,047	204,169	408,446	332,316	437,041	-22,891	197,757	69,952	-20,603	-126,765	884	-33,889	
12/31/2008	519,787	405,312	768,129	856,621	2,227,770	2,501,507	1,423,783	-14,712	-595,988	-497,969	-633,433		
12/31/2009	485,011	134,736	31,978	157,857	71,131	310,817	181,993	24,727	11,477	31,277			
12/31/2010	185,470	319,584	358,396	106,224	163,206	205,883	151,193	25,814	282,814				
12/31/2011	347,076	385,957	387,452	319,141	11,698	27,610	120,141	110,882					
12/31/2012	289,661	358,459	125,793	188,146	178,915	111,370	97,454						
12/31/2013	122,909	228,347	217,403	223,149	192,842	156,835							
12/31/2014	309,157	236,791	214,985	236,683	27,435								
12/31/2015	430,406	354,912	276,112	165,181									
12/31/2016	287,115	327,837	562,244										
12/31/2017	274,649	1,127,978											
12/31/2018	350,680												

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
12/31/2000	0.0313	0.0582	0.0537	0.0645	0.0740	0.1158	0.0568	0.0463	0.0866	0.0493	0.0432	0.0326	0.0189
12/31/2001	0.0303	0.0526	0.0609	0.0417	0.0703	0.1375	0.1034	-0.0163	0.0663	0.0378	0.0364	0.0284	0.0091
12/31/2002	0.0707	0.0842	0.1322	0.0277	0.0465	0.0368	0.0116	0.0000	0.0923	0.0891	0.0430	0.1276	0.0743
12/31/2003	0.2234	0.1140	0.0581	0.0554	0.0134	0.0050	0.0318	0.0268	0.0372	0.0300	0.0220	0.0070	0.0085
12/31/2004	0.0483	0.0549	0.0639	0.0405	0.0405	0.0065	0.0070	0.0103	0.0027	0.0082	-0.0016	0.0023	0.0097
12/31/2005	0.0211	0.0727	0.0453	0.0106	0.0219	0.0161	0.0306	-0.0014	-0.0002	0.0011	0.0438	-0.0307	0.0029
12/31/2006	0.0454	0.0564	0.0615	0.0584	0.0699	0.0165	0.0625	0.0097	0.0181	-0.0003	0.0330	0.0082	0.0200
12/31/2007	0.0884	0.0431	0.0862	0.0701	0.0922	-0.0048	0.0417	0.0148	-0.0043	-0.0267	0.0002	-0.0071	
12/31/2008	0.0854	0.0666	0.1262	0.1407	0.3660	0.4110	0.2339	-0.0024	-0.0979	-0.0818	-0.1041		
12/31/2009	0.1063	0.0295	0.0070	0.0346	0.0156	0.0681	0.0399	0.0054	0.0025	0.0069			
12/31/2010	0.0348	0.0599	0.0672	0.0199	0.0306	0.0386	0.0284	0.0048	0.0530				
12/31/2011	0.0584	0.0650	0.0652	0.0537	0.0020	0.0046	0.0202	0.0187					
12/31/2012	0.0628	0.0777	0.0273	0.0408	0.0388	0.0242	0.0211						
12/31/2013	0.0255	0.0473	0.0451	0.0463	0.0400	0.0325							
12/31/2014	0.0565	0.0433	0.0393	0.0433	0.0050								
12/31/2015	0.0547	0.0451	0.0351	0.0210									
12/31/2016	0.0481	0.0550	0.0943										
12/31/2017	0.0415	0.1706											
12/31/2018	0.0545												
Best 3/5	0.0525	0.0491	0.0398	0.0435	0.0248	0.0318	0.0298	0.0083	0.0054	-0.0087	0.0105	0.0007	0.0127

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                           LOCAL 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
 12/31/2000     0.981     1.009     1.009      0.998      1.000      1.004      1.000 *
 12/31/2001     1.040     1.097     1.000      1.000      1.002      1.000 *    1.000 *
 12/31/2002     1.016     1.000     1.000      1.006      1.000 *    1.000 *    1.000 *
 12/31/2003     1.024     1.000     0.995      1.000 *    1.000 *    1.000 *    1.000 *
 12/31/2004     1.000     1.155     1.035 *    1.000 *    1.000 *    1.000 *    1.000 *
 12/31/2005     1.429


   Best 3/5     1.027     1.035     1.003 *    1.000 *    1.000 *    1.000 *    1.000 *


  171 to Ultimate Factor:   1.066



                      Cumulative Incremental Factors
 Months-to-Ultimate       15        27        39        51        63        75        87
                        0.300     0.248     0.199     0.159     0.115     0.091     0.059


 Months-to-Ultimate       99       111       123       135       147       159       171
                        0.029     0.021     0.015     0.024     0.013     0.013     0.000



              Reported ALAE      $500,000        ALAE     Additional    ALAE at    171-Ultimate   Ultimate
   A.Y.E      as of 3/31/20   Ultimate Indemnity  Factor     ALAE     171 Months     Factor        ALAE
 12/31/2017     2,020,379        7,256,679        0.199    1,444,084   3,464,463      1.066       3,692,975
 12/31/2018       885,566        7,007,644        0.248    1,737,898   2,623,464      1.066       2,796,465
 12/31/2019       343,580        8,931,587        0.300    2,679,492   3,023,072      1.066       3,222,446


 *  Calculated Using Modified Bondy Method
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Multistate Review of ULAE Experience
General Liability Including CMP Liability
Loss Adjustment Expense Special Call
Calendar Years 2015- 2019

</div>

Item *	2015	2016	2017	2018	2019	2015 - 2019 Mean
1. Direct Losses Incurred	$24,958,455	$25,388,567	$22,632,160	$26,519,433	$28,416,595	
2. Allocated Loss Adjustment Expenses Incurred (ALAE)	$6,032,038	$4,939,134	$5,935,928	$5,781,764	$5,750,906	
3. Unallocated Loss Adjustment Expenses Incurred (ULAE)	$2,454,825	$2,540,806	$2,332,466	$2,282,751	$2,814,839	
4. Incurred Losses + ALAE [(1) + (2)]	$30,990,493	$30,327,701	$28,568,088	$32,301,197	$34,167,501	

<div align="center">

Incurred Percentage

</div>

	2015	2016	2017	2018	2019	2015 - 2019 Mean
5. Ratio of ULAE to (Losses + ALAE) [(3)/(4)]	7.9%	8.4%	8.2%	7.1%	8.2%	8.0%
6. Selected 8.0%						

Notes: All dollar amounts are displayed in thousands.

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

LOCAL PRODUCTS / COMPLETED OPERATIONS TREND SUMMARY

(1) EXPOSURE TREND	LOCAL PRODUCTS	COMPLETED OPERATIONS	LOCAL PRODUCTS / COMPLETED OPERATIONS COMBINED
Average Annual Percent Change			
a) 7/1/2017 to 7/1/2022 AYE 12/31/2017	+ 0.9%	+ 1.6%	+ 1.5%
b) 7/1/2018 to 7/1/2022 AYE 12/31/2018	+ 0.8%	+ 1.1%	+ 1.1%
c) 7/1/2019 to 7/1/2022 AYE 12/31/2019	+ 0.7%	+ 0.6%	+ 0.6%

(2) OCCURRENCE SEVERITY	BODILY INJURY	PROPERTY DAMAGE
a) Fitted		
All Years	+ 6.4%	+ 4.8%
Eight Years	+ 8.1%	+ 5.1%
Six Years	+ 10.8%	+ 4.4%
b) Selected	+ 5.0%	+ 4.5%

(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 12/31/2017, 12/31/2018 & 12/31/2019

(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
2009	1	0.961	22.128	2016	1	1.030	25.313
	2	0.966	22.349		2	1.030	25.481
	3	0.969	22.502		3	1.029	25.735
	4	0.968	22.653		4	1.030	25.943
2010	1	0.964	22.806	2017	1	1.033	26.166
	2	0.962	22.928		2	1.034	26.330
	3	0.962	23.080		3	1.037	26.530
	4	0.965	23.208		4	1.040	26.719
2011	1	0.968	23.312	2018	1	1.043	26.958
	2	0.973	23.427		2	1.047	27.208
	3	0.978	23.556		3	1.051	27.441
	4	0.982	23.638		4	1.054	27.728
2012	1	0.986	23.715	2019	1	1.057	27.949
	2	0.990	23.794		2	1.060	28.183
	3	0.995	23.873		3	1.062	28.355
	4	1.000	23.965		4	1.064	28.506
2013	1	1.004	24.062	2020	1	1.065	28.691
	2	1.006	24.140		2	1.059	28.816
	3	1.008	24.167		3P	1.055	28.993
	4	1.010	24.208		4P	1.052	28.953
2014	1	1.012	24.299	2021	1P	1.050	28.873
	2	1.016	24.405		2P	1.055	28.805
	3	1.019	24.538		3P	1.058	28.682
	4	1.022	24.663		4P	1.062	28.738
2015	1	1.024	24.759	2022	1P	1.067	28.793
	2	1.026	24.909		2P	1.074	28.845
	3	1.027	25.013		3P	1.081	28.905
	4	1.030	25.172		4P	1.088	28.981

CHANGE IN EXPOSURES		LOCAL PRODUCTS	COMPLETED OPERATIONS
7/1/2017 to 7/1/2022	(2022:4/2017:4)	1.046	1.085
7/1/2018 to 7/1/2022	(2022:4/2018:4)	1.032	1.045
7/1/2019 to 7/1/2022	(2022:4/2019:4)	1.022	1.017

AVERAGE ANNUAL TREND FACTOR			
7/1/2017 to 7/1/2022	(5.0 YRS)	1.009	1.016
7/1/2018 to 7/1/2022	(4.0 YRS)	1.008	1.011
7/1/2019 to 7/1/2022	(3.0 YRS)	1.007	1.006

* Projected values are identified by a 'P' in column (1).
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OCCURRENCE SEVERITY TREND
MULTISTATE
LOCAL PRODUCTS/COMPLETED OPERATIONS
Calculation of Annual Trend Factor
Based on Average Occurrence Severity
Full Coverage Occurrence Data
Monoline and Multiline Combined
Bodily Injury

(1) Accident Year Ending	(2) Basic Limit Paid Losses *	(3) Paid Occurrences	(4) (2)/(3) Actual Severity	(5) Exponential Curve of Best Fit to Col (4)		
				10 Year	8 Year	6 Year
12/31/2010	$45,801,992	1,582	$28,952	$25,645		
12/31/2011	39,821,092	1,460	27,275	27,280		
12/31/2012	41,732,779	1,400	29,809	29,020	$27,040	
12/31/2013	43,131,925	1,476	29,222	30,870	29,224	
12/31/2014	34,246,327	1,253	27,331	32,838	31,585	$29,190
12/31/2015	35,432,643	1,098	32,270	34,932	34,136	32,347
12/31/2016	36,258,182	956	37,927	37,159	36,893	35,847
12/31/2017	37,125,436	876	42,381	39,529	39,872	39,725
12/31/2018	35,687,982	779	45,813	42,049	43,093	44,022
12/31/2019	37,257,460	838	44,460	44,730	46,573	48,784

Goodness of Fit Statistic, R-Squared:	0.816	0.852	0.894

Average Annual Severity Trend (10 yr)	+ 6.4%
Average Annual Severity Trend (8 yr)	+ 8.1%
Average Annual Severity Trend (6 yr)	+ 10.8%
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 Section B - Explanation of Trend Calculation).

OCCURRENCE SEVERITY TREND
MULTISTATE
LOCAL PRODUCTS/COMPLETED OPERATIONS
Calculation of Annual Trend Factor
Based on Average Occurrence Severity
Full Coverage Occurrence Data
Monoline and Multiline Combined
Property Damage

(1) Accident Year Ending	(2) Basic Limit Paid Losses *	(3) Paid Occurrences	(4) (2)/(3) Actual Severity	(5) Exponential Curve of Best Fit to Col (4)		
				10 Year	8 Year	6 Year
12/31/2010	$154,522,739	5,409	$28,568	$26,373		
12/31/2011	137,102,918	5,314	25,800	27,627		
12/31/2012	129,176,670	4,636	27,864	28,940	$28,583	
12/31/2013	117,342,730	3,901	30,080	30,316	30,036	
12/31/2014	113,050,236	3,586	31,525	31,758	31,563	$32,189
12/31/2015	121,873,434	3,643	33,454	33,268	33,168	33,615
12/31/2016	134,325,288	3,732	35,993	34,850	34,854	35,104
12/31/2017	132,895,067	3,573	37,194	36,507	36,626	36,658
12/31/2018	151,474,468	3,881	39,030	38,243	38,489	38,282
12/31/2019	161,489,635	4,176	38,671	40,061	40,446	39,978
Goodness of Fit Statistic, R-Squared:				0.919	0.961	0.922

Average Annual Severity Trend (10 yr)	+ 4.8%
Average Annual Severity Trend (8 yr)	+ 5.1%
Average Annual Severity Trend (6 yr)	+ 4.4%
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 Section B - 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]
12/31/2006	$ 326,238,970	8,442	25.88
12/31/2007	325,331,118	8,393	25.80
12/31/2008	315,497,006	8,878	28.14
12/31/2009	301,841,127	8,904	29.50
12/31/2010	290,309,875	9,504	32.74
12/31/2011	288,802,569	8,867	30.70
12/31/2012	290,344,199	8,404	28.94
12/31/2013	296,741,631	8,155	27.48
12/31/2014	305,683,597	7,561	24.74
12/31/2015	315,859,471	7,289	23.08
12/31/2016	332,011,620	7,443	22.42
12/31/2017	342,155,375	7,123	20.82
12/31/2018	345,741,663	7,176	20.75
12/31/2019	344,939,626	7,403	21.46

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.

CLASS GROUPS AND CALCULATION OF PROPOSED CLASS LOSS COSTS

Explanatory Notes

The following are definitions of the columns for the Local Products/Completed Operations calculation of proposed loss costs shown on pages G-55-61.

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:

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

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

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

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

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

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" equals the selected state monoline loss cost level change.
The off balance factor of 0.999 results from capping.

CLASS GROUPS AND CALCULATION OF PROPOSED CLASS LOSS COSTS

Explanatory Notes (Cont'd)

Column (8) is the percent change of the proposed state occurrence loss cost (column (10)) for each class with respect to the current state occurrence loss cost (column (9)).

Column (9) is the current state occurrence loss cost for each class.

Column (10) is the proposed state occurrence loss cost for each class.

```
                                        LOSS COST % CHANGE BY CLASS
SUBLINE: LOCAL PRODUCTS/COMPLETED OPERATIONS
CLASS GROUP: 01
NUMBER OF YEARS OF DATA USED: 5
CHANGE FACTOR = INDEX * CG REL * SWRL USED = INDEX *  .884 *   1.006
```

CLASS	AYE 2019 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)	STATE-WIDE % CHANGE (8)	PRESENT STATEWIDE OCCUR (9)	PROPOSED STATEWIDE OCCUR (10)	
10100	155524	959476	1.68470	.3293	1.140	1.306	1.161	16.7	0.048	0.056	
10145	34199	448118	.84412	.2183	.867	.993	.883	-12.5	0.008	0.007	
10146	8286	51272	2.03607	.1031	.993	1.137	1.011	0.0	0.015	0.015	
10352	23507	157031	.68939	.1370	.848	.971	.864	-13.6	0.059	0.051	
11039	372366	2330218	1.11774	.5143	.999	1.144	1.017	1.5	0.067	0.068	
11258	15343	91962	.00000	.1165	.771	.883	.785	-19.6	0.168	0.135	L
11259	155	1792	.00000	.0863	.798	.914	.813	-18.8	0.138	0.112	
11288	56990	430754	1.06817	.2139	.915	1.048	.932	-7.0	0.071	0.066	
12374	229694	1439043	.98933	.4082	.921	1.055	.938	-5.6	0.071	0.067	
12375	78462	799155	.25736	.2981	.690	.790	.703	-19.5	0.041	0.033	L
13673	224622	2318182	1.11960	.5131	1.000	1.145	1.018	0.0	0.012	0.012	
13720	20937	201198	1.54860	.1504	.975	1.117	.993	0.0	0.055	0.055	
14401	49584	225435	.82401	.1576	.865	.991	.881	-12.0	0.117	0.103	
15224	71578	574090	.98807	.2490	.902	1.033	.919	-8.5	0.059	0.054	
16900	522929	2828668	.91668	.5585	.897	1.027	.913	-9.0	0.100	0.091	
16901	2038506	10649308	.71771	.8183	.746	.855	.760	-20.0	0.135	0.108	L
16902	125138	704428	.48861	.2782	.766	.877	.780	-18.6	0.059	0.048	L
16905								-9.0	0.100	0.091	
16906								-20.0	0.135	0.108	L
16910	2568814	16286487	.87726	.8724	.877	1.005	.894	-10.0	0.060	0.054	
16911	208680	1262555	.80195	.3814	.846	.969	.862	-13.3	0.060	0.052	
16915	66709	452100	.82903	.2193	.863	.989	.880	-12.2	0.049	0.043	
16916	991086	5299231	.88335	.6959	.880	1.008	.896	-10.2	0.059	0.053	
16920	11082	85655	.98567	.1144	.886	1.015	.903	-10.0	0.110	0.099	
16921	1204	5600	.00000	.0876	.797	.913	.812	-17.8	0.045	0.037	
16930	90181	441697	.77204	.2167	.851	.975	.867	-13.5	0.156	0.135	
16931	37435	182408	1.21631	.1448	.923	1.057	.940	-5.9	0.068	0.064	
16940	941	4437	.00000	.0872	.797	.913	.812	-19.6	0.046	0.037	
16941	20816	97208	.17191	.1182	.790	.905	.805	-20.0	0.080	0.064	
18435	331873	2010062	.99822	.4808	.933	1.069	.951	-5.7	0.053	0.050	
18436	19007	84119	.00000	.1139	.774	.887	.789	-19.6	0.153	0.123	L
18501	300877	2071315	.83017	.4876	.852	.976	.868	-15.4	0.013	0.011	
45900	64579	353571	.00187	.1937	.704	.806	.717	-18.2	0.044	0.036	L
49617	557914	2682535	1.30332	.5464	1.108	1.269	1.129	12.8	0.196	0.221	
57001	28869	231969	1.62744	.1595	.993	1.137	1.011	0.0	0.023	0.023	

```
X-TILDE:  .891    X-TILDE (MONOLINE):  .873    PI-TILDE: .0049190
TAU SQUARED: .03000   SIGMA SQUARED:   79236.61548


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

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                                    LOSS COST % CHANGE BY CLASS
SUBLINE: LOCAL PRODUCTS/COMPLETED OPERATIONS
CLASS GROUP: 02
NUMBER OF YEARS OF DATA USED: 5
CHANGE FACTOR = INDEX * CG REL * SWRL USED = INDEX *  .986 *   1.006
```

	AYE 2019 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)	STATE-WIDE % CHANGE (8)	PRESENT STATEWIDE OCCUR (9)	PROPOSED STATEWIDE OCCUR (10)	
CLASS											
10026	5040	38146	.00000	.0628	1.114	1.118	1.109	12.5	0.016	0.018	
10042	1644627	7710444	1.02231	.5529	1.097	1.101	1.092	10.0	0.400	0.440	
10060	2126	15404	.00000	.0598	1.118	1.122	1.113	11.1	0.072	0.080	
10065	21816	180380	10.27050	.0815	1.929	1.937	1.921	24.1	0.029	0.036	U
10066	3088	22008	.00000	.0607	1.117	1.121	1.112	10.9	0.046	0.051	
10071	486275	3584411	1.08735	.3780	1.151	1.156	1.147	14.8	0.081	0.093	
10073	12722155	57956226	.87434	.8989	.906	.910	.903	-10.5	0.570	0.510	
10075	861	4714	16.91260	.0583	2.106	2.114	2.097	25.9	0.174	0.219	U
10107	13911	142198	.70050	.0766	1.152	1.157	1.148	15.0	0.226	0.260	
10115	63338	384900	.97408	.1071	1.166	1.171	1.162	16.4	0.073	0.085	
10309	21407	197755	.12374	.0837	1.100	1.104	1.095	7.1	0.014	0.015	
11020	9662	41930	.74756	.0633	1.161	1.166	1.157	15.9	0.138	0.160	
11127	70197	517511	1.27883	.1229	1.200	1.205	1.195	25.0	0.008	0.010	
11128	29210	197645	.83352	.0837	1.159	1.164	1.155	16.1	0.062	0.072	
11204	38829	122057	.01868	.0739	1.103	1.107	1.098	9.6	1.350	1.480	
11234	22421	173434	.73969	.0806	1.153	1.158	1.149	15.4	0.052	0.060	
12014	20458	180181	.43371	.0815	1.128	1.133	1.124	12.5	0.032	0.036	
12356	5664	52824	2.61966	.0648	1.282	1.287	1.277	25.0	0.028	0.035	U
12510	3391	36946	.00000	.0627	1.115	1.119	1.110	13.0	0.023	0.026	
12805	1022841	5852756	1.28713	.4881	1.237	1.242	1.232	22.8	0.127	0.156	
13351	806026	5829198	1.61779	.4871	1.398	1.404	1.393	25.0	0.040	0.050	U
13352	7021	37589	.00000	.0628	1.114	1.118	1.109	10.5	0.038	0.042	
13506	113508	560360	.88767	.1279	1.151	1.156	1.147	15.4	0.065	0.075	
13507	45421	284989	.00494	.0947	1.077	1.081	1.072	7.4	0.149	0.160	
13716	574004	3939309	.80785	.3982	1.037	1.041	1.033	3.1	0.098	0.101	
13759	19629	157553	.01219	.0785	1.097	1.101	1.092	9.3	0.118	0.129	
14101	9125	90074	.20354	.0697	1.120	1.124	1.115	10.5	0.038	0.042	
14279	106852	758577	1.22375	.1503	1.194	1.199	1.189	18.2	0.055	0.065	
14913	86184	476951	.85696	.1181	1.150	1.155	1.146	14.7	0.150	0.172	
15538	7739	106557	.42102	.0719	1.134	1.139	1.130	13.3	0.015	0.017	
15600	5267	47689	2.36657	.0641	1.265	1.270	1.260	25.9	0.085	0.107	
15608	1557	22466	.00000	.0607	1.117	1.121	1.112	12.5	0.008	0.009	
15839	23010	200505	.18726	.0841	1.105	1.109	1.100	8.7	0.023	0.025	
15991	40306	265009	1.24642	.0922	1.194	1.199	1.189	18.5	0.065	0.077	
15993	7335	47284	.31343	.0640	1.133	1.138	1.129	12.2	0.041	0.046	
16403	89764	504235	1.68923	.1213	1.250	1.255	1.245	24.4	0.168	0.209	
16676	995	6633	.00000	.0586	1.119	1.123	1.114	8.3	0.012	0.013	

```
X-TILDE:   .980    X-TILDE (MONOLINE):   .996    PI-TILDE: .0024820
TAU SQUARED:  .06408    SIGMA SQUARED:   446118.19735


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

```
                                          LOSS COST % CHANGE BY CLASS
SUBLINE: LOCAL PRODUCTS/COMPLETED OPERATIONS
CLASS GROUP: 02
NUMBER OF YEARS OF DATA USED: 5
CHANGE FACTOR = INDEX * CG REL * SWRL USED = INDEX *  .986 *   1.006
```

	AYE 2019 MONO/MULTI ALCCL	5 YEAR MONO/MULTI ALCCL	5 YEAR MONO/MULTI EXPERIENCE RATIO	CRED.	FORMULA ER	INDEX	CHANGE FACTOR	STATE-WIDE % CHANGE	PRESENT STATEWIDE OCCUR	PROPOSED STATEWIDE OCCUR	
CLASS	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	
18078	54991	585047	.33780	.1307	1.078	1.082	1.073	7.1	0.112	0.120	
18109	563	3237	.65647	.0581	1.158	1.163	1.154	13.8	0.029	0.033	
18110	52309	365979	1.08687	.1048	1.178	1.183	1.173	18.8	0.032	0.038	
18206	389069	3007355	1.14489	.3420	1.174	1.179	1.169	17.3	0.098	0.115	
18335	9272	51208	.00000	.0646	1.112	1.116	1.107	12.5	0.016	0.018	
18506	29	273	.00000	.0577	1.121	1.126	1.117	16.7	0.006	0.007	
18507	1011	9300	.45151	.0589	1.146	1.151	1.142	14.3	0.007	0.008	
18708	10953	65315	8.90380	.0665	1.702	1.709	1.695	25.0	0.016	0.020	U
18834	6959	39493	.00000	.0630	1.114	1.118	1.109	11.2	0.116	0.129	
18911	4267	41302	.28425	.0632	1.132	1.137	1.128	12.5	0.016	0.018	
18912	1285	6706	1.11930	.0586	1.185	1.190	1.180	19.4	0.031	0.037	
18920	390	4303	.41831	.0583	1.144	1.149	1.140	11.8	0.017	0.019	
45819	427453	3459146	.78007	.3705	1.038	1.042	1.034	4.1	0.049	0.051	
49618	533	2686	2.00372	.0581	1.236	1.241	1.231	22.6	0.062	0.076	
49619	162298	1170485	1.07721	.1933	1.168	1.173	1.164	16.5	0.097	0.113	

```
X-TILDE:   .980    X-TILDE (MONOLINE):   .996    PI-TILDE: .0024820
TAU SQUARED:  .06408    SIGMA SQUARED:   446118.19735

L - CAPPED DOWN
U - CAPPED UP
N - NOT SUBJECT TO CAPPING
E - SUBJECT TO CAPPING EXCEPTION
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```
                                          LOSS COST % CHANGE BY CLASS
SUBLINE: LOCAL PRODUCTS/COMPLETED OPERATIONS
CLASS GROUP: 11
NUMBER OF YEARS OF DATA USED: 5
CHANGE FACTOR = INDEX * CG REL * SWRL USED = INDEX * 1.026 *   1.006
```

	AYE 2019 MONO/MULTI ALCCL	5 YEAR MONO/MULTI ALCCL	5 YEAR MONO/MULTI EXPERIENCE RATIO	CRED.	FORMULA ER	INDEX	CHANGE FACTOR	STATE-WIDE % CHANGE	PRESENT STATEWIDE OCCUR	PROPOSED STATEWIDE OCCUR
CLASS	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
92053	0	0	.00000	.0000	.904	1.000	1.032	3.5	0.570	0.590
92054	0	3	.00000	.1250	.791	.831	.858	-14.1	0.205	0.176
92055	728	3196	.00000	.1255	.791	.831	.858	-14.2	0.212	0.182
95124	772399	5364814	1.40598	.5404	1.175	1.234	1.274	25.0	0.760	0.950 U
98303	147535	363703	.28997	.1755	.797	.837	.864	-13.6	8.190	7.080
98304	2931997	15065040	1.03869	.7527	1.005	1.056	1.090	9.1	3.390	3.700
98305	3864750	17548383	1.02530	.7788	.999	1.049	1.083	8.4	1.900	2.060
98306	8401	63016	.71626	.1342	.879	.923	.953	-5.2	0.960	0.910
98307	1924	9954	.18766	.1265	.814	.855	.882	-12.0	0.500	0.440
98308	606087	2955716	.96315	.4158	.929	.976	1.007	0.9	1.140	1.150
98309	34728	123092	1.97372	.1428	1.057	1.110	1.146	14.8	2.230	2.560
98344	65561	337662	.63857	.1721	.859	.902	.931	-6.3	0.790	0.740
98449	2905700	13169555	.86444	.7281	.875	.919	.949	-5.0	28.000	26.600
98805	266709	1238651	1.35678	.2760	1.029	1.081	1.116	11.9	1.350	1.510
98813	429034	2006280	.90271	.3460	.904	.950	.981	-2.0	1.980	1.940
98967	2083277	8339739	1.15457	.6361	1.064	1.118	1.154	15.7	10.800	12.500
99003	51925	252016	.50527	.1606	.840	.882	.910	-9.3	1.400	1.270
99826	41570	216804	1.22185	.1558	.954	1.002	1.034	3.4	0.580	0.600
99827	76024	468640	.74652	.1890	.875	.919	.949	-5.3	0.570	0.540
99948	3531130	14197320	.88344	.7420	.889	.934	.964	-3.6	28.100	27.100
99952	700296	2049750	.89950	.3496	.903	.949	.980	-2.0	19.700	19.300
99953	301600	1270589	.54588	.2793	.804	.845	.872	-12.8	12.500	10.900
99954	203983	859815	.27440	.2357	.756	.794	.820	-18.0	10.900	8.940
99955	887735	3922902	.71268	.4731	.814	.855	.882	-11.8	7.890	6.960

```
X-TILDE:   .982    X-TILDE (MONOLINE):   .952    PI-TILDE: .0073150
TAU SQUARED:  .03000   SIGMA SQUARED:   178105.44593


L - CAPPED DOWN
U - CAPPED UP
N - NOT SUBJECT TO CAPPING
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```
                                              LOSS COST % CHANGE BY CLASS
SUBLINE: LOCAL PRODUCTS/COMPLETED OPERATIONS
CLASS GROUP: 12
NUMBER OF YEARS OF DATA USED: 5
CHANGE FACTOR = INDEX * CG REL * SWRL USED = INDEX * 1.009 *   1.006
```

			5 YEAR					STATE-		
	AYE 2019	5 YEAR	MONO/MULTI					WIDE	PRESENT	PROPOSED
	MONO/MULTI	MONO/MULTI	EXPERIENCE		FORMULA		CHANGE	%	STATEWIDE	STATEWIDE
	ALCCL	ALCCL	RATIO	CRED.	ER	INDEX	FACTOR	CHANGE	OCCUR	OCCUR
CLASS	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
91111	2268472	12167763	.82641	.4003	.888	.964	.979	-2.2	6.430	6.290
91150	1291763	6405288	.84259	.2741	.905	.983	.998	-0.2	5.950	5.940
91155	7609539	25253350	.96576	.5700	.950	1.031	1.047	4.6	45.400	47.500
91340	29750328	118173738	.84838	.8571	.860	.934	.948	-5.2	10.100	9.570
91341	13326623	56686319	.96407	.7440	.955	1.037	1.053	5.4	5.210	5.490
91342	13564108	56072729	.91916	.7419	.922	1.001	1.016	1.5	3.970	4.030
91343	392625	2241836	.67400	.1440	.892	.969	.984	-1.3	1.500	1.480
91436	250021	1463825	.65044	.1144	.897	.974	.989	-1.3	2.310	2.280
91507	37712	200444	.03062	.0616	.874	.949	.963	-3.6	3.630	3.500
91551	943391	4783689	.81380	.2285	.903	.980	.995	0.0	0.690	0.690
91555	139089	924711	.59929	.0926	.899	.976	.991	-1.0	1.010	1.000
91560	15239602	65434580	.89549	.7699	.903	.980	.995	-0.4	4.690	4.670
91577	2265561	10081409	1.08284	.3600	.985	1.069	1.085	8.6	3.360	3.650
91746	2669377	16902421	1.03609	.4752	.980	1.064	1.080	7.9	4.180	4.510
92101	570026	2703568	.86154	.1607	.918	.997	1.012	1.3	3.160	3.200
92102	626935	3142958	1.35832	.1760	1.005	1.091	1.107	10.7	3.730	4.130
92215	9682937	47978018	.94882	.7117	.943	1.024	1.039	3.8	3.140	3.260
92338	5981772	24917952	.98583	.5668	.961	1.043	1.059	5.9	2.360	2.500
92446	523512	1774578	.26432	.1265	.845	.917	.931	-6.7	1.780	1.660
92447	36396	246335	.56732	.0636	.906	.984	.999	0.0	1.650	1.650
92451	3030632	15676288	.94417	.4577	.936	1.016	1.031	3.1	2.230	2.300
92478	16598290	86546479	.87755	.8151	.887	.963	.977	-2.3	1.750	1.710
94007	13015961	47943092	.94309	.7115	.939	1.020	1.035	3.5	6.080	6.290
94276	2004601	9466861	.72518	.3471	.858	.932	.946	-5.4	5.010	4.740
94569	3038799	16298928	1.01404	.4667	.969	1.052	1.068	6.8	3.840	4.100
95410	7681148	34870687	.84872	.6440	.877	.952	.966	-3.5	3.160	3.050
95455	474035	3049183	2.24236	.1728	1.156	1.255	1.274	25.7	1.360	1.710 U
95505	101045	553749	1.42882	.0770	.968	1.051	1.067	6.9	2.330	2.490
95625	2118395	9185172	1.24147	.3410	1.036	1.125	1.142	14.2	4.020	4.590
95647	24454549	163251023	.91398	.8921	.916	.995	1.010	1.0	4.880	4.930
96053	758756	2771838	.72645	.1631	.896	.973	.988	-1.2	5.090	5.030
96410	1911713	8357797	.96650	.3224	.941	1.022	1.037	4.2	9.790	10.200
96611	399552	1656120	.21839	.1219	.843	.915	.929	-6.8	1.610	1.500
97447	9249025	41520559	1.03613	.6819	1.002	1.088	1.104	10.3	5.510	6.080
97650	517547	2150339	.81629	.1407	.913	.991	1.006	0.7	4.170	4.200
97651	380452	1693930	1.31869	.1234	.977	1.061	1.077	7.6	4.090	4.400
97652	63661	297996	6.65931	.0659	1.307	1.419	1.440	25.9	4.250	5.350 U

```
X-TILDE:   .908    X-TILDE (MONOLINE):   .921    PI-TILDE: .0033020
TAU SQUARED:  .03000   SIGMA SQUARED:   629739.98264


L - CAPPED DOWN
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                                      LOSS COST % CHANGE BY CLASS
SUBLINE: LOCAL PRODUCTS/COMPLETED OPERATIONS
CLASS GROUP: 12
NUMBER OF YEARS OF DATA USED: 5
CHANGE FACTOR = INDEX * CG REL * SWRL USED = INDEX * 1.009 *   1.006


                              5 YEAR                                    STATE-
          AYE 2019    5 YEAR  MONO/MULTI                                WIDE   PRESENT    PROPOSED
          MONO/MULTI  MONO/MULTI EXPERIENCE         FORMULA    CHANGE   %      STATEWIDE  STATEWIDE
          ALCCL       ALCCL    RATIO      CRED.  ER     INDEX  FACTOR   CHANGE OCCUR      OCCUR
CLASS     (1)         (2)      (3)        (4)    (5)    (6)    (7)      (8)    (9)        (10)
-----     ----------  ---------- ---------- ------ ------- ----- ------- ------ ---------  ---------
97653        974964    4113929   .79201    .2079  .901   .978    .993   -0.6   3.160      3.140
97654         79349     441113   .25524    .0721  .881   .957    .971   -3.0   2.970      2.880
97655       1772553    7867958   .53192    .3109  .806   .875    .888  -11.2   5.440      4.830
98002         39863     245724   .00000    .0636  .870   .945    .959   -4.0   1.010      0.970
98482      25495125  116336482   .99882    .8552  .989  1.074   1.090    9.0   7.580      8.260
98483      35908648  159239361   .89091    .8897  .895   .972    .987   -1.4  21.300     21.000
98502        469815    2061015  1.05399    .1373  .946  1.027   1.042    4.3   4.180      4.360
98636       2237280   10572118   .81355    .3700  .886   .962    .976   -2.3   3.540      3.460
98677       5344790   22744209   .90626    .5453  .917   .996   1.011    0.8  11.900     12.000
98678       3798440   14320999   .85947    .4368  .899   .976    .991   -1.2  17.300     17.100
98806        701631    3867294   .76805    .2000  .897   .974    .989   -1.1   3.510      3.470
98820       3706455   17477836   .90958    .4831  .920   .999   1.014    1.3   3.720      3.770
98884       2534884   12276982  1.06722    .4022  .985  1.069   1.085    8.3   2.040      2.210
99004         40943     191744   .09161    .0612  .878   .953    .967   -3.3   1.800      1.740
99080       1606974    6564691   .55415    .2783  .825   .896    .909   -9.1   8.590      7.810
99315       1316256    6651186  1.12482    .2806  .984  1.068   1.084    8.3   2.050      2.220
99321       2273782   11071982   .81948    .3798  .888   .964    .979   -2.0   2.560      2.510
99613       1361235    7243120   .87131    .2957  .912   .990   1.005    0.5   2.200      2.210
99650        541338    3186615   .97049    .1775  .937  1.017   1.032    2.9   1.030      1.060
99746       3781691   19686219   .94660    .5111  .938  1.018   1.033    3.4   3.190      3.300
```

```
X-TILDE:   .908    X-TILDE (MONOLINE):   .921    PI-TILDE: .0033020
TAU SQUARED:   .03000    SIGMA SQUARED:   629739.98264


L - CAPPED DOWN
U - CAPPED UP
N - NOT SUBJECT TO CAPPING
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```
                                           LOSS COST % CHANGE BY CLASS
SUBLINE: LOCAL PRODUCTS/COMPLETED OPERATIONS
CLASS GROUP: 13
NUMBER OF YEARS OF DATA USED: 5
CHANGE FACTOR = INDEX * CG REL * SWRL USED = INDEX *  .940 *   1.006


                             5 YEAR                                         STATE-
         AYE 2019   5 YEAR   MONO/MULTI                                      WIDE    PRESENT    PROPOSED
         MONO/MULTI MONO/MULTI EXPERIENCE         FORMULA         CHANGE     %       STATEWIDE  STATEWIDE
         ALCCL      ALCCL    RATIO      CRED.      ER     INDEX    FACTOR     CHANGE  OCCUR      OCCUR
CLASS    (1)        (2)      (3)        (4)        (5)    (6)      (7)        (8)     (9)        (10)
-----    ----------  ---------- ----------  ------  -------  -----  -------  ------  ---------  ---------
91125       58636      162512    .05379    .1518    .683    .857    .810    -19.0    2.050      1.660
91127      869166     4239268    .63172    .5829    .700    .878    .830    -16.7    1.320      1.100
91235      369035     2299352    .51093    .4499    .667    .837    .792    -19.9    3.070      2.460 L
91265       37948      111011    .36466    .1406    .735    .922    .872    -12.8    3.670      3.200
91266      215214     1054296   1.10339    .3083    .890   1.117   1.056      5.7    1.050      1.110
91280        6569       61123   3.28487    .1295   1.118   1.403   1.327     25.8    3.260      4.100 U
94381     2208601     7209203   1.04766    .6956    .971   1.218   1.152     15.2   15.100     17.400
94404      149522      436075   1.59215    .2069    .960   1.205   1.139     13.9    5.700      6.490
95310      471665     1674290   1.22455    .3869    .961   1.206   1.140     14.2    1.340      1.530
96408     1785806     7440848    .77884    .7019    .784    .984    .931     -7.0   14.200     13.200
96409     2018886    10647992    .90022    .7682    .876   1.099   1.039      3.9   10.200     10.600
97221      768173     5395438    .73833    .6355    .759    .952    .900     -9.6    1.140      1.030
97222     3496138    19701705    .73997    .8576    .748    .939    .888    -11.0    1.820      1.620
97223     4169848    20199276    .65459    .8605    .674    .846    .800    -20.0    4.200      3.360
98152      569148     3010243   1.16138    .5075    .981   1.231   1.164     15.8    0.760      0.880
98157       60557      303089    .00000    .1810    .651    .817    .773    -18.6    0.430      0.350 L
98163        2991        7244    .00000    .1171    .702    .881    .833    -16.7    0.210      0.175
98164       20517       82716    .00000    .1343    .689    .864    .817    -18.1    0.072      0.059
98659          13         589    .00000    .1155    .704    .883    .835    -15.4    0.390      0.330
98914         211        2907    .00000    .1161    .703    .882    .834    -17.2    0.580      0.480
98949        4431       25026    .00000    .1212    .699    .877    .829    -16.1    0.310      0.260
98993     1372243     7741742    .53944    .7097    .614    .770    .728    -19.9    4.220      3.380 L
99163        3026       13659    .00000    .1186    .701    .880    .832    -15.9    0.440      0.370
99803       26629       79898   1.06397    .1337    .831   1.043    .986     -1.6   12.300     12.100
99946     2974675    15221307    .83094    .8240    .825   1.035    .979     -2.1    2.870      2.810
99969     1107289     4425261   1.23288    .5924   1.055   1.324   1.252     25.2    3.210      4.020
```

```
X-TILDE:   .792    X-TILDE (MONOLINE):   .797     PI-TILDE: .0068836
TAU SQUARED:  .03000   SIGMA SQUARED:   113438.02212


L - CAPPED DOWN
U - CAPPED UP
N - NOT SUBJECT TO CAPPING
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SECTION H

CONSIDERATION OF COVID-19

TABLE OF CONTENTS

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. The historical statistical data included in this filing is from a period where COVID-19 was not known to be present in the United States.

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 have been applied to the loss costs of several classes.

LOSS COST
ADJUSTMENTS
GENERAL LIABILITY

For General Liability, all manually rated classes were reviewed to determine how future economic conditions and changes in behavior could potentially impact the loss experience. The bulk of General Liability classes have economically sensitive exposure bases, including exposure bases gross sales and payroll. These economically sensitive exposure bases will generally adjust to new economic conditions and classes with these bases are not expected to have significant changes in loss potential per exposure. However, there are classes that use exposure bases that are not economically sensitive and would not necessarily be responsive to sudden changes. Classes with exposure bases that are not economically sensitive were reviewed for a potential loss cost adjustment.

The individual classes that use square feet as an exposure base were further examined to determine which may be impacted by long-term behavioral, social and economic changes. The new, large scale work from home policies put in place due to social distancing guidelines has the potential to become a long-lasting change in behavior. Companies may utilize their physical spaces differently than in the past. There will likely be more work from home options and more emphasis on digital solutions to replace physical, in-person meetings. Additionally, it will take time for companies to decrease their physical office footprint to reflect this new environment. With fewer workers, vendors, clients, and other outside visitors present in commercial buildings, there is an expected decrease in occurrences relative to the fixed exposure base of thousands of square feet for certain classes.

LOSS COST
ADJUSTMENTS
GENERAL LIABILITY
(Cont'd)

Nine classifications are being adjusted for this expected decrease in occurrence frequency. The classifications are OL&T classifications within Premises/ Operations Class Group 12 – Building and Offices. These classes are for risks that are primarily an office environment and are expected to be impacted by changes in the office work environment. The varying adjustments, -5% or -10%, reflects the expected decrease in foot traffic for the individual classes listed. The adjustment is a decrease to the revised Premises/Operations loss costs after application of all loss cost changes including any relativity changes and reflecting any capping and build back factors.

In Section A, the impact of adjusting these classes will be reflected in the filed loss costs and in the class group, subline, and overall loss cost level changes.

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%

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	ADJUSTED
M&C	+ 11.1%	+ 7.5%	+ 7.5%
OL&T	+ 16.6%	+ 16.6%	+ 15.5%
Premises/Operations	+ 14.4%	+ 12.9%	+ 12.2%
Products	- 3.4%	- 3.4%	- 3.4%
Local Products/Completed Operations	+ 0.7%	+ 0.7%	+ 0.7%
Products/Completed Operations	+ 0.1%	+ 0.1%	+ 0.1%
GL Overall	+ 10.5%	+ 9.5%	+ 9.0%

INDICATED
VS. SELECTED
VS. ADJUSTED

Indicated changes are based on standard ISO methodology. The selected changes are equal to the indicated changes for all sublines except for Manufacturers and Contractors where a selection of +7.5% was selected to temper the effect of the latest year. The adjusted loss cost level changes reflect the COVID-19 related adjustments for OL&T.

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 3/31/2020 for Premises/Operations.
Calendar - accident year data through year ended 12/31/2019 for Products/Completed Operations.

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

Due to the impact that the COVID-19 pandemic had on the March 2020 experience, we have decided to remove the experience for that month from our calculations. Therefore, any reference in this filing to the experience of year ending 3/31/2020 actually refers to the 11 months ending 2/29/2020.

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 10.5%, 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 12.7% increase in ALCCL;
- Implemented loss cost level change (-2.6%);
- A change in exposure trend plus an additional year of trending (-1.7%);
- The effect on ALCCL due to a change in average IPMFs (+2.8%).

The Basic Limit Experience Ratio (BLER) remained stable throughout all four common years.

Owners, Landlords and Tenants

The Aggregate Loss Costs at Current Level (ALCCL) increased by an average of 21.2%, when the four years common to both this year's and last year's reviews are compared. This is primarily accounted for by the following changes since the prior review:

- A change in company mix which caused an 12.1% increase in ALCCL;
- Implemented loss cost level change (+10.5%);
- A change in exposure trend plus an additional year of trending (+0.5%);
- The effect on ALCCL due to a change in average IPMFs (-2.2%).

The BLERs increased in 2017 (+11.0%), 2018 (+0.4%), and 2019 (+0.5%). This is mainly due to unfavorable experience across several class groups.

Products

Multistate ALCCL increased by an average of 9.5% over the four common years in the latest call. This can be accounted for by the following changes since the prior review:

- A change in company mix which caused a 10.8% increase in ALCCL;
- Implemented an average loss cost level change of approximately -0.1% in most states;
- A change in exposure trend plus an additional year of trending of -0.9%;
- The effect on ALCCL due to a change in average IPMFs (+1.1%).

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 16.3% 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 10.5% increase in ALCCL; • Implemented an average loss cost level change of approximately +9.2% in most states; • A change in exposure trend plus an additional year of trending of -2.0%; • The effect on ALCCL due to a change in average IPMFs (+0.8%). The BLERs changed due to the various effects listed above.
LATEST CALL YEAR TO YEAR COMPARISON	Manufacturers and Contractors	The ALCCL increased from 2016 to 2019 and then decreased thereafter. The low BLER for 2017 (0.892) is attributable to favorable experience in several class groups. The high BLER for 2020 (1.387) is attributable to unfavorable experience in several class groups.
	Owners, Landlords and Tenants	The ALCCL increased from 2016 to 2019 and then decreased thereafter. The high BLERs for 2016 (1.179), 2017 (1.307), 2018 (1.154), and 2020 (1.277) are attributable to unfavorable experience in several class groups.
	Products	The ALCCL increased from 2015 to 2017, decreased in 2018 and then increased thereafter. The BLER increased from 2015 to 2016 and then decreased thereafter.
	Local Products/ Completed Ops	The ALCCL increased steadily from 2015 to 2019. The BLER increased from 2015 to 2016, decreased in 2017 and then increased thereafter.

| LOSS DEVELOPMENT FACTOR COMPARISON | Manufacturers and Contractors | The BI indemnity loss development factors for the 2021 review slightly increased compared to those in the 2020 review. The PD indemnity loss development factors for the 2021 remained stable compared to those in 2020 review.

The multistate full coverage BI and PD indemnity loss development factors for the 2021 review remained stable compared to those in the 2020 review.

The multistate deductible coverage BI and PD indemnity loss development factors for the 2021 review remained stable compared to the 2020 review.

The multistate Fringe indemnity loss development factors for the 2021 review have increased compared to the 2020 review. |
|---|---|---|
| | Owners, Landlords and Tenants | The BI indemnity loss development factors for the 2021 review remained stable compared to those in the 2020 review, except for the 15 months-to-ultimate factor which increased by 10.2%. This can be largely attibuted to a higher 15-to-27 months state link ratio. The PD indeminty loss development factors for the 2021 review slightly increased compared to those in the 2020 review.

The multistate full coverage BI indemnity loss development factors for the 2021 review have increased compared to those in the 2020 review. The multistate full coverage PD indemnity loss development factors for the 2021 review remained stable compared to those in the 2020 review.

The multistate deductible coverage BI and PD indemnity loss development factors for the 2021 review have increased compared to those in the 2020 review.

The multistate Fringe indemnity loss development factors for the 2021 review remained stable compared to the 2020 review. |
| | Products | The multistate full coverage BI and PD indemnity loss development factors for the 2021 review have decreased compared to those in the 2020 review.

The multistate deductible coverage BI indemnity loss development factors for the 2021 review remained stable compared to the 2020 review. The multistate deductible coverage PD indemnity loss development factors for the 2021 review remained stable compared to those in the 2020 review, with an increase 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 and PD indemnity loss development factors for the 2021 review remained stable compared to those in the 2020 review. The multistate deductible coverage BI indemnity loss development factors for the 2021 review remained stable compared to the 2020 review. The multistate deductible coverage PD indemnity loss development factors for the 2021 review have decreased compared to the 2020 review.

For Completed Operations, the full coverage BI indemnity loss development factors for the 2021 review remained stable compared to those in the 2020 review. The full coverage PD indemnity loss development factors for the 2021 review remained stable compared to those in the 2020 review, except for the 27, 39 51, and 63 months-to-ultimate factors which decreased by 12.7%, 13.5%, 12.5%, and 10.8%, respectively. This can largely be attributed to various lower state link ratios.

The Completed Operations multistate full coverage BI indemnity loss development factors for the 2021 review have decreased compared to those in the 2020 review. The multistate full coverage PD indemnity loss development factors for the 2021 review remained stable compared to those in the 2020 review. The multistate deductible coverage BI indemnity loss development factors for the 2021 review have decreased compared to those in the 2020 review. The multistate deductible coverage PD indemnity loss development factors for the 2021 review have increased compared to those in the 2020 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 +4.5%, unchanged from +4.5% in the previous Calendar review. The PD severity trend selection is +4.5%, unchanged 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 +4.5%, up from +4.0% in the previous Calendar review. The PD severity trend selection is +5.5%, up from +5.0% in the previous Calendar review. The Fringe severity selection is 0.0%, down from +1.0% 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 +5.5%, down from +6.0% in the previous review.
	Local Products/ Completed Ops	The BI severity trend selection is +5.0%, up from +4.0% in the previous review. The PD selected severity trend is +4.5%, unchanged from +4.5% in the previous review.

FREQUENCY TREND COMPARISON	We have selected a frequency trend of 0.0% 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 higher than the prior point.

EXPOSURE TREND COMPARISON	Manufacturers and Contractors	The exposure trend factors for Manufacturers are lower than that used in the previous review for all three years. The exposure trend factors for Contractors are lower 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 lower than that used in the previous review for the two earliest years and remain same for the latest year.
	Products	The exposure trend factors are lower than that used in the previous review for all three years.
	Local Products/ Completed Ops	The exposure trend factors for Local Products are lower than that used in the previous review for all three years. The exposure trend factors for Completed Operations are lower 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 0.972. In the 2020 review the weighted average IPMF was 0.925.
	Owners, Landlords and Tenants	The current weighted average IPMF is 0.882. In the 2020 review the weighted average IPMF was 0.918.
	Products	The current multistate weighted average IPMF is 0.865. In the 2020 review the multistate weighted average IPMF was 0.859.
	Local Products/ Completed Ops	The current multistate weighted average IPMF is 0.998. In the Group 2, 2020 review the multistate weighted average IPMF was 0.984.

The IPMF's are applied to the multiline ALCCL.

CLASS GROUP/ TERRITORY/ STATE RELATIVE CHANGE	The class group relative changes for Manufacturers and Contractors vary within reasonable limits.

The class group and territory relative changes for Owners, Landlords and Tenants vary within reasonable limits.

For Local Products, Arizona's state balanced relative change (0.916) ranks 3rd lowest overall. In last year's review, Arizona's state balanced relative change (0.930) ranked 5th lowest overall.

CHANGE IN COMPANY MIX SINCE LAST CALL	For Manufacturers and Contractors the change in company mix results in an average increase of 12.7% in the total statewide ALCCL.

For Owners, Landlords and Tenants, the change in company mix results in an average increase of 12.1% in the total statewide ALCCL.

For Products, the change in company mix results in a 10.8% increase in the total multistate ALCCL.

For Local Products/Completed Operations, the change in company mix results in a 10.5% increase in the total multistate ALCCL.

CLASSES 10010–15063   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	.179	.189	10205	.41	–	11210	2.19	–	13207	(a)	(a)
10015	10.60	–	10220	7.79	–	11211	11.40	–	13208	(a)	(a)
10020	(a)	(a)	10255	.222	.151	11212	1.72	–	13314	.198	.014
10026	1.07	.018	10256	.81	.183	11213	1.40	–	13351	.48	.05
10036	.60	(a)	10257	.153	.148	11214	3.45	–	13352	.49	.042
10040	.136	.32	10309	.27	.015	11222	.058	–	13410	1.28	2.35
10042	.61	.44	10315	.63	(a)	11234	.47	.06	13411	(a)	(a)
10052	7.35	–	10331	14.40	–	11248	.042	.016	13412	.43	1.21
10054	6.52	–	10332	24.80	–	11258	1.19	.135	13453	.50	(a)
10060	.29	.08	10352	.58	.051	11259	1.28	.112	13454	.58	(a)
10065	.44	.036	10367	2.92	–	11273	23.10	–	13455	.59	(a)
10066	.45	.051	10368	4.27	–	11274	22.10	–	13461	(a)	(a)
10070	.102	.151	10375	(a)	–	11288	1.46	.066	13506	1.52	.075
10071	.53	.093	10378	14.60	–	12014	.091	.036	13507	1.83	.16
10072	3.31	–	10379	6.77	–	12356	1.96	.035	13590	.44	.67
10073	.93	.51	10380	11.60	–	12361	.11	.07	13621	.111	.33
10075	6.92	.219	10381	10.00	–	12362	.112	(a)	13670	.061	.017
10100	.99	.056	11007	1.24	–	12373	.043	.023	13673	.90	.012
10101	.40	.177	11020	.50	.16	12374	1.02	.067	13715	.112	.145
10105	4.29	–	11039	.81	.068	12375	.50	.033	13716	.75	.101
10107	2.85	.26	11052	5.80	–	12391	.084	.07	13720	.51	.055
10110	36.10	–	11101	(a)	(a)	12393	.66	(a)	13759	.29	.129
10111	.224	.067	11120	(a)	–	12467	.28	(a)	13930	.24	.174
10113	.59	–	11126	.103	.024	12509	.055	.031	14068	.065	.012
10115	1.18	.085	11127	.57	.01	12510	.70	.026	14101	.76	.042
10117	10.50	–	11128	.77	.072	12583	.31	(a)	14279	.42	.065
10119	(a)	–	11138	3.60	–	12651	.91	.51	14401	1.20	.103
10120	23.70	–	11155	.35	–	12683	.42	(a)	14405	.73	–
10130	5.85	–	11160	(a)	(a)	12707	.74	.56	14527	.46	.179
10132	5.04	–	11167	1.34	–	12797	.155	.194	14655	.146	–
10133	5.58	–	11168	6.93	–	12805	.53	.156	14731	5.76	–
10135	(a)	–	11201	10.90	–	12841	.89	–	14732	.43	–
10140	.05	.022	11202	3.22	–	12927	.155	–	14733	1.02	–
10141	.101	.023	11203	1.33	.46	13049	.057	.051	14734	.44	–
10145	.49	.007	11204	.52	1.48	13111	1.10	.092	14855	.195	.133
10146	.44	.015	11205	(a)	–	13112	.093	.063	14913	.55	.172
10150	.82	(a)	11206	.50	–	13201	.81	.144	15060	(a)	(a)
10151	20.60	–	11207	6.38	–	13204	.91	1.14	15061	(a)	(a)
10160	3.67	–	11208	1.09	–	13205	.35	.42	15062	.175	(a)
10204	.37	–	11209	5.13	–	13206	(a)	(a)	15063	.204	(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
15070	.098	–	16750	.172	.034	18707	.017	.005	40117	(a)	–
15119	(a)	–	16751	.172	–	18708	.189	.02	40140	(a)	–
15120	(a)	–	16819	1.06	(a)	18833	.201	(a)	41001	.40	–
15123	5.56	–	16820	.82	(a)	18834	.49	.129	41210	(a)	–
15124	1.95	–	16881	2.70	(a)	18911	1.55	.018	41421	.72	–
15188	.31	(a)	16890	.124	(a)	18912	2.92	.037	41422	.38	–
15223	.072	.044	16891	.135	(a)	18920	.76	.019	41510	77.90	–
15224	.54	.054	16892	.246	(a)	18991	(a)	–	41603	34.00	–
15300	(a)	–	16900	3.06	.091	19007	2.17	–	41604	18.70	–
15314	.35	(a)	16901	1.96	.108	19051	4.82	–	41620	.91	–
15404	.08	(a)	16902	1.67	.048	19061	(a)	–	41650	47.90	–
15405	.118	(a)	16905	3.22	.091	19795	.51	(a)	41664	50.10	–
15406	.30	.053	16906	2.06	.108	19796	.59	–	41665	5.87	–
15488	.75	(a)	16910	1.84	.054	40005	(a)	–	41666	(a)	–
15538	.63	.017	16911	1.67	.052	40006	(a)	–	41667	137.00	–
15600	1.58	.107	16915	1.89	.043	40010	(a)	–	41668	128.00	–
15607	.128	–	16916	1.57	.053	40015	(a)	–	41669	.90	–
15608	.35	.009	16920	4.18	.099	40020	(a)	–	41670	1.51	–
15656	10.40	–	16921	3.82	.037	40026	(a)	–	41672	(a)	–
15699	.32	–	16930	2.40	.135	40031	(a)	–	41673	(a)	–
15733	.195	.034	16931	2.59	.064	40032	(a)	–	41675	(a)	–
15839	.47	.025	16940	5.22	.037	40040	(a)	–	41677	.188	–
15991	.39	.077	16941	2.09	.064	40041	(a)	–	41678	61.80	–
15993	.33	.046	18078	.204	.12	40042	(a)	–	41679	(a)	(a)
16005	.06	.031	18109	.65	.033	40045	331.00	–	41680	24.90	–
16009	.24	.106	18110	.52	.038	40046	65.40	–	41696	.60	–
16402	2.34	–	18200	(a)	–	40047	23.30	–	41697	.41	–
16403	1.48	.209	18205	.31	.38	40059	8.35	–	41700	(a)	–
16404	1.87	–	18206	.84	.115	40061	4.43	–	41715	15.80	–
16471	.181	–	18335	.60	.018	40063	148.00	–	41716	10.10	–
16501	.126	(a)	18435	1.05	.05	40064	43.60	–	43007	(a)	–
16527	.193	.32	18436	.85	.123	40066	(a)	–	43117	(a)	–
16588	.111	(a)	18437	.86	(a)	40067	(a)	–	43151	41.70	–
16604	.186	.122	18438	1.65	(a)	40069	(a)	–	43152	18.50	–
16670	5.98	–	18501	.96	.011	40072	(a)	–	43200	159.00	–
16676	.49	.013	18506	.39	.007	40075	83.80	–	43215	(a)	–
16694	.37	(a)	18507	.31	.008	40101	36.70	–	43421	43.40	–
16705	.36	.131	18570	3.24	–	40102	32.40	–	43422	228.00	–
16722	(a)	–	18575	(a)	(a)	40111	11.70	–	43424	(a)	–
16723	(a)	–	18616	.30	.59	40115	(a)	–	43470	3.47	–

\$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
43517	(a)	–	44277	138.00	–	46004	45.50	–	47471	6.22	–
43518	21.50	–	44280	.188	–	46005	36.40	–	47473	8.14	–
43550	155.00	–	44311	11.10	–	46112	.144	–	47474	9.10	–
43551	86.00	–	44315	7.45	–	46202	3.18	–	47475	7.18	–
43626	17.20	–	44427	133.00	–	46362	216.00	–	47476	7.18	–
43628	223.00	–	44428	134.00	–	46426	31.50	–	47477	9.58	–
43629	189.00	–	44429	2.00	–	46427	42.10	–	47478	10.10	–
43754	(a)	–	44430	1.39	–	46510	(a)	–	47600	(a)	–
43760	6.30	–	44431	4.44	–	46590	(a)	–	47610	(a)	–
43822	2.76	–	44432	1.41	–	46603	2.64	–	48039	112.00	–
43840	.034	–	44433	44.90	–	46604	3.05	–	48177	(a)	–
43860	2.17	–	44434	85.90	–	46606	8.14	–	48178	(a)	–
43889	.78	–	44435	88.90	–	46607	11.20	–	48206	45.40	–
43945	(a)	–	44436	104.00	–	46622	8.06	–	48252	(a)	–
43946	(a)	–	44437	86.10	–	46671	(a)	–	48441	.191	–
43990	(a)	(a)	44438	68.00	–	46700	319.00	–	48557	19.10	–
43991	(a)	–	44439	132.00	–	46773	(a)	–	48558	16.60	–
44009	6.78	–	44440	110.00	–	46822	(a)	–	48600	63.10	–
44010	(a)	(a)	44500	(a)	–	46881	(a)	–	48610	(a)	–
44069	18.40	–	44501	(a)	–	46882	(a)	–	48636	1.80	(a)
44070	5.44	–	45190	2.51	–	46911	34.00	–	48637	14.60	–
44071	6.05	–	45191	1.78	–	46912	62.30	–	48638	7.24	–
44072	4.18	–	45192	2.08	–	46913	(a)	–	48727	(a)	–
44100	2.24	–	45193	1.23	–	46914	(a)	–	48808	2.67	–
44101	2.33	–	45210	1.55	–	46915	(a)	–	48924	(a)	–
44102	1.82	–	45224	(a)	–	46916	(a)	–	48925	349.00	–
44103	1.61	–	45225	(a)	–	47050	.75	–	49005	.128	–
44104	.68	–	45334	91.40	–	47051	(a)	–	49111	4.08	–
44105	(a)	–	45380	.229	(a)	47052	(a)	–	49181	36.70	–
44106	(a)	–	45450	26.90	–	47103	(a)	–	49183	44.80	–
44108	.79	–	45523	(a)	–	47146	(a)	–	49184	94.50	–
44109	2.01	–	45524	(a)	–	47147	(a)	–	49185	86.00	–
44110	2.05	–	45539	(a)	–	47221	350.00	–	49239	.171	.46
44111	1.26	–	45678	.203	–	47253	(a)	–	49292	2.69	–
44112	.75	–	45771	.35	.139	47254	(a)	–	49305	(a)	–
44113	(a)	–	45819	.113	.051	47318	14.00	–	49333	19.70	–
44193	(a)	–	45900	.181	.036	47367	.188	–	49451	(a)	–
44194	(a)	–	45901	.155	.045	47420	3.06	–	49452	(a)	–
44222	(a)	–	45937	.36	–	47468	(a)	–	49617	.46	.221
44276	213.00	–	45993	(a)	(a)	47469	7.18	–	49618	.38	.076

ARIZONA (02)   COMMERCIAL LINES MANUAL   **CLASSES 49619–53632**
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
49619	.72	.113	51315	.111	.096	51809	.53	.146	52341	.051	(a)
49763	4.70	–	51330	.11	.66	51833	.147	.054	52342	.149	(a)
49800	(a)	–	51333	.036	.32	51850	.27	(a)	52343	.091	(a)
49801	308.00	–	51340	.052	(a)	51851	.18	(a)	52401	.28	(a)
49802	27.30	–	51350	.227	.127	51852	.42	(a)	52402	.029	(a)
49803	48.40	–	51351	.203	.049	51853	.17	(a)	52432	.143	(a)
49840	.78	–	51352	.28	.101	51854	.38	(a)	52433	.13	.80
49870	146.00	–	51355	.19	.091	51855	.40	(a)	52435	.163	(a)
49890	(a)	–	51356	.204	.56	51856	.22	(a)	52438	.118	(a)
49891	(a)	–	51357	.158	.76	51857	.38	(a)	52440	.185	(a)
49902	(a)	–	51358	.38	.129	51869	.141	.136	52467	.171	(a)
49903	(a)	–	51359	.33	.71	51877	.80	.191	52469	.06	.096
50010	.31	.38	51370	.62	3.83	51889	.131	.011	52505	.30	.237
50015	.20	(a)	51380	.062	.041	51896	.061	.017	52547	.244	.07
50017	.152	(a)	51400	.26	(a)	51900	.11	.10	52581	1.46	2.19
50045	.35	(a)	51401	.38	(a)	51909	.24	.053	52619	.102	(a)
50047	.039	(a)	51500	.117	.116	51919	.132	(a)	52660	.067	–
51001	.062	.42	51516	.057	–	51926	.135	.044	52744	.56	.066
51005	.013	(a)	51517	.064	–	51927	.073	.132	52767	.223	(a)
51116	.156	.69	51550	.144	.40	51934	.147	.107	52876	(a)	(a)
51201	.053	(a)	51551	.05	.89	51941	.134	.041	52911	.081	.42
51205	.16	.059	51552	.087	.152	51942	.214	–	52967	.031	.058
51206	.025	.32	51553	.155	(a)	51956	.58	.205	53001	.30	.30
51210	.108	(a)	51554	.015	(a)	51957	.51	.46	53077	.144	.219
51211	(a)	(a)	51575	.061	.021	51958	.45	.37	53095	.099	(a)
51220	.37	1.90	51576	.28	.097	51959	.46	(a)	53096	.137	(a)
51221	.206	1.76	51600	.189	.172	51960	.061	.33	53121	.39	.40
51222	.25	4.53	51613	.125	.139	51970	.27	.177	53147	.038	(a)
51224	.26	1.49	51625	.057	(a)	51982	.078	.077	53229	.211	(a)
51230	.045	.74	51666	.096	.089	51985	.053	–	53271	.073	(a)
51240	.63	.196	51702	.17	(a)	51986	.31	.096	53333	.208	.248
51241	1.88	.218	51703	.07	(a)	51999	.13	.40	53374	.148	.26
51250	.28	(a)	51734	.132	.35	52002	.114	.114	53375	.079	.27
51251	.054	(a)	51741	.33	.243	52075	.209	.222	53376	.126	.183
51252	.191	.074	51752	.28	.15	52076	.25	(a)	53377	.129	.188
51253	.163	(a)	51767	.028	.007	52109	.029	(a)	53403	.082	(a)
51254	.051	.032	51777	.098	.077	52134	.38	.60	53425	.196	(a)
51255	.72	(a)	51790	.163	(a)	52137	.082	(a)	53565	.095	.096
51300	.135	.147	51796	.12	(a)	52150	.70	(a)	53631	.045	.021
51305	.135	.88	51808	.43	.68	52315	.127	.27	53632	.052	.032

CLASSES 53731–59693   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
53731	.048	(a)	56170	.192	(a)	57401	.095	.089	58503	.114	.077
53732	.33	.47	56171	.094	(a)	57403	.20	.033	58532	.147	(a)
53733	.212	.228	56202	.109	.078	57410	.046	.173	58559	.03	(a)
53734	.34	–	56390	.19	.70	57411	.048	(a)	58560	.072	(a)
53803	.47	(a)	56391	.163	.30	57572	.027	.099	58561	(a)	(a)
53901	(a)	(a)	56427	.26	.119	57600	.08	.033	58575	.093	.111
53902	(a)	(a)	56488	.163	.038	57611	.103	.055	58627	.30	.012
53903	(a)	(a)	56567	.199	(a)	57625	.71	(a)	58663	.44	.95
53904	(a)	(a)	56650	.61	(a)	57651	.086	.039	58682	.27	(a)
53905	(a)	(a)	56651	.33	(a)	57690	.134	.45	58713	.062	(a)
53907	.143	.086	56652	.237	(a)	57716	.063	.074	58737	.193	.55
53951	(a)	(a)	56653	.228	(a)	57725	.139	.075	58756	.082	(a)
53952	(a)	(a)	56654	.117	(a)	57726	.108	.023	58757	.65	(a)
53953	(a)	(a)	56690	.084	.33	57798	.043	(a)	58759	.08	(a)
54012	.034	–	56699	.121	.067	57800	.162	(a)	58802	.091	.48
54077	.196	.39	56758	.103	.14	57808	.053	(a)	58813	.202	(a)
54444	(a)	(a)	56759	.105	.078	57809	.055	(a)	58822	.25	(a)
55010	.59	.98	56760	.151	.099	57810	.053	.10	58837	.41	.161
55011	.16	1.75	56805	.199	(a)	57871	.063	.111	58840	.122	.121
55012	.19	1.11	56806	.141	(a)	57913	.21	.26	58873	.194	.027
55013	.177	1.12	56807	.14	(a)	57997	.075	–	58903	.058	(a)
55014	(a)	(a)	56808	.182	(a)	57998	.093	.054	58904	.044	.12
55214	.154	.083	56900	.175	(a)	57999	.088	.07	58922	.32	.179
55371	.38	.108	56910	.088	(a)	58009	.088	(a)	59005	.109	.089
55410	(a)	(a)	56911	.172	(a)	58010	.216	(a)	59057	.81	(a)
55426	.214	(a)	56912	.139	.084	58020	.215	(a)	59058	.52	(a)
55597	.039	1.68	56913	.113	(a)	58056	.26	(a)	59188	.43	.052
55647	.077	.065	56915	.67	(a)	58057	.162	(a)	59189	.59	.28
55648	.035	(a)	56916	.61	.215	58058	.146	(a)	59223	.201	.103
55649	.042	(a)	56917	.175	(a)	58095	.205	1.79	59257	.029	.012
55715	.31	.203	56918	.084	(a)	58096	.27	1.49	59306	.184	(a)
55716	.44	.49	56919	.214	(a)	58301	.067	.077	59378	.13	.141
55717	.28	(a)	56920	.196	(a)	58302	.073	.051	59481	.50	.096
55718	.27	(a)	56980	.152	(a)	58397	.43	.65	59482	.44	(a)
55802	.098	.011	57001	.052	.023	58408	.044	–	59537	.141	.232
55918	.175	2.26	57002	.034	.096	58409	.057	–	59601	.187	2.23
55919	.024	3.42	57090	.31	.68	58456	.03	–	59647	.199	.158
56040	.017	.03	57146	.199	.75	58457	.044	–	59660	.34	1.06
56041	.109	(a)	57202	.135	(a)	58458	.057	–	59661	.168	(a)
56042	.137	(a)	57257	.167	.034	58459	.068	–	59693	.028	–

Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops
59695	(a)	(a)	59964	.85	.066	63220	(a)	–	91190	1.98	(a)
59701	.013	.33	59970	.12	.169	64074	17.70	–	91200	.70	–
59713	.31	.33	59973	.235	(a)	64075	12.50	–	91210	(a)	–
59722	.159	.028	59975	.168	.19	64500	(a)	–	91235	2.31	2.46
59723	.06	.034	59977	.096	(a)	65007	33.60	–	91250	3.48	(a)
59724	.092	.015	59984	.064	.049	66122	14.40	–	91265	15.00	3.20
59725	.114	.145	59985	.25	(a)	66123	7.93	–	91266	7.93	1.11
59726	.083	.023	59986	.192	(a)	66309	23.20	–	91280	(a)	4.10
59738	.27	.059	59988	.043	.055	66561	53.70	–	91302	9.63	(a)
59750	.105	.181	59989	.034	.041	67017	49.80	–	91315	2.92	–
59751	.038	(a)	60010	23.40	–	67508	57.50	–	91324	6.51	(a)
59773	.025	.026	60011	26.90	–	67509	42.10	–	91325	(a)	(a)
59774	.021	.141	60012	44.20	–	67510	23.50	–	91340	4.25	9.57
59775	.027	.178	60013	37.90	–	67511	25.40	–	91341	4.21	5.49
59781	.091	.085	60015	28.30	–	67512	109.00	–	91342	3.90	4.03
59782	.136	.56	60016	31.80	–	67513	68.90	–	91343	.93	1.48
59783	.132	(a)	60035	37.80	–	67634	43.10	–	91405	4.95	–
59784	.101	(a)	61000	23.20	–	67635	30.50	–	91436	4.76	2.28
59790	.205	(a)	61212	19.30	–	68001	93.20	–	91481	17.40	–
59798	.34	.46	61216	21.50	–	68439	120.00	–	91507	2.56	3.50
59806	.247	(a)	61217	19.50	–	68500	5.15	–	91523	39.50	–
59867	.231	(a)	61218	13.30	–	68604	2.24	–	91547	.225	–
59886	.031	.10	61223	94.80	–	68606	8.75	–	91551	1.39	.69
59889	.083	.187	61224	30.20	–	68607	6.92	–	91555	1.39	1.00
59892	.132	(a)	61225	41.90	–	68702	5.70	–	91560	4.38	4.67
59904	.089	.076	61226	70.60	–	68703	4.27	–	91562	3.10	–
59905	.144	.12	61227	64.50	–	68706	18.30	–	91577	11.10	3.65
59914	.85	.69	62000	14.70	–	68707	18.10	–	91580	5.78	–
59915	.30	.66	62001	11.60	–	90089	4.03	–	91581	(a)	(a)
59917	.055	.232	62002	5.29	–	91111	2.98	6.29	91582	(a)	(a)
59923	.021	.005	62003	16.70	–	91125	2.43	1.66	91583	(a)	(a)
59925	.34	1.19	63010	42.10	–	91127	2.00	1.10	91584	(a)	(a)
59926	.29	.46	63011	52.70	–	91130	1.23	–	91585	(a)	(a)
59927	.195	1.30	63012	74.90	–	91135	.34	(a)	91586	(a)	(a)
59931	.38	.48	63013	70.90	–	91150	1.89	5.94	91587	(a)	(a)
59932	.41	.80	63215	55.10	–	91155	4.20	47.50	91588	(a)	(a)
59941	.128	(a)	63216	38.20	–	91160	.97	–	91589	(a)	(a)
59947	.089	.30	63217	66.50	–	91175	.84	–	91590	3.22	–
59955	.049	.132	63218	22.40	–	91177	3.67	–	91591	(a)	(a)
59963	.36	.37	63219	(a)	–	91179	3.69	–	91606	12.00	–

Table header:

$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

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$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
91618	(a)	(a)	95357	1.23	–	97653	2.92	3.14	98426	2.37	(a)
91629	2.45	(a)	95358	(a)	–	97654	5.09	2.88	98427	2.31	–
91636	4.21	–	95410	4.14	3.05	97655	4.60	4.83	98428	(a)	–
91641	1.14	(a)	95455	5.08	1.71	98002	.83	.97	98429	1.10	–
91666	.87	(a)	95487	2.22	(a)	98003	.91	(a)	98430	(a)	–
91722	3.68	(a)	95505	2.37	2.49	98090	.123	–	98449	3.31	26.60
91746	3.10	4.51	95620	1.80	(a)	98091	.133	–	98482	3.55	8.26
91805	.195	–	95625	4.60	4.59	98092	.40	–	98483	5.24	21.00
92053	.48	.59	95630	(a)	(a)	98111	.58	–	98502	5.02	4.36
92054	.165	.176	95647	2.78	4.93	98150	(a)	–	98555	2.34	–
92055	4.60	.182	95648	(a)	(a)	98151	(a)	–	98597	.52	–
92101	7.19	3.20	96053	2.11	5.03	98152	2.80	.88	98598	.18	–
92102	4.33	4.13	96317	1.27	–	98153	3.15	(a)	98601	6.01	(a)
92215	3.31	3.26	96408	3.58	13.20	98154	3.72	(a)	98622	(a)	–
92338	1.66	2.50	96409	3.31	10.60	98155	5.21	(a)	98623	(a)	–
92445	2.41	–	96410	2.91	10.20	98156	(a)	(a)	98624	.94	–
92446	5.47	1.66	96611	.97	1.50	98157	3.33	.35	98636	2.84	3.46
92447	4.78	1.65	96702	4.12	(a)	98158	(a)	(a)	98640	104.00	–
92451	2.31	2.30	96703	(a)	–	98159	2.23	(a)	98658	5.39	–
92453	3.03	–	96816	3.87	–	98160	4.73	(a)	98659	.96	.33
92478	1.50	1.71	96872	4.51	(a)	98161	5.30	(a)	98677	16.30	12.00
92593	30.30	–	96930	(a)	–	98162	(a)	(a)	98678	14.50	17.10
92663	.57	–	97002	(a)	(a)	98163	5.56	.175	98698	(a)	(a)
94007	10.30	6.29	97003	(a)	(a)	98164	1.95	.059	98699	4.72	(a)
94099	2.34	–	97047	2.96	–	98257	1.38	–	98705	7.62	–
94225	8.23	–	97050	2.30	–	98303	10.50	7.08	98710	3.28	–
94276	4.29	4.74	97111	4.94	–	98304	5.11	3.70	98751	4.07	–
94304	2.95	(a)	97220	.33	(a)	98305	2.38	2.06	98805	4.29	1.51
94381	5.53	17.40	97221	(a)	1.03	98306	6.12	.91	98806	2.64	3.47
94404	4.06	6.49	97222	1.53	1.62	98307	1.62	.44	98810	3.35	–
94444	(a)	(a)	97223	2.31	3.36	98308	1.06	1.15	98813	3.24	1.94
94569	2.74	4.10	97308	.61	–	98309	5.26	2.56	98820	8.18	3.77
94590	11.80	–	97447	2.02	6.08	98344	.66	.74	98871	(a)	(a)
94617	3.73	–	97501	(a)	–	98405	1.09	–	98884	2.13	2.21
94638	(a)	–	97502	(a)	–	98413	13.50	(a)	98914	.66	.48
95124	1.38	.95	97503	(a)	–	98414	12.30	(a)	98949	.92	.26
95233	2.95	–	97504	(a)	–	98415	1.62	(a)	98967	3.34	12.50
95305	3.21	–	97650	3.42	4.20	98423	3.85	(a)	98993	5.42	3.38
95306	4.82	–	97651	5.96	4.40	98424	6.53	(a)	99003	1.59	1.27
95310	7.66	1.53	97652	5.17	5.35	98425	2.68	(a)	99004	2.69	1.74

Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops
99080	1.12	7.81	**99826**	.66	.60						
99081	(a)	–	**99827**	.40	.54						
99082	(a)	–	**99851**	1.65	–						
99083	(a)	–	**99917**	2.67	–						
99084	(a)	(a)	**99938**	3.00	–						
99085	(a)	(a)	**99943**	8.69	–						
99111	1.63	–	**99946**	6.47	2.81						
99160	(a)	–	**99948**	6.53	27.10						
99163	3.90	.37	**99952**	4.91	19.30						
99165	.85	(a)	**99953**	5.30	10.90						
99220	1.45	(a)	**99954**	3.86	8.94						
99221	(a)	(a)	**99955**	4.83	6.96						
99222	2.72	(a)	**99963**	.64	–						
99223	.24	(a)	**99969**	2.63	4.02						
99303	13.10	–	**99975**	4.29	–						
99310	3.27	(a)	**99986**	(a)	–						
99315	9.60	2.22	**99987**	(a)	–						
99321	9.32	2.51	**99988**	2.32	–						
99445	(a)	(a)									
99471	.66	–									
99505	4.59	–									
99506	5.65	–									
99507	4.92	–									
99570	2.64	(a)									
99571	.64	(a)									
99572	1.25	(a)									
99573	1.20	(a)									
99600	1.17	–									
99613	8.26	2.21									
99614	2.61	–									
99620	.45	–									
99650	1.25	1.06									
99709	3.09	(a)									
99718	1.32	–									
99746	2.23	3.30									
99760	.25	–									
99777	5.81	–									
99793	2.83	–									
99798	(a)	(a)									
99803	(a)	12.10									

Table title: **$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

\$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	.189	10205	.142	–	11210	2.33	–	13207	(a)	(a)
10015	9.99	–	10220	2.68	–	11211	12.10	–	13208	(a)	(a)
10020	(a)	(a)	10255	.184	.151	11212	1.83	–	13314	.068	.014
10026	.37	.018	10256	.67	.183	11213	1.49	–	13351	.166	.05
10036	.50	(a)	10257	.127	.148	11214	3.68	–	13352	.169	.042
10040	.118	.32	10309	.092	.015	11222	.062	–	13410	1.06	2.35
10042	.21	.44	10315	.216	(a)	11234	.16	.06	13411	(a)	(a)
10052	6.91	–	10331	13.50	–	11248	.035	.016	13412	.36	1.21
10054	6.13	–	10332	23.40	–	11258	.86	.135	13453	.41	(a)
10060	.101	.08	10352	.42	.051	11259	.93	.112	13454	.48	(a)
10065	.151	.036	10367	3.12	–	11273	7.93	–	13455	.49	(a)
10066	.154	.051	10368	4.56	–	11274	7.61	–	13461	(a)	(a)
10070	.089	.151	10375	(a)	–	11288	1.06	.066	13506	.52	.075
10071	.181	.093	10378	13.70	–	12014	.075	.036	13507	.63	.16
10072	3.53	–	10379	6.37	–	12356	.67	.035	13590	.36	.67
10073	.77	.51	10380	10.90	–	12361	.052	.07	13621	.092	.33
10075	5.73	.219	10381	9.41	–	12362	.097	(a)	13670	.029	.017
10100	.72	.056	11007	1.33	–	12373	.037	.023	13673	.65	.012
10101	.136	.177	11020	.172	.16	12374	.35	.067	13715	.097	.145
10105	1.48	–	11039	.67	.068	12375	.172	.033	13716	.26	.101
10107	2.36	.26	11052	3.13	–	12391	.073	.07	13720	.37	.055
10110	34.00	–	11101	(a)	(a)	12393	.228	(a)	13759	.101	.129
10111	.194	.067	11120	(a)	–	12467	.095	(a)	13930	.207	.174
10113	.204	–	11126	.036	.024	12509	.046	.031	14068	.022	.012
10115	.41	.085	11127	.49	.01	12510	.58	.026	14101	.26	.042
10117	9.92	–	11128	.67	.072	12583	.26	(a)	14279	.35	.065
10119	(a)	–	11138	3.39	–	12651	.76	.51	14401	.87	.103
10120	22.20	–	11155	.121	–	12683	.35	(a)	14405	.78	–
10130	2.01	–	11160	(a)	(a)	12707	.64	.56	14527	.40	.179
10132	1.73	–	11167	.72	–	12797	.134	.194	14655	.05	–
10133	3.01	–	11168	3.74	–	12805	.184	.156	14731	3.11	–
10135	(a)	–	11201	11.60	–	12841	.31	–	14732	.23	–
10140	.024	.022	11202	3.43	–	12927	.053	–	14733	.35	–
10141	.047	.023	11203	1.15	.46	13049	.027	.051	14734	.151	–
10145	.229	.007	11204	.178	1.48	13111	.80	.092	14855	.162	.133
10146	.32	.015	11205	(a)	–	13112	.044	.063	14913	.19	.172
10150	.28	(a)	11206	.54	–	13201	.67	.144	15060	(a)	(a)
10151	7.09	–	11207	6.80	–	13204	.76	1.14	15061	(a)	(a)
10160	1.26	–	11208	1.17	–	13205	.29	.42	15062	.145	(a)
10204	.127	–	11209	5.47	–	13206	(a)	(a)	15063	.169	(a)

ARIZONA (02)   COMMERCIAL LINES MANUAL   **CLASSES 15070–43470**
DIVISION SIX   **PREM/OPS TERR. 503**
GENERAL LIABILITY   **PROD/COPS**
LOSS COST PAGES

\$100,000/200,000 BASIC LIMIT OCCURRENCE Premises/Operations (Prem/Ops) (Subline Code 334) Territory 503 Products/Completed Operations (Prod/COps) (Subline Code 336) Entire State Territory 999											
Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops
15070	.104	–	16750	.059	.034	18707	.015	.005	40117	(a)	–
15119	(a)	–	16751	.059	–	18708	.065	.02	40140	(a)	–
15120	(a)	–	16819	.88	(a)	18833	.174	(a)	41001	.37	–
15123	3.00	–	16820	.68	(a)	18834	.169	.129	41210	(a)	–
15124	1.05	–	16881	.93	(a)	18911	.53	.018	41421	.63	–
15188	.26	(a)	16890	.103	(a)	18912	1.00	.037	41422	.33	–
15223	.034	.044	16891	.112	(a)	18920	.26	.019	41510	26.80	–
15224	.39	.054	16892	.204	(a)	18991	(a)	–	41603	29.70	–
15300	(a)	–	16900	2.17	.091	19007	1.17	–	41604	16.30	–
15314	.121	(a)	16901	1.39	.108	19051	2.60	–	41620	.97	–
15404	.066	(a)	16902	1.18	.048	19061	(a)	–	41650	41.80	–
15405	.097	(a)	16905	2.29	.091	19795	.175	(a)	41664	47.10	–
15406	.248	.053	16906	1.46	.108	19796	.204	–	41665	5.52	–
15488	.62	(a)	16910	1.30	.054	40005	(a)	–	41666	(a)	–
15538	.216	.017	16911	1.18	.052	40006	(a)	–	41667	129.00	–
15600	.55	.107	16915	1.34	.043	40010	(a)	–	41668	121.00	–
15607	.137	–	16916	1.11	.053	40015	(a)	–	41669	.85	–
15608	.121	.009	16920	2.97	.099	40020	(a)	–	41670	1.42	–
15656	3.59	–	16921	2.71	.037	40026	(a)	–	41672	(a)	–
15699	.34	–	16930	1.71	.135	40031	(a)	–	41673	(a)	–
15733	.162	.034	16931	1.84	.064	40032	(a)	–	41675	(a)	–
15839	.163	.025	16940	3.70	.037	40040	(a)	–	41677	.201	–
15991	.133	.077	16941	1.48	.064	40041	(a)	–	41678	51.50	–
15993	.113	.046	18078	.176	.12	40042	(a)	–	41679	(a)	(a)
16005	.052	.031	18109	.222	.033	40045	311.00	–	41680	21.70	–
16009	.199	.106	18110	.178	.038	40046	61.50	–	41696	.63	–
16402	.81	–	18200	(a)	–	40047	21.90	–	41697	.44	–
16403	.51	.209	18205	.27	.38	40059	7.86	–	41700	(a)	–
16404	.64	–	18206	.29	.115	40061	4.16	–	41715	13.80	–
16471	.193	–	18335	.207	.018	40063	139.00	–	41716	8.78	–
16501	.109	(a)	18435	.76	.05	40064	41.00	–	43007	(a)	–
16527	.167	.32	18436	.61	.123	40066	(a)	–	43117	(a)	–
16588	.092	(a)	18437	.30	(a)	40067	(a)	–	43151	27.90	–
16604	.154	.122	18438	.57	(a)	40069	(a)	–	43152	15.40	–
16670	5.62	–	18501	.70	.011	40072	(a)	–	43200	106.00	–
16676	.169	.013	18506	.32	.007	40075	56.00	–	43215	(a)	–
16694	.31	(a)	18507	.107	.008	40101	21.90	–	43421	29.10	–
16705	.31	.131	18570	1.11	–	40102	19.40	–	43422	153.00	–
16722	(a)	–	18575	(a)	(a)	40111	11.00	–	43424	(a)	–
16723	(a)	–	18616	.246	.59	40115	(a)	–	43470	3.70	–

CLASSES 43517–49618   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
43517	(a)	–	44277	92.30	–	46004	39.70	–	47471	5.43	–
43518	20.20	–	44280	.201	–	46005	31.80	–	47473	7.11	–
43550	104.00	–	44311	10.40	–	46112	.086	–	47474	7.94	–
43551	57.50	–	44315	7.01	–	46202	3.41	–	47475	6.27	–
43626	16.20	–	44427	79.30	–	46362	180.00	–	47476	6.27	–
43628	210.00	–	44428	79.80	–	46426	26.30	–	47477	8.36	–
43629	178.00	–	44429	1.20	–	46427	35.10	–	47478	8.78	–
43754	(a)	–	44430	.83	–	46510	(a)	–	47600	(a)	–
43760	5.93	–	44431	2.65	–	46590	(a)	–	47610	(a)	–
43822	2.94	–	44432	.84	–	46603	2.20	–	48039	75.20	–
43840	.036	–	44433	26.80	–	46604	2.54	–	48177	(a)	–
43860	2.31	–	44434	51.30	–	46606	6.78	–	48178	(a)	–
43889	.83	–	44435	53.10	–	46607	9.32	–	48206	42.70	–
43945	(a)	–	44436	62.00	–	46622	8.59	–	48252	(a)	–
43946	(a)	–	44437	51.40	–	46671	(a)	–	48441	.179	–
43990	(a)	(a)	44438	40.60	–	46700	213.00	–	48557	17.90	–
43991	(a)	–	44439	79.10	–	46773	(a)	–	48558	15.60	–
44009	3.66	–	44440	65.40	–	46822	(a)	–	48600	52.50	–
44010	(a)	(a)	44500	(a)	–	46881	(a)	–	48610	(a)	–
44069	17.30	–	44501	(a)	–	46882	(a)	–	48636	2.03	(a)
44070	5.11	–	45190	2.68	–	46911	32.00	–	48637	13.70	–
44071	5.69	–	45191	1.90	–	46912	58.50	–	48638	6.81	–
44072	3.93	–	45192	2.23	–	46913	(a)	–	48727	(a)	–
44100	1.95	–	45193	1.31	–	46914	(a)	–	48808	.92	–
44101	2.03	–	45210	1.66	–	46915	(a)	–	48924	(a)	–
44102	1.58	–	45224	(a)	–	46916	(a)	–	48925	328.00	–
44103	1.40	–	45225	(a)	–	47050	.80	–	49005	.137	–
44104	.59	–	45334	61.10	–	47051	(a)	–	49111	1.40	–
44105	(a)	–	45380	.189	(a)	47052	(a)	–	49181	24.60	–
44106	(a)	–	45450	18.00	–	47103	(a)	–	49183	30.00	–
44108	.69	–	45523	(a)	–	47146	(a)	–	49184	63.20	–
44109	1.75	–	45524	(a)	–	47147	(a)	–	49185	57.50	–
44110	1.79	–	45539	(a)	–	47221	234.00	–	49239	.142	.46
44111	1.10	–	45678	.217	–	47253	(a)	–	49292	1.80	–
44112	.65	–	45771	.29	.139	47254	(a)	–	49305	(a)	–
44113	(a)	–	45819	.094	.051	47318	13.10	–	49333	13.20	–
44193	(a)	–	45900	.062	.036	47367	.201	–	49451	(a)	–
44194	(a)	–	45901	.053	.045	47420	2.88	–	49452	(a)	–
44222	(a)	–	45937	.24	–	47468	(a)	–	49617	.247	.221
44276	142.00	–	45993	(a)	(a)	47469	6.27	–	49618	.208	.076

ARIZONA (02)   **COMMERCIAL LINES MANUAL**   **CLASSES 49619–53632**
DIVISION SIX   **PREM/OPS TERR. 503**
GENERAL LIABILITY   **PROD/COPS**
LOSS COST PAGES

$100,000/200,000 BASIC LIMIT OCCURRENCE
Premises/Operations (Prem/Ops) (Subline Code 334) Territory 503
Products/Completed Operations (Prod/COps)   (Subline Code 336) Entire State Territory 999

Class Code	Prem/Ops	Prod/Cops	Class Code	Prem/Ops	Prod/Cops	Class Code	Prem/Ops	Prod/Cops	Class Code	Prem/Ops	Prod/Cops
49619	.39	.113	51315	.092	.096	51809	.40	.146	52341	.058	(a)
49763	2.54	–	51330	.124	.66	51833	.158	.054	52342	.168	(a)
49800	(a)	–	51333	.041	.32	51850	.30	(a)	52343	.102	(a)
49801	206.00	–	51340	.039	(a)	51851	.203	(a)	52401	.32	(a)
49802	18.30	–	51350	.244	.127	51852	.48	(a)	52402	.022	(a)
49803	32.40	–	51351	.219	.049	51853	.191	(a)	52432	.107	(a)
49840	.83	–	51352	.30	.101	51854	.43	(a)	52433	.098	.80
49870	137.00	–	51355	.204	.091	51855	.45	(a)	52435	.123	(a)
49890	(a)	–	51356	.22	.56	51856	.247	(a)	52438	.089	(a)
49891	(a)	–	51357	.131	.76	51857	.42	(a)	52440	.139	(a)
49902	(a)	–	51358	.31	.129	51869	.106	.136	52467	.129	(a)
49903	(a)	–	51359	.28	.71	51877	.60	.191	52469	.045	.096
50010	.232	.38	51370	.46	3.83	51889	.099	.011	52505	.225	.237
50015	.151	(a)	51380	.046	.041	51896	.046	.017	52547	.27	.07
50017	.115	(a)	51400	.29	(a)	51900	.118	.10	52581	1.10	2.19
50045	.26	(a)	51401	.43	(a)	51909	.27	.053	52619	.077	(a)
50047	.029	(a)	51500	.088	.116	51919	.099	(a)	52660	.072	–
51001	.07	.42	51516	.06	–	51926	.101	.044	52744	.60	.066
51005	.014	(a)	51517	.068	–	51927	.055	.132	52767	.25	(a)
51116	.176	.69	51550	.109	.40	51934	.111	.107	52876	(a)	(a)
51201	.04	(a)	51551	.038	.89	51941	.101	.041	52911	.061	.42
51205	.121	.059	51552	.065	.152	51942	.161	–	52967	.023	.058
51206	.019	.32	51553	.116	(a)	51956	.44	.205	53001	.225	.30
51210	.122	(a)	51554	.011	(a)	51957	.38	.46	53077	.108	.219
51211	(a)	(a)	51575	.065	.021	51958	.34	.37	53095	.074	(a)
51220	.42	1.90	51576	.209	.097	51959	.35	(a)	53096	.103	(a)
51221	.232	1.76	51600	.142	.172	51960	.046	.33	53121	.29	.40
51222	.28	4.53	51613	.094	.139	51970	.20	.177	53147	.043	(a)
51224	.30	1.49	51625	.064	(a)	51982	.059	.077	53229	.238	(a)
51230	.05	.74	51666	.104	.089	51985	.056	–	53271	.055	(a)
51240	.48	.196	51702	.191	(a)	51986	.232	.096	53333	.234	.248
51241	1.41	.218	51703	.079	(a)	51999	.098	.40	53374	.16	.26
51250	.32	(a)	51734	.149	.35	52002	.086	.114	53375	.085	.27
51251	.041	(a)	51741	.248	.243	52075	.236	.222	53376	.136	.183
51252	.144	.074	51752	.209	.15	52076	.28	(a)	53377	.139	.188
51253	.122	(a)	51767	.03	.007	52109	.022	(a)	53403	.088	(a)
51254	.038	.032	51777	.105	.077	52134	.29	.60	53425	.22	(a)
51255	.81	(a)	51790	.176	(a)	52137	.093	(a)	53565	.102	.096
51300	.145	.147	51796	.09	(a)	52150	.53	(a)	53631	.034	.021
51305	.145	.88	51808	.32	.68	52315	.137	.27	53632	.039	.032

CLASSES 53731–59693   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
53731	.036	(a)	56170	.216	(a)	57401	.071	.089	58503	.086	.077
53732	.245	.47	56171	.106	(a)	57403	.215	.033	58532	.11	(a)
53733	.159	.228	56202	.082	.078	57410	.035	.173	58559	.023	(a)
53734	.36	–	56390	.143	.70	57411	.054	(a)	58560	.054	(a)
53803	.53	(a)	56391	.123	.30	57572	.02	.099	58561	(a)	(a)
53901	(a)	(a)	56427	.198	.119	57600	.06	.033	58575	.07	.111
53902	(a)	(a)	56488	.176	.038	57611	.116	.055	58627	.225	.012
53903	(a)	(a)	56567	.224	(a)	57625	.53	(a)	58663	.50	.95
53904	(a)	(a)	56650	.69	(a)	57651	.064	.039	58682	.20	(a)
53905	(a)	(a)	56651	.37	(a)	57690	.151	.45	58713	.067	(a)
53907	.108	.086	56652	.27	(a)	57716	.071	.074	58737	.145	.55
53951	(a)	(a)	56653	.26	(a)	57725	.157	.075	58756	.093	(a)
53952	(a)	(a)	56654	.131	(a)	57726	.122	.023	58757	.49	(a)
53953	(a)	(a)	56690	.091	.33	57798	.033	(a)	58759	.06	(a)
54012	.036	–	56699	.091	.067	57800	.122	(a)	58802	.069	.48
54077	.147	.39	56758	.077	.14	57808	.06	(a)	58813	.228	(a)
54444	(a)	(a)	56759	.079	.078	57809	.062	(a)	58822	.189	(a)
55010	.44	.98	56760	.114	.099	57810	.06	.10	58837	.46	.161
55011	.12	1.75	56805	.15	(a)	57871	.071	.111	58840	.137	.121
55012	.143	1.11	56806	.106	(a)	57913	.158	.26	58873	.218	.027
55013	.199	1.12	56807	.105	(a)	57997	.08	–	58903	.043	(a)
55014	(a)	(a)	56808	.137	(a)	57998	.07	.054	58904	.033	.12
55214	.116	.083	56900	.132	(a)	57999	.099	.07	58922	.36	.179
55371	.41	.108	56910	.066	(a)	58009	.099	(a)	59005	.082	.089
55410	(a)	(a)	56911	.193	(a)	58010	.163	(a)	59057	.61	(a)
55426	.242	(a)	56912	.157	.084	58020	.231	(a)	59058	.39	(a)
55597	.029	1.68	56913	.128	(a)	58056	.194	(a)	59188	.46	.052
55647	.058	.065	56915	.76	(a)	58057	.122	(a)	59189	.63	.28
55648	.026	(a)	56916	.68	.215	58058	.11	(a)	59223	.226	.103
55649	.031	(a)	56917	.197	(a)	58095	.154	1.79	59257	.022	.012
55715	.23	.203	56918	.095	(a)	58096	.205	1.49	59306	.139	(a)
55716	.33	.49	56919	.242	(a)	58301	.075	.077	59378	.147	.141
55717	.32	(a)	56920	.22	(a)	58302	.055	.051	59481	.37	.096
55718	.31	(a)	56980	.114	(a)	58397	.32	.65	59482	.48	(a)
55802	.105	.011	57001	.039	.023	58408	.047	–	59537	.158	.232
55918	.132	2.26	57002	.025	.096	58409	.06	–	59601	.14	2.23
55919	.018	3.42	57090	.35	.68	58456	.032	–	59647	.214	.158
56040	.012	.03	57146	.224	.75	58457	.047	–	59660	.26	1.06
56041	.082	(a)	57202	.101	(a)	58458	.06	–	59661	.127	(a)
56042	.103	(a)	57257	.126	.034	58459	.072	–	59693	.021	–

\$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
59695	(a)	(a)	59964	.64	.066	63220	(a)	–	91190	1.98	(a)
59701	.01	.33	59970	.135	.169	64074	18.90	–	91200	.70	–
59713	.231	.33	59973	.177	(a)	64075	13.30	–	91210	(a)	–
59722	.12	.028	59975	.189	.19	64500	(a)	–	91235	2.31	2.46
59723	.045	.034	59977	.108	(a)	65007	28.00	–	91250	3.48	(a)
59724	.069	.015	59984	.048	.049	66122	12.00	–	91265	15.00	3.20
59725	.086	.145	59985	.189	(a)	66123	6.61	–	91266	7.93	1.11
59726	.063	.023	59986	.145	(a)	66309	19.30	–	91280	(a)	4.10
59738	.20	.059	59988	.048	.055	66561	44.80	–	91302	9.63	(a)
59750	.118	.181	59989	.025	.041	67017	41.50	–	91315	2.92	–
59751	.043	(a)	60010	17.00	–	67508	50.20	–	91324	6.51	(a)
59773	.027	.026	60011	19.60	–	67509	36.80	–	91325	(a)	(a)
59774	.022	.141	60012	32.20	–	67510	20.50	–	91340	4.25	9.57
59775	.029	.178	60013	27.60	–	67511	22.20	–	91341	4.21	5.49
59781	.102	.085	60015	20.60	–	67512	94.90	–	91342	3.90	4.03
59782	.153	.56	60016	23.10	–	67513	60.20	–	91343	.93	1.48
59783	.149	(a)	60035	31.50	–	67634	35.90	–	91405	4.95	–
59784	.114	(a)	61000	16.80	–	67635	25.40	–	91436	4.76	2.28
59790	.154	(a)	61212	16.20	–	68001	77.60	–	91481	17.40	–
59798	.39	.46	61216	17.90	–	68439	99.80	–	91507	2.56	3.50
59806	.28	(a)	61217	16.20	–	68500	3.74	–	91523	39.50	–
59867	.174	(a)	61218	11.10	–	68604	1.86	–	91547	.225	–
59886	.023	.10	61223	79.00	–	68606	7.29	–	91551	1.39	.69
59889	.089	.187	61224	25.20	–	68607	5.76	–	91555	1.39	1.00
59892	.149	(a)	61225	34.90	–	68702	4.75	–	91560	4.38	4.67
59904	.10	.076	61226	58.80	–	68703	3.56	–	91562	3.10	–
59905	.109	.12	61227	53.80	–	68706	15.30	–	91577	11.10	3.65
59914	.64	.69	62000	12.30	–	68707	15.10	–	91580	5.78	–
59915	.33	.66	62001	9.66	–	90089	4.03	–	91581	(a)	(a)
59917	.062	.232	62002	4.41	–	91111	2.98	6.29	91582	(a)	(a)
59923	.016	.005	62003	13.90	–	91125	2.43	1.66	91583	(a)	(a)
59925	.28	1.19	63010	30.60	–	91127	2.00	1.10	91584	(a)	(a)
59926	.241	.46	63011	38.30	–	91130	1.23	–	91585	(a)	(a)
59927	.162	1.30	63012	54.50	–	91135	.34	(a)	91586	(a)	(a)
59931	.29	.48	63013	51.60	–	91150	1.89	5.94	91587	(a)	(a)
59932	.31	.80	63215	45.90	–	91155	4.20	47.50	91588	(a)	(a)
59941	.096	(a)	63216	31.90	–	91160	.97	–	91589	(a)	(a)
59947	.10	.30	63217	62.50	–	91175	.84	–	91590	3.22	–
59955	.037	.132	63218	21.10	–	91177	3.67	–	91591	(a)	(a)
59963	.27	.37	63219	(a)	–	91179	3.69	–	91606	12.00	–

CLASSES 91618–99004   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
91618	(a)	(a)	95357	1.23	–	97653	2.92	3.14	98426	2.37	(a)
91629	2.45	(a)	95358	(a)	–	97654	5.09	2.88	98427	2.31	–
91636	4.21	–	95410	4.14	3.05	97655	4.60	4.83	98428	(a)	–
91641	1.14	(a)	95455	5.08	1.71	98002	.83	.97	98429	1.10	–
91666	.87	(a)	95487	2.22	(a)	98003	.91	(a)	98430	(a)	–
91722	3.68	(a)	95505	2.37	2.49	98090	.123	–	98449	3.31	26.60
91746	3.10	4.51	95620	1.80	(a)	98091	.133	–	98482	3.55	8.26
91805	.195	–	95625	4.60	4.59	98092	.40	–	98483	5.24	21.00
92053	.48	.59	95630	(a)	(a)	98111	.58	–	98502	5.02	4.36
92054	.165	.176	95647	2.78	4.93	98150	(a)	–	98555	2.34	–
92055	4.60	.182	95648	(a)	(a)	98151	(a)	–	98597	.52	–
92101	7.19	3.20	96053	2.11	5.03	98152	2.80	.88	98598	.18	–
92102	4.33	4.13	96317	1.27	–	98153	3.15	(a)	98601	6.01	(a)
92215	3.31	3.26	96408	3.58	13.20	98154	3.72	(a)	98622	(a)	–
92338	1.66	2.50	96409	3.31	10.60	98155	5.21	(a)	98623	(a)	–
92445	2.41	–	96410	2.91	10.20	98156	(a)	(a)	98624	.94	–
92446	5.47	1.66	96611	.97	1.50	98157	3.33	.35	98636	2.84	3.46
92447	4.78	1.65	96702	4.12	(a)	98158	(a)	(a)	98640	104.00	–
92451	2.31	2.30	96703	(a)	–	98159	2.23	(a)	98658	5.39	–
92453	3.03	–	96816	3.87	–	98160	4.73	(a)	98659	.96	.33
92478	1.50	1.71	96872	4.51	(a)	98161	5.30	(a)	98677	16.30	12.00
92593	30.30	–	96930	(a)	–	98162	(a)	(a)	98678	14.50	17.10
92663	.57	–	97002	(a)	(a)	98163	5.56	.175	98698	(a)	(a)
94007	10.30	6.29	97003	(a)	(a)	98164	1.95	.059	98699	4.72	(a)
94099	2.34	–	97047	2.96	–	98257	1.38	–	98705	7.62	–
94225	8.23	–	97050	2.30	–	98303	10.50	7.08	98710	3.28	–
94276	4.29	4.74	97111	4.94	–	98304	5.11	3.70	98751	4.07	–
94304	2.95	(a)	97220	.33	(a)	98305	2.38	2.06	98805	4.29	1.51
94381	5.53	17.40	97221	(a)	1.03	98306	6.12	.91	98806	2.64	3.47
94404	4.06	6.49	97222	1.53	1.62	98307	1.62	.44	98810	3.35	–
94444	(a)	(a)	97223	2.31	3.36	98308	1.06	1.15	98813	3.24	1.94
94569	2.74	4.10	97308	.61	–	98309	5.26	2.56	98820	8.18	3.77
94590	11.80	–	97447	2.02	6.08	98344	.66	.74	98871	(a)	(a)
94617	3.73	–	97501	(a)	–	98405	1.09	–	98884	2.13	2.21
94638	(a)	–	97502	(a)	–	98413	13.50	(a)	98914	.66	.48
95124	1.38	.95	97503	(a)	–	98414	12.30	(a)	98949	.92	.26
95233	2.95	–	97504	(a)	–	98415	1.62	(a)	98967	3.34	12.50
95305	3.21	–	97650	3.42	4.20	98423	3.85	(a)	98993	5.42	3.38
95306	4.82	–	97651	5.96	4.40	98424	6.53	(a)	99003	1.59	1.27
95310	7.66	1.53	97652	5.17	5.35	98425	2.68	(a)	99004	2.69	1.74

ARIZONA (02)   **COMMERCIAL LINES MANUAL**   **CLASSES 99080–99988**
DIVISION SIX   **PREM/OPS TERR. 503**
GENERAL LIABILITY   **PROD/COPS**
LOSS COST PAGES

\$100,000/200,000 BASIC LIMIT OCCURRENCE Premises/Operations (Prem/Ops) (Subline Code 334) Territory 503 Products/Completed Operations (Prod/COps) (Subline Code 336) Entire State Territory 999											
Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops
99080	1.12	7.81	99826	.66	.60						
99081	(a)	–	99827	.40	.54						
99082	(a)	–	99851	1.65	–						
99083	(a)	–	99917	2.67	–						
99084	(a)	(a)	99938	3.00	–						
99085	(a)	(a)	99943	8.69	–						
99111	1.63	–	99946	6.47	2.81						
99160	(a)	–	99948	6.53	27.10						
99163	3.90	.37	99952	4.91	19.30						
99165	.85	(a)	99953	5.30	10.90						
99220	1.45	(a)	99954	3.86	8.94						
99221	(a)	(a)	99955	4.83	6.96						
99222	2.72	(a)	99963	.64	–						
99223	.24	(a)	99969	2.63	4.02						
99303	13.10	–	99975	4.29	–						
99310	3.27	(a)	99986	(a)	–						
99315	9.60	2.22	99987	(a)	–						
99321	9.32	2.51	99988	2.32	–						
99445	(a)	(a)									
99471	.66	–									
99505	4.59	–									
99506	5.65	–									
99507	4.92	–									
99570	2.64	(a)									
99571	.64	(a)									
99572	1.25	(a)									
99573	1.20	(a)									
99600	1.17	–									
99613	8.26	2.21									
99614	2.61	–									
99620	.45	–									
99650	1.25	1.06									
99709	3.09	(a)									
99718	1.32	–									
99746	2.23	3.30									
99760	.25	–									
99777	5.81	–									
99793	2.83	–									
99798	(a)	(a)									
99803	(a)	12.10									

\$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	.223	.189	10205	.40	–	11210	2.60	–	13207	(a)	(a)
10015	11.10	–	10220	7.51	–	11211	13.50	–	13208	(a)	(a)
10020	(a)	(a)	10255	.189	.151	11212	2.05	–	13314	.191	.014
10026	1.03	.018	10256	.69	.183	11213	1.67	–	13351	.46	.05
10036	.51	(a)	10257	.13	.148	11214	4.11	–	13352	.47	.042
10040	.17	.32	10309	.26	.015	11222	.069	–	13410	1.09	2.35
10042	.59	.44	10315	.61	(a)	11234	.45	.06	13411	(a)	(a)
10052	7.71	–	10331	15.10	–	11248	.036	.016	13412	.37	1.21
10054	6.84	–	10332	26.10	–	11258	1.13	.135	13453	.42	(a)
10060	.28	.08	10352	.55	.051	11259	1.22	.112	13454	.50	(a)
10065	.42	.036	10367	3.48	–	11273	22.20	–	13455	.50	(a)
10066	.43	.051	10368	5.09	–	11274	21.30	–	13461	(a)	(a)
10070	.128	.151	10375	(a)	–	11288	1.39	.066	13506	1.46	.075
10071	.51	.093	10378	15.30	–	12014	.078	.036	13507	1.76	.16
10072	3.94	–	10379	7.10	–	12356	1.88	.035	13590	.37	.67
10073	.79	.51	10380	12.10	–	12361	.096	.07	13621	.095	.33
10075	5.89	.219	10381	10.50	–	12362	.14	(a)	13670	.054	.017
10100	.94	.056	11007	1.48	–	12373	.053	.023	13673	.86	.012
10101	.38	.177	11020	.48	.16	12374	.98	.067	13715	.14	.145
10105	4.13	–	11039	.69	.068	12375	.48	.033	13716	.72	.101
10107	2.43	.26	11052	5.11	–	12391	.105	.07	13720	.48	.055
10110	37.90	–	11101	(a)	(a)	12393	.64	(a)	13759	.28	.129
10111	.28	.067	11120	(a)	–	12467	.27	(a)	13930	.30	.174
10113	.57	–	11126	.10	.024	12509	.047	.031	14068	.062	.012
10115	1.14	.085	11127	.71	.01	12510	.60	.026	14101	.73	.042
10117	11.10	–	11128	.96	.072	12583	.27	(a)	14279	.36	.065
10119	(a)	–	11138	3.78	–	12651	.78	.51	14401	1.14	.103
10120	24.80	–	11155	.34	–	12683	.36	(a)	14405	.87	–
10130	5.64	–	11160	(a)	(a)	12707	.92	.56	14527	.57	.179
10132	4.86	–	11167	1.18	–	12797	.193	.194	14655	.141	–
10133	4.91	–	11168	6.11	–	12805	.51	.156	14731	5.07	–
10135	(a)	–	11201	13.00	–	12841	.86	–	14732	.38	–
10140	.044	.022	11202	3.83	–	12927	.149	–	14733	.99	–
10141	.088	.023	11203	1.65	.46	13049	.05	.051	14734	.42	–
10145	.43	.007	11204	.50	1.48	13111	1.05	.092	14855	.166	.133
10146	.42	.015	11205	(a)	–	13112	.082	.063	14913	.53	.172
10150	.79	(a)	11206	.60	–	13201	.69	.144	15060	(a)	(a)
10151	19.90	–	11207	7.59	–	13204	.78	1.14	15061	(a)	(a)
10160	3.54	–	11208	1.30	–	13205	.30	.42	15062	.149	(a)
10204	.36	–	11209	6.11	–	13206	(a)	(a)	15063	.174	(a)

ARIZONA (02)   **COMMERCIAL LINES MANUAL**   **CLASSES 15070–43470**
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
15070	.117	–	16750	.166	.034	18707	.021	.005	40117	(a)	–
15119	(a)	–	16751	.166	–	18708	.183	.02	40140	(a)	–
15120	(a)	–	16819	.90	(a)	18833	.25	(a)	41001	.42	–
15123	4.90	–	16820	.70	(a)	18834	.47	.129	41210	(a)	–
15124	1.71	–	16881	2.60	(a)	18911	1.49	.018	41421	.62	–
15188	.26	(a)	16890	.106	(a)	18912	2.81	.037	41422	.33	–
15223	.063	.044	16891	.115	(a)	18920	.73	.019	41510	75.10	–
15224	.51	.054	16892	.21	(a)	18991	(a)	–	41603	29.30	–
15300	(a)	–	16900	3.28	.091	19007	1.92	–	41604	16.10	–
15314	.34	(a)	16901	2.10	.108	19051	4.25	–	41620	1.09	–
15404	.068	(a)	16902	1.78	.048	19061	(a)	–	41650	41.30	–
15405	.10	(a)	16905	3.44	.091	19795	.49	(a)	41664	52.60	–
15406	.26	.053	16906	2.20	.108	19796	.57	–	41665	6.16	–
15488	.64	(a)	16910	1.97	.054	40005	(a)	–	41666	(a)	–
15538	.61	.017	16911	1.78	.052	40006	(a)	–	41667	144.00	–
15600	1.53	.107	16915	2.02	.043	40010	(a)	–	41668	135.00	–
15607	.153	–	16916	1.68	.053	40015	(a)	–	41669	.94	–
15608	.34	.009	16920	4.47	.099	40020	(a)	–	41670	1.59	–
15656	10.10	–	16921	4.08	.037	40026	(a)	–	41672	(a)	–
15699	.38	–	16930	2.57	.135	40031	(a)	–	41673	(a)	–
15733	.166	.034	16931	2.77	.064	40032	(a)	–	41675	(a)	–
15839	.46	.025	16940	5.58	.037	40040	(a)	–	41677	.224	–
15991	.37	.077	16941	2.23	.064	40041	(a)	–	41678	41.90	–
15993	.32	.046	18078	.25	.12	40042	(a)	–	41679	(a)	(a)
16005	.074	.031	18109	.62	.033	40045	347.00	–	41680	21.50	–
16009	.204	.106	18110	.50	.038	40046	68.70	–	41696	.71	–
16402	2.26	–	18200	(a)	–	40047	24.50	–	41697	.49	–
16403	1.43	.209	18205	.39	.38	40059	8.77	–	41700	(a)	–
16404	1.80	–	18206	.81	.115	40061	4.65	–	41715	13.60	–
16471	.215	–	18335	.58	.018	40063	156.00	–	41716	8.67	–
16501	.157	(a)	18435	1.00	.05	40064	45.70	–	43007	(a)	–
16527	.241	.32	18436	.80	.123	40066	(a)	–	43117	(a)	–
16588	.095	(a)	18437	.83	(a)	40067	(a)	–	43151	17.60	–
16604	.159	.122	18438	1.59	(a)	40069	(a)	–	43152	12.60	–
16670	6.27	–	18501	.91	.011	40072	(a)	–	43200	66.90	–
16676	.47	.013	18506	.33	.007	40075	35.40	–	43215	(a)	–
16694	.31	(a)	18507	.30	.008	40101	19.20	–	43421	18.30	–
16705	.45	.131	18570	3.12	–	40102	17.00	–	43422	96.30	–
16722	(a)	–	18575	(a)	(a)	40111	12.30	–	43424	(a)	–
16723	(a)	–	18616	.25	.59	40115	(a)	–	43470	4.13	–

CLASSES 43517–49618   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
43517	(a)	–	44277	58.20	–	46004	39.20	–	47471	5.37	–
43518	22.60	–	44280	.224	–	46005	31.40	–	47473	7.02	–
43550	65.40	–	44311	11.60	–	46112	.076	–	47474	7.85	–
43551	36.30	–	44315	7.82	–	46202	2.99	–	47475	6.20	–
43626	18.00	–	44427	69.40	–	46362	146.00	–	47476	6.20	–
43628	234.00	–	44428	69.80	–	46426	21.40	–	47477	8.26	–
43629	199.00	–	44429	1.05	–	46427	28.60	–	47478	8.67	–
43754	(a)	–	44430	.73	–	46510	(a)	–	47600	(a)	–
43760	6.61	–	44431	2.32	–	46590	(a)	–	47610	(a)	–
43822	3.29	–	44432	.74	–	46603	1.79	–	48039	47.50	–
43840	.04	–	44433	23.50	–	46604	2.07	–	48177	(a)	–
43860	2.59	–	44434	44.90	–	46606	5.52	–	48178	(a)	–
43889	.92	–	44435	46.50	–	46607	7.59	–	48206	47.70	–
43945	(a)	–	44436	54.30	–	46622	9.60	–	48252	(a)	–
43946	(a)	–	44437	45.00	–	46671	(a)	–	48441	.20	–
43990	(a)	(a)	44438	35.60	–	46700	135.00	–	48557	20.00	–
43991	(a)	–	44439	69.20	–	46773	(a)	–	48558	17.40	–
44009	5.97	–	44440	57.30	–	46822	(a)	–	48600	42.80	–
44010	(a)	(a)	44500	(a)	–	46881	(a)	–	48610	(a)	–
44069	19.30	–	44501	(a)	–	46882	(a)	–	48636	1.58	(a)
44070	5.71	–	45190	2.36	–	46911	35.70	–	48637	15.30	–
44071	6.35	–	45191	1.67	–	46912	65.30	–	48638	7.60	–
44072	4.38	–	45192	1.96	–	46913	(a)	–	48727	(a)	–
44100	6.75	–	45193	1.16	–	46914	(a)	–	48808	2.57	–
44101	7.03	–	45210	1.46	–	46915	(a)	–	48924	(a)	–
44102	5.48	–	45224	(a)	–	46916	(a)	–	48925	366.00	–
44103	4.85	–	45225	(a)	–	47050	.90	–	49005	.153	–
44104	2.04	–	45334	38.60	–	47051	(a)	–	49111	3.94	–
44105	(a)	–	45380	.195	(a)	47052	(a)	–	49181	15.50	–
44106	(a)	–	45450	11.30	–	47103	(a)	–	49183	18.90	–
44108	2.39	–	45523	(a)	–	47146	(a)	–	49184	39.90	–
44109	6.05	–	45524	(a)	–	47147	(a)	–	49185	36.30	–
44110	6.19	–	45539	(a)	–	47221	148.00	–	49239	.146	.46
44111	3.80	–	45678	.242	–	47253	(a)	–	49292	1.13	–
44112	2.25	–	45771	.30	.139	47254	(a)	–	49305	(a)	–
44113	(a)	–	45819	.096	.051	47318	14.70	–	49333	8.32	–
44193	(a)	–	45900	.174	.036	47367	.224	–	49451	(a)	–
44194	(a)	–	45901	.149	.045	47420	3.21	–	49452	(a)	–
44222	(a)	–	45937	.151	–	47468	(a)	–	49617	.40	.221
44276	89.80	–	45993	(a)	(a)	47469	6.20	–	49618	.34	.076

$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
49619	.64	.113	51315	.095	.096	51809	.28	.146	52341	.045	(a)
49763	4.14	–	51330	.097	.66	51833	.151	.054	52342	.131	(a)
49800	(a)	–	51333	.032	.32	51850	.234	(a)	52343	.08	(a)
49801	130.00	–	51340	.028	(a)	51851	.158	(a)	52401	.247	(a)
49802	11.50	–	51350	.234	.127	51852	.37	(a)	52402	.015	(a)
49803	20.40	–	51351	.209	.049	51853	.149	(a)	52432	.077	(a)
49840	.92	–	51352	.29	.101	51854	.33	(a)	52433	.07	.80
49870	153.00	–	51355	.196	.091	51855	.35	(a)	52435	.088	(a)
49890	(a)	–	51356	.211	.56	51856	.193	(a)	52438	.063	(a)
49891	(a)	–	51357	.134	.76	51857	.33	(a)	52440	.10	(a)
49902	(a)	–	51358	.32	.129	51869	.076	.136	52467	.092	(a)
49903	(a)	–	51359	.28	.71	51877	.43	.191	52469	.032	.096
50010	.165	.38	51370	.33	3.83	51889	.07	.011	52505	.16	.237
50015	.107	(a)	51380	.033	.041	51896	.033	.017	52547	.214	.07
50017	.082	(a)	51400	.226	(a)	51900	.113	.10	52581	.78	2.19
50045	.187	(a)	51401	.33	(a)	51909	.211	.053	52619	.055	(a)
50047	.021	(a)	51500	.063	.116	51919	.071	(a)	52660	.08	–
51001	.054	.42	51516	.067	–	51926	.072	.044	52744	.58	.066
51005	.011	(a)	51517	.076	–	51927	.039	.132	52767	.196	(a)
51116	.137	.69	51550	.078	.40	51934	.079	.107	52876	(a)	(a)
51201	.028	(a)	51551	.027	.89	51941	.072	.041	52911	.044	.42
51205	.086	.059	51552	.047	.152	51942	.115	–	52967	.016	.058
51206	.013	.32	51553	.083	(a)	51956	.31	.205	53001	.161	.30
51210	.095	(a)	51554	.008	(a)	51957	.27	.46	53077	.077	.219
51211	(a)	(a)	51575	.063	.021	51958	.243	.37	53095	.053	(a)
51220	.33	1.90	51576	.149	.097	51959	.249	(a)	53096	.074	(a)
51221	.181	1.76	51600	.102	.172	51960	.033	.33	53121	.209	.40
51222	.22	4.53	51613	.067	.139	51970	.143	.177	53147	.033	(a)
51224	.231	1.49	51625	.05	(a)	51982	.042	.077	53229	.186	(a)
51230	.039	.74	51666	.099	.089	51985	.063	–	53271	.039	(a)
51240	.34	.196	51702	.149	(a)	51986	.165	.096	53333	.183	.248
51241	1.01	.218	51703	.062	(a)	51999	.07	.40	53374	.153	.26
51250	.25	(a)	51734	.116	.35	52002	.061	.114	53375	.081	.27
51251	.029	(a)	51741	.177	.243	52075	.184	.222	53376	.13	.183
51252	.102	.074	51752	.149	.15	52076	.222	(a)	53377	.133	.188
51253	.087	(a)	51767	.029	.007	52109	.015	(a)	53403	.084	(a)
51254	.027	.032	51777	.101	.077	52134	.205	.60	53425	.172	(a)
51255	.63	(a)	51790	.168	(a)	52137	.072	(a)	53565	.098	.096
51300	.139	.147	51796	.064	(a)	52150	.38	(a)	53631	.024	.021
51305	.139	.88	51808	.229	.68	52315	.131	.27	53632	.028	.032

\$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
53731	.026	(a)	56170	.169	(a)	57401	.051	.089	58503	.061	.077
53732	.175	.47	56171	.083	(a)	57403	.206	.033	58532	.079	(a)
53733	.114	.228	56202	.058	.078	57410	.025	.173	58559	.016	(a)
53734	.40	–	56390	.102	.70	57411	.042	(a)	58560	.039	(a)
53803	.41	(a)	56391	.088	.30	57572	.014	.099	58561	(a)	(a)
53901	(a)	(a)	56427	.141	.119	57600	.043	.033	58575	.05	.111
53902	(a)	(a)	56488	.168	.038	57611	.09	.055	58627	.16	.012
53903	(a)	(a)	56567	.175	(a)	57625	.38	(a)	58663	.39	.95
53904	(a)	(a)	56650	.54	(a)	57651	.046	.039	58682	.143	(a)
53905	(a)	(a)	56651	.29	(a)	57690	.118	.45	58713	.064	(a)
53907	.077	.086	56652	.208	(a)	57716	.056	.074	58737	.103	.55
53951	(a)	(a)	56653	.201	(a)	57725	.122	.075	58756	.072	(a)
53952	(a)	(a)	56654	.103	(a)	57726	.095	.023	58757	.35	(a)
53953	(a)	(a)	56690	.087	.33	57798	.023	(a)	58759	.043	(a)
54012	.04	–	56699	.065	.067	57800	.087	(a)	58802	.049	.48
54077	.105	.39	56758	.055	.14	57808	.047	(a)	58813	.178	(a)
54444	(a)	(a)	56759	.057	.078	57809	.048	(a)	58822	.135	(a)
55010	.32	.98	56760	.081	.099	57810	.047	.10	58837	.36	.161
55011	.086	1.75	56805	.107	(a)	57871	.056	.111	58840	.107	.121
55012	.102	1.11	56806	.076	(a)	57913	.113	.26	58873	.17	.027
55013	.155	1.12	56807	.075	(a)	57997	.09	–	58903	.031	(a)
55014	(a)	(a)	56808	.098	(a)	57998	.05	.054	58904	.024	.12
55214	.083	.083	56900	.094	(a)	57999	.077	.07	58922	.28	.179
55371	.39	.108	56910	.047	(a)	58009	.077	(a)	59005	.058	.089
55410	(a)	(a)	56911	.151	(a)	58010	.116	(a)	59057	.43	(a)
55426	.189	(a)	56912	.122	.084	58020	.222	(a)	59058	.28	(a)
55597	.021	1.68	56913	.10	(a)	58056	.138	(a)	59188	.44	.052
55647	.041	.065	56915	.59	(a)	58057	.087	(a)	59189	.60	.28
55648	.019	(a)	56916	.53	.215	58058	.078	(a)	59223	.176	.103
55649	.022	(a)	56917	.154	(a)	58095	.11	1.79	59257	.016	.012
55715	.164	.203	56918	.074	(a)	58096	.146	1.49	59306	.099	(a)
55716	.238	.49	56919	.189	(a)	58301	.059	.077	59378	.115	.141
55717	.249	(a)	56920	.172	(a)	58302	.039	.051	59481	.27	.096
55718	.241	(a)	56980	.081	(a)	58397	.229	.65	59482	.46	(a)
55802	.101	.011	57001	.028	.023	58408	.053	–	59537	.124	.232
55918	.094	2.26	57002	.018	.096	58409	.067	–	59601	.10	2.23
55919	.013	3.42	57090	.28	.68	58456	.036	–	59647	.205	.158
56040	.009	.03	57146	.175	.75	58457	.052	–	59660	.184	1.06
56041	.058	(a)	57202	.072	(a)	58458	.067	–	59661	.09	(a)
56042	.074	(a)	57257	.09	.034	58459	.081	–	59693	.015	–

	$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**
59695	(a)	(a)	**59964**	.46	.066	**63220**	(a)	–	**91190**	1.98	(a)
59701	.007	.33	**59970**	.106	.169	**64074**	16.60	–	**91200**	.70	–
59713	.165	.33	**59973**	.126	(a)	**64075**	11.70	–	**91210**	(a)	–
59722	.085	.028	**59975**	.148	.19	**64500**	(a)	–	**91235**	2.31	2.46
59723	.032	.034	**59977**	.084	(a)	**65007**	22.80	–	**91250**	3.48	(a)
59724	.049	.015	**59984**	.034	.049	**66122**	9.79	–	**91265**	15.00	3.20
59725	.061	.145	**59985**	.135	(a)	**66123**	5.38	–	**91266**	7.93	1.11
59726	.045	.023	**59986**	.103	(a)	**66309**	15.70	–	**91280**	(a)	4.10
59738	.143	.059	**59988**	.038	.055	**66561**	36.40	–	**91302**	9.63	(a)
59750	.092	.181	**59989**	.018	.041	**67017**	33.80	–	**91315**	2.92	–
59751	.033	(a)	**60010**	17.10	–	**67508**	49.60	–	**91324**	6.51	(a)
59773	.026	.026	**60011**	19.60	–	**67509**	36.40	–	**91325**	(a)	(a)
59774	.021	.141	**60012**	32.30	–	**67510**	20.20	–	**91340**	4.25	9.57
59775	.028	.178	**60013**	27.70	–	**67511**	21.90	–	**91341**	4.21	5.49
59781	.08	.085	**60015**	20.70	–	**67512**	93.80	–	**91342**	3.90	4.03
59782	.119	.56	**60016**	23.20	–	**67513**	59.50	–	**91343**	.93	1.48
59783	.116	(a)	**60035**	25.70	–	**67634**	29.20	–	**91405**	4.95	–
59784	.089	(a)	**61000**	16.90	–	**67635**	20.70	–	**91436**	4.76	2.28
59790	.11	(a)	**61212**	13.10	–	**68001**	63.20	–	**91481**	17.40	–
59798	.30	.46	**61216**	14.50	–	**68439**	81.20	–	**91507**	2.56	3.50
59806	.217	(a)	**61217**	13.20	–	**68500**	3.76	–	**91523**	39.50	–
59867	.124	(a)	**61218**	9.04	–	**68604**	1.52	–	**91547**	.225	–
59886	.017	.10	**61223**	64.30	–	**68606**	5.93	–	**91551**	1.39	.69
59889	.086	.187	**61224**	20.50	–	**68607**	4.69	–	**91555**	1.39	1.00
59892	.116	(a)	**61225**	28.40	–	**68702**	3.86	–	**91560**	4.38	4.67
59904	.078	.076	**61226**	47.80	–	**68703**	2.90	–	**91562**	3.10	–
59905	.078	.12	**61227**	43.80	–	**68706**	12.40	–	**91577**	11.10	3.65
59914	.46	.69	**62000**	9.98	–	**68707**	12.30	–	**91580**	5.78	–
59915	.26	.66	**62001**	7.86	–	**90089**	4.03	–	**91581**	(a)	(a)
59917	.048	.232	**62002**	3.59	–	**91111**	2.98	6.29	**91582**	(a)	(a)
59923	.011	.005	**62003**	11.30	–	**91125**	2.43	1.66	**91583**	(a)	(a)
59925	.29	1.19	**63010**	30.80	–	**91127**	2.00	1.10	**91584**	(a)	(a)
59926	.248	.46	**63011**	38.40	–	**91130**	1.23	–	**91585**	(a)	(a)
59927	.166	1.30	**63012**	54.70	–	**91135**	.34	(a)	**91586**	(a)	(a)
59931	.205	.48	**63013**	51.80	–	**91150**	1.89	5.94	**91587**	(a)	(a)
59932	.22	.80	**63215**	37.40	–	**91155**	4.20	47.50	**91588**	(a)	(a)
59941	.069	(a)	**63216**	25.90	–	**91160**	.97	–	**91589**	(a)	(a)
59947	.078	.30	**63217**	69.80	–	**91175**	.84	–	**91590**	3.22	–
59955	.026	.132	**63218**	23.50	–	**91177**	3.67	–	**91591**	(a)	(a)
59963	.195	.37	**63219**	(a)	–	**91179**	3.69	–	**91606**	12.00	–

$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
91618	(a)	(a)	95357	1.23	–	97653	2.92	3.14	98426	2.37	(a)
91629	2.45	(a)	95358	(a)	–	97654	5.09	2.88	98427	2.31	–
91636	4.21	–	95410	4.14	3.05	97655	4.60	4.83	98428	(a)	–
91641	1.14	(a)	95455	5.08	1.71	98002	.83	.97	98429	1.10	–
91666	.87	(a)	95487	2.22	(a)	98003	.91	(a)	98430	(a)	–
91722	3.68	(a)	95505	2.37	2.49	98090	.123	–	98449	3.31	26.60
91746	3.10	4.51	95620	1.80	(a)	98091	.133	–	98482	3.55	8.26
91805	.195	–	95625	4.60	4.59	98092	.40	–	98483	5.24	21.00
92053	.48	.59	95630	(a)	(a)	98111	.58	–	98502	5.02	4.36
92054	.165	.176	95647	2.78	4.93	98150	(a)	–	98555	2.34	–
92055	4.60	.182	95648	(a)	(a)	98151	(a)	–	98597	.52	–
92101	7.19	3.20	96053	2.11	5.03	98152	2.80	.88	98598	.18	–
92102	4.33	4.13	96317	1.27	–	98153	3.15	(a)	98601	6.01	(a)
92215	3.31	3.26	96408	3.58	13.20	98154	3.72	(a)	98622	(a)	–
92338	1.66	2.50	96409	3.31	10.60	98155	5.21	(a)	98623	(a)	–
92445	2.41	–	96410	2.91	10.20	98156	(a)	(a)	98624	.94	–
92446	5.47	1.66	96611	.97	1.50	98157	3.33	.35	98636	2.84	3.46
92447	4.78	1.65	96702	4.12	(a)	98158	(a)	(a)	98640	104.00	–
92451	2.31	2.30	96703	(a)	–	98159	2.23	(a)	98658	5.39	–
92453	3.03	–	96816	3.87	–	98160	4.73	(a)	98659	.96	.33
92478	1.50	1.71	96872	4.51	(a)	98161	5.30	(a)	98677	16.30	12.00
92593	30.30	–	96930	(a)	–	98162	(a)	(a)	98678	14.50	17.10
92663	.57	–	97002	(a)	(a)	98163	5.56	.175	98698	(a)	(a)
94007	10.30	6.29	97003	(a)	(a)	98164	1.95	.059	98699	4.72	(a)
94099	2.34	–	97047	2.96	–	98257	1.38	–	98705	7.62	–
94225	8.23	–	97050	2.30	–	98303	10.50	7.08	98710	3.28	–
94276	4.29	4.74	97111	4.94	–	98304	5.11	3.70	98751	4.07	–
94304	2.95	(a)	97220	.33	(a)	98305	2.38	2.06	98805	4.29	1.51
94381	5.53	17.40	97221	(a)	1.03	98306	6.12	.91	98806	2.64	3.47
94404	4.06	6.49	97222	1.53	1.62	98307	1.62	.44	98810	3.35	–
94444	(a)	(a)	97223	2.31	3.36	98308	1.06	1.15	98813	3.24	1.94
94569	2.74	4.10	97308	.61	–	98309	5.26	2.56	98820	8.18	3.77
94590	11.80	–	97447	2.02	6.08	98344	.66	.74	98871	(a)	(a)
94617	3.73	–	97501	(a)	–	98405	1.09	–	98884	2.13	2.21
94638	(a)	–	97502	(a)	–	98413	13.50	(a)	98914	.66	.48
95124	1.38	.95	97503	(a)	–	98414	12.30	(a)	98949	.92	.26
95233	2.95	–	97504	(a)	–	98415	1.62	(a)	98967	3.34	12.50
95305	3.21	–	97650	3.42	4.20	98423	3.85	(a)	98993	5.42	3.38
95306	4.82	–	97651	5.96	4.40	98424	6.53	(a)	99003	1.59	1.27
95310	7.66	1.53	97652	5.17	5.35	98425	2.68	(a)	99004	2.69	1.74

$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**
99080	1.12	7.81	99826	.66	.60						
99081	(a)	–	99827	.40	.54						
99082	(a)	–	99851	1.65	–						
99083	(a)	–	99917	2.67	–						
99084	(a)	(a)	99938	3.00	–						
99085	(a)	(a)	99943	8.69	–						
99111	1.63	–	99946	6.47	2.81						
99160	(a)	–	99948	6.53	27.10						
99163	3.90	.37	99952	4.91	19.30						
99165	.85	(a)	99953	5.30	10.90						
99220	1.45	(a)	99954	3.86	8.94						
99221	(a)	(a)	99955	4.83	6.96						
99222	2.72	(a)	99963	.64	–						
99223	.24	(a)	99969	2.63	4.02						
99303	13.10	–	99975	4.29	–						
99310	3.27	(a)	99986	(a)	–						
99315	9.60	2.22	99987	(a)	–						
99321	9.32	2.51	99988	2.32	–						
99445	(a)	(a)									
99471	.66	–									
99505	4.59	–									
99506	5.65	–									
99507	4.92	–									
99570	2.64	(a)									
99571	.64	(a)									
99572	1.25	(a)									
99573	1.20	(a)									
99600	1.17	–									
99613	8.26	2.21									
99614	2.61	–									
99620	.45	–									
99650	1.25	1.06									
99709	3.09	(a)									
99718	1.32	–									
99746	2.23	3.30									
99760	.25	–									
99777	5.81	–									
99793	2.83	–									
99798	(a)	(a)									
99803	(a)	12.10									