

LOSS COSTS – IMPLEMENTATION

AUGUST 1, 2022

GENERAL LIABILITY

LI-GL-2022-169

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

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### KEY MESSAGE

Revised overall prospective loss costs for **-6.8%** to be implemented.

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### BACKGROUND

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

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

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### CONSIDERATION OF COVID-19

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

Additionally, due to the impact that the COVID-19 pandemic had on experience from March 2020 and beyond, we have included a fourth year of experience in calculating prospective loss costs level changes. We will continue to seek the appropriate balance between the 2020/2021 experience and the experience of other years used in the analyses to determine our prospective loss costs for future periods.

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

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### IMPORTANT NOTE

#### Change in Format

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

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

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

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## **ISO ACTION**

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

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

Refer to the attachment(s) for complete details.

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## **SUPPLEMENTARY INFORMATION**

We are including the following supplementary information:

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

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

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## **EFFECTIVE DATE**

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

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

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

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## **IMPACT ON THE STATISTICAL REPORTING OF LOSS COST MULTIPLIER**

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

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## **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 DECEMBER 7, 2022. ANY SUBMISSION YOU MAY MAKE WITH THE INSURANCE DEPARTMENT WITH RESPECT TO THIS FILING SHOULD NOT BE SUBMITTED PRIOR TO THIS DATE.

In all correspondence with the Insurance Department on this revision, you should refer to ISO Filing Number [GL-2022-BGL1](#) and SERFF Tracking Number [ISOF-133342418](#), NOT this circular number.

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

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## **RATING SOFTWARE IMPACT**

No new attributes are being introduced with this revision.

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## **POLICYHOLDER NOTIFICATION**

If you decide to implement this revision, you should check all applicable laws for the state(s) to which this revision applies, to determine whether or not a specific policyholder notice requirement may apply. Please note that circular [LI-CL-2022-006](#) contains the ISO Guide To Renewals With Changed Conditions For Commercial Lines, which is available only as a guide to assist participating companies in complying with various conditional renewal statutes or regulations, for the major commercial lines of insurance serviced by ISO. The information in the Guide does not necessarily reflect all requirements or exceptions that may apply, and it is not intended as a substitute for your review of all applicable statutes and regulations concerning policyholder notification.

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## **REVISION DISTRIBUTION**

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

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## **RELATED RULES REVISION**

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

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## **REFERENCE(S)**

- [LI-GL-2022-170](#) (08/01/2022) Alabama General Liability Rule 24. Revision To Be Implemented
- [LI-GL-2022-069](#) (04/11/2022) General Liability Basic Limit Experience For 2022 Group 2 Jurisdictions Reviewed By Staff
- [LI-CL-2022-006](#) (02/22/2022) Revised Lead Time Requirements Listing
- [LI-GL-2020-227](#) (12/31/2020) 2020 General Liability Multistate Loss Costs Mappings Addressing Cannabis Are Being Filed

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## **ATTACHMENT(S)**

- GL-2022-BGL1
- Actuarial Analysis Supplement
- Manual Pages
- Excel Workbook

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## FILES AVAILABLE FOR DOWNLOAD

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

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

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## DATA QUALITY

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

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## ACKNOWLEDGMENT OF ACTUARIAL QUALIFICATIONS

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

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

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

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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](http://www.verisk.com/iso). To keep abreast of the latest Insurance Lines Services updates, view [www.verisk.com/ils](http://www.verisk.com/ils).

ALABAMA GL-2022-BGL1  
BASIC LIMIT LOSS COST LEVEL  
GENERAL LIABILITY OTHER THAN PROFESSIONAL  
PREMISES/OPERATIONS AND PRODUCTS/COMPLETED OPERATIONS  
EXECUTIVE SUMMARY

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PURPOSE	<p>This document:</p> <ul style="list-style-type: none"><li>• revises current advisory prospective loss costs for Premises/Operations and Products/Completed Operations classes. These loss costs represent a -6.8% change from the current ISO loss costs. Please note that throughout this document the term loss costs means advisory prospective loss costs.</li><li>• provides the analyses used to derive these advisory loss costs.</li></ul>
DEFINITION OF THE ISO ADVISORY PROSPECTIVE LOSS COSTS	<p>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.</p>
CONSIDERATION OF COVID-19	<p>In GL-2020-BGL1, loss costs for nine classifications were adjusted due to the anticipation of long-term behavioral, social and economic changes as a result of COVID-19. The expectation, based on the information currently available, was that those changes would have a material impact on prospective loss costs for certain risks. To reflect these changes, judgmentally selected adjustment factors were applied to the loss costs for those nine classes. These OL&amp;T class specific COVID-19 adjustments are still being reflected in the loss costs within this document. Refer to Section D for details.</p> <p>Additionally, due to the impact that the COVID-19 pandemic had on experience from March 2020 and beyond, we have included a fourth year of experience in calculating the statewide prospective loss costs level changes. In this review, equal weights have been assigned to each year of experience to determine the statewide indicated loss cost level changes for Premises/Operations, Products and Local Products/Completed Operations. We will continue to seek the appropriate balance between the 2020/2021 experience and the experience of other years used in the analyses to determine our prospective loss costs for future periods.</p> <p>Also, adjustment factors were applied to the premium development factors for the latest accident year to reflect the reduced expected exposures for M&amp;C, Local Products/Completed Operations and Products due to COVID-19 and the economic recession in 2020. The factors were determined by an analysis of historical experience and actuarial judgment. Refer to Section D for details.</p> <p>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.</p>

LOSS COST  
LEVEL CHANGES

The statewide advisory loss cost level changes are:

<u>SUBLINE</u>	<u>INDICATED</u>	<u>SELECTED</u>
M&C	-13.3%	-13.3%
OL&T	+0.4%	+0.4%
Premises/Operations	-6.8%	-6.8%
Products	-13.1%	-13.1%
Local Products/Completed Operations	-5.3%	-5.3%
Products/Completed Operations	-6.7%	-6.7%
GL Overall	-6.8%	-6.8%

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

INDICATED  
VS. SELECTED

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

CAPPING

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

PRIOR ISO  
REVISIONS

See Page ES-6 for the latest revisions in this jurisdiction.

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

This filing reflects revisions being made to Rule 24 in the companion rule filing GL-2022-RBOP. In determining the exposure amounts for payroll-based risks, the payroll amounts to be used for executive officers, individual insureds and co-partners are subject to Rule 24.E.2.m. In the companion rule filing the current payroll amounts are being increased by 25% relative to the current amounts for this state. An offset of 0.992 has been applied to the loss costs for payroll-based classes to reflect the change on a revenue neutral basis.

CHANGE IN  
FORMAT

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

CHANGE IN  
ALAE  
PROCEDURE IN  
SEVERITY TREND

In this document, the procedure to determine the ultimate ALAE underlying the severity trend analysis has been revised to be consistent with the procedure used in ISO's General Liability loss development calculations. Specifically, "incremental ALAE percentages" are calculated by each 12 month evaluation period and summed. They are then multiplied by estimated ultimate paid \$500,000 limit indemnity losses for a given accident year and added to the reported paid ALAE to calculate the ultimate ALAE. Historically, the reported ALAE underlying the severity trend had been developed to ultimate using the traditional link ratio method.

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

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

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INTRODUCTION  
OF CANNABIS  
CLASSIFICATION  
CODES TO THE  
STATE LOSS  
COST PAGES

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

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

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

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

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

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

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HISTORICAL  
SOURCE DATA

The data used in this document is:

- ISO reporting companies' voluntary experience.
- Fiscal-accident year data through year ended 3/31/2021 for Premises/Operations.
- Calendar-accident year data through year ended 12/31/2020 for Products/Completed Operations.

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

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ADJUSTMENTS  
TO  
REPORTED  
EXPERIENCE

The period of use for this revision is anticipated to begin on 11/1/2022. The Products/Completed Operations portion of this review uses a trend date of 7/1/2022 because of the multistate nature of the review. To adjust the loss and exposure data to levels expected to prevail during the period when the revised indications are assumed to be in effect, historical losses and exposures have been multiplied by trend factors. These trend factors are based on changes in cost, frequency and inflation sensitive exposure bases that are expected to arise between the historical experience period and the prospective period during which the revised loss costs will be in effect. For a summary of the selected annual trend factors, see Exhibits C7, C14 and C21.

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

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

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

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

TEN  
LARGEST  
COMPANY  
GROUPS IN  
ISO  
DATA  
BASE

OTHER LIABILITY (ASLOB 17.0)

PRODUCTS LIABILITY (ASLOB 18.0)

1. Travelers Indemnity Co.	1. Chubb Group of Insurance Cos.
2. Cincinnati Insurance Co.	2. Zurich American Insurance Co.
3. Continental Casualty Co.	3. Fireman's Fund Insurance Co.
4. Liberty Mutual Insurance Co.	4. Selective Insurance Group
5. XL Specialty Insurance Co.	5. Travelers Indemnity Co.
6. Chubb Group of Insurance Cos.	6. Cincinnati Insurance Co.
7. Great American Insurance Co.	7. Continental Casualty Co.
8. Pennsylvania National Mutual	8. Liberty Mutual Insurance Co.
9. Employers Mutual Casualty Co.	9. United Fire & Casualty Co.
10. Tokio Marine Cos.	10. Nationwide Mutual Insurance Co.

Insurers are listed in descending order based on the percent of written premium volume from Statutory Page 14 Data for the year ending 12/31/2020 for the Annual Statement Line of Business (ASLOB) indicated. ASLOB 17.0 is based on statewide written premium volume while ASLOB 18.0 is based on multistate written premium volume.

SIZE  
OF  
ISO  
DATA  
BASE

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

The market share of ISO participating insurers as measured by Statutory Page 14 Written Premium for the year ending 12/31/2020 is:

Statewide - Other Liability (ASLOB 17.0)	31.4 %
Multistate - Products Liability (ASLOB 18.0)	40.1 %

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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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ALABAMA  
PRIOR REVISIONS

The latest implemented revisions in this state are:

Document: GL-2021-BGL1

<u>Coverage</u>	<u>Effective Date</u>	<u>Loss Cost Level Changes</u>		
		<u>Indicated</u>	<u>Selected</u>	<u>Implemented</u>
M&C		+5.0%	+2.5%	+2.5%
OL&T		+13.3%	+13.3%	+13.3%
Prem/Ops Combined		+9.0%	+7.8%	+7.8%
Products		-8.6%	-8.6%	-8.6%
Local Products/Completed Ops		+11.2%	+11.2%	+11.2%
Products/Completed Operations		+6.7%	+6.7%	+6.7%
General Liability Overall	11/1/2021	+8.5%	+7.5%	+7.5%

Document: GL-2020-BGL1

<u>Coverage</u>	<u>Effective Date</u>	<u>Loss Cost Level Changes</u>		
		<u>Indicated</u>	<u>Selected</u>	<u>Implemented</u>
M&C		-1.6%	-1.6%	-1.6%
OL&T		+11.8%	+11.0%	+11.0%
Prem/Ops Combined		+4.3%	+4.0%	+4.0%
Products		-1.2%	-1.2%	-1.2%
Local Products/Completed Ops		+7.0%	+7.0%	+7.0%
Products/Completed Operations		+4.7%	+4.7%	+4.7%
General Liability Overall	11/1/2020	+4.4%	+4.1%	+4.1%

Document: GL-2019-BGL1

<u>Coverage</u>	<u>Effective Date</u>	<u>Loss Cost Level Changes</u>		
		<u>Indicated</u>	<u>Selected</u>	<u>Implemented</u>
M&C		+3.4%	+3.4%	+3.4%
OL&T		+13.0%	+10.0%	+10.0%
Prem/Ops Combined		+7.8%	+6.4%	+6.4%
Products		-10.9%	-10.9%	-10.9%
Local Products/Completed Ops		-2.8%	-2.8%	-2.8%
Products/Completed Operations		-5.4%	-5.4%	-5.4%
General Liability Overall	9/1/2019	+5.2%	+4.1%	+4.1%

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**SECTION E –LC ADD MANUAL PAGE WITHDRAWN**

CG-LCADD-A (Withdrawn)	E-1	
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EXPLANATION OF LOSS COST CHANGES BY CLASS  
GENERAL LIABILITY OTHER THAN PROFESSIONAL - SUBLINE CODES 334 AND 336

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

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

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

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

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

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

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

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

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

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

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

METHODOLOGY OVERVIEW  
OVERVIEW OF ISO ACTUARIAL PROCEDURES - GENERAL LIABILITY

INTRODUCTION	General Liability advisory prospective loss costs are determined by evaluating the adequacy of the current ISO loss costs to pay for our best estimate of losses and all loss adjustment expenses that will be incurred in the prospective (or future) period. This evaluation is done separately for Owners, Landlords, and Tenants; Manufacturers and Contractors; Products; and Local Products/Completed Operations Liability.
STEP 1: DETERMINATION OF INDICATED LOSS COST LEVEL CHANGES	The first step in this process is the determination of the statewide loss cost level indication for Owners, Landlords and Tenants and for Manufacturers and Contractors. A multistate loss cost level indication is determined for Products and for Local Products/Completed Operations. This loss cost indication represents the percentage change that on average must be made to the current ISO loss costs in order to achieve adequacy for the prospective conditions. The percentage changes are presented in EXHIBITS B1-B4 - Determination of Indicated Loss Cost Level Change.
STEP 2: DISTRIBUTION OF BASIC LIMIT LOSS COST LEVEL INDICATION	<p>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).</p> <p>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.</p>

METHODOLOGY OVERVIEW  
OVERVIEW OF ISO ACTUARIAL PROCEDURES - GENERAL LIABILITY

STEP 3:  
APPLICATION OF  
PERCENTAGE  
CHANGES

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

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

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

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METHODOLOGY OVERVIEW  
OVERVIEW OF ISO ACTUARIAL PROCEDURES - GENERAL LIABILITY

STEP 1 - DETERMINATION OF INDICATED LOSS COST LEVEL CHANGE

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

METHODOLOGY OVERVIEW  
OVERVIEW OF ISO ACTUARIAL PROCEDURES - GENERAL LIABILITY

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

AGGREGATE  
LOSS  
COSTS

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

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INCURRED  
LOSSES  
& LAE

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

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

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

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

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

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METHODOLOGY OVERVIEW  
OVERVIEW OF ISO ACTUARIAL PROCEDURES - GENERAL LIABILITY

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

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

METHODOLOGY OVERVIEW  
OVERVIEW OF ISO ACTUARIAL PROCEDURES - GENERAL LIABILITY

STEP 2 - DISTRIBUTION OF BASIC LIMIT LOSS COST LEVEL INDICATION

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

METHODOLOGY OVERVIEW  
OVERVIEW OF ISO ACTUARIAL PROCEDURES - GENERAL LIABILITY

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

PRODUCTS(Cont'd)

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

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

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LOCAL PRODUCTS/  
COMPLETED  
OPERATIONS

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

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

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

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EXPLANATORY NOTES TO DETERMINATION OF INDICATED  
LOSS COST LEVEL CHANGE

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

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

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

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

## EXPLANATORY NOTES TO RELATIVE CHANGE ANALYSIS

### OBJECTIVES

The objectives of this procedure are to:

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

### EXPERIENCE BASE

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

### SIMULTANEOUS DETERMINATION OF RATING VARIABLE RELATIVE CHANGES

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

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

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

### RATING VARIABLES USED

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

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

## EXPLANATORY NOTES TO RELATIVE CHANGE ANALYSIS

### ITERATIVE PROCEDURE

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

For Owners, Landlords and Tenants:

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

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

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

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

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

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

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

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

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

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

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



## EXPLANATORY NOTES TO RELATIVE CHANGE ANALYSIS

### ITERATIVE PROCEDURE (Cont'd)

For Manufacturers and Contractors, and Products:

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

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

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

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

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

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

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

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

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

## EXPLANATORY NOTES TO RELATIVE CHANGE ANALYSIS

### ITERATIVE PROCEDURE (Cont'd)

For Local Products/Completed Operations:

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

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

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

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

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

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

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

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

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

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

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

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

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

## EXPLANATORY NOTES TO RELATIVE CHANGE ANALYSIS

### ITERATIVE PROCEDURE (Cont'd)

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

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### APPLICATION OF CREDIBILITY

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

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

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

the 5 year occurrence total for a given class group, territory or type of policy. For Local Products/Completed Operations, separate formulas are used to calculate the credibility of the experience for each type of policy and class group versus the 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:

$$W = RZ \quad \text{where:}$$

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

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

W is the credibility-weighted relative change.

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

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## EXPLANATORY NOTES TO RELATIVE CHANGE ANALYSIS

### MULTILINE CONSIDERATIONS

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

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

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

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

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### 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.

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### MONOLINE INDICATIONS -- PRODUCTS

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

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

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## EXPLANATORY NOTES TO RELATIVE CHANGE ANALYSIS

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

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

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

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EXPLANATORY NOTES TO  
IMPLICIT PACKAGE MODIFICATION FACTORS

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

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

## EXPLANATION OF EXPOSURE DEVELOPMENT

### IMPORTANCE OF APPLICATION

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

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### APPLICATION OF EXPOSURE DEVELOPMENT FACTORS

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

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

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

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

## EXPLANATION OF EXPOSURE DEVELOPMENT

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

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

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

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## EXPLANATION OF LOSS DEVELOPMENT

### IMPORTANCE OF APPLICATION

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

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### APPLICATION OF LOSS DEVELOPMENT FACTORS

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

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

The immature experience reported as of 15, 27, 39 and 51 months for accident years ending 3/31/2021, 3/31/2020, 3/31/2019, and 3/31/2018 must be adjusted to an ultimate settlement basis. This adjustment is accomplished through the use of a loss development factor.

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

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

## EXPLANATION OF LOSS DEVELOPMENT

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

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

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

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

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

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

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

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

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

### OBJECTIVE

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

Traditional development procedures customarily used for losses apply a loss development factor to reported losses at various evaluation points. For example, a '15-month to ultimate' factor would be applied to the losses for accident year ended March 31, 2021 evaluated as of June 30, 2021. If an analogous procedure is used for ALAE, the variability of the experience can lead to unusually high (or low) estimates of ultimate ALAE.

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### 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.

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

### DESCRIPTION OF METHODOLOGY

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

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

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

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

---

### APPLICATION

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

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

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

FRINGE	Because there is a lower volume of data for the fringe coverage, the incremental ALAE percentages are calculated using multistate data and applied to state ultimate indemnity losses (capped at \$500,000).
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PRODUCTS	Products ALAE is developed to 171 months using multistate data and the incremental method above. Because Products ALAE historically has more substantial development beyond 171 months, multistate link ratios are calculated to develop ALAE from 171 months to ultimate, using the standard link-ratio methodology (see Explanation of Loss Development in this section).
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LOCAL PRODUCTS/ COMPLETED OPERATIONS	Local Products/Completed Operations ALAE incremental percentages are calculated to 171 months using multistate data and applied to state ultimate indemnity losses (capped at \$500,000). Since Local Products/Completed Operations ALAE historically has more substantial development beyond 171 months, multistate link ratios are calculated to develop ALAE from 171 months to ultimate, using the standard link-ratio methodology (see Explanation of Loss Development in this section).
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## EXPLANATION OF MODIFIED BONDY METHOD

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

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

\* Calculated using the Modified Bondy Procedure.

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

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

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

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

---

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

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

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

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

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

## UNALLOCATED LOSS ADJUSTMENT FACTOR METHODOLOGY

BACKGROUND	<p>Allocated loss adjustment expense is reported on a unit transaction basis with the loss records and is thus included with indemnity loss data. Since the prospective loss costs include all loss adjustment expenses, we must load for unallocated loss adjustment expense.</p> <hr/>
IMPORTANCE OF APPLICATION	<p>The unallocated loss adjustment expense factor is necessary to account for loss adjustment expenses which cannot be allocated to a particular claim.</p> <hr/>
METHODOLOGY FOR LIABILITY COVERAGES	<p>Calculation of the unallocated loss adjustment expense factor is based on multistate data for ISO member and subscriber companies (see Multistate review of ULAE Experience in EXHIBIT C6, EXHIBIT C13 and EXHIBIT C20). The adjustment is calculated by using unallocated expenses as a percent of losses and allocated expenses.</p> <p>Starting with the 2011 review, experience for CMP Liability has been included with the data used to select the ULAE factor.</p> <p>For this review the factor is 1.080.</p> <hr/>

## EXPLANATION OF TREND CALCULATION

### EXPOSURE TREND

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

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

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

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

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### SEVERITY TREND

The Premises/Operations multistate accident year (both fiscal and calendar year) average ultimate occurrence severity for the latest six, eight and ten years is displayed in EXHIBIT C7. For Products, multistate calendar accident year average occurrence severity for the latest six, eight and ten years is displayed in EXHIBIT C14. For Local Products/Completed Operations, multistate calendar accident year average occurrence severity for the latest six, eight and ten years is displayed in EXHIBIT C21. The standard ISO calculation uses the least squares method to construct an exponential curve of best fit from this time series data, since the data contain random fluctuations. By minimizing these fluctuations, we can make a more reliable estimate of the underlying trend in the data. In this review multistate dollars of losses and number of occurrences contained in the severity trend exhibits are based on paid amounts developed to ultimate using paid development factors. Large individual occurrence ALAE amounts are capped to temper the effect on a severity point in cases where they have a significant impact on the individual severity point.

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



## EXPLANATION OF TREND CALCULATION

### SEVERITY TREND (Cont'd)

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

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### FREQUENCY TREND

The historical occurrence frequency data are displayed in EXHIBIT C7, EXHIBIT C14 and EXHIBIT C21. For Premises/Operations, these pages display the frequency data for CGL only for accident years ending 12/31/2007 - 12/31/2020. For Products/Completed Operations, these pages display the frequency data for CGL only for accident years ending 12/31/2007 - 12/31/2020. The Premises/Operations experience includes occurrences arising from fringe coverages. In this review, multistate number of occurrences contained in the frequency trend exhibits are based on paid amounts developed to ultimate using paid development factors.

Historically, frequency trend for Premises/Operations and Products/Completed Operations has been quite volatile, often cyclical in nature. As a result, an exponential curve did not fit the data well over a long term. Given the frequency trend pattern, however, we are continuing to select a negative frequency trend for Owners, Landlords and Tenants, Products and Local Products/Completed Operations. For Manufacturers and Contractors, we have also selected -0.5%. These selections are consistent with a measured approach toward frequency trend selections, which reflects the difficulty of predicting turning points for cyclical and volatile data along with the amplifying effects that varying frequency trend selections have on indicated loss cost level changes.

For Premises/Operations and Products/Completed Operations, frequency trend data includes pandemic impacted periods. It is expected that the sharpest economic and pandemic disruptions have already occurred, but the effects may persist in muted form for some time. Less reliance than normal has been placed on the frequency trend data for the latest points (year ending 12/31/2020) when making selections given that this pandemic impacted period may not be a good indicator of future experience.

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## CREDIBILITY STANDARDS

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

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

The rule for Owners, Landlords and Tenants is:

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

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

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

For Manufacturers and Contractors:

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

For Owners, Landlords and Tenants:

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

For Products:

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

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

## CREDIBILITY STANDARDS

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

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

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

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

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

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

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

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

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

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

## CLASS EXCEPTIONS

# The following class exceptions apply by state:

### Class Group 10

47469 Not valid for New Jersey

### Class Group 13

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

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

### Class Group 14

49910 Valid only for New York

49913 Valid only for New York

### Class Group 32

92447 Not valid for New York, territory 01

92453 Not valid for New York, territory 01

93166 Valid only for Louisiana, with a differential of 0.17

93167 Valid only for Louisiana, with a differential of 1.62

### Class Group 33

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

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

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

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

### Class Group 35

51029 Valid only for Hawaii, with a differential of 1.00

51098 Valid only for Hawaii, with a differential of 1.00

### Class Group 38

41620 Not valid for New York

### Class Group 39

93169 Valid only for Louisiana

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

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

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

## CLASS GROUPS AND CALCULATION OF PROPOSED CLASS LOSS COSTS

### Explanatory Notes

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

## CLASS GROUPS AND CALCULATION OF PROPOSED CLASS LOSS COSTS

### Explanatory Notes (Cont'd)

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

Change Factor = (Index) (Class Group Relative Change) (SWRL) (Off balance factor)  
where "SWRL" is the selected multistate monoline loss cost level change.  
The off balance factor results from capping and is 0.999 for this review.

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

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

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

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

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

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



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

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

Differentials are reviewed on a periodic basis. The most recent differential review was completed in 2022 and is being filed with the 2022 revisions. The LPCO differential review is presented in EXHIBIT C23 and pages C-22 and C-23.

PRODUCTS/COMPLETED OPERATIONS  
CLASS EXCEPTIONS

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

Products Included

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

Class Group 21

49913	Valid only for New York
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Class Group 03

51029	Valid only for Hawaii
51098	Valid only for Hawaii

Class Group 22

93166	Valid only in Louisiana
93167	Valid only in Louisiana

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

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

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

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

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

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

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

Other data selection is as follows:

- Full coverage and deductible data are included.
- Bodily Injury and Property Damage types of loss are included.
- Occurrence coverage data are included; Claims-made coverage data are excluded.

The following definitions apply to the Classification Differential Exhibits:

- Item (1), the Class Group Experience Ratio, is the weighted average of the ten-year Experience Ratio in Column (4) for all classes in the class group, using Column (3) as weights.
- Column (2), the Current Implied Class Differential, is the average relationship between the loss cost for the class and the loss cost for the base class across jurisdictions. Puerto Rico is excluded from this calculation.
- Column (3) is the Mono/Multiline Aggregate Loss Cost at Current Level (ALCCL) for the ten accident years (ending December 31, 2010 through 2019) combined, determined by multiplying the adjusted aggregate exposures for each class by the current loss cost for that class.
- Column (4), the Experience Ratio, is equal to the total Ultimate Basic Limit Incurred Losses and ALAE with the ULAE provision for the ten accident years combined, divided by column (3).

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

Explanatory Notes (Cont'd)

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

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

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

$\bar{P}_i$  = The 10 year total Mono/Multiline ALCCL (Column (3)) for class  $i$ .

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

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

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

- Column (6) is the Formula Experience Ratio. This is found by credibility weighting the class experience ratio with the class group experience ratio and is based on the equation:

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

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

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

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

- Column (7), the Normalized Indicated Change to the Differential, is equal to Column (6) (the Formula Experience Ratio) for the class, divided by Column (6) for the base class in the class group.
- Column (8), the Indicated Differential, is the Normalized Indicated Change (Column (7)) multiplied by the Current Implied Class Differential (Column (2)).
- Column (9), the Indicated Change, is Column (7) reformatted as a percent change.
- Column (10), the Selected Change, is equal to the Selected Differential (Column (11)) divided by the Current Implied Class Differential (Column (2)) minus one.
- Column (11), the Selected Differential is equal to the Indicated Differential in Column (8), capped at +50%/-25% (Differentials below 0.1 have been rounded to three decimal places which is consistent with Premises/Operations) except for two cases:
  - Due to low data volume for class 11259, the class differential was selected to be the same as class 11258.
  - A selection (0.31) was made for class 97652 to temper the impact of one large occurrence.

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

### INTRODUCTION

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

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

In anticipation of long-term behavioral, social, and economic changes as a result of COVID-19, it is expected, based on the information currently available, that those changes will have a material impact on prospective loss costs for certain risks. To reflect these changes, judgmentally selected adjustment factors continue to be reflected in the loss costs for several classes. Additionally, for M&C, Local Products/Completed Operations and Products exposure development an adjustment factor has been applied to the standard ISO methodology development factor to be reflected in the latest experience accident year (year ending 12/31/2020 for Products/Completed Operations and 3/31/2021 for M&C).

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### LOSS COST ADJUSTMENTS GENERAL LIABILITY

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

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

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

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

IMPACT OF COVID-19 ON GENERAL LIABILITY LOSS COSTS

LOSS COST  
ADJUSTMENTS  
GENERAL LIABILITY  
(Cont'd)

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

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

### EXPOSURE DEVELOPMENT ADJUSTMENT FACTOR

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

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

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

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

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

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

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MULTISTATE  
MANUFACTURERS AND CONTRACTORS

FULL & DEDUCTIBLE COMBINED  
TOTAL LIMITS PREMIUM

EXPOSURE DEVELOPMENT ADJUSTMENT FACTOR DATA

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

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

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

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

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



MULTISTATE  
PRODUCTS

FULL & DEDUCTIBLE COMBINED  
TOTAL LIMITS PREMIUM

EXPOSURE DEVELOPMENT ADJUSTMENT FACTOR DATA

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

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

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

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

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

MULTISTATE  
LOCAL PRODUCTS/COMPLETED OPERATIONS

FULL & DEDUCTIBLE COMBINED  
TOTAL LIMITS PREMIUM

EXPOSURE DEVELOPMENT ADJUSTMENT FACTOR DATA

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

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

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

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

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

COMMERCIAL LINES MANUAL  
DIVISION SIX  
GENERAL LIABILITY  
LOSS COST ADDENDUM PAGES

ALABAMA (01)

**LOSS COST MAPPING BY CLASS**

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

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

**Table #1(LCADD) Loss Cost Mapping By Class**

## ALABAMA

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

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

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

Summary of Indications and Selected Loss Cost Level Changes	Manufacturers And Contractors	Owners, Landlords and Tenants	Overall Premises/ Operations	Products	Local Products/ Completed Operations	Products/ Completed Operations	Overall General Liability Other Than Professional
Statewide Indicated Monoline-Multiline Loss Cost Level Change (See Section B)	- 12.8%	- 4.9%	- 9.0%				
Statewide Indicated Monoline Loss Cost Level Change (See Section B)	- 13.3%	+ 0.4%	- 6.8%	- 13.1%*	- 5.3%**	- 6.7%	- 6.8%
Statewide Selected Monoline Loss Cost Level Change	- 13.3%	+ 0.4%	- 6.8%	- 13.1%*	- 5.3%	- 6.7%	- 6.8%

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

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

## ALABAMA

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

<u>CODE</u>	<u>TERRITORY DESCRIPTION</u>	LATEST YEAR MONO/MULTI AGGREGATE LOSS COSTS AT CURRENT LEVEL (ALCCL)	INDICATED LOSS COST LEVEL CHANGE BEFORE CAPPING	LOSS COST LEVEL CHANGE AFTER CAPPING
501	Birmingham	\$2,871,244	+ 4.6%	+ 4.6%
503	Remainder of State	\$14,288,308	- 0.4%	- 0.4%
	STATEWIDE TOTAL	\$17,159,552	+ 0.4%	+ 0.4%

ALABAMA  
PREMISES/OPERATIONS  
CLASS GROUP LOSS COST LEVEL CHANGES

MANUFACTURERS AND CONTRACTORS LIABILITY INSURANCE

CLASS GROUP	DESCRIPTION	LATEST YEAR MONO/MULTI ALCCL	INDICATED LOSS COST LEVEL CHANGE BEFORE CAPPING	LOSS COST LEVEL CHANGE AFTER CAPPING
30	SERVICE	\$ 1,485,985	- 13.8%	- 13.4%
31	LIGHT CONTRACTING	\$ 1,766,501	- 12.3%	- 11.9%
32	MEDIUM CONTRACTING	\$ 6,841,595	- 13.6%	- 13.2%
33	HEAVY CONTRACTING	\$ 2,345,581	- 15.8%	- 15.4%
34	DEALERS OR DISTRIBUTORS	\$ 1,797,356	- 10.7%	- 11.4%
35	LIGHT MANUFACTURERS	\$ 179,793	- 14.9%	- 15.6%
36	MEDIUM MANUFACTURERS	\$ 1,440,731	- 15.4%	- 16.1%
37	HEAVY MANUFACTURERS	\$ 1,400,451	- 14.5%	- 15.4%
38	MISCELLANEOUS OPERATIONS	\$ 1,655,710	- 9.0%	- 9.8%
	TOTAL	\$ 18,913,703	- 13.3%	- 13.3%

OWNERS, LANDLORDS AND TENANTS LIABILITY INSURANCE

CLASS GROUP	DESCRIPTION	LATEST YEAR MONO/MULTI ALCCL	INDICATED LOSS COST LEVEL CHANGE BEFORE CAPPING	LOSS COST LEVEL CHANGE AFTER CAPPING
01	FOOD AND BEVERAGE (RETAIL)	\$ 1,305,774	- 0.4%	- 1.0%
02	RESTAURANTS	\$ 2,083,236	- 2.2%	- 2.3%
03	STORES	\$ 1,333,707	- 0.7%	- 0.7%
04	VENDING AND RENTAL	\$ 61,044	- 2.6%	- 2.7%
05	FOOD AND BEVERAGE DISTRIBUTORS	\$ 269,902	- 3.7%	- 3.7%
06	NON-(FOOD AND BEVERAGE) DISTRIB.	\$ 743,004	- 2.2%	- 1.7%
07	CLUBS, AMUSEMENTS AND SPORTS	\$ 1,389,593	+ 2.2%	+ 2.1%
08	HEALTH CARE FACILITIES	\$ 176,352	+ 0.2%	- 0.3%
09	HOTELS AND MOTELS	\$ 1,306,244	+ 2.1%	+ 1.7%
10	SCHOOLS AND CHURCHES	\$ 1,934,854	- 5.6%	- 5.7%
11	APARTMENTS	\$ 1,690,564	+ 5.8%	+ 5.7%
12	BUILDINGS AND OFFICES	\$ 4,564,805	+ 2.6%	+ 3.0%
13	MISCELLANEOUS PREMISES	\$ 118,734	- 0.4%	+ 0.2%
16	GOVERNMENTAL SUBDIVISIONS	\$ 181,738	- 4.2%	- 5.1%
	TOTAL	\$ 17,159,552	+ 0.4%	+ 0.4%

## ALABAMA

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

CLASS GROUP	DESCRIPTION	LATEST YEAR MULTISTATE MONO/MULTI ALCCL AT MULTISTATE LEVEL	INDICATED MULTISTATE LOSS COST LEVEL CHANGE	LATEST YEAR STATEWIDE MONO/MULTI ALCCL AT CURRENT LEVEL	INDICATED STATEWIDE LOSS COST LEVEL CHANGE	SELECTED STATEWIDE LOSS COST LEVEL CHANGE
03	MANUFACTURERS, DEALERS OR DISTRIBUTORS- FOOD OR DRUG	\$ 29,971,705	- 11.7%	\$ 262,036	- 13.4%	- 13.4%
04	DEALERS OR DISTRIBUTORS-NOT FOOD OR DRUG	\$ 38,602,493	- 12.3%	\$ 686,664	- 11.8%	- 11.8%
05	MANUFACTURERS-NOT FOOD OR DRUG-LOW	\$ 4,495,269	- 10.8%	\$ 16,818	- 4.1%	- 4.1%
06	MANUFACTURERS-NOT FOOD OR DRUG-MEDIUM	\$ 33,819,957	- 12.1%	\$ 629,785	- 15.1%	- 15.1%
07	MANUFACTURERS-NOT FOOD OR DRUG-HIGH	\$ 8,325,383	- 13.6%	\$ 295,782	- 12.2%	- 12.2%
	PRODUCTS SUBTOTAL	\$ 115,214,806	- 12.1%	\$ 1,891,085	- 13.1%	- 13.1%
01	RETAIL STORES-FOOD OR DRUG			\$ 157,443	- 2.1%	+ 0.1%
02	RETAIL STORES-NOT FOOD OR DRUG			\$ 417,397	- 6.2%	- 5.0%
11	COMPLETED OPERATIONS-LOW			\$ 320,129	+ 0.1%	- 0.5%
12	COMPLETED OPERATIONS-MEDIUM			\$ 6,977,903	- 5.3%	- 5.5%
13	COMPLETED OPERATIONS-HIGH			\$ 476,800	- 8.7%	- 7.5%
	LOCAL PRODUCTS/COMPLETED OPERATIONS SUBTOTAL			\$ 8,349,673	- 5.3%	- 5.3%
	TOTAL			\$ 10,240,758	- 6.7%	- 6.7%

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

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

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

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

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

- M&C classes reflect an upper cap of +25% and a lower cap of -33% relative to current loss costs;
- OL&T classes reflect an upper cap of +25% and a lower cap of -20% relative to current loss costs;
- Products classes reflect an upper cap of +25% and a lower cap of -32% relative to current multistate loss costs;
- Local Products/Completed Operations classes reflect an upper cap of +25% and a lower cap of -25% relative to current loss costs.

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

M&C:     1.004                      OL&T:     1.000                      LP/CO:     1.013

The Commercial General Liability loss costs are rounded as follows:

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

for example:

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

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



STATE: 01 - ALABAMA  
 SUBLINE: PREM/OPS

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LOSS COST PERCENT CHANGE BY CLASS

Class	Terr	Proposed Loss Cost	Present Loss Cost	Percent Change	Capping Flag	Class	Terr	Proposed Loss Cost	Present Loss Cost	Percent Change	Capping Flag	Class	Terr	Proposed Loss Cost	Present Loss Cost	Percent Change	Capping Flag
10010	501	0.233	0.228	+2.2		10072	503	8.600	9.550	-9.9		10145	501	0.310	0.310	0.0	
10010	503	0.156	0.161	-3.1		10073	501	1.040	1.190	-12.6		10145	503	0.580	0.610	-4.9	
10011	501	0.056	0.055	+1.8		10073	503	1.290	1.460	-11.6		10146	501	0.590	0.570	+3.5	
10011	503	0.037	0.038	-2.6		10075	501	7.710	8.810	-12.5		10146	503	0.730	0.740	-1.4	
10012	501	0.065	0.064	+1.6		10075	503	9.600	10.800	-11.1		10150	501	1.080	1.050	+2.9	
10012	503	0.043	0.044	-2.3		10100	501	1.320	1.270	+3.9		10150	503	0.880	0.890	-1.1	
10015	501	12.300	11.600	+6.0		10100	503	1.640	1.650	-0.6		10151	501	27.200	26.400	+3.0	
10015	503	9.930	9.790	+1.4		10101	501	0.520	0.510	+2.0		10151	503	22.100	22.400	-1.3	
10025	501	0.056	0.055	+1.8		10101	503	0.420	0.430	-2.3		10160	501	4.840	4.700	+3.0	
10025	503	0.037	0.038	-2.6		10105	501	5.660	5.500	+2.9		10160	503	3.930	3.990	-1.5	
10026	501	1.410	1.370	+2.9		10105	503	4.590	4.670	-1.7		10204	501	0.490	0.470	+4.3	
10026	503	1.140	1.160	-1.7		10107	501	3.180	3.630	-12.4		10204	503	0.400	0.400	0.0	
10027	501	0.056	0.055	+1.8		10107	503	3.960	4.450	-11.0		10205	501	0.550	0.530	+3.8	
10027	503	0.037	0.038	-2.6		10110	501	42.000	39.600	+6.1		10205	503	0.440	0.450	-2.2	
10036	501	0.670	0.760	-11.8		10110	503	33.800	33.300	+1.5		10210	501	0.880	0.850	+3.5	
10036	503	0.830	0.940	-11.7		10111	501	0.290	0.290	0.0		10210	503	0.710	0.720	-1.4	
10040	501	0.178	0.174	+2.3		10111	503	0.195	0.201	-3.0		10211	501	0.880	0.850	+3.5	
10040	503	0.119	0.122	-2.5		10113	501	0.780	0.760	+2.6		10211	503	0.710	0.720	-1.4	
10042	501	0.810	0.780	+3.8		10113	503	0.640	0.650	-1.5		10220	501	10.300	9.980	+3.2	
10042	503	0.650	0.670	-3.0		10115	501	1.560	1.510	+3.3		10220	503	8.340	8.470	-1.5	
10052	501	8.540	8.040	+6.2		10115	503	1.260	1.280	-1.6		10255	501	0.247	0.280	-11.8	
10052	503	6.860	6.770	+1.3		10117	501	12.300	11.500	+7.0		10255	503	0.310	0.350	-11.4	
10054	501	7.570	7.130	+6.2		10117	503	9.860	9.730	+1.3		10256	501	0.910	1.030	-11.7	
10054	503	6.090	6.010	+1.3		10120	501	27.500	25.900	+6.2		10256	503	1.130	1.270	-11.0	
10060	501	0.390	0.380	+2.6		10120	503	22.100	21.800	+1.4		10257	501	0.171	0.195	-12.3	
10060	503	0.310	0.320	-3.1		10130	501	7.720	7.490	+3.1		10257	503	0.213	0.239	-10.9	
10065	501	0.580	0.560	+3.6		10130	503	6.260	6.360	-1.6		10309	501	0.350	0.340	+2.9	
10065	503	0.470	0.480	-2.1		10132	501	6.650	6.460	+2.9		10309	503	0.290	0.290	0.0	
10066	501	0.590	0.570	+3.5		10132	503	5.400	5.480	-1.5		10315	501	0.830	0.810	+2.5	
10066	503	0.480	0.490	-2.0		10133	501	3.200	3.160	+1.3		10315	503	0.670	0.680	-1.5	
10070	501	0.134	0.131	+2.3		10133	503	4.940	5.110	-3.3		10331	501	16.700	15.800	+5.7	
10070	503	0.089	0.092	-3.3		10140	501	0.033	0.033	0.0		10331	503	13.500	13.300	+1.5	
10071	501	0.690	0.670	+3.0		10140	503	0.061	0.064	-4.7		10332	501	28.900	27.200	+6.3	
10071	503	0.560	0.570	-1.8		10141	501	0.065	0.065	0.0		10332	503	23.200	22.900	+1.3	
10072	501	9.040	10.200	-11.4		10141	503	0.121	0.127	-4.7		10352	501	0.770	0.740	+4.1	

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Class	Terr	Proposed Loss Cost	Present Loss Cost	Percent Change	Capping Flag	Class	Terr	Proposed Loss Cost	Present Loss Cost	Percent Change	Capping Flag	Class	Terr	Proposed Loss Cost	Present Loss Cost	Percent Change	Capping Flag
10352	503	0.950	0.960	-1.0		11201	501	29.800	33.500	-11.0		11259	503	2.110	2.140	-1.4	
10367	501	7.990	8.990	-11.1		11201	503	28.300	31.400	-9.9		11273	501	30.400	29.500	+3.1	
10367	503	7.600	8.440	-10.0		11202	501	8.800	9.900	-11.1		11273	503	24.700	25.100	-1.6	
10368	501	11.700	13.100	-10.7		11202	503	8.370	9.290	-9.9		11274	501	29.200	28.400	+2.8	
10368	503	11.100	12.300	-9.8		11203	501	1.730	1.690	+2.4		11274	503	23.700	24.100	-1.7	
10378	501	16.900	16.000	+5.6		11203	503	1.150	1.190	-3.4		11288	501	1.950	1.880	+3.7	
10378	503	13.600	13.400	+1.5		11204	501	0.680	0.660	+3.0		11288	503	2.410	2.440	-1.2	
10379	501	7.870	7.410	+6.2		11204	503	0.550	0.560	-1.8		12014	501	0.101	0.116	-12.9	
10379	503	6.330	6.240	+1.4		11206	501	1.380	1.550	-11.0		12014	503	0.126	0.142	-11.3	
10380	501	13.400	12.700	+5.5		11206	503	1.310	1.460	-10.3		12356	501	2.580	2.510	+2.8	
10380	503	10.800	10.700	+0.9		11207	501	17.400	19.600	-11.2		12356	503	2.090	2.130	-1.9	
10381	501	11.600	11.000	+5.5		11207	503	16.600	18.400	-9.8		12361	501	0.071	0.071	0.0	
10381	503	9.350	9.230	+1.3		11208	501	2.990	3.360	-11.0		12361	503	0.132	0.138	-4.3	
11007	501	3.400	3.820	-11.0		11208	503	2.840	3.150	-9.8		12362	501	0.147	0.144	+2.1	
11007	503	3.230	3.590	-10.0		11209	501	14.000	15.800	-11.4		12362	503	0.098	0.101	-3.0	
11020	501	0.660	0.640	+3.1		11209	503	13.300	14.800	-10.1		12373	501	0.056	0.055	+1.8	
11020	503	0.530	0.540	-1.9		11210	501	5.970	6.720	-11.2		12373	503	0.037	0.038	-2.6	
11039	501	0.900	1.030	-12.6		11210	503	5.680	6.310	-10.0		12374	501	1.340	1.300	+3.1	
11039	503	1.120	1.270	-11.8		11211	501	31.000	34.900	-11.2		12374	503	1.090	1.110	-1.8	
11052	501	3.320	3.280	+1.2		11211	503	29.500	32.800	-10.1		12375	501	0.660	0.640	+3.1	
11052	503	5.130	5.310	-3.4		11212	501	4.700	5.290	-11.2		12375	503	0.530	0.540	-1.9	
11126	501	0.136	0.132	+3.0		11212	503	4.470	4.960	-9.9		12391	501	0.110	0.108	+1.9	
11126	503	0.111	0.112	-0.9		11213	501	3.830	4.310	-11.1		12391	503	0.073	0.076	-3.9	
11127	501	0.740	0.730	+1.4		11213	503	3.640	4.040	-9.9		12393	501	0.880	0.850	+3.5	
11127	503	0.500	0.510	-2.0		11214	501	9.440	10.600	-10.9		12393	503	0.710	0.720	-1.4	
11128	501	1.000	0.980	+2.0		11214	503	8.970	9.960	-9.9		12467	501	0.360	0.350	+2.9	
11128	503	0.670	0.690	-2.9		11222	501	0.159	0.178	-10.7		12467	503	0.300	0.300	0.0	
11138	501	4.180	3.940	+6.1		11222	503	0.151	0.167	-9.6		12509	501	0.062	0.071	-12.7	
11138	503	3.360	3.320	+1.2		11234	501	0.610	0.600	+1.7		12509	503	0.077	0.087	-11.5	
11155	501	0.470	0.450	+4.4		11234	503	0.500	0.510	-2.0		12510	501	0.780	0.900	-13.3	
11155	503	0.380	0.380	0.0		11248	501	0.047	0.054	-13.0		12510	503	0.980	1.100	-10.9	
11167	501	0.770	0.760	+1.3		11248	503	0.059	0.066	-10.6		12583	501	0.350	0.400	-12.5	
11167	503	1.180	1.220	-3.3		11258	501	1.590	1.530	+3.9		12583	503	0.430	0.490	-12.2	
11168	501	3.970	3.920	+1.3		11258	503	1.970	1.990	-1.0		12651	501	1.020	1.160	-12.1	
11168	503	6.130	6.350	-3.5		11259	501	1.700	1.650	+3.0		12651	503	1.270	1.430	-11.2	

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Class	Terr	Proposed Loss Cost	Present Loss Cost	Percent Change	Capping Flag	Class	Terr	Proposed Loss Cost	Present Loss Cost	Percent Change	Capping Flag	Class	Terr	Proposed Loss Cost	Present Loss Cost	Percent Change	Capping Flag
12683	501	0.470	0.530	-11.3		13453	503	0.690	0.780	-11.5		14405	501	2.000	2.250	-11.1	
12683	503	0.580	0.650	-10.8		13454	501	0.650	0.740	-12.2		14405	503	1.900	2.110	-10.0	
12707	501	0.960	0.940	+2.1		13454	503	0.810	0.910	-11.0		14527	501	0.600	0.580	+3.4	
12707	503	0.640	0.660	-3.0		13455	501	0.660	0.750	-12.0		14527	503	0.400	0.410	-2.4	
12797	501	0.203	0.198	+2.5		13455	503	0.820	0.920	-10.9		14655	501	0.193	0.188	+2.7	
12797	503	0.135	0.139	-2.9		13506	501	2.000	1.940	+3.1		14655	503	0.157	0.159	-1.3	
12805	501	0.700	0.680	+2.9		13506	503	1.620	1.650	-1.8		14731	501	3.300	3.260	+1.2	
12805	503	0.570	0.580	-1.7		13507	501	2.410	2.340	+3.0		14731	503	5.090	5.270	-3.4	
12841	501	1.170	1.140	+2.6		13507	503	1.960	1.990	-1.5		14732	501	0.244	0.241	+1.2	
12841	503	0.950	0.970	-2.1		13590	501	0.490	0.560	-12.5		14732	503	0.380	0.390	-2.6	
12927	501	0.205	0.199	+3.0		13590	503	0.610	0.690	-11.6		14733	501	1.350	1.310	+3.1	
12927	503	0.166	0.169	-1.8		13621	501	0.124	0.141	-12.1		14733	503	1.100	1.120	-1.8	
13049	501	0.037	0.037	0.0		13621	503	0.154	0.173	-11.0		14734	501	0.580	0.560	+3.6	
13049	503	0.068	0.072	-5.6		13670	501	0.040	0.040	0.0		14734	503	0.470	0.480	-2.1	
13111	501	1.470	1.420	+3.5		13670	503	0.074	0.077	-3.9		14855	501	0.218	0.249	-12.4	
13111	503	1.830	1.850	-1.1		13673	501	1.200	1.160	+3.4		14855	503	0.270	0.310	-12.9	
13112	501	0.060	0.060	0.0		13673	503	1.490	1.510	-1.3		14913	501	0.730	0.710	+2.8	
13112	503	0.112	0.118	-5.1		13715	501	0.147	0.144	+2.1		14913	503	0.590	0.600	-1.7	
13201	501	0.900	1.030	-12.6		13715	503	0.098	0.101	-3.0		15062	501	0.195	0.223	-12.6	
13201	503	1.120	1.260	-11.1		13716	501	0.990	0.960	+3.1		15062	503	0.243	0.270	-10.0	
13204	501	1.020	1.160	-12.1		13716	503	0.800	0.820	-2.4		15063	501	0.228	0.260	-12.3	
13204	503	1.270	1.430	-11.2		13720	501	0.680	0.660	+3.0		15063	503	0.280	0.320	-12.5	
13205	501	0.390	0.450	-13.3		13720	503	0.840	0.850	-1.2		15070	501	0.270	0.300	-10.0	
13205	503	0.490	0.550	-10.9		13759	501	0.390	0.380	+2.6		15070	503	0.250	0.280	-10.7	
13314	501	0.260	0.250	+4.0		13759	503	0.310	0.320	-3.1		15123	501	3.190	3.150	+1.3	
13314	503	0.212	0.216	-1.9		13930	501	0.310	0.310	0.0		15123	503	4.920	5.100	-3.5	
13351	501	0.640	0.620	+3.2		13930	503	0.209	0.215	-2.8		15124	501	1.120	1.100	+1.8	
13351	503	0.520	0.520	0.0		14068	501	0.085	0.083	+2.4		15124	503	1.720	1.780	-3.4	
13352	501	0.650	0.630	+3.2		14068	503	0.069	0.070	-1.4		15188	501	0.340	0.390	-12.8	
13352	503	0.530	0.530	0.0		14101	501	1.000	0.970	+3.1		15188	503	0.430	0.480	-10.4	
13410	501	1.420	1.620	-12.3		14101	503	0.810	0.820	-1.2		15223	501	0.047	0.047	0.0	
13410	503	1.770	1.990	-11.1		14279	501	0.470	0.540	-13.0		15223	503	0.087	0.091	-4.4	
13412	501	0.480	0.550	-12.7		14279	503	0.590	0.660	-10.6		15224	501	0.720	0.690	+4.3	
13412	503	0.600	0.670	-10.4		14401	501	1.600	1.550	+3.2		15224	503	0.890	0.900	-1.1	
13453	501	0.550	0.630	-12.7		14401	503	1.990	2.010	-1.0		15314	501	0.470	0.450	+4.4	

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LOSS COST PERCENT CHANGE BY CLASS

Class	Terr	Proposed Loss Cost	Present Loss Cost	Percent Change	Capping Flag	Class	Terr	Proposed Loss Cost	Present Loss Cost	Percent Change	Capping Flag	Class	Terr	Proposed Loss Cost	Present Loss Cost	Percent Change	Capping Flag
15314	503	0.380	0.380	0.0		16403	501	1.960	1.900	+3.2		16891	503	0.188	0.212	-11.3	
15404	501	0.089	0.102	-12.7		16403	503	1.590	1.610	-1.2		16892	501	0.270	0.310	-12.9	
15404	503	0.111	0.125	-11.2		16404	501	2.470	2.390	+3.3		16892	503	0.340	0.390	-12.8	
15405	501	0.131	0.150	-12.7		16404	503	2.000	2.030	-1.5		16900	501	2.840	2.790	+1.8	
15405	503	0.163	0.184	-11.4		16471	501	0.490	0.560	-12.5		16900	503	3.010	3.100	-2.9	
15406	501	0.330	0.380	-13.2		16471	503	0.470	0.520	-9.6		16901	501	1.820	1.790	+1.7	
15406	503	0.420	0.470	-10.6		16501	501	0.164	0.161	+1.9		16901	503	1.930	1.990	-3.0	
15488	501	0.830	0.950	-12.6		16501	503	0.110	0.113	-2.7		16902	501	1.550	1.520	+2.0	
15488	503	1.040	1.170	-11.1		16527	501	0.250	0.247	+1.2		16902	503	1.640	1.690	-3.0	
15538	501	0.830	0.810	+2.5		16527	503	0.168	0.174	-3.4		16905	501	2.990	2.940	+1.7	
15538	503	0.670	0.680	-1.5		16588	501	0.124	0.141	-12.1		16905	503	3.170	3.260	-2.8	
15600	501	2.090	2.030	+3.0		16588	503	0.154	0.173	-11.0		16906	501	1.910	1.880	+1.6	
15600	503	1.700	1.720	-1.2		16604	501	0.208	0.237	-12.2		16906	503	2.020	2.080	-2.9	
15607	501	0.350	0.390	-10.3		16604	503	0.260	0.290	-10.3		16910	501	1.710	1.680	+1.8	
15607	503	0.330	0.370	-10.8		16670	501	6.950	6.540	+6.3		16910	503	1.810	1.860	-2.7	
15608	501	0.470	0.450	+4.4		16670	503	5.590	5.510	+1.5		16911	501	1.550	1.520	+2.0	
15608	503	0.380	0.380	0.0		16676	501	0.650	0.630	+3.2		16911	503	1.640	1.690	-3.0	
15656	501	13.800	13.400	+3.0		16676	503	0.530	0.530	0.0		16915	501	1.750	1.720	+1.7	
15656	503	11.200	11.300	-0.9		16694	501	0.410	0.470	-12.8		16915	503	1.850	1.910	-3.1	
15699	501	0.870	0.970	-10.3		16694	503	0.510	0.580	-12.1		16916	501	1.460	1.430	+2.1	
15699	503	0.820	0.910	-9.9		16705	501	0.470	0.460	+2.2		16916	503	1.540	1.590	-3.1	
15733	501	0.218	0.249	-12.4		16705	503	0.310	0.320	-3.1		16920	501	3.880	3.810	+1.8	
15733	503	0.270	0.310	-12.9		16750	501	0.227	0.221	+2.7		16920	503	4.110	4.230	-2.8	
15839	501	0.630	0.610	+3.3		16750	503	0.184	0.187	-1.6		16921	501	3.540	3.480	+1.7	
15839	503	0.510	0.520	-1.9		16751	501	0.227	0.221	+2.7		16921	503	3.750	3.870	-3.1	
15991	501	0.510	0.500	+2.0		16751	503	0.184	0.187	-1.6		16930	501	2.230	2.190	+1.8	
15991	503	0.420	0.420	0.0		16819	501	1.180	1.350	-12.6		16930	503	2.360	2.430	-2.9	
15993	501	0.430	0.420	+2.4		16819	503	1.470	1.660	-11.4		16931	501	2.410	2.360	+2.1	
15993	503	0.350	0.360	-2.8		16820	501	0.920	1.050	-12.4		16931	503	2.550	2.620	-2.7	
16005	501	0.078	0.076	+2.6		16820	503	1.140	1.280	-10.9		16940	501	4.840	4.760	+1.7	
16005	503	0.052	0.054	-3.7		16881	501	3.560	3.450	+3.2		16940	503	5.130	5.280	-2.8	
16009	501	0.270	0.310	-12.9		16881	503	2.890	2.930	-1.4		16941	501	1.940	1.910	+1.6	
16009	503	0.330	0.370	-10.8		16890	501	0.139	0.158	-12.0		16941	503	2.050	2.120	-3.3	
16402	501	3.090	3.000	+3.0		16890	503	0.173	0.194	-10.8		18078	501	0.270	0.260	+3.8	
16402	503	2.510	2.550	-1.6		16891	501	0.151	0.172	-12.2		18078	503	0.177	0.183	-3.3	

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LOSS COST PERCENT CHANGE BY CLASS

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18109	501	0.850	0.830	+2.4		18834	503	0.530	0.530	0.0		40111	501	13.600	12.800	+6.3	
18109	503	0.690	0.700	-1.4		18911	501	2.050	1.990	+3.0		40111	503	11.000	10.800	+1.9	
18110	501	0.680	0.660	+3.0		18911	503	1.660	1.690	-1.8		41001	501	0.460	0.430	+7.0	
18110	503	0.550	0.560	-1.8		18912	501	3.850	3.740	+2.9		41001	503	0.370	0.370	0.0	
18205	501	0.410	0.400	+2.5		18912	503	3.130	3.180	-1.6		41421	501	0.570	0.580	-1.7	
18205	503	0.270	0.280	-3.6		18920	501	1.000	0.970	+3.1		41421	503	0.410	0.430	-4.7	
18206	501	1.100	1.070	+2.8		18920	503	0.810	0.820	-1.2		41422	501	0.300	0.310	-3.2	
18206	503	0.890	0.910	-2.2		19007	501	1.250	1.230	+1.6		41422	503	0.216	0.231	-6.5	
18335	501	0.800	0.770	+3.9		19007	503	1.920	1.990	-3.5		41510	501	103.000	99.900	+3.1	
18335	503	0.650	0.660	-1.5		19051	501	2.760	2.730	+1.1		41510	503	83.500	84.800	-1.5	
18435	501	1.400	1.350	+3.7		19051	503	4.270	4.420	-3.4		41603	501	27.000	27.500	-1.8	
18435	503	1.730	1.750	-1.1		19795	501	0.670	0.650	+3.1		41603	503	19.200	20.500	-6.3	
18436	501	1.130	1.090	+3.7		19795	503	0.540	0.550	-1.8		41604	501	14.800	15.100	-2.0	
18436	503	1.400	1.410	-0.7		19796	501	0.780	0.760	+2.6		41604	503	10.500	11.300	-7.1	
18437	501	1.140	1.100	+3.6		19796	503	0.640	0.650	-1.5		41620	501	2.490	2.800	-11.1	
18437	503	0.920	0.940	-2.1		40045	501	385.000	362.000	+6.4		41620	503	2.370	2.630	-9.9	
18438	501	2.180	2.120	+2.8		40045	503	309.000	305.000	+1.3		41650	501	38.000	38.700	-1.8	
18438	503	1.770	1.800	-1.7		40046	501	76.000	71.600	+6.1		41650	503	27.000	28.900	-6.6	
18501	501	1.280	1.240	+3.2		40046	503	61.100	60.300	+1.3		41664	501	58.200	54.900	+6.0	
18501	503	1.590	1.610	-1.2		40047	501	27.100	25.500	+6.3		41664	503	46.800	46.200	+1.3	
18506	501	0.440	0.500	-12.0		40047	503	21.800	21.500	+1.4		41665	501	6.820	6.420	+6.2	
18506	503	0.540	0.610	-11.5		40059	501	9.710	9.140	+6.2		41665	503	5.480	5.410	+1.3	
18507	501	0.410	0.400	+2.5		40059	503	7.810	7.700	+1.4		41667	501	159.000	150.000	+6.0	
18507	503	0.330	0.340	-2.9		40061	501	5.150	4.850	+6.2		41667	503	128.000	126.000	+1.6	
18570	501	4.270	4.150	+2.9		40061	503	4.140	4.080	+1.5		41668	501	149.000	141.000	+5.7	
18570	503	3.470	3.520	-1.4		40063	501	172.000	162.000	+6.2		41668	503	120.000	118.000	+1.7	
18616	501	0.330	0.380	-13.2		40063	503	138.000	137.000	+0.7		41669	501	1.050	0.990	+6.1	
18616	503	0.410	0.460	-10.9		40064	501	50.600	47.700	+6.1		41669	503	0.840	0.830	+1.2	
18707	501	0.022	0.022	0.0		40064	503	40.700	40.200	+1.2		41670	501	1.760	1.660	+6.0	
18707	503	0.015	0.015	0.0		40075	501	83.800	80.900	+3.6		41670	503	1.410	1.390	+1.4	
18708	501	0.250	0.243	+2.9		40075	503	27.300	27.600	-1.1		41677	501	0.520	0.570	-8.8	
18708	503	0.203	0.206	-1.5		40101	501	46.100	44.400	+3.8		41677	503	0.490	0.530	-7.5	
18833	501	0.260	0.260	0.0		40101	503	45.000	45.300	-0.7		41678	501	92.300	86.600	+6.6	
18833	503	0.175	0.181	-3.3		40102	501	40.800	39.200	+4.1		41678	503	52.900	52.000	+1.7	
18834	501	0.650	0.630	+3.2		40102	503	39.800	40.100	-0.7		41680	501	19.700	20.100	-2.0	

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LOSS COST PERCENT CHANGE BY CLASS

Class	Terr	Proposed Loss Cost	Present Loss Cost	Percent Change	Capping Flag	Class	Terr	Proposed Loss Cost	Present Loss Cost	Percent Change	Capping Flag	Class	Terr	Proposed Loss Cost	Present Loss Cost	Percent Change	Capping Flag
41680	503	14.100	15.000	-6.0		43822	501	7.480	8.390	-10.8		44111	503	2.450	2.580	-5.0	
41696	501	1.630	1.830	-10.9		43822	503	7.110	7.870	-9.7		44112	501	1.280	1.290	-0.8	
41696	503	1.550	1.720	-9.9		43840	501	0.093	0.104	-10.6		44112	503	1.450	1.530	-5.2	
41697	501	1.130	1.270	-11.0		43840	503	0.088	0.098	-10.2		44276	501	213.000	206.000	+3.4	
41697	503	1.080	1.200	-10.0		43860	501	5.930	6.680	-11.2		44276	503	69.300	70.100	-1.1	
41715	501	12.500	12.800	-2.3		43860	503	5.640	6.260	-9.9		44277	501	138.000	133.000	+3.8	
41715	503	8.930	9.530	-6.3		43889	501	2.120	2.390	-11.3		44277	503	44.900	45.500	-1.3	
41716	501	7.970	8.130	-2.0		43889	503	2.020	2.240	-9.8		44280	501	0.520	0.570	-8.8	
41716	503	5.680	6.060	-6.3		44009	501	3.890	3.840	+1.3		44280	503	0.490	0.530	-7.5	
43151	501	41.700	40.200	+3.7		44009	503	6.000	6.210	-3.4		44311	501	12.900	12.100	+6.6	
43151	503	13.600	13.700	-0.7		44069	501	21.300	20.100	+6.0		44311	503	10.400	10.200	+2.0	
43152	501	27.600	25.900	+6.6		44069	503	17.200	16.900	+1.8		44315	501	8.660	8.160	+6.1	
43152	503	15.800	15.600	+1.3		44070	501	6.320	5.950	+6.2		44315	503	6.970	6.870	+1.5	
43200	501	159.000	153.000	+3.9		44070	503	5.080	5.010	+1.4		44427	501	167.000	160.000	+4.4	
43200	503	51.600	52.300	-1.3		44071	501	7.030	6.620	+6.2		44427	503	163.000	164.000	-0.6	
43421	501	43.500	42.000	+3.6		44071	503	5.650	5.580	+1.3		44428	501	168.000	161.000	+4.3	
43421	503	14.100	14.300	-1.4		44072	501	4.850	4.570	+6.1		44428	503	164.000	165.000	-0.6	
43422	501	228.000	220.000	+3.6		44072	503	3.900	3.850	+1.3		44429	501	2.510	2.420	+3.7	
43422	503	74.200	75.100	-1.2		44100	501	3.850	3.870	-0.5		44429	503	2.450	2.470	-0.8	
43470	501	9.480	10.700	-11.4		44100	503	4.360	4.590	-5.0		44430	501	1.750	1.680	+4.2	
43470	503	9.010	10.000	-9.9		44101	501	4.010	4.030	-0.5		44430	503	1.710	1.720	-0.6	
43518	501	25.000	23.500	+6.4		44101	503	4.540	4.780	-5.0		44431	501	5.590	5.370	+4.1	
43518	503	20.100	19.800	+1.5		44102	501	3.130	3.140	-0.3		44431	503	5.450	5.490	-0.7	
43550	501	155.000	150.000	+3.3		44102	503	3.540	3.730	-5.1		44432	501	1.770	1.700	+4.1	
43550	503	50.500	51.100	-1.2		44103	501	2.770	2.780	-0.4		44432	503	1.730	1.740	-0.6	
43551	501	86.100	83.100	+3.6		44103	503	3.130	3.300	-5.2		44433	501	56.400	54.200	+4.1	
43551	503	28.000	28.300	-1.1		44104	501	1.160	1.170	-0.9		44433	503	55.000	55.400	-0.7	
43626	501	20.000	18.800	+6.4		44104	503	1.320	1.390	-5.0		44434	501	108.000	104.000	+3.8	
43626	503	16.100	15.800	+1.9		44108	501	1.360	1.370	-0.7		44434	503	105.000	106.000	-0.9	
43628	501	259.000	244.000	+6.1		44108	503	1.540	1.620	-4.9		44435	501	112.000	107.000	+4.7	
43628	503	209.000	206.000	+1.5		44109	501	3.450	3.470	-0.6		44435	503	109.000	110.000	-0.9	
43629	501	220.000	207.000	+6.3		44109	503	3.900	4.110	-5.1		44436	501	130.000	125.000	+4.0	
43629	503	177.000	174.000	+1.7		44110	501	3.530	3.550	-0.6		44436	503	127.000	128.000	-0.8	
43760	501	7.320	6.900	+6.1		44110	503	3.990	4.200	-5.0		44437	501	108.000	104.000	+3.8	
43760	503	5.890	5.810	+1.4		44111	501	2.160	2.180	-0.9		44437	503	106.000	106.000	0.0	

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LOSS COST PERCENT CHANGE BY CLASS

Class	Terr	Proposed Loss Cost	Present Loss Cost	Percent Change	Capping Flag	Class	Terr	Proposed Loss Cost	Present Loss Cost	Percent Change	Capping Flag	Class	Terr	Proposed Loss Cost	Present Loss Cost	Percent Change	Capping Flag
44438	501	85.500	82.200	+4.0		46004	503	25.700	27.400	-6.2		47367	501	0.520	0.570	-8.8	
44438	503	83.400	84.000	-0.7		46005	501	28.800	29.400	-2.0		47367	503	0.490	0.530	-7.5	
44439	501	166.000	160.000	+3.8		46005	503	20.600	21.900	-5.9		47420	501	3.560	3.350	+6.3	
44439	503	162.000	163.000	-0.6		46112	501	0.182	0.175	+4.0		47420	503	2.860	2.820	+1.4	
44440	501	138.000	132.000	+4.5		46112	503	0.177	0.178	-0.6		47469	501	5.690	5.810	-2.1	
44440	503	134.000	135.000	-0.7		46202	501	3.340	3.150	+6.0		47469	503	4.060	4.330	-6.2	
45190	501	2.630	2.480	+6.0		46202	503	4.090	4.040	+1.2		47471	501	4.930	5.030	-2.0	
45190	503	3.220	3.180	+1.3		46362	501	322.000	302.000	+6.6		47471	503	3.520	3.750	-6.1	
45191	501	1.870	1.760	+6.3		46362	503	184.000	181.000	+1.7		47473	501	6.450	6.580	-2.0	
45191	503	2.290	2.260	+1.3		46426	501	47.100	44.200	+6.6		47473	503	4.600	4.910	-6.3	
45192	501	2.180	2.060	+5.8		46426	503	27.000	26.500	+1.9		47474	501	7.210	7.360	-2.0	
45192	503	2.670	2.640	+1.1		46427	501	62.900	59.000	+6.6		47474	503	5.140	5.490	-6.4	
45193	501	1.290	1.220	+5.7		46427	503	36.000	35.400	+1.7		47475	501	5.690	5.810	-2.1	
45193	503	1.580	1.560	+1.3		46603	501	3.950	3.710	+6.5		47475	503	4.060	4.330	-6.2	
45210	501	1.630	1.540	+5.8		46603	503	2.260	2.230	+1.3		47476	501	5.690	5.810	-2.1	
45210	503	2.000	1.970	+1.5		46604	501	4.560	4.280	+6.5		47476	503	4.060	4.330	-6.2	
45334	501	91.500	88.300	+3.6		46604	503	2.610	2.570	+1.6		47477	501	7.590	7.740	-1.9	
45334	503	29.800	30.100	-1.0		46606	501	12.100	11.400	+6.1		47477	503	5.410	5.780	-6.4	
45380	501	0.250	0.290	-13.8		46606	503	6.950	6.840	+1.6		47478	501	7.970	8.130	-2.0	
45380	503	0.320	0.360	-11.1		46607	501	16.700	15.700	+6.4		47478	503	5.680	6.060	-6.3	
45450	501	26.900	26.000	+3.5		46607	503	9.560	9.400	+1.7		48039	501	113.000	109.000	+3.7	
45450	503	8.750	8.860	-1.2		46622	501	22.000	24.800	-11.3		48039	503	36.600	37.100	-1.3	
45678	501	0.560	0.630	-11.1		46622	503	20.900	23.200	-9.9		48206	501	52.800	49.700	+6.2	
45678	503	0.530	0.590	-10.2		46700	501	319.000	308.000	+3.6		48206	503	42.500	41.900	+1.4	
45771	501	0.390	0.440	-11.4		46700	503	104.000	105.000	-1.0		48441	501	0.222	0.209	+6.2	
45771	503	0.480	0.540	-11.1		46911	501	39.500	37.200	+6.2		48441	503	0.178	0.176	+1.1	
45819	501	0.126	0.144	-12.5		46911	503	31.800	31.300	+1.6		48557	501	22.200	20.900	+6.2	
45819	503	0.157	0.177	-11.3		46912	501	72.300	68.100	+6.2		48557	503	17.800	17.600	+1.1	
45900	501	0.239	0.232	+3.0		46912	503	58.200	57.400	+1.4		48558	501	19.300	18.200	+6.0	
45900	503	0.194	0.197	-1.5		47050	501	2.040	2.290	-10.9		48558	503	15.500	15.300	+1.3	
45901	501	0.205	0.199	+3.0		47050	503	1.940	2.150	-9.8		48600	501	94.100	88.300	+6.6	
45901	503	0.166	0.169	-1.8		47221	501	350.000	338.000	+3.6		48600	503	53.900	53.000	+1.7	
45937	501	0.360	0.350	+2.9		47221	503	114.000	115.000	-0.9		48636	501	1.280	1.530	-16.3	
45937	503	0.117	0.118	-0.8		47318	501	16.200	15.300	+5.9		48636	503	1.750	2.050	-14.6	
46004	501	36.100	36.800	-1.9		47318	503	13.100	12.900	+1.6		48637	501	16.900	16.000	+5.6	

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LOSS COST PERCENT CHANGE BY CLASS

Class	Terr	Proposed Loss Cost	Present Loss Cost	Percent Change	Capping Flag	Class	Terr	Proposed Loss Cost	Present Loss Cost	Percent Change	Capping Flag	Class	Terr	Proposed Loss Cost	Present Loss Cost	Percent Change	Capping Flag
48637	503	13.600	13.400	+1.5		49802	501	27.300	26.400	+3.4		51205	503	0.106	0.127	-16.5	
48638	501	8.410	7.920	+6.2		49802	503	8.900	9.010	-1.2		51206	501	0.015	0.019	-21.1	
48638	503	6.760	6.670	+1.3		49803	501	48.400	46.700	+3.6		51206	503	0.017	0.020	-15.0	
48808	501	3.520	3.420	+2.9		49803	503	15.800	15.900	-0.6		51210	501	0.078	0.093	-16.1	
48808	503	2.860	2.910	-1.7		49840	501	2.120	2.390	-11.3		51210	503	0.106	0.124	-14.5	
48925	501	406.000	382.000	+6.3		49840	503	2.020	2.240	-9.8		51220	501	0.270	0.320	-15.6	
48925	503	326.000	322.000	+1.2		49870	501	170.000	160.000	+6.3		51220	503	0.360	0.430	-16.3	
49005	501	0.350	0.390	-10.3		49870	503	136.000	134.000	+1.5		51221	501	0.148	0.177	-16.4	
49005	503	0.330	0.370	-10.8		50010	501	0.189	0.228	-17.1		51221	503	0.201	0.237	-15.2	
49111	501	5.390	5.230	+3.1		50010	503	0.204	0.243	-16.0		51222	501	0.180	0.215	-16.3	
49111	503	4.370	4.440	-1.6		50011	501	0.072	0.086	-16.3		51222	503	0.245	0.290	-15.5	
49181	501	36.800	35.500	+3.7		50011	503	0.097	0.116	-16.4		51224	501	0.189	0.225	-16.0	
49181	503	12.000	12.100	-0.8		50012	501	0.070	0.084	-16.7		51224	503	0.260	0.300	-13.3	
49183	501	44.800	43.300	+3.5		50012	503	0.076	0.090	-15.6		51230	501	0.032	0.038	-15.8	
49183	503	14.600	14.800	-1.4		50015	501	0.123	0.148	-16.9		51230	503	0.044	0.051	-13.7	
49184	501	94.600	91.300	+3.6		50015	503	0.133	0.158	-15.8		51240	501	0.390	0.470	-17.0	
49184	503	30.800	31.200	-1.3		50017	501	0.094	0.113	-16.8		51240	503	0.420	0.500	-16.0	
49185	501	86.100	83.100	+3.6		50017	503	0.101	0.120	-15.8		51241	501	1.150	1.390	-17.3	
49185	503	28.000	28.300	-1.1		50018	501	0.065	0.078	-16.7		51241	503	1.250	1.480	-15.5	
49239	501	0.190	0.218	-12.8		50018	503	0.089	0.105	-15.2		51250	501	0.205	0.245	-16.3	
49239	503	0.237	0.270	-12.2		50019	501	0.050	0.060	-16.7		51250	503	0.280	0.330	-15.2	
49292	501	2.690	2.600	+3.5		50019	503	0.054	0.064	-15.6		51251	501	0.033	0.040	-17.5	
49292	503	0.880	0.890	-1.1		50045	501	0.214	0.260	-17.7		51251	503	0.036	0.043	-16.3	
49333	501	19.700	19.000	+3.7		50045	503	0.231	0.270	-14.4		51252	501	0.117	0.141	-17.0	
49333	503	6.420	6.500	-1.2		50047	501	0.024	0.029	-17.2		51252	503	0.127	0.151	-15.9	
49617	501	0.260	0.260	0.0		50047	503	0.026	0.031	-16.1		51253	501	0.100	0.120	-16.7	
49617	503	0.410	0.420	-2.4		51001	501	0.044	0.053	-17.0		51253	503	0.108	0.129	-16.3	
49618	501	0.220	0.218	+0.9		51001	503	0.060	0.071	-15.5		51254	501	0.031	0.038	-18.4	
49618	503	0.340	0.350	-2.9		51005	501	0.009	0.011	-18.2		51254	503	0.034	0.040	-15.0	
49619	501	0.410	0.410	0.0		51005	503	0.012	0.015	-20.0		51255	501	0.520	0.620	-16.1	
49619	503	0.640	0.660	-3.0		51116	501	0.112	0.134	-16.4		51255	503	0.710	0.830	-14.5	
49763	501	2.690	2.660	+1.1		51116	503	0.152	0.180	-15.6		51300	501	0.067	0.081	-17.3	
49763	503	4.160	4.300	-3.3		51201	501	0.032	0.039	-17.9		51300	503	0.139	0.164	-15.2	
49801	501	308.000	298.000	+3.4		51201	503	0.035	0.042	-16.7		51305	501	0.067	0.081	-17.3	
49801	503	100.000	102.000	-2.0		51205	501	0.098	0.119	-17.6		51305	503	0.139	0.164	-15.2	

L - Lower Cap Applied  
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LOSS COST PERCENT CHANGE BY CLASS

Class	Terr	Proposed Loss Cost	Present Loss Cost	Percent Change	Capping Flag	Class	Terr	Proposed Loss Cost	Present Loss Cost	Percent Change	Capping Flag	Class	Terr	Proposed Loss Cost	Present Loss Cost	Percent Change	Capping Flag
51315	501	0.124	0.141	-12.1		51516	503	0.147	0.163	-9.8		51767	501	0.014	0.017	-17.6	
51315	503	0.154	0.173	-11.0		51517	501	0.175	0.197	-11.2		51767	503	0.029	0.034	-14.7	
51330	501	0.079	0.094	-16.0		51517	503	0.167	0.185	-9.7		51777	501	0.049	0.058	-15.5	
51330	503	0.107	0.126	-15.1		51550	501	0.089	0.107	-16.8		51777	503	0.100	0.119	-16.0	
51333	501	0.026	0.031	-16.1		51550	503	0.096	0.114	-15.8		51790	501	0.081	0.097	-16.5	
51333	503	0.035	0.041	-14.6		51551	501	0.031	0.037	-16.2		51790	503	0.167	0.198	-15.7	
51340	501	0.032	0.038	-15.8		51551	503	0.033	0.040	-17.5		51796	501	0.074	0.089	-16.9	
51340	503	0.035	0.041	-14.6		51552	501	0.053	0.064	-17.2		51796	503	0.080	0.095	-15.8	
51350	501	0.113	0.136	-16.9		51552	503	0.058	0.069	-15.9		51808	501	0.260	0.320	-18.8	
51350	503	0.233	0.280	-16.8		51553	501	0.095	0.114	-16.7		51808	503	0.280	0.340	-17.6	
51351	501	0.101	0.121	-16.5		51553	503	0.103	0.122	-15.6		51809	501	0.330	0.390	-15.4	
51351	503	0.209	0.247	-15.4		51554	501	0.009	0.011	-18.2		51809	503	0.350	0.420	-16.7	
51352	501	0.139	0.167	-16.8		51554	503	0.010	0.012	-16.7		51833	501	0.073	0.088	-17.0	
51352	503	0.290	0.340	-14.7		51575	501	0.030	0.036	-16.7		51833	503	0.151	0.179	-15.6	
51355	501	0.095	0.113	-15.9		51575	503	0.062	0.074	-16.2		51850	501	0.191	0.228	-16.2	
51355	503	0.195	0.231	-15.6		51576	501	0.171	0.205	-16.6		51850	503	0.260	0.310	-16.1	
51356	501	0.102	0.122	-16.4		51576	503	0.184	0.219	-16.0		51851	501	0.130	0.155	-16.1	
51356	503	0.210	0.249	-15.7		51600	501	0.116	0.140	-17.1		51851	503	0.176	0.207	-15.0	
51357	501	0.176	0.201	-12.4		51600	503	0.126	0.149	-15.4		51852	501	0.300	0.360	-16.7	
51357	503	0.219	0.246	-11.0		51613	501	0.077	0.092	-16.3		51852	503	0.410	0.490	-16.3	
51358	501	0.420	0.480	-12.5		51613	503	0.083	0.099	-16.2		51853	501	0.122	0.146	-16.4	
51358	503	0.530	0.590	-10.2		51625	501	0.041	0.049	-16.3		51853	503	0.166	0.195	-14.9	
51359	501	0.370	0.420	-11.9		51625	503	0.055	0.065	-15.4		51854	501	0.270	0.330	-18.2	
51359	503	0.460	0.520	-11.5		51666	501	0.048	0.058	-17.2		51854	503	0.370	0.440	-15.9	
51370	501	0.380	0.460	-17.4		51666	503	0.099	0.117	-15.4		51855	501	0.290	0.340	-14.7	
51370	503	0.410	0.490	-16.3		51702	501	0.122	0.146	-16.4		51855	503	0.390	0.460	-15.2	
51380	501	0.038	0.046	-17.4		51702	503	0.166	0.195	-14.9		51856	501	0.158	0.189	-16.4	
51380	503	0.041	0.049	-16.3		51703	501	0.051	0.060	-15.0		51856	503	0.214	0.250	-14.4	
51400	501	0.185	0.221	-16.3		51703	503	0.069	0.081	-14.8		51857	501	0.270	0.320	-15.6	
51400	503	0.250	0.300	-16.7		51734	501	0.095	0.113	-15.9		51857	503	0.370	0.430	-14.0	
51401	501	0.270	0.330	-18.2		51734	503	0.129	0.152	-15.1		51869	501	0.087	0.105	-17.1	
51401	503	0.370	0.440	-15.9		51741	501	0.202	0.243	-16.9		51869	503	0.094	0.112	-16.1	
51500	501	0.072	0.086	-16.3		51741	503	0.219	0.260	-15.8		51877	501	0.490	0.590	-16.9	
51500	503	0.078	0.092	-15.2		51752	501	0.171	0.205	-16.6		51877	503	0.530	0.630	-15.9	
51516	501	0.155	0.174	-10.9		51752	503	0.184	0.219	-16.0		51889	501	0.080	0.097	-17.5	

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LOSS COST PERCENT CHANGE BY CLASS

Class	Terr	Proposed Loss Cost	Present Loss Cost	Percent Change	Capping Flag	Class	Terr	Proposed Loss Cost	Present Loss Cost	Percent Change	Capping Flag	Class	Terr	Proposed Loss Cost	Present Loss Cost	Percent Change	Capping Flag
51889	503	0.087	0.103	-15.5		51986	501	0.189	0.228	-17.1		52435	503	0.108	0.129	-16.3	
51896	501	0.038	0.045	-15.6		51986	503	0.204	0.243	-16.0		52438	501	0.073	0.087	-16.1	
51896	503	0.041	0.048	-14.6		51999	501	0.080	0.096	-16.7		52438	503	0.078	0.093	-16.1	
51900	501	0.055	0.066	-16.7		51999	503	0.086	0.102	-15.7		52440	501	0.114	0.137	-16.8	
51900	503	0.113	0.133	-15.0		52002	501	0.070	0.084	-16.7		52440	503	0.123	0.146	-15.8	
51909	501	0.173	0.206	-16.0		52002	503	0.076	0.090	-15.6		52467	501	0.105	0.127	-17.3	
51909	503	0.234	0.280	-16.4		52075	501	0.151	0.180	-16.1		52467	503	0.114	0.135	-15.6	
51919	501	0.081	0.098	-17.3		52075	503	0.204	0.241	-15.4		52469	501	0.037	0.044	-15.9	
51919	503	0.088	0.104	-15.4		52076	501	0.181	0.217	-16.6		52469	503	0.040	0.047	-14.9	
51926	501	0.083	0.100	-17.0		52076	503	0.246	0.290	-15.2		52505	501	0.183	0.221	-17.2	
51926	503	0.089	0.106	-16.0		52109	501	0.018	0.021	-14.3		52505	503	0.198	0.236	-16.1	
51927	501	0.045	0.054	-16.7		52109	503	0.019	0.023	-17.4		52547	501	0.175	0.209	-16.3	
51927	503	0.048	0.057	-15.8		52134	501	0.234	0.280	-16.4		52547	503	0.238	0.280	-15.0	
51934	501	0.091	0.109	-16.5		52134	503	0.250	0.300	-16.7		52581	501	0.890	1.080	-17.6	
51934	503	0.098	0.116	-15.5		52137	501	0.059	0.071	-16.9		52581	503	0.970	1.150	-15.7	
51941	501	0.082	0.099	-17.2		52137	503	0.080	0.095	-15.8		52619	501	0.063	0.076	-17.1	
51941	503	0.089	0.106	-16.0		52150	501	0.430	0.520	-17.3		52619	503	0.068	0.081	-16.0	
51942	501	0.132	0.158	-16.5		52150	503	0.470	0.550	-14.5		52660	501	0.183	0.206	-11.2	
51942	503	0.142	0.169	-16.0		52315	501	0.064	0.076	-15.8		52660	503	0.174	0.194	-10.3	
51956	501	0.360	0.430	-16.3		52315	503	0.131	0.155	-15.5		52744	501	0.280	0.340	-17.6	
51956	503	0.380	0.460	-17.4		52341	501	0.037	0.044	-15.9		52744	503	0.580	0.680	-14.7	
51957	501	0.310	0.380	-18.4		52341	503	0.050	0.059	-15.3		52767	501	0.160	0.191	-16.2	
51957	503	0.340	0.400	-15.0		52342	501	0.107	0.128	-16.4		52767	503	0.218	0.260	-16.2	
51958	501	0.280	0.330	-15.2		52342	503	0.146	0.172	-15.1		52911	501	0.050	0.060	-16.7	
51958	503	0.300	0.360	-16.7		52343	501	0.065	0.078	-16.7		52911	503	0.054	0.064	-15.6	
51959	501	0.280	0.340	-17.6		52343	503	0.089	0.105	-15.2		52967	501	0.019	0.023	-17.4	
51959	503	0.310	0.370	-16.2		52401	501	0.202	0.242	-16.5		52967	503	0.020	0.024	-16.7	
51960	501	0.038	0.045	-15.6		52401	503	0.270	0.320	-15.6		53001	501	0.184	0.221	-16.7	
51960	503	0.041	0.048	-14.6		52402	501	0.018	0.021	-14.3		53001	503	0.199	0.236	-15.7	
51970	501	0.164	0.197	-16.8		52402	503	0.019	0.023	-17.4		53077	501	0.088	0.106	-17.0	
51970	503	0.177	0.210	-15.7		52432	501	0.088	0.105	-16.2		53077	503	0.095	0.114	-16.7	
51982	501	0.048	0.058	-17.2		52432	503	0.095	0.113	-15.9		53095	501	0.061	0.073	-16.4	
51982	503	0.052	0.062	-16.1		52433	501	0.080	0.096	-16.7		53095	503	0.065	0.078	-16.7	
51985	501	0.144	0.162	-11.1		52433	503	0.087	0.103	-15.5		53096	501	0.084	0.101	-16.8	
51985	503	0.137	0.152	-9.9		52435	501	0.100	0.121	-17.4		53096	503	0.091	0.108	-15.7	

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LOSS COST PERCENT CHANGE BY CLASS

Class	Terr	Proposed Loss Cost	Present Loss Cost	Percent Change	Capping Flag	Class	Terr	Proposed Loss Cost	Present Loss Cost	Percent Change	Capping Flag	Class	Terr	Proposed Loss Cost	Present Loss Cost	Percent Change	Capping Flag
53121	501	0.239	0.290	-17.6		53734	503	0.880	0.980	-10.2		55717	501	0.204	0.243	-16.0	
53121	503	0.260	0.310	-16.1		53803	501	0.340	0.400	-15.0		55717	503	0.280	0.330	-15.2	
53147	501	0.027	0.032	-15.6		53803	503	0.460	0.540	-14.8		55718	501	0.197	0.236	-16.5	
53147	503	0.037	0.043	-14.0		53907	501	0.088	0.106	-17.0		55718	503	0.270	0.320	-15.6	
53229	501	0.152	0.181	-16.0		53907	503	0.095	0.113	-15.9		55802	501	0.049	0.058	-15.5	
53229	503	0.206	0.243	-15.2		54012	501	0.093	0.104	-10.6		55802	503	0.100	0.119	-16.0	
53271	501	0.045	0.054	-16.7		54012	503	0.088	0.098	-10.2		55918	501	0.108	0.129	-16.3	
53271	503	0.049	0.058	-15.5		54077	501	0.120	0.145	-17.2		55918	503	0.116	0.138	-15.9	
53333	501	0.149	0.178	-16.3		54077	503	0.130	0.155	-16.1		55919	501	0.015	0.018	-16.7	
53333	503	0.203	0.239	-15.1		55010	501	0.360	0.440	-18.2		55919	503	0.016	0.019	-15.8	
53374	501	0.074	0.089	-16.9		55010	503	0.390	0.470	-17.0		56040	501	0.010	0.012	-16.7	
53374	503	0.152	0.180	-15.6		55011	501	0.098	0.118	-16.9		56040	503	0.011	0.013	-15.4	
53375	501	0.039	0.047	-17.0		55011	503	0.106	0.126	-15.9		56041	501	0.067	0.081	-17.3	
53375	503	0.081	0.096	-15.6		55012	501	0.117	0.141	-17.0		56041	503	0.072	0.086	-16.3	
53376	501	0.063	0.075	-16.0		55012	503	0.126	0.150	-16.0		56042	501	0.084	0.101	-16.8	
53376	503	0.129	0.153	-15.7		55013	501	0.127	0.152	-16.4		56042	503	0.091	0.108	-15.7	
53377	501	0.064	0.077	-16.9		55013	503	0.173	0.203	-14.8		56170	501	0.138	0.165	-16.4	
53377	503	0.132	0.157	-15.9		55214	501	0.095	0.114	-16.7		56170	503	0.188	0.221	-14.9	
53403	501	0.041	0.049	-16.3		55214	503	0.102	0.122	-16.4		56171	501	0.068	0.081	-16.0	
53403	503	0.084	0.099	-15.2		55371	501	0.189	0.226	-16.4		56171	503	0.092	0.109	-15.6	
53425	501	0.141	0.168	-16.1		55371	503	0.390	0.460	-15.2		56202	501	0.067	0.081	-17.3	
53425	503	0.191	0.225	-15.1		55426	501	0.154	0.184	-16.3		56202	503	0.072	0.086	-16.3	
53565	501	0.047	0.057	-17.5		55426	503	0.209	0.247	-15.4		56390	501	0.117	0.141	-17.0	
53565	503	0.097	0.115	-15.7		55597	501	0.024	0.029	-17.2		56390	503	0.126	0.150	-16.0	
53631	501	0.028	0.033	-15.2		55597	503	0.026	0.030	-13.3		56391	501	0.100	0.121	-17.4	
53631	503	0.030	0.036	-16.7		55647	501	0.047	0.057	-17.5		56391	503	0.108	0.129	-16.3	
53632	501	0.032	0.038	-15.8		55647	503	0.051	0.061	-16.4		56427	501	0.162	0.195	-16.9	
53632	503	0.035	0.041	-14.6		55648	501	0.021	0.026	-19.2		56427	503	0.175	0.208	-15.9	
53731	501	0.029	0.035	-17.1		55648	503	0.023	0.028	-17.9		56488	501	0.081	0.097	-16.5	
53731	503	0.032	0.038	-15.8		55649	501	0.026	0.031	-16.1		56488	503	0.167	0.198	-15.7	
53732	501	0.200	0.241	-17.0		55649	503	0.028	0.033	-15.2		56567	501	0.143	0.171	-16.4	
53732	503	0.216	0.260	-16.9		55715	501	0.188	0.226	-16.8		56567	503	0.194	0.229	-15.3	
53733	501	0.130	0.157	-17.2		55715	503	0.203	0.242	-16.1		56650	501	0.440	0.520	-15.4	
53733	503	0.141	0.167	-15.6		55716	501	0.270	0.330	-18.2		56650	503	0.590	0.700	-15.7	
53734	501	0.930	1.040	-10.6		55716	503	0.290	0.350	-17.1		56651	501	0.238	0.280	-15.0	

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LOSS COST PERCENT CHANGE BY CLASS

Class	Terr	Proposed Loss Cost	Present Loss Cost	Percent Change	Capping Flag	Class	Terr	Proposed Loss Cost	Present Loss Cost	Percent Change	Capping Flag	Class	Terr	Proposed Loss Cost	Present Loss Cost	Percent Change	Capping Flag
56651	503	0.320	0.380	-15.8		56915	501	0.480	0.580	-17.2		57572	503	0.018	0.021	-14.3	
56652	501	0.170	0.203	-16.3		56915	503	0.650	0.770	-15.6		57600	501	0.049	0.059	-16.9	
56652	503	0.231	0.270	-14.4		56916	501	0.440	0.520	-15.4		57600	503	0.053	0.063	-15.9	
56653	501	0.164	0.196	-16.3		56916	503	0.590	0.700	-15.7		57611	501	0.074	0.088	-15.9	
56653	503	0.223	0.260	-14.2		56917	501	0.126	0.150	-16.0		57611	503	0.100	0.118	-15.3	
56654	501	0.084	0.100	-16.0		56917	503	0.171	0.201	-14.9		57625	501	0.430	0.520	-17.3	
56654	503	0.114	0.134	-14.9		56918	501	0.060	0.072	-16.7		57625	503	0.470	0.560	-16.1	
56690	501	0.042	0.050	-16.0		56918	503	0.082	0.097	-15.5		57651	501	0.053	0.063	-15.9	
56690	503	0.087	0.103	-15.5		56919	501	0.154	0.184	-16.3		57651	503	0.057	0.068	-16.2	
56699	501	0.074	0.090	-17.8		56919	503	0.209	0.247	-15.4		57690	501	0.096	0.115	-16.5	
56699	503	0.080	0.096	-16.7		56920	501	0.141	0.168	-16.1		57690	503	0.131	0.154	-14.9	
56758	501	0.063	0.076	-17.1		56920	503	0.191	0.225	-15.1		57716	501	0.046	0.055	-16.4	
56758	503	0.068	0.081	-16.0		56980	501	0.093	0.112	-17.0		57716	503	0.062	0.073	-15.1	
56759	501	0.065	0.078	-16.7		56980	503	0.101	0.120	-15.8		57725	501	0.100	0.119	-16.0	
56759	503	0.070	0.083	-15.7		57001	501	0.032	0.038	-15.8		57725	503	0.136	0.160	-15.0	
56760	501	0.093	0.112	-17.0		57001	503	0.035	0.041	-14.6		57726	501	0.078	0.093	-16.1	
56760	503	0.100	0.119	-16.0		57002	501	0.021	0.025	-16.0		57726	503	0.106	0.124	-14.5	
56805	501	0.122	0.147	-17.0		57002	503	0.022	0.027	-18.5		57798	501	0.027	0.032	-15.6	
56805	503	0.132	0.157	-15.9		57090	501	0.226	0.270	-16.3		57798	503	0.029	0.034	-14.7	
56806	501	0.086	0.104	-17.3		57090	503	0.310	0.360	-13.9		57800	501	0.100	0.120	-16.7	
56806	503	0.093	0.111	-16.2		57146	501	0.143	0.171	-16.4		57800	503	0.108	0.128	-15.6	
56807	501	0.086	0.103	-16.5		57146	503	0.194	0.229	-15.3		57808	501	0.038	0.046	-17.4	
56807	503	0.093	0.110	-15.5		57202	501	0.083	0.100	-17.0		57808	503	0.052	0.061	-14.8	
56808	501	0.112	0.135	-17.0		57202	503	0.089	0.106	-16.0		57809	501	0.039	0.047	-17.0	
56808	503	0.121	0.144	-16.0		57257	501	0.103	0.124	-16.9		57809	503	0.054	0.063	-14.3	
56900	501	0.108	0.129	-16.3		57257	503	0.111	0.132	-15.9		57810	501	0.038	0.046	-17.4	
56900	503	0.116	0.138	-15.9		57401	501	0.058	0.070	-17.1		57810	503	0.052	0.061	-14.8	
56910	501	0.054	0.065	-16.9		57401	503	0.063	0.075	-16.0		57871	501	0.046	0.055	-16.4	
56910	503	0.058	0.069	-15.9		57403	501	0.100	0.120	-16.7		57871	503	0.062	0.073	-15.1	
56911	501	0.123	0.147	-16.3		57403	503	0.206	0.243	-15.2		57913	501	0.129	0.155	-16.8	
56911	503	0.167	0.197	-15.2		57410	501	0.028	0.034	-17.6		57913	503	0.139	0.166	-16.3	
56912	501	0.100	0.119	-16.0		57410	503	0.030	0.036	-16.7		57997	501	0.206	0.232	-11.2	
56912	503	0.136	0.160	-15.0		57411	501	0.035	0.041	-14.6		57997	503	0.196	0.217	-9.7	
56913	501	0.081	0.097	-16.5		57411	503	0.047	0.055	-14.5		57998	501	0.057	0.069	-17.4	
56913	503	0.111	0.130	-14.6		57572	501	0.017	0.020	-15.0		57998	503	0.062	0.073	-15.1	

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LOSS COST PERCENT CHANGE BY CLASS

Class	Terr	Proposed Loss Cost	Present Loss Cost	Percent Change	Capping Flag	Class	Terr	Proposed Loss Cost	Present Loss Cost	Percent Change	Capping Flag	Class	Terr	Proposed Loss Cost	Present Loss Cost	Percent Change	Capping Flag
57999	501	0.063	0.075	-16.0		58459	503	0.176	0.196	-10.2		58840	501	0.088	0.105	-16.2	
57999	503	0.085	0.101	-15.8		58503	501	0.070	0.084	-16.7		58840	503	0.119	0.140	-15.0	
58009	501	0.063	0.075	-16.0		58503	503	0.076	0.090	-15.6		58873	501	0.139	0.166	-16.3	
58009	503	0.085	0.101	-15.8		58532	501	0.090	0.109	-17.4		58873	503	0.189	0.223	-15.2	
58010	501	0.133	0.160	-16.9		58532	503	0.098	0.116	-15.5		58903	501	0.035	0.043	-18.6	
58010	503	0.143	0.171	-16.4		58559	501	0.018	0.022	-18.2		58903	503	0.038	0.045	-15.6	
58020	501	0.107	0.128	-16.4		58559	503	0.020	0.024	-16.7		58904	501	0.027	0.033	-18.2	
58020	503	0.221	0.260	-15.0		58560	501	0.044	0.053	-17.0		58904	503	0.029	0.035	-17.1	
58056	501	0.158	0.191	-17.3		58560	503	0.048	0.057	-15.8		58922	501	0.232	0.280	-17.1	
58056	503	0.171	0.203	-15.8		58575	501	0.057	0.069	-17.4		58922	503	0.310	0.370	-16.2	
58057	501	0.100	0.120	-16.7		58575	503	0.062	0.073	-15.1		59005	501	0.067	0.081	-17.3	
58057	503	0.108	0.128	-15.6		58627	501	0.183	0.221	-17.2		59005	503	0.072	0.086	-16.3	
58058	501	0.089	0.108	-17.6		58627	503	0.198	0.236	-16.1		59057	501	0.500	0.600	-16.7	
58058	503	0.097	0.115	-15.7		58663	501	0.320	0.380	-15.8		59057	503	0.540	0.640	-15.6	
58095	501	0.126	0.152	-17.1		58663	503	0.430	0.510	-15.7		59058	501	0.320	0.390	-17.9	
58095	503	0.136	0.162	-16.0		58682	501	0.163	0.196	-16.8		59058	503	0.350	0.410	-14.6	
58096	501	0.167	0.201	-16.9		58682	503	0.176	0.210	-16.2		59188	501	0.213	0.260	-18.1	
58096	503	0.181	0.215	-15.8		58713	501	0.031	0.037	-16.2		59188	503	0.440	0.520	-15.4	
58301	501	0.048	0.057	-15.8		58713	503	0.064	0.076	-15.8		59189	501	0.290	0.350	-17.1	
58301	503	0.065	0.077	-15.6		58737	501	0.118	0.143	-17.5		59189	503	0.600	0.710	-15.5	
58302	501	0.045	0.054	-16.7		58737	503	0.128	0.152	-15.8		59223	501	0.144	0.172	-16.3	
58302	503	0.049	0.058	-15.5		58756	501	0.059	0.071	-16.9		59223	503	0.196	0.231	-15.2	
58397	501	0.260	0.320	-18.8		58756	503	0.080	0.095	-15.8		59257	501	0.018	0.022	-18.2	
58397	503	0.280	0.340	-17.6		58757	501	0.400	0.480	-16.7		59257	503	0.020	0.023	-13.0	
58408	501	0.122	0.137	-10.9		58757	503	0.430	0.510	-15.7		59306	501	0.113	0.136	-16.9	
58408	503	0.116	0.128	-9.4		58759	501	0.049	0.059	-16.9		59306	503	0.122	0.145	-15.9	
58409	501	0.155	0.174	-10.9		58759	503	0.053	0.063	-15.9		59378	501	0.094	0.112	-16.1	
58409	503	0.147	0.163	-9.8		58802	501	0.056	0.067	-16.4		59378	503	0.127	0.150	-15.3	
58456	501	0.082	0.093	-11.8		58802	503	0.061	0.072	-15.3		59481	501	0.300	0.370	-18.9	
58456	503	0.078	0.087	-10.3		58813	501	0.146	0.174	-16.1		59481	503	0.330	0.390	-15.4	
58457	501	0.119	0.134	-11.2		58813	503	0.198	0.233	-15.0		59482	501	0.222	0.270	-17.8	
58457	503	0.114	0.126	-9.5		58822	501	0.154	0.186	-17.2		59482	503	0.460	0.540	-14.8	
58458	501	0.155	0.174	-10.9		58822	503	0.167	0.198	-15.7		59537	501	0.101	0.121	-16.5	
58458	503	0.147	0.163	-9.8		58837	501	0.290	0.350	-17.1		59537	503	0.137	0.162	-15.4	
58459	501	0.185	0.209	-11.5		58837	503	0.400	0.470	-14.9		59601	501	0.115	0.138	-16.7	

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LOSS COST PERCENT CHANGE BY CLASS

Class	Terr	Proposed Loss Cost	Present Loss Cost	Percent Change	Capping Flag	Class	Terr	Proposed Loss Cost	Present Loss Cost	Percent Change	Capping Flag	Class	Terr	Proposed Loss Cost	Present Loss Cost	Percent Change	Capping Flag
59601	503	0.124	0.147	-15.6		59781	501	0.065	0.078	-16.7		59925	503	0.470	0.530	-11.3	
59647	501	0.099	0.119	-16.8		59781	503	0.089	0.105	-15.2		59926	501	0.320	0.370	-13.5	
59647	503	0.204	0.242	-15.7		59782	501	0.097	0.116	-16.4		59926	503	0.400	0.450	-11.1	
59660	501	0.211	0.250	-15.6		59782	503	0.132	0.156	-15.4		59927	501	0.218	0.249	-12.4	
59660	503	0.228	0.270	-15.6		59783	501	0.095	0.113	-15.9		59927	503	0.270	0.310	-12.9	
59661	501	0.103	0.124	-16.9		59783	503	0.129	0.152	-15.1		59931	501	0.234	0.280	-16.4	
59661	503	0.112	0.133	-15.8		59784	501	0.073	0.087	-16.1		59931	503	0.250	0.300	-16.7	
59693	501	0.017	0.021	-19.0		59784	503	0.099	0.116	-14.7		59932	501	0.250	0.300	-16.7	
59693	503	0.019	0.022	-13.6		59790	501	0.126	0.152	-17.1		59932	503	0.270	0.320	-15.6	
59701	501	0.008	0.010	-20.0		59790	503	0.136	0.162	-16.0		59941	501	0.079	0.095	-16.8	
59701	503	0.009	0.011	-18.2		59798	501	0.248	0.300	-17.3		59941	503	0.085	0.101	-15.8	
59713	501	0.189	0.227	-16.7		59798	503	0.340	0.400	-15.0		59947	501	0.064	0.077	-16.9	
59713	503	0.204	0.243	-16.0		59806	501	0.178	0.212	-16.0		59947	503	0.087	0.103	-15.5	
59722	501	0.098	0.118	-16.9		59806	503	0.241	0.280	-13.9		59955	501	0.030	0.036	-16.7	
59722	503	0.106	0.126	-15.9		59867	501	0.142	0.171	-17.0		59955	503	0.033	0.039	-15.4	
59723	501	0.037	0.044	-15.9		59867	503	0.153	0.182	-15.9		59963	501	0.224	0.270	-17.0	
59723	503	0.040	0.047	-14.9		59886	501	0.019	0.023	-17.4		59963	503	0.242	0.290	-16.6	
59724	501	0.056	0.068	-17.6		59886	503	0.021	0.025	-16.0		59964	501	0.520	0.630	-17.5	
59724	503	0.061	0.072	-15.3		59889	501	0.041	0.050	-18.0		59964	503	0.570	0.670	-14.9	
59725	501	0.070	0.085	-17.6		59889	503	0.085	0.101	-15.8		59970	501	0.086	0.103	-16.5	
59725	503	0.076	0.090	-15.6		59892	501	0.095	0.113	-15.9		59970	503	0.117	0.138	-15.2	
59726	501	0.051	0.062	-17.7		59892	503	0.129	0.152	-15.1		59973	501	0.144	0.174	-17.2	
59726	503	0.055	0.066	-16.7		59904	501	0.064	0.077	-16.9		59973	503	0.156	0.186	-16.1	
59738	501	0.163	0.196	-16.8		59904	503	0.087	0.103	-15.5		59975	501	0.121	0.144	-16.0	
59738	503	0.176	0.210	-16.2		59905	501	0.089	0.107	-16.8		59975	503	0.164	0.193	-15.0	
59750	501	0.075	0.090	-16.7		59905	503	0.096	0.114	-15.8		59977	501	0.069	0.082	-15.9	
59750	503	0.102	0.120	-15.0		59914	501	0.520	0.630	-17.5		59977	503	0.094	0.110	-14.5	
59751	501	0.027	0.032	-15.6		59914	503	0.560	0.670	-16.4		59984	501	0.039	0.048	-18.8	
59751	503	0.037	0.043	-14.0		59915	501	0.213	0.250	-14.8		59984	503	0.043	0.051	-15.7	
59773	501	0.013	0.015	-13.3		59915	503	0.290	0.340	-14.7		59985	501	0.154	0.186	-17.2	
59773	503	0.026	0.031	-16.1		59917	501	0.039	0.047	-17.0		59985	503	0.167	0.199	-16.1	
59774	501	0.010	0.012	-16.7		59917	503	0.054	0.063	-14.3		59986	501	0.118	0.142	-16.9	
59774	503	0.021	0.025	-16.0		59923	501	0.013	0.015	-13.3		59986	503	0.128	0.152	-15.8	
59775	501	0.013	0.016	-18.8		59923	503	0.014	0.016	-12.5		59988	501	0.031	0.037	-16.2	
59775	503	0.027	0.032	-15.6		59925	501	0.380	0.440	-13.6		59988	503	0.042	0.049	-14.3	

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LOSS COST PERCENT CHANGE BY CLASS

Class	Terr	Proposed Loss Cost	Present Loss Cost	Percent Change	Capping Flag	Class	Terr	Proposed Loss Cost	Present Loss Cost	Percent Change	Capping Flag	Class	Terr	Proposed Loss Cost	Present Loss Cost	Percent Change	Capping Flag
59989	501	0.021	0.025	-16.0		61227	503	55.200	54.200	+1.8		66309	501	34.600	32.500	+6.5	
59989	503	0.022	0.027	-18.5		62000	501	21.900	20.600	+6.3		66309	503	19.800	19.500	+1.5	
60010	501	28.100	25.600	+9.8		62000	503	12.600	12.300	+2.4		66561	501	80.200	75.200	+6.6	
60010	503	18.600	17.700	+5.1		62001	501	17.300	16.200	+6.8		66561	503	45.900	45.100	+1.8	
60011	501	32.400	29.400	+10.2		62001	503	9.910	9.740	+1.7		67017	501	74.400	69.800	+6.6	
60011	503	21.400	20.400	+4.9		62002	501	7.900	7.420	+6.5		67017	503	42.600	41.900	+1.7	
60012	501	53.200	48.400	+9.9		62002	503	4.530	4.450	+1.8		67508	501	45.500	46.500	-2.2	
60012	503	35.100	33.500	+4.8		62003	501	24.900	23.400	+6.4		67508	503	32.500	34.700	-6.3	
60013	501	45.600	41.500	+9.9		62003	503	14.300	14.000	+2.1		67509	501	33.400	34.100	-2.1	
60013	503	30.100	28.700	+4.9		63010	501	50.600	46.100	+9.8		67509	503	23.800	25.400	-6.3	
60015	501	34.000	31.000	+9.7		63010	503	33.500	31.900	+5.0		67510	501	18.600	19.000	-2.1	
60015	503	22.500	21.400	+5.1		63011	501	63.300	57.600	+9.9		67510	503	13.300	14.100	-5.7	
60016	501	38.300	34.800	+10.1		63011	503	41.800	39.900	+4.8		67511	501	20.100	20.500	-2.0	
60016	503	25.300	24.100	+5.0		63012	501	90.000	81.900	+9.9		67511	503	14.300	15.300	-6.5	
60035	501	56.500	53.000	+6.6		63012	503	59.500	56.700	+4.9		67512	501	86.200	87.900	-1.9	
60035	503	32.300	31.800	+1.6		63013	501	85.200	77.600	+9.8		67512	503	61.400	65.600	-6.4	
61000	501	27.900	25.400	+9.8		63013	503	56.300	53.700	+4.8		67513	501	54.700	55.800	-2.0	
61000	503	18.400	17.500	+5.1		63215	501	82.300	77.200	+6.6		67513	503	39.000	41.600	-6.3	
61212	501	28.800	27.100	+6.3		63215	503	47.100	46.300	+1.7		67634	501	64.400	60.400	+6.6	
61212	503	16.500	16.200	+1.9		63216	501	57.100	53.600	+6.5		67634	503	36.900	36.300	+1.7	
61216	501	32.000	30.000	+6.7		63216	503	32.700	32.100	+1.9		67635	501	45.500	42.700	+6.6	
61216	503	18.300	18.000	+1.7		63217	501	77.300	72.800	+6.2		67635	503	26.100	25.600	+2.0	
61217	501	29.100	27.300	+6.6		63217	503	62.100	61.300	+1.3		68001	501	139.000	130.000	+6.9	
61217	503	16.700	16.400	+1.8		63218	501	26.000	24.500	+6.1		68001	503	79.600	78.300	+1.7	
61218	501	19.900	18.700	+6.4		63218	503	20.900	20.600	+1.5		68439	501	179.000	168.000	+6.5	
61218	503	11.400	11.200	+1.8		64074	501	18.600	17.500	+6.3		68439	503	102.000	101.000	+1.0	
61223	501	141.000	133.000	+6.0		64074	503	22.700	22.400	+1.3		68500	501	6.190	5.630	+9.9	
61223	503	81.000	79.700	+1.6		64075	501	13.100	12.300	+6.5		68500	503	4.090	3.900	+4.9	
61224	501	45.100	42.300	+6.6		64075	503	16.000	15.800	+1.3		68604	501	3.350	3.140	+6.7	
61224	503	25.800	25.400	+1.6		65007	501	50.100	47.000	+6.6		68604	503	1.920	1.880	+2.1	
61225	501	62.600	58.700	+6.6		65007	503	28.700	28.200	+1.8		68606	501	13.100	12.300	+6.5	
61225	503	35.800	35.200	+1.7		66122	501	21.500	20.200	+6.4		68606	503	7.480	7.360	+1.6	
61226	501	105.000	98.800	+6.3		66122	503	12.300	12.100	+1.7		68607	501	10.300	9.690	+6.3	
61226	503	60.300	59.300	+1.7		66123	501	11.900	11.100	+7.2		68607	503	5.910	5.810	+1.7	
61227	501	96.300	90.400	+6.5		66123	503	6.790	6.680	+1.6		68702	501	8.510	7.990	+6.5	

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LOSS COST PERCENT CHANGE BY CLASS

Class	Terr	Proposed Loss Cost	Present Loss Cost	Percent Change	Capping Flag	Class	Terr	Proposed Loss Cost	Present Loss Cost	Percent Change	Capping Flag	Class	Terr	Proposed Loss Cost	Present Loss Cost	Percent Change	Capping Flag
68702	503	4.870	4.790	+1.7		91235	501	3.620	4.210	-14.0		91551	503	1.980	2.310	-14.3	
68703	501	6.370	5.980	+6.5		91235	503	3.620	4.210	-14.0		91555	501	2.180	2.540	-14.2	
68703	503	3.650	3.590	+1.7		91250	501	5.450	6.350	-14.2		91555	503	2.180	2.540	-14.2	
68706	501	27.300	25.600	+6.6		91250	503	5.450	6.350	-14.2		91560	501	7.500	8.940	-16.1	
68706	503	15.600	15.400	+1.3		91265	501	25.600	30.600	-16.3		91560	503	7.500	8.940	-16.1	
68707	501	27.000	25.400	+6.3		91265	503	25.600	30.600	-16.3		91562	501	4.420	5.140	-14.0	
68707	503	15.500	15.200	+2.0		91266	501	13.600	16.200	-16.0		91562	503	4.420	5.140	-14.0	
90089	501	5.750	6.690	-14.1		91266	503	13.600	16.200	-16.0		91577	501	15.900	18.400	-13.6	
90089	503	5.750	6.690	-14.1		91302	501	16.500	18.800	-12.2		91577	503	15.900	18.400	-13.6	
91111	501	4.660	5.440	-14.3		91302	503	16.500	18.800	-12.2		91580	501	9.900	11.800	-16.1	
91111	503	4.660	5.440	-14.3		91315	501	4.990	5.710	-12.6		91580	503	9.900	11.800	-16.1	
91125	501	3.460	4.030	-14.1		91315	503	4.990	5.710	-12.6		91590	501	4.590	5.340	-14.0	
91125	503	3.460	4.030	-14.1		91324	501	11.100	12.800	-13.3		91590	503	4.590	5.340	-14.0	
91127	501	3.130	3.660	-14.5		91324	503	11.100	12.800	-13.3		91606	501	20.500	24.500	-16.3	
91127	503	3.130	3.660	-14.5		91340	501	7.250	8.300	-12.7		91606	503	20.500	24.500	-16.3	
91130	501	2.100	2.500	-16.0		91340	503	7.250	8.300	-12.7		91629	501	4.200	5.000	-16.0	
91130	503	2.100	2.500	-16.0		91341	501	6.010	6.980	-13.9		91629	503	4.200	5.000	-16.0	
91135	501	0.590	0.690	-14.5		91341	503	6.010	6.980	-13.9		91636	501	7.200	8.580	-16.1	
91135	503	0.590	0.690	-14.5		91342	501	6.660	7.620	-12.6		91636	503	7.200	8.580	-16.1	
91150	501	2.970	3.450	-13.9		91342	503	6.660	7.620	-12.6		91641	501	1.950	2.320	-15.9	
91150	503	2.970	3.450	-13.9		91343	501	1.330	1.540	-13.6		91641	503	1.950	2.320	-15.9	
91155	501	6.590	7.670	-14.1		91343	503	1.330	1.540	-13.6		91666	501	1.240	1.440	-13.9	
91155	503	6.590	7.670	-14.1		91405	501	8.450	9.660	-12.5		91666	503	1.240	1.440	-13.9	
91160	501	1.390	1.610	-13.7		91405	503	8.450	9.660	-12.5		91722	501	6.300	7.510	-16.1	
91160	503	1.390	1.610	-13.7		91436	501	6.800	7.900	-13.9		91722	503	6.300	7.510	-16.1	
91175	501	1.200	1.390	-13.7		91436	503	6.800	7.900	-13.9		91746	501	4.420	5.140	-14.0	
91175	503	1.200	1.390	-13.7		91481	501	24.800	28.900	-14.2		91746	503	4.420	5.140	-14.0	
91177	501	5.240	6.090	-14.0		91481	503	24.800	28.900	-14.2		91805	501	0.280	0.330	-15.2	
91177	503	5.240	6.090	-14.0		91507	501	3.660	4.250	-13.9		91805	503	0.280	0.330	-15.2	
91179	501	5.260	6.110	-13.9		91507	503	3.660	4.250	-13.9		92053	501	0.680	0.790	-13.9	
91179	503	5.260	6.110	-13.9		91523	501	56.300	65.600	-14.2		92053	503	0.680	0.790	-13.9	
91190	501	2.830	3.280	-13.7		91523	503	56.300	65.600	-14.2		92054	501	0.235	0.280	-16.1	
91190	503	2.830	3.280	-13.7		91547	501	0.320	0.380	-15.8		92054	503	0.235	0.280	-16.1	
91200	501	1.200	1.430	-16.1		91547	503	0.320	0.380	-15.8		92055	501	6.570	7.640	-14.0	
91200	503	1.200	1.430	-16.1		91551	501	1.980	2.310	-14.3		92055	503	6.570	7.640	-14.0	

L - Lower Cap Applied  
 U - Upper Cap Applied  
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STATE: 01 - ALABAMA  
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LOSS COST PERCENT CHANGE BY CLASS

Class	Terr	Proposed Loss Cost	Present Loss Cost	Percent Change	Capping Flag	Class	Terr	Proposed Loss Cost	Present Loss Cost	Percent Change	Capping Flag	Class	Terr	Proposed Loss Cost	Present Loss Cost	Percent Change	Capping Flag
92101	501	10.200	12.000	-15.0		94381	503	8.680	10.100	-14.1		96053	501	3.310	3.860	-14.2	
92101	503	10.200	12.000	-15.0		94404	501	5.790	6.740	-14.1		96053	503	3.310	3.860	-14.2	
92102	501	6.180	7.180	-13.9		94404	503	5.790	6.740	-14.1		96317	501	2.170	2.590	-16.2	
92102	503	6.180	7.180	-13.9		94569	501	3.910	4.550	-14.1		96317	503	2.170	2.590	-16.2	
92215	501	5.190	6.040	-14.1		94569	503	3.910	4.550	-14.1		96408	501	5.110	5.940	-14.0	
92215	503	5.190	6.040	-14.1		94590	501	16.900	19.600	-13.8		96408	503	5.110	5.940	-14.0	
92338	501	2.370	2.760	-14.1		94590	503	16.900	19.600	-13.8		96409	501	4.720	5.490	-14.0	
92338	503	2.370	2.760	-14.1		94617	501	5.330	6.190	-13.9		96409	503	4.720	5.490	-14.0	
92445	501	4.130	4.920	-16.1		94617	503	5.330	6.190	-13.9		96410	501	4.150	4.830	-14.1	
92445	503	4.130	4.920	-16.1		95124	501	1.960	2.280	-14.0		96410	503	4.150	4.830	-14.1	
92446	501	7.810	9.070	-13.9		95124	503	1.960	2.280	-14.0		96611	501	1.670	1.900	-12.1	
92446	503	7.810	9.070	-13.9		95233	501	4.220	4.900	-13.9		96611	503	1.670	1.900	-12.1	
92447	501	6.820	7.930	-14.0		95233	503	4.220	4.900	-13.9		96702	501	5.880	6.830	-13.9	
92447	503	6.820	7.930	-14.0		95305	501	4.570	5.320	-14.1		96702	503	5.880	6.830	-13.9	
92451	501	3.620	4.210	-14.0		95305	503	4.570	5.320	-14.1		96816	501	5.520	6.410	-13.9	
92451	503	3.620	4.210	-14.0		95306	501	8.240	9.830	-16.2		96816	503	5.520	6.410	-13.9	
92453	501	4.320	5.020	-13.9		95306	503	8.240	9.830	-16.2		96872	501	7.730	9.210	-16.1	
92453	503	4.320	5.020	-13.9		95310	501	10.900	12.700	-14.2		96872	503	7.730	9.210	-16.1	
92478	501	2.140	2.480	-13.7		95310	503	10.900	12.700	-14.2		97047	501	5.060	5.790	-12.6	
92478	503	2.140	2.480	-13.7		95357	501	2.100	2.500	-16.0		97047	503	5.060	5.790	-12.6	
92593	501	47.500	55.400	-14.3		95357	503	2.100	2.500	-16.0		97050	501	3.930	4.490	-12.5	
92593	503	47.500	55.400	-14.3		95410	501	5.900	6.860	-14.0		97050	503	3.930	4.490	-12.5	
92663	501	0.970	1.160	-16.4		95410	503	5.900	6.860	-14.0		97111	501	7.050	8.200	-14.0	
92663	503	0.970	1.160	-16.4		95455	501	8.700	10.400	-16.3		97111	503	7.050	8.200	-14.0	
94007	501	14.700	17.000	-13.5		95455	503	8.700	10.400	-16.3		97220	501	0.570	0.670	-14.9	
94007	503	14.700	17.000	-13.5		95487	501	3.160	3.680	-14.1		97220	503	0.570	0.670	-14.9	
94099	501	3.330	3.880	-14.2		95487	503	3.160	3.680	-14.1		97222	501	2.400	2.800	-14.3	
94099	503	3.330	3.880	-14.2		95505	501	4.050	4.830	-16.1		97222	503	2.400	2.800	-14.3	
94225	501	11.700	13.600	-14.0		95505	503	4.050	4.830	-16.1		97223	501	3.620	4.210	-14.0	
94225	503	11.700	13.600	-14.0		95620	501	2.570	2.990	-14.0		97223	503	3.620	4.210	-14.0	
94276	501	6.120	7.110	-13.9		95620	503	2.570	2.990	-14.0		97308	501	1.050	1.260	-16.7	
94276	503	6.120	7.110	-13.9		95625	501	7.850	8.980	-12.6		97308	503	1.050	1.260	-16.7	
94304	501	4.620	5.390	-14.3		95625	503	7.850	8.980	-12.6		97447	501	3.450	4.110	-16.1	
94304	503	4.620	5.390	-14.3		95647	501	4.360	5.080	-14.2		97447	503	3.450	4.110	-16.1	
94381	501	8.680	10.100	-14.1		95647	503	4.360	5.080	-14.2		97650	501	4.870	5.670	-14.1	

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STATE: 01 - ALABAMA  
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LOSS COST PERCENT CHANGE BY CLASS

Class	Terr	Proposed Loss Cost	Present Loss Cost	Percent Change	Capping Flag	Class	Terr	Proposed Loss Cost	Present Loss Cost	Percent Change	Capping Flag	Class	Terr	Proposed Loss Cost	Present Loss Cost	Percent Change	Capping Flag
97650	503	4.870	5.670	-14.1		98160	501	8.090	9.650	-16.2		98423	503	5.500	6.390	-13.9	
97651	501	10.200	12.200	-16.4		98160	503	8.090	9.650	-16.2		98424	501	9.320	10.900	-14.5	
97651	503	10.200	12.200	-16.4		98161	501	9.080	10.800	-15.9		98424	503	9.320	10.900	-14.5	
97652	501	8.850	10.600	-16.5		98161	503	9.080	10.800	-15.9		98425	501	3.830	4.450	-13.9	
97652	503	8.850	10.600	-16.5		98163	501	9.520	11.400	-16.5		98425	503	3.830	4.450	-13.9	
97653	501	4.170	4.850	-14.0		98163	503	9.520	11.400	-16.5		98426	501	3.380	3.930	-14.0	
97653	503	4.170	4.850	-14.0		98164	501	3.060	3.560	-14.0		98426	503	3.380	3.930	-14.0	
97654	501	7.270	8.450	-14.0		98164	503	3.060	3.560	-14.0		98427	501	3.290	3.830	-14.1	
97654	503	7.270	8.450	-14.0		98257	501	1.960	2.280	-14.0		98427	503	3.290	3.830	-14.1	
97655	501	7.880	9.390	-16.1		98257	503	1.960	2.280	-14.0		98429	501	1.870	2.240	-16.5	
97655	503	7.880	9.390	-16.1		98303	501	18.000	21.400	-15.9		98429	503	1.870	2.240	-16.5	
98002	501	1.430	1.700	-15.9		98303	503	18.000	21.400	-15.9		98449	501	4.720	5.490	-14.0	
98002	503	1.430	1.700	-15.9		98304	501	7.290	8.480	-14.0		98449	503	4.720	5.490	-14.0	
98003	501	1.300	1.510	-13.9		98304	503	7.290	8.480	-14.0		98482	501	5.070	5.890	-13.9	
98003	503	1.300	1.510	-13.9		98305	501	4.060	4.640	-12.5		98482	503	5.070	5.890	-13.9	
98090	501	0.176	0.204	-13.7		98305	503	4.060	4.640	-12.5		98483	501	7.480	8.700	-14.0	
98090	503	0.176	0.204	-13.7		98306	501	10.400	12.000	-13.3		98483	503	7.480	8.700	-14.0	
98091	501	0.190	0.222	-14.4		98306	503	10.400	12.000	-13.3		98502	501	7.160	8.330	-14.0	
98091	503	0.190	0.222	-14.4		98307	501	2.310	2.680	-13.8		98502	503	7.160	8.330	-14.0	
98092	501	0.580	0.670	-13.4		98307	503	2.310	2.680	-13.8		98555	501	3.330	3.880	-14.2	
98092	503	0.580	0.670	-13.4		98308	501	1.520	1.760	-13.6		98555	503	3.330	3.880	-14.2	
98111	501	0.910	1.070	-15.0		98308	503	1.520	1.760	-13.6		98597	501	0.740	0.870	-14.9	
98111	503	0.910	1.070	-15.0		98309	501	9.000	10.700	-15.9		98597	503	0.740	0.870	-14.9	
98152	501	4.800	5.720	-16.1		98309	503	9.000	10.700	-15.9		98598	501	0.260	0.300	-13.3	
98152	503	4.800	5.720	-16.1		98344	501	1.130	1.300	-13.1		98598	503	0.260	0.300	-13.3	
98153	501	5.400	6.440	-16.1		98344	503	1.130	1.300	-13.1		98601	501	8.570	9.990	-14.2	
98153	503	5.400	6.440	-16.1		98405	501	1.860	2.140	-13.1		98601	503	8.570	9.990	-14.2	
98154	501	6.370	7.600	-16.2		98405	503	1.860	2.140	-13.1		98624	501	1.350	1.560	-13.5	
98154	503	6.370	7.600	-16.2		98413	501	19.200	22.400	-14.3		98624	503	1.350	1.560	-13.5	
98155	501	8.920	10.700	-16.6		98413	503	19.200	22.400	-14.3		98636	501	4.440	5.180	-14.3	
98155	503	8.920	10.700	-16.6		98414	501	17.600	20.500	-14.1		98636	503	4.440	5.180	-14.3	
98157	501	5.690	6.790	-16.2		98414	503	17.600	20.500	-14.1		98640	501	148.000	172.000	-14.0	
98157	503	5.690	6.790	-16.2		98415	501	2.310	2.680	-13.8		98640	503	148.000	172.000	-14.0	
98159	501	3.820	4.560	-16.2		98415	503	2.310	2.680	-13.8		98658	501	9.230	11.000	-16.1	
98159	503	3.820	4.560	-16.2		98423	501	5.500	6.390	-13.9		98658	503	9.230	11.000	-16.1	

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STATE: 01 - ALABAMA  
 SUBLINE: PREM/OPS

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LOSS COST PERCENT CHANGE BY CLASS

Class	Terr	Proposed Loss Cost	Present Loss Cost	Percent Change	Capping Flag	Class	Terr	Proposed Loss Cost	Present Loss Cost	Percent Change	Capping Flag	Class	Terr	Proposed Loss Cost	Present Loss Cost	Percent Change	Capping Flag
98659	501	1.650	1.970	-16.2		99003	503	2.260	2.630	-14.1		99571	501	1.000	1.170	-14.5	
98659	503	1.650	1.970	-16.2		99004	501	4.590	5.250	-12.6		99571	503	1.000	1.170	-14.5	
98677	501	23.300	27.100	-14.0		99004	503	4.590	5.250	-12.6		99572	501	1.960	2.280	-14.0	
98677	503	23.300	27.100	-14.0		99080	501	1.610	1.860	-13.4		99572	503	1.960	2.280	-14.0	
98678	501	20.700	24.000	-13.8		99080	503	1.610	1.860	-13.4		99573	501	1.870	2.190	-14.6	
98678	503	20.700	24.000	-13.8		99111	501	2.330	2.710	-14.0		99573	503	1.870	2.190	-14.6	
98699	501	6.740	7.830	-13.9		99111	503	2.330	2.710	-14.0		99600	501	1.990	2.280	-12.7	
98699	503	6.740	7.830	-13.9		99163	501	5.560	6.460	-13.9		99600	503	1.990	2.280	-12.7	
98705	501	13.100	15.500	-15.5		99163	503	5.560	6.460	-13.9		99613	501	11.800	13.600	-13.2	
98705	503	13.100	15.500	-15.5		99165	501	1.220	1.410	-13.5		99613	503	11.800	13.600	-13.2	
98710	501	4.680	5.440	-14.0		99165	503	1.220	1.410	-13.5		99614	501	4.450	5.100	-12.7	
98710	503	4.680	5.440	-14.0		99220	501	2.470	2.950	-16.3		99614	503	4.450	5.100	-12.7	
98751	501	6.970	8.310	-16.1		99220	503	2.470	2.950	-16.3		99620	501	0.640	0.740	-13.5	
98751	503	6.970	8.310	-16.1		99222	501	4.650	5.540	-16.1		99620	503	0.640	0.740	-13.5	
98805	501	6.120	7.110	-13.9		99222	503	4.650	5.540	-16.1		99650	501	1.960	2.280	-14.0	
98805	503	6.120	7.110	-13.9		99223	501	0.340	0.400	-15.0		99650	503	1.960	2.280	-14.0	
98806	501	4.150	4.830	-14.1		99223	503	0.340	0.400	-15.0		99709	501	4.840	5.640	-14.2	
98806	503	4.150	4.830	-14.1		99303	501	18.600	21.700	-14.3		99709	503	4.840	5.640	-14.2	
98810	501	5.720	6.550	-12.7		99303	503	18.600	21.700	-14.3		99718	501	1.880	2.190	-14.2	
98810	503	5.720	6.550	-12.7		99310	501	4.660	5.420	-14.0		99718	503	1.880	2.190	-14.2	
98813	501	5.530	6.320	-12.5		99310	503	4.660	5.420	-14.0		99746	501	3.180	3.700	-14.1	
98813	503	5.530	6.320	-12.5		99315	501	13.700	15.900	-13.8		99746	503	3.180	3.700	-14.1	
98820	501	11.700	13.500	-13.3		99315	503	13.700	15.900	-13.8		99760	501	0.370	0.430	-14.0	
98820	503	11.700	13.500	-13.3		99321	501	13.300	15.400	-13.6		99760	503	0.370	0.430	-14.0	
98884	501	3.040	3.530	-13.9		99321	503	13.300	15.400	-13.6		99777	501	9.910	11.400	-13.1	
98884	503	3.040	3.530	-13.9		99471	501	1.120	1.350	-17.0		99777	503	9.910	11.400	-13.1	
98914	501	1.120	1.350	-17.0		99471	503	1.120	1.350	-17.0		99793	501	4.040	4.700	-14.0	
98914	503	1.120	1.350	-17.0		99505	501	7.190	8.390	-14.3		99793	503	4.040	4.700	-14.0	
98949	501	1.580	1.880	-16.0		99505	503	7.190	8.390	-14.3		99826	501	1.130	1.300	-13.1	
98949	503	1.580	1.880	-16.0		99506	501	8.850	10.300	-14.1		99826	503	1.130	1.300	-13.1	
98967	501	4.770	5.540	-13.9		99506	503	8.850	10.300	-14.1		99827	501	0.580	0.670	-13.4	
98967	503	4.770	5.540	-13.9		99507	501	7.720	8.990	-14.1		99827	503	0.580	0.670	-13.4	
98993	501	8.500	9.890	-14.1		99507	503	7.720	8.990	-14.1		99851	501	2.350	2.730	-13.9	
98993	503	8.500	9.890	-14.1		99570	501	4.150	4.830	-14.1		99851	503	2.350	2.730	-13.9	
99003	501	2.260	2.630	-14.1		99570	503	4.150	4.830	-14.1		99917	501	3.810	4.420	-13.8	

L - Lower Cap Applied  
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STATE: 01 - ALABAMA  
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LOSS COST PERCENT CHANGE BY CLASS

Class	Terr	Proposed Loss Cost	Present Loss Cost	Percent Change	Capping Flag	Class	Terr	Proposed Loss Cost	Present Loss Cost	Percent Change	Capping Flag	Class	Terr	Proposed Loss Cost	Present Loss Cost	Percent Change	Capping Flag
99917	503	3.810	4.420	-13.8													
99938	501	4.280	4.970	-13.9													
99938	503	4.280	4.970	-13.9													
99943	501	12.400	14.400	-13.9													
99943	503	12.400	14.400	-13.9													
99946	501	9.240	10.800	-14.4													
99946	503	9.240	10.800	-14.4													
99948	501	10.200	12.000	-15.0													
99948	503	10.200	12.000	-15.0													
99952	501	8.380	9.590	-12.6													
99952	503	8.380	9.590	-12.6													
99953	501	9.050	10.400	-13.0													
99953	503	9.050	10.400	-13.0													
99954	501	6.590	7.540	-12.6													
99954	503	6.590	7.540	-12.6													
99955	501	8.250	9.440	-12.6													
99955	503	8.250	9.440	-12.6													
99963	501	0.920	1.070	-14.0													
99963	503	0.920	1.070	-14.0													
99969	501	4.500	5.360	-16.0													
99969	503	4.500	5.360	-16.0													
99975	501	7.320	8.380	-12.6													
99975	503	7.320	8.380	-12.6													
99988	501	3.980	4.740	-16.0													
99988	503	3.980	4.740	-16.0													

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LOSS COST PERCENT CHANGE BY CLASS

Class	Proposed Loss	Present Cost	Percent Change	Capping Flag	Class	Proposed Loss	Present Cost	Percent Change	Capping Flag	Class	Proposed Loss	Present Cost	Percent Change	Capping Flag
10010	0.167	0.189	-11.6		11259	0.110	0.088	+25.0	U	13759	0.140	0.152	-7.9	
10026	0.026	0.032	-18.8		11288	0.073	0.086	-15.1		13930	0.147	0.174	-15.5	
10040	0.320	0.320	0.0		12014	0.051	0.049	+4.1		14068	0.010	0.012	-16.7	
10042	0.420	0.340	+23.5	U	12356	0.038	0.039	-2.6		14101	0.060	0.080	-25.0	L
10060	0.079	0.096	-17.7		12361	0.066	0.070	-5.7		14279	0.088	0.091	-3.3	
10065	0.057	0.046	+23.9	U	12373	0.022	0.023	-4.4		14401	0.095	0.110	-13.6	
10066	0.089	0.112	-20.5		12374	0.061	0.053	+15.1		14527	0.169	0.179	-5.6	
10070	0.134	0.151	-11.3		12375	0.040	0.032	+25.0	U	14855	0.110	0.133	-17.3	
10071	0.134	0.150	-10.7		12391	0.059	0.070	-15.7		14913	0.180	0.203	-11.3	
10073	0.610	0.700	-12.9		12509	0.026	0.031	-16.1		15223	0.039	0.044	-11.4	
10075	0.216	0.195	+10.8		12510	0.031	0.036	-13.9		15224	0.063	0.056	+12.5	
10100	0.054	0.072	-25.0	L	12651	0.450	0.510	-11.8		15406	0.056	0.053	+5.7	
10101	0.160	0.177	-9.6		12707	0.480	0.560	-14.3		15538	0.020	0.023	-13.0	
10107	0.310	0.390	-20.5		12797	0.177	0.194	-8.8		15600	0.126	0.167	-24.6	L
10111	0.059	0.067	-11.9		12805	0.206	0.172	+19.8		15608	0.013	0.016	-18.8	
10115	0.099	0.122	-18.9		13049	0.044	0.051	-13.7		15733	0.030	0.034	-11.8	
10140	0.020	0.022	-9.1		13111	0.080	0.092	-13.0		15839	0.037	0.048	-22.9	L
10141	0.021	0.023	-8.7		13112	0.054	0.063	-14.3		15991	0.091	0.092	-1.1	
10145	0.010	0.008	+25.0	U	13201	0.123	0.144	-14.6		15993	0.065	0.086	-24.4	L
10146	0.016	0.013	+23.1	U	13204	0.860	1.140	-24.6		16005	0.030	0.031	-3.2	
10255	0.140	0.151	-7.3		13205	0.340	0.420	-19.1		16009	0.111	0.106	+4.7	
10256	0.198	0.183	+8.2		13314	0.012	0.014	-14.3		16403	0.198	0.217	-8.8	
10257	0.146	0.148	-1.4		13351	0.070	0.073	-4.1		16527	0.270	0.320	-15.6	
10309	0.023	0.030	-23.3	L	13352	0.050	0.049	+2.0		16604	0.100	0.122	-18.0	
10352	0.055	0.048	+14.6		13410	1.660	2.350	-29.4		16676	0.019	0.024	-20.8	
11020	0.248	0.205	+21.0		13412	1.190	1.210	-1.7		16705	0.113	0.131	-13.7	
11039	0.065	0.067	-3.0		13506	0.090	0.120	-25.0	L	16750	0.035	0.034	+2.9	
11126	0.023	0.024	-4.2		13507	0.197	0.181	+8.8		16900	0.076	0.069	+10.1	
11127	0.011	0.013	-15.4		13590	0.610	0.670	-9.0		16901	0.100	0.080	+25.0	U
11128	0.090	0.119	-24.4		13621	0.340	0.330	+3.0		16902	0.055	0.044	+25.0	U
11203	0.380	0.460	-17.4		13670	0.018	0.017	+5.9		16905	0.066	0.069	-4.3	
11204	1.890	2.510	-24.7	L	13673	0.019	0.024	-20.8	L	16906	0.094	0.080	+17.5	
11234	0.074	0.073	+1.4		13715	0.111	0.145	-23.5		16910	0.049	0.061	-19.7	
11248	0.013	0.016	-18.8		13716	0.132	0.109	+21.1		16911	0.047	0.049	-4.1	
11258	0.185	0.194	-4.6		13720	0.054	0.052	+3.8		16915	0.046	0.044	+4.5	

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LOSS COST PERCENT CHANGE BY CLASS

Class	Proposed Loss	Present Cost	Percent Change	Capping Flag	Class	Proposed Loss	Present Cost	Percent Change	Capping Flag	Class	Proposed Loss	Present Cost	Percent Change	Capping Flag
16916	0.055	0.053	+3.8		51116	0.640	0.690	-7.3		51666	0.085	0.089	-4.5	
16920	0.106	0.104	+1.9		51205	0.046	0.059	-22.0		51734	0.430	0.350	+22.9	U
16921	0.042	0.037	+13.5		51206	0.370	0.320	+15.6		51741	0.260	0.243	+7.0	
16930	0.132	0.152	-13.2		51220	1.480	1.900	-22.1		51752	0.141	0.150	-6.0	
16931	0.056	0.065	-13.8		51221	1.470	1.760	-16.5		51767	0.007	0.007	0.0	
16940	0.042	0.037	+13.5		51222	4.760	4.530	+5.1		51777	0.058	0.077	-24.7	
16941	0.075	0.063	+19.0		51224	1.170	1.490	-21.5		51808	0.530	0.680	-22.1	
18078	0.181	0.238	-23.9		51230	0.640	0.740	-13.5		51809	0.173	0.146	+18.5	
18109	0.038	0.047	-19.1		51240	0.215	0.196	+9.7		51833	0.051	0.054	-5.6	
18110	0.040	0.047	-14.9		51241	0.240	0.218	+10.1		51869	0.138	0.136	+1.5	
18205	0.390	0.380	+2.6		51252	0.061	0.074	-17.6		51877	0.156	0.191	-18.3	
18206	0.138	0.127	+8.7		51254	0.025	0.032	-21.9		51889	0.010	0.011	-9.1	
18335	0.020	0.021	-4.8		51300	0.127	0.147	-13.6		51896	0.017	0.017	0.0	
18435	0.060	0.063	-4.8		51305	0.760	0.880	-13.6		51900	0.098	0.100	-2.0	
18436	0.129	0.115	+12.2		51315	0.080	0.096	-16.7		51909	0.048	0.053	-9.4	
18501	0.014	0.018	-22.2	L	51330	0.820	0.660	+24.2	U	51926	0.041	0.044	-6.8	
18506	0.008	0.010	-20.0		51333	0.280	0.320	-12.5		51927	0.100	0.132	-24.2	
18507	0.011	0.014	-21.4	L	51350	0.115	0.127	-9.5		51934	0.082	0.107	-23.4	
18616	0.490	0.590	-17.0		51351	0.045	0.049	-8.2		51941	0.034	0.041	-17.1	
18707	0.006	0.005	+20.0	U	51352	0.090	0.101	-10.9		51956	0.140	0.205	-31.7	L
18708	0.028	0.031	-9.7		51355	0.082	0.091	-9.9		51957	0.370	0.460	-19.6	
18834	0.142	0.166	-14.5		51356	0.470	0.560	-16.1		51958	0.310	0.370	-16.2	
18911	0.023	0.029	-20.7		51357	0.950	0.760	+25.0	U	51960	0.300	0.330	-9.1	
18912	0.038	0.043	-11.6		51358	0.111	0.129	-14.0		51970	0.138	0.177	-22.0	
18920	0.024	0.027	-11.1		51359	0.620	0.710	-12.7		51982	0.068	0.077	-11.7	
45771	0.131	0.139	-5.8		51370	2.690	3.830	-29.8		51986	0.082	0.096	-14.6	
45819	0.085	0.068	+25.0	U	51380	0.039	0.041	-4.9		51999	0.320	0.400	-20.0	
45900	0.032	0.026	+23.1	U	51500	0.145	0.116	+25.0	U	52002	0.104	0.114	-8.8	
45901	0.039	0.045	-13.3		51550	0.420	0.400	+5.0		52075	0.197	0.222	-11.3	
49239	0.360	0.460	-21.7		51551	0.830	0.890	-6.7		52134	0.560	0.600	-6.7	
49617	0.159	0.212	-25.0	L	51552	0.137	0.152	-9.9		52315	0.270	0.270	0.0	
49618	0.066	0.072	-8.3		51575	0.023	0.021	+9.5		52433	0.650	0.800	-18.8	
49619	0.153	0.160	-4.4		51576	0.101	0.097	+4.1		52469	0.085	0.096	-11.5	
50010	0.330	0.380	-13.2		51600	0.194	0.172	+12.8		52505	0.195	0.237	-17.7	
51001	0.380	0.420	-9.5		51613	0.141	0.139	+1.4		52547	0.058	0.070	-17.1	

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52581	1.800	2.190	-17.8		56391	0.250	0.300	-16.7		58397	0.450	0.650	-30.8	L
52744	0.052	0.066	-21.2		56427	0.107	0.119	-10.1		58503	0.080	0.077	+3.9	
52911	0.420	0.420	0.0		56488	0.042	0.038	+10.5		58575	0.098	0.111	-11.7	
52967	0.052	0.058	-10.3		56690	0.310	0.330	-6.1		58627	0.011	0.012	-8.3	
53001	0.241	0.300	-19.7		56699	0.078	0.067	+16.4		58663	0.650	0.950	-31.6	L
53077	0.204	0.219	-6.9		56758	0.123	0.140	-12.1		58737	0.490	0.550	-10.9	
53121	0.460	0.400	+15.0		56759	0.070	0.078	-10.3		58802	0.390	0.480	-18.8	
53333	0.249	0.248	+0.4		56760	0.087	0.099	-12.1		58837	0.155	0.161	-3.7	
53374	0.191	0.260	-26.5		56912	0.089	0.084	+6.0		58840	0.110	0.121	-9.1	
53375	0.310	0.270	+14.8		56916	0.260	0.215	+20.9	U	58873	0.021	0.027	-22.2	
53376	0.159	0.183	-13.1		57001	0.023	0.023	0.0		58904	0.108	0.120	-10.0	
53377	0.172	0.188	-8.5		57002	0.080	0.096	-16.7		58922	0.189	0.179	+5.6	
53565	0.081	0.096	-15.6		57090	0.830	0.680	+22.1		59005	0.063	0.089	-29.2	
53631	0.019	0.021	-9.5		57146	0.640	0.750	-14.7		59188	0.047	0.052	-9.6	
53632	0.029	0.032	-9.4		57257	0.042	0.034	+23.5	U	59189	0.250	0.280	-10.7	
53732	0.450	0.470	-4.3		57401	0.079	0.089	-11.2		59223	0.128	0.103	+24.3	U
53733	0.177	0.228	-22.4		57403	0.030	0.033	-9.1		59257	0.011	0.012	-8.3	
53907	0.078	0.086	-9.3		57410	0.164	0.173	-5.2		59378	0.124	0.141	-12.1	
54077	0.360	0.390	-7.7		57572	0.094	0.099	-5.1		59481	0.096	0.096	0.0	
55010	0.760	0.980	-22.5		57600	0.030	0.033	-9.1		59537	0.219	0.232	-5.6	
55011	2.010	1.750	+14.9		57611	0.044	0.055	-20.0		59601	1.800	2.230	-19.3	
55012	0.920	1.110	-17.1		57651	0.037	0.039	-5.1		59647	0.141	0.158	-10.8	
55013	1.130	1.120	+0.9		57690	0.380	0.450	-15.6		59660	0.830	1.060	-21.7	
55214	0.075	0.083	-9.6		57716	0.080	0.074	+8.1		59701	0.380	0.330	+15.2	
55371	0.096	0.108	-11.1		57725	0.083	0.075	+10.7		59713	0.300	0.330	-9.1	
55597	1.450	1.680	-13.7		57726	0.025	0.023	+8.7		59722	0.023	0.028	-17.9	
55647	0.065	0.065	0.0		57810	0.090	0.100	-10.0		59723	0.030	0.034	-11.8	
55715	0.169	0.203	-16.8		57871	0.091	0.111	-18.0		59724	0.016	0.015	+6.7	
55716	0.410	0.490	-16.3		57913	0.206	0.260	-20.8		59725	0.126	0.145	-13.1	
55802	0.013	0.011	+18.2	U	57998	0.047	0.054	-13.0		59726	0.023	0.023	0.0	
55918	1.760	2.260	-22.1		57999	0.065	0.070	-7.1		59738	0.052	0.059	-11.9	
55919	2.950	3.420	-13.7		58095	1.220	1.790	-31.8	L	59750	0.141	0.181	-22.1	
56040	0.028	0.030	-6.7		58096	1.350	1.490	-9.4		59773	0.023	0.026	-11.5	
56202	0.063	0.078	-19.2		58301	0.086	0.077	+11.7		59774	0.127	0.141	-9.9	
56390	0.640	0.700	-8.6		58302	0.042	0.051	-17.7		59775	0.156	0.178	-12.4	

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59781	0.065	0.085	-23.5		91341	4.630	5.600	-17.3		96409	8.960	11.000	-18.5	
59782	0.620	0.560	+10.7		91342	4.280	4.240	+0.9		96410	9.800	12.100	-19.0	
59798	0.330	0.460	-28.3		91343	1.730	1.770	-2.3		96611	1.660	1.850	-10.3	
59886	0.087	0.100	-13.0		91436	2.500	2.930	-14.7		97221	1.310	1.450	-9.7	
59889	0.192	0.187	+2.7		91507	3.560	3.670	-3.0		97222	1.860	2.020	-7.9	
59904	0.088	0.076	+15.8		91551	0.820	0.820	0.0		97223	2.950	2.960	-0.3	
59905	0.112	0.120	-6.7		91555	1.160	1.140	+1.8		97447	6.060	7.470	-18.9	
59914	0.650	0.690	-5.8		91560	4.840	3.910	+23.8	U	97650	4.280	3.640	+17.6	
59915	0.530	0.660	-19.7		91577	3.740	3.880	-3.6		97651	5.170	5.150	+0.4	
59917	0.222	0.232	-4.3		91746	5.420	4.370	+24.0	U	97652	5.530	6.070	-8.9	
59923	0.006	0.005	+20.0	U	92053	0.760	0.670	+13.4		97653	3.560	3.680	-3.3	
59925	1.150	1.190	-3.4		92054	0.260	0.215	+20.9	U	97654	3.380	3.400	-0.6	
59926	0.460	0.460	0.0		92055	0.260	0.208	+25.0	U	97655	4.770	3.850	+23.9	U
59927	1.100	1.300	-15.4		92101	3.560	3.650	-2.5		98002	1.120	1.080	+3.7	
59931	0.370	0.480	-22.9		92102	3.920	4.330	-9.5		98152	0.690	0.920	-25.0	L
59932	0.690	0.800	-13.8		92215	3.560	4.200	-15.2		98157	0.360	0.450	-20.0	
59947	0.260	0.300	-13.3		92338	2.320	2.780	-16.5		98163	0.205	0.215	-4.7	
59955	0.114	0.132	-13.6		92446	2.140	1.900	+12.6		98164	0.070	0.070	0.0	
59963	0.320	0.370	-13.5		92447	1.770	1.930	-8.3		98303	6.740	6.580	+2.4	
59964	0.059	0.066	-10.6		92451	2.680	2.950	-9.2		98304	4.040	4.580	-11.8	
59970	0.147	0.169	-13.0		92478	1.960	2.240	-12.5		98305	2.020	1.980	+2.0	
59975	0.130	0.190	-31.6	L	94007	5.590	4.520	+23.7	U	98306	1.100	0.960	+14.6	
59984	0.041	0.049	-16.3		94276	4.990	4.470	+11.6		98307	0.600	0.480	+25.0	U
59988	0.050	0.055	-9.1		94381	11.100	12.800	-13.3		98308	1.120	1.360	-17.6	
59989	0.037	0.041	-9.8		94404	5.030	6.760	-25.6	L	98309	2.470	2.720	-9.2	
91111	6.600	7.240	-8.8		94569	4.630	5.530	-16.3		98344	0.850	0.720	+18.1	
91125	1.950	2.030	-3.9		95124	1.350	1.090	+23.9	U	98449	28.800	25.100	+14.7	
91127	1.230	1.230	0.0		95310	1.250	1.200	+4.2		98482	7.310	9.280	-21.2	
91150	6.060	5.930	+2.2		95410	3.200	3.380	-5.3		98483	17.900	23.200	-22.8	
91155	30.900	33.600	-8.0		95455	1.960	1.910	+2.6		98502	4.280	4.240	+0.9	
91235	2.410	2.980	-19.1		95505	2.500	2.800	-10.7		98636	4.100	3.830	+7.0	
91265	3.430	2.770	+23.8	U	95625	4.280	4.810	-11.0		98659	0.410	0.390	+5.1	
91266	1.180	1.580	-25.3	L	95647	6.250	5.040	+24.0	U	98677	11.800	12.700	-7.1	
91280	3.310	4.450	-25.6	L	96053	4.990	5.210	-4.2		98678	15.500	15.800	-1.9	
91340	8.890	7.170	+24.0	U	96408	12.600	13.900	-9.4		98805	1.550	1.590	-2.5	

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



LOSS COST PERCENT CHANGE BY CLASS

Class	Proposed Loss	Present Cost	Percent Change	Capping Flag	Class	Proposed Loss	Present Cost	Percent Change	Capping Flag	Class	Proposed Loss	Present Cost	Percent Change	Capping Flag
98806	4.100	3.950	+3.8											
98813	2.240	1.840	+21.7											
98820	4.100	4.130	-0.7											
98884	2.500	2.790	-10.4											
98914	0.560	0.530	+5.7											
98949	0.320	0.380	-15.8											
98967	11.400	11.900	-4.2											
98993	3.810	4.460	-14.6											
99003	1.370	1.620	-15.4											
99004	1.790	1.680	+6.5											
99080	8.380	8.540	-1.9											
99163	0.410	0.450	-8.9											
99315	2.350	3.150	-25.4	L										
99321	2.680	2.770	-3.2											
99613	2.680	2.920	-8.2											
99650	1.190	1.420	-16.2											
99746	3.740	3.930	-4.8											
99803	8.880	10.600	-16.2											
99826	0.780	0.660	+18.2											
99827	0.650	0.530	+22.6	U										
99946	2.500	2.300	+8.7											
99948	22.400	25.300	-11.5											
99952	17.800	23.700	-24.9											
99953	10.800	9.990	+8.1											
99954	10.200	8.310	+22.7	U										
99955	9.580	7.730	+23.9	U										
99969	2.660	3.570	-25.5	L										

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

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

(1) ACCIDENT YEAR ENDING	(2) AGGREGATE LOSS COSTS AT CURRENT LEVEL (A)	(3) \$100,000 BASIC LIMIT INCURRED LOSSES (B)	(4) YEAR WEIGHTS	(5) EXPERIENCE RATIO (3) / (2)	(6) NUMBER OF INCURRED OCCURRENCES
03/31/2018	\$19,219,360	\$15,346,119	0.25	0.798	434
03/31/2019	\$19,549,930	\$13,443,484	0.25	0.688	464
03/31/2020	\$19,716,552	\$14,277,201	0.25	0.724	406
03/31/2021	\$18,923,160	\$14,068,315	0.25	0.743	327

(7)	WEIGHTED EXPERIENCE RATIO .....	0.738
(8)	EXPECTED EXPERIENCE RATIO (SEE FOOTNOTE C) .....	1.005
(9)	CREDIBILITY BASED ON LATEST FOUR YEARS NUMBER OF INCURRED OCCURRENCES (SEE EXPLANATORY PAGE C-13 - CREDIBILITY STANDARDS)...	0.50
(10)	CREDIBILITY-WEIGHTED EXPERIENCE RATIO { (7) X (9) } + { (8) X { 1.0 - (9) } } .....	0.872
(11)	INDICATED MONOLINE-MULTILINE LOSS COST LEVEL CHANGE { (10) - 1 } X 100% .....	- 12.8%
(12)	INDICATED STATEWIDE MONOLINE CHANGE (SEE SECTION B - BASIC LIMIT RELATIVE CHANGE ANALYSIS) .....	- 13.3%
(13)	SELECTED STATEWIDE MONOLINE CHANGE .....	- 13.3%

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

(B) INCLUDING ALL LOSS ADJUSTMENT EXPENSES AND DEVELOPED TO AN ULTIMATE BASIS. IN ADDITION, ACCIDENT YEAR LOSSES HAVE BEEN TRENDED FROM THE AVERAGE DATE OF COVERAGE TO ONE YEAR BEYOND AN ASSUMED EFFECTIVE DATE OF 11/01/2022. FOR DETAILS, SEE SECTION C, EXHIBIT C1, PAGES 2 AND 3 - CALCULATION OF INCURRED LOSSES.

(C) THE EXPECTED EXPERIENCE RATIO IS THE NET TREND (1.005). THE NET TREND IS THE ANNUAL NET TREND FACTOR (1.005) TO AN EXPONENT (1.000), THE PERIOD FROM ONE YEAR BEYOND THE LAST REVIEW OR EFFECTIVE DATE (11/01/2022) TO ONE YEAR BEYOND THE ASSUMED EFFECTIVE DATE (11/01/2023).

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

(1) ACCIDENT YEAR ENDING	(2) AGGREGATE LOSS COSTS AT CURRENT LEVEL (A)	(3) \$100,000 BASIC LIMIT INCURRED LOSSES (B)	(4) YEAR WEIGHTS	(5) EXPERIENCE RATIO (3) / (2)	(6) NUMBER OF INCURRED OCCURRENCES
03/31/2018	\$19,508,093	\$17,425,369	0.25	0.893	653
03/31/2019	\$19,073,795	\$17,386,443	0.25	0.912	619
03/31/2020	\$18,900,411	\$16,259,925	0.25	0.860	507
03/31/2021	\$17,162,984	\$15,410,235	0.25	0.898	408

(7)	WEIGHTED EXPERIENCE RATIO .....	0.891
(8)	EXPECTED EXPERIENCE RATIO (SEE FOOTNOTE C) .....	1.040
(9)	CREDIBILITY BASED ON LATEST FOUR YEARS NUMBER OF INCURRED OCCURRENCES (SEE EXPLANATORY PAGE C-13 - CREDIBILITY STANDARDS)...	0.60
(10)	CREDIBILITY-WEIGHTED EXPERIENCE RATIO { (7) X (9) } + { (8) X { 1.0 - (9) } } .....	0.951
(11)	INDICATED MONOLINE-MULTILINE LOSS COST LEVEL CHANGE { (10) - 1 } X 100% .....	- 4.9%
(12)	INDICATED STATEWIDE MONOLINE CHANGE (SEE SECTION B - BASIC LIMIT RELATIVE CHANGE ANALYSIS) .....	+ 0.4%
(13)	SELECTED STATEWIDE MONOLINE CHANGE .....	+ 0.4%

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

(B) INCLUDING ALL LOSS ADJUSTMENT EXPENSES AND DEVELOPED TO AN ULTIMATE BASIS. IN ADDITION, ACCIDENT YEAR LOSSES HAVE BEEN TRENDED FROM THE AVERAGE DATE OF COVERAGE TO ONE YEAR BEYOND AN ASSUMED EFFECTIVE DATE OF 11/01/2022. FOR DETAILS, SEE SECTION C, EXHIBIT C1, PAGES 5 AND 6 - CALCULATION OF INCURRED LOSSES.

(C) THE EXPECTED EXPERIENCE RATIO IS THE NET TREND (1.040). THE NET TREND IS THE ANNUAL NET TREND FACTOR (1.040) TO AN EXPONENT (1.000), THE PERIOD FROM ONE YEAR BEYOND THE LAST REVIEW OR EFFECTIVE DATE (11/01/2022) TO ONE YEAR BEYOND THE ASSUMED EFFECTIVE DATE (11/01/2023).

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

(1)	(2)	(3)	(4)	(5)	(6)
ACCIDENT	MULTISTATE	MULTISTATE		EXPERIENCE	NUMBER OF
YEAR	AGGREGATE LOSS	\$100,000 BASIC		RATIO	INCURRED
ENDING	COSTS AT CURRENT	LIMIT INCURRED	YEAR		INCURRED
	LEVEL (A)	LOSSES (B)	WEIGHTS	(3) / (2)	OCCURRENCES
12/31/2017	\$121,492,155	\$125,424,587	0.25	1.032	2,209
12/31/2018	\$119,342,238	\$111,073,386	0.25	0.931	2,055
12/31/2019	\$121,915,968	\$103,364,419	0.25	0.848	1,877
12/31/2020	\$115,353,065	\$84,398,850	0.25	0.732	1,659
(7)	WEIGHTED EXPERIENCE RATIO .....				0.886
(8)	INDICATED MULTISTATE MONOLINE-MULTILINE LOSS COST LEVEL CHANGE				
	{ (7) - 1 } X 100%.....				- 11.4%
(9)	INDICATED MULTISTATE MONOLINE CHANGE				
	(SEE SECTION B - BASIC LIMIT RELATIVE CHANGE ANALYSIS).....				- 12.1%
(10)	INDICATED STATEWIDE MONOLINE CHANGE (C)				
	(SEE SECTION B - BASIC LIMIT RELATIVE CHANGE ANALYSIS).....				- 13.1%
(11)	SELECTED STATEWIDE MONOLINE CHANGE.....				- 13.1%
(A)	THESE ARE CALCULATED BY SUMMING OVER THE CLASSES THE PRODUCTS OF MULTISTATE REPORTED EXPOSURES, EXPOSURE TREND AND DEVELOPMENT, AND MULTISTATE \$100,000 BASIC LIMIT LOSS COSTS AT CURRENT ISO LEVEL. FOR DETAILS, SEE SECTION C, EXHIBIT C9 - CALCULATION OF AGGREGATE LOSS COSTS AT CURRENT LEVEL.				
(B)	INCLUDING ALL LOSS ADJUSTMENT EXPENSES AND DEVELOPED TO AN ULTIMATE BASIS. IN ADDITION, ACCIDENT YEAR LOSSES HAVE BEEN TRENDED FROM THE AVERAGE DATE OF COVERAGE TO ONE YEAR BEYOND AN ASSUMED EFFECTIVE DATE OF 07/01/2022.				
(C)	THE INDICATED STATEWIDE PRODUCTS CHANGE IS CALCULATED BY DETERMINING THE EFFECT, ON STATEWIDE LOSS COST LEVELS, OF IMPLEMENTING THE INDICATED MULTISTATE LOSS COSTS. THE DIFFERENCE BETWEEN THE INDICATED MULTISTATE CHANGE AND THE INDICATED STATEWIDE CHANGE IS A RESULT OF A DIFFERENCE IN THE DISTRIBUTION OF RISKS BY CLASS IN THIS JURISDICTION VERSUS THE MULTISTATE.(SEE SECTION A - PRODUCTS CLASS GROUP LOSS COST LEVEL CHANGE).				

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

(1)	(2)	(3)	(4)	(5)	(6)
ACCIDENT YEAR ENDING	MULTISTATE AGGREGATE LOSS COSTS AT CURRENT LEVEL (A)	MULTISTATE \$100,000 BASIC LIMIT INCURRED LOSSES (B)	YEAR WEIGHTS	EXPERIENCE RATIO (3) / (2)	NUMBER OF INCURRED OCCURRENCES
12/31/2017	\$401,819,368	\$367,138,410	0.25	0.914	6,453
12/31/2018	\$439,534,713	\$391,661,116	0.25	0.891	6,877
12/31/2019	\$442,021,669	\$393,462,239	0.25	0.890	6,731
12/31/2020	\$412,867,145	\$337,041,785	0.25	0.816	5,617
(7)	WEIGHTED EXPERIENCE RATIO .....				0.878
(8)	INDICATED MULTISTATE MONOLINE-MULTILINE LOSS COST LEVEL CHANGE { (7) - 1 } X 100%.....				- 12.2%
(9)	INDICATED MULTISTATE MONOLINE CHANGE (SEE SECTION B - BASIC LIMIT RELATIVE CHANGE ANALYSIS).....				- 9.6%
(10)	INDICATED STATEWIDE MONOLINE CHANGE (C) (SEE SECTION B - BASIC LIMIT RELATIVE CHANGE ANALYSIS).....				- 5.3%
(11)	SELECTED STATEWIDE MONOLINE CHANGE.....				- 5.3%
(A)	THESE ARE CALCULATED BY SUMMING OVER THE STATES THE PRODUCTS OF STATE- REPORTED EXPOSURES, EXPOSURE TREND AND DEVELOPMENT, AND STATE \$100,000 BASIC LIMIT LOSS COSTS AT CURRENT ISO LEVEL. FOR DETAILS, SEE SECTION C, EXHIBIT C16 - CALCULATION OF AGGREGATE LOSS COSTS AT CURRENT LEVEL.				
(B)	INCLUDING ALL LOSS ADJUSTMENT EXPENSE AND DEVELOPED TO AN ULTIMATE BASIS. IN ADDITION, ACCIDENT YEAR LOSSES HAVE BEEN TRENDED FROM THE AVERAGE DATE OF COVERAGE TO ONE YEAR BEYOND AN ASSUMED EFFECTIVE DATE OF 07/01/2022.				
(C)	THE INDICATED STATEWIDE MONOLINE CHANGE IS CALCULATED BASED ON THE INDICATED MULTISTATE MONOLINE CHANGE.				

ALABAMA  
MANUFACTURERS AND CONTRACTORS  
BASIC LIMIT RELATIVE CHANGE ANALYSIS

	(1)	(2)	(3)	(4)	STATEWIDE COVERAGE INDICATION OF - 12.8%
TOP	BAILEY FORMULA RELATIV.	CREDIBILITY Z	Z-WTD RELATIV.	BALANCED RELATIV.	
10	0.982	0.221	0.996	0.994	
33	1.512	0.034	1.014	1.012	
34	0.819	0.091	0.982	0.980	
35	1.428	0.047	1.017	1.015	
36	0.512	0.113	0.927	0.925	
37	0.991	0.071	0.999	0.997	
38	1.196	0.192	1.035	1.033	
CLASS GROUP					(5) INDICATED MONOLINE CHANGE
30	0.956	0.099	0.996	0.994	- 13.8%
31	1.076	0.173	1.013	1.011	- 12.3%
32	0.993	0.195	0.999	0.997	- 13.6%
33	0.716	0.082	0.973	0.971	- 15.8%
34	1.308	0.118	1.032	1.030	- 10.7%
35	0.359	0.017	0.983	0.981	- 14.9%
36	0.676	0.057	0.978	0.976	- 15.4%
37	0.785	0.052	0.988	0.986	- 14.5%
38	1.643	0.101	1.051	1.050	- 9.0%
OVERALL MONOLINE CHANGE *					- 13.3%

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

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

TYPE OF POLICY	CLASS GROUP	(1) FISCAL A.Y.E. 3/31/2021 AGGREGATE LOSS COSTS AT CURRENT LEVEL	(2) FISCAL A.Y.E. 2017 - 2021 AGGREGATE LOSS COSTS AT CURRENT LEVEL	(3) FIVE YEAR EXPERIENCE RATIO	(4) RELATIV.	(5) NUMBER OF OCCURRENCES	(6) BAL CELL RELATIV.
10 MONOLINE	30 SERVICE	\$420,917	\$2,189,460	0.915	1.212	45	0.988
	31 LIGHT CONTRACTING	\$603,687	\$3,120,028	1.020	1.351	288	1.005
	32 MEDIUM CONTRCTING	\$3,926,202	\$20,294,109	0.670	0.887	388	0.991
	33 HEAVY CONTRACTING	\$900,752	\$4,616,179	0.580	0.768	41	0.965
	34 DEALER OR DISTRIB	\$459,873	\$1,926,891	0.722	0.956	45	1.024
	35 LGT. MANUFACTURER	\$67,772	\$391,585	0.001	0.001	1	0.975
	36 MED. MANUFACTURER	\$632,047	\$2,562,604	0.441	0.584	17	0.970
	37 HVY. MANUFACTURER	\$436,289	\$1,740,553	0.488	0.646	9	0.980
	38 MISC. OPERATION	\$753,481	\$3,866,467	1.494	1.979	45	1.044
	TOTAL *	\$8,201,020	\$40,707,876	0.744		879	
33 MULT OFFICE	31 LIGHT CONTRACTING	\$5,128	\$39,125	0.238	0.315	2	1.023
	32 MEDIUM CONTRCTING	\$3,350	\$25,157	4.857	6.433	4	1.009
	33 HEAVY CONTRACTING	\$103,876	\$468,797	0.239	0.317	3	0.983
	38 MISC. OPERATION	\$113,371	\$594,613	2.340	3.099	12	1.063
	TOTAL *	\$225,726	\$1,127,692	1.363		21	
34 MULT MERCANTILE	30 SERVICE	\$102,799	\$465,624	0.113	0.150	0	0.974
	32 MEDIUM CONTRCTING	\$127,640	\$512,879	0.611	0.809	7	0.977
	34 DEALER OR DISTRIB	\$930,122	\$4,449,378	0.873	1.156	121	1.009
	36 MED. MANUFACTURER	\$698	\$4,687	0.000	0.000	0	0.956
	38 MISC. OPERATION	\$167,050	\$662,890	0.954	1.264	20	1.029
	TOTAL *	\$1,328,308	\$6,095,458	0.799		148	
35 MULT INSTITUT.	31 LIGHT CONTRACTING	\$17,971	\$79,373	2.313	3.064	6	1.026
	32 MEDIUM CONTRCTING	\$290,302	\$1,729,855	0.999	1.323	33	1.012
	TOTAL *	\$308,273	\$1,809,229	1.076		39	
36 MULT SERVICES	30 SERVICE	\$44,645	\$251,334	1.528	2.024	10	0.919
	31 LIGHT CONTRACTING	\$138,093	\$851,565	0.500	0.662	17	0.935
	32 MEDIUM CONTRCTING	\$205,159	\$1,160,279	0.467	0.619	13	0.922
	33 HEAVY CONTRACTING	\$40,390	\$165,621	0.013	0.017	1	0.898
	34 DEALER OR DISTRIB	\$398,899	\$2,326,683	0.660	0.874	84	0.953
	36 MED. MANUFACTURER	\$1,627	\$19,047	0.000	0.000	0	0.903
	38 MISC. OPERATION	\$526,423	\$2,236,547	0.385	0.510	103	0.971
	TOTAL *	\$1,355,238	\$7,011,075	0.516		228	

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

TYPE OF POLICY	CLASS GROUP	(1) FISCAL A.Y.E. 3/31/2021 AGGREGATE LOSS COSTS AT CURRENT LEVEL	(2) FISCAL A.Y.E. 2017 - 2021 AGGREGATE LOSS COSTS AT CURRENT LEVEL	(3) FIVE YEAR EXPERIENCE RATIO	(4) RELATIV.	(5) NUMBER OF OCCURRENCES	(6) BAL CELL RELATIV.
37 MULT INDUST/PROC.	31 LIGHT CONTRACTING	\$1,084	\$3,813	0.000	0.000	0	1.008
	32 MEDIUM CONTRCTING	\$125,392	\$520,847	0.151	0.200	4	0.994
	33 HEAVY CONTRACTING	\$71,000	\$416,418	0.835	1.106	3	0.968
	34 DEALER OR DISTRIB	\$8,462	\$13,235	0.000	0.000	0	1.027
	35 LGT. MANUFACTURER	\$112,021	\$653,749	0.429	0.568	4	0.978
	36 MED. MANUFACTURER	\$806,359	\$4,413,677	0.553	0.732	42	0.973
	37 HVY. MANUFACTURER	\$964,161	\$4,989,216	0.629	0.833	39	0.983
	38 MISC. OPERATION	\$28,693	\$125,567	0.000	0.000	0	1.047
	TOTAL *	\$2,117,173	\$11,136,523	0.557		92	
38 MULT CONTRACTORS	30 SERVICE	\$917,624	\$4,518,137	0.766	1.015	123	1.027
	31 LIGHT CONTRACTING	\$1,000,538	\$4,959,885	0.811	1.074	228	1.044
	32 MEDIUM CONTRCTING	\$2,163,550	\$11,475,625	1.048	1.388	233	1.030
	33 HEAVY CONTRACTING	\$1,229,563	\$6,254,318	0.651	0.862	74	1.003
	38 MISC. OPERATION	\$66,691	\$346,841	0.236	0.313	3	1.085
	TOTAL *	\$5,377,966	\$27,554,806	0.855		661	
TOTAL ALL	TOP 30 SERVICE	\$1,485,985	\$7,424,554	0.786		178	
	31 LIGHT CONTRACTING	\$1,766,501	\$9,053,790	0.871		541	
	32 MEDIUM CONTRCTING	\$6,841,595	\$35,718,751	0.789		682	
	33 HEAVY CONTRACTING	\$2,345,581	\$11,921,332	0.600		122	
	34 DEALER OR DISTRIB	\$1,797,356	\$8,716,187	0.783		250	
	35 LGT. MANUFACTURER	\$179,793	\$1,045,335	0.268		5	
	36 MED. MANUFACTURER	\$1,440,731	\$7,000,016	0.503		59	
	37 HVY. MANUFACTURER	\$1,400,451	\$6,729,770	0.585		48	
	38 MISC. OPERATION	\$1,655,710	\$7,832,926	1.068		183	
	TOTAL *	\$18,913,703	\$95,442,659	0.755		2,068	

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



ALABAMA  
OWNERS, LANDLORDS AND TENANTS  
BASIC LIMIT RELATIVE CHANGE ANALYSIS

	(1)	(2)	(3)	(4)	STATEWIDE COVERAGE INDICATION OF - 4.9%
TOP	BAILEY FORMULA RELATIV.	CREDIBILITY Z	Z-WTD RELATIV.	BALANCED RELATIV.	
10	1.292	0.240	1.063	1.060	
31	0.815	0.115	0.977	0.974	
32	0.840	0.088	0.985	0.982	
33	0.906	0.117	0.989	0.985	
34	0.831	0.193	0.965	0.962	
35	1.272	0.116	1.028	1.025	
36	0.898	0.099	0.989	0.986	
CLASS GROUP					(5) INDICATED MONOLINE CHANGE
01	0.971	0.145	0.996	0.997	- 0.4%
02	0.845	0.147	0.976	0.977	- 2.2%
03	0.872	0.096	0.987	0.988	- 0.7%
04	0.226	0.020	0.971	0.972	- 2.6%
05	0.336	0.039	0.959	0.960	- 3.7%
06	0.513	0.049	0.968	0.969	- 2.2%
07	1.180	0.104	1.017	1.019	+ 2.2%
08	0.996	0.027	1.000	1.001	+ 0.2%
09	1.143	0.143	1.019	1.020	+ 2.1%
10	0.582	0.117	0.939	0.940	- 5.6%
11	1.587	0.112	1.053	1.054	+ 5.8%
12	1.086	0.190	1.016	1.017	+ 2.6%
13	0.704	0.043	0.985	0.986	- 0.4%
16	0.243	0.029	0.960	0.961	- 4.2%

OVERALL MONOLINE CHANGE \*      + 0.4%

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

ALABAMA  
OWNERS, LANDLORDS AND TENANTS  
BASIC LIMIT RELATIVE CHANGE ANALYSIS

	(1) BAILEY FORMULA RELATIV.	(2) CREDIBILITY Z	(3) Z-WTD RELATIV.	(4) BALANCED RELATIV.	(5) INDICATED MONOLINE CHANGE
TERRITORY					
501	1.223	0.156	1.032	1.037	+ 4.6%
503	0.955	0.359	0.984	0.988	- 0.4%

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

TERRITORY	ALL	(1) FISCAL A.Y.E. 3/31/2021 AGGREGATE LOSS COSTS AT CURRENT LEVEL	(2) FISCAL A.Y.E. 2017 - 2021 AGGREGATE LOSS COSTS AT CURRENT LEVEL	(3) FIVE YEAR EXPERIENCE RATIO	(4) RELATIV.	(5) NUMBER OF OCCURRENCES	(6) BAL CELL RELATIV.
TYPE OF POLICY	CLASS GROUP						
10 MONOLINE	01 FOOD&BEV. (RETAIL)	\$514,944	\$3,918,151	0.992		213	
	02 RESTAURANTS	\$596,997	\$3,654,493	0.683		135	
	03 STORES	\$277,732	\$1,491,376	1.015		75	
	04 VENDING & RENTAL	\$11,524	\$66,845	0.541		2	
	05 FOOD & BEV. DIST.	\$120,701	\$693,422	0.291		8	
	06 NON-FOOD&BEV.DIST	\$98,001	\$596,735	0.891		11	
	07 CLUBS,AMSMT&SPRTS	\$487,063	\$1,723,260	1.729		99	
	08 HEALTH CARE FACIL	\$35,814	\$207,898	2.062		2	
	09 HOTELS AND MOTELS	\$428,567	\$2,286,338	1.320		122	
	10 SCHLS & CHURCHES	\$520,628	\$2,839,298	0.890		45	
	11 APARTMENTS	\$674,452	\$3,613,738	1.894		101	
	12 BUILDINGS&OFFICES	\$1,259,718	\$7,489,781	1.211		209	
	13 MISC. PREMISES	\$37,771	\$637,779	0.722		19	
	16 GOVT SUBDIVISIONS	\$80,769	\$214,693	0.009		0	
	TOTAL *	\$5,144,683	\$29,433,809	1.187		1,041	
31 MULT MOTEL/HOTEL	09 HOTELS AND MOTELS	\$841,952	\$5,913,845	0.829		240	
	TOTAL *	\$841,952	\$5,913,845	0.829		240	
32 MULT APARTMENT	11 APARTMENTS	\$1,016,112	\$4,442,397	1.194		125	
	12 BUILDINGS&OFFICES	95,656	469,065	1.054		13	
	TOTAL *	\$1,111,768	\$4,911,462	1.182		138	
33 MULT OFFICE	12 BUILDINGS&OFFICES	\$2,045,480	\$10,158,337	0.933		246	
	13 MISC. PREMISES	12,575	53,677	0.000		0	
	TOTAL *	\$2,058,056	\$10,212,014	0.927		246	
34 MULT MERCANTILE	01 FOOD&BEV. (RETAIL)	\$790,830	\$4,958,821	0.793		164	
	02 RESTAURANTS	\$1,486,240	\$8,099,463	0.753		255	
	03 STORES	\$1,000,597	\$5,172,093	0.575		79	
	04 VENDING & RENTAL	\$2,699	\$15,180	0.212		1	
	05 FOOD & BEV. DIST.	\$149,201	\$895,357	0.335		19	
	06 NON-FOOD&BEV.DIST	\$645,003	\$3,239,862	0.360		32	
	12 BUILDINGS&OFFICES	\$896,071	\$5,295,726	0.698		123	
	TOTAL *	\$4,970,641	\$27,676,503	0.650		673	
35 MULT INSTITUT.	07 CLUBS,AMSMT&SPRTS	\$79,221	\$274,387	2.819		9	
	08 HEALTH CARE FACIL	\$140,141	\$842,247	0.902		11	
	10 SCHLS & CHURCHES	\$1,410,805	\$7,975,909	0.602		201	
	12 BUILDINGS&OFFICES	\$4,220	\$32,896	2.392		6	
	13 MISC. PREMISES	\$17	\$1,866	0.000		0	
	16 GOVT SUBDIVISIONS	\$100,969	\$306,756	0.481		15	
	TOTAL *	\$1,735,374	\$9,434,060	0.725		242	

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

TERRITORY	ALL		(1) FISCAL A.Y.E. 3/31/2021 AGGREGATE LOSS COSTS AT CURRENT LEVEL	(2) FISCAL A.Y.E. 2017 - 2021 AGGREGATE LOSS COSTS AT CURRENT LEVEL	(3) FIVE YEAR EXPERIENCE RATIO	(4) RELATIV.	(5) NUMBER OF OCCURRENCES	(6) BAL CELL RELATIV.
TYPE OF POLICY	CLASS GROUP							
36 MULT SERVICES	03 STORES		\$55,378	\$270,171	2.378		12	
	04 VENDING & RENTAL		\$46,820	\$177,089	0.112		4	
	07 CLUBS, AMSMT & SPRTS		\$823,309	\$4,249,026	0.613		85	
	08 HEALTH CARE FACIL		\$396	\$2,653	0.000		0	
	09 HOTELS AND MOTELS		\$35,724	\$164,661	1.034		4	
	10 SCHLS & CHURCHES		\$3,420	\$64,827	0.000		0	
	12 BUILDINGS & OFFICES		\$263,659	\$1,257,983	1.707		56	
	13 MISC. PREMISES		\$68,371	\$437,888	0.781		15	
	TOTAL *		\$1,297,079	\$6,624,297	0.912		176	
TOTAL ALL	TOP	01 FOOD & BEV. (RETAIL)	\$1,305,774	\$8,876,972	0.872		377	
		02 RESTAURANTS	\$2,083,236	\$11,753,956	0.733		390	
		03 STORES	\$1,333,707	\$6,933,640	0.742		166	
		04 VENDING & RENTAL	\$61,044	\$259,114	0.197		7	
		05 FOOD & BEV. DIST.	\$269,902	\$1,588,779	0.315		27	
		06 NON-FOOD & BEV. DIST	\$743,004	\$3,836,597	0.430		43	
		07 CLUBS, AMSMT & SPRTS	\$1,389,593	\$6,246,673	1.130		193	
		08 HEALTH CARE FACIL	\$176,352	\$1,052,798	1.136		13	
		09 HOTELS AND MOTELS	\$1,306,244	\$8,364,845	0.996		366	
		10 SCHLS & CHURCHES	\$1,934,854	\$10,880,034	0.678		246	
		11 APARTMENTS	\$1,690,564	\$8,056,135	1.473		226	
		12 BUILDINGS & OFFICES	\$4,564,805	\$24,703,789	1.012		653	
		13 MISC. PREMISES	\$118,734	\$1,131,210	0.679		34	
		16 GOVT SUBDIVISIONS	\$181,738	\$521,449	0.271		15	
		TOTAL *	\$17,159,552	\$94,205,991	0.915		2,756	

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

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

TERRITORY	501	(1) FISCAL A.Y.E. 3/31/2021 AGGREGATE LOSS COSTS AT CURRENT LEVEL	(2) FISCAL A.Y.E. 2017 - 2021 AGGREGATE LOSS COSTS AT CURRENT LEVEL	(3) FIVE YEAR EXPERIENCE RATIO	(4) RELATIV.	(5) NUMBER OF OCCURRENCES	(6) BAL CELL RELATIV.
TYPE OF POLICY	CLASS GROUP						
10 MONOLINE	01 FOOD&BEV. (RETAIL)	\$16,261	\$125,254	0.756	0.826	4	1.095
	02 RESTAURANTS	\$49,331	\$254,823	1.228	1.342	25	1.073
	03 STORES	\$31,832	\$154,073	1.042	1.139	7	1.086
	04 VENDING & RENTAL	\$64	\$1,378	0.000	0.000	0	1.068
	05 FOOD & BEV. DIST.	\$11,470	\$108,474	0.386	0.421	3	1.055
	06 NON-FOOD&BEV.DIST	\$17,219	\$89,759	3.023	3.303	5	1.065
	07 CLUBS, AMSMT&SPRTS	\$21,842	\$127,528	7.023	7.676	22	1.120
	08 HEALTH CARE FACIL	\$1,979	\$9,948	0.000	0.000	0	1.100
	09 HOTELS AND MOTELS	\$48,557	\$200,817	1.911	2.089	18	1.121
	10 SCHLS & CHURCHES	\$49,218	\$300,742	1.296	1.416	5	1.033
	11 APARTMENTS	\$97,961	\$938,775	2.543	2.780	26	1.158
	12 BUILDINGS&OFFICES	\$251,988	\$1,441,523	1.883	2.058	38	1.117
	13 MISC. PREMISES	\$9,331	\$328,825	0.692	0.756	4	1.083
	TOTAL *	\$607,053	\$4,081,919	1.981		157	
31 MULT MOTEL/HOTEL	09 HOTELS AND MOTELS	\$55,626	\$389,541	1.438	1.571	25	1.030
	TOTAL *	\$55,626	\$389,541	1.438		25	
32 MULT APARTMENT	11 APARTMENTS	\$147,132	\$555,977	2.861	3.126	22	1.073
	12 BUILDINGS&OFFICES	\$23,897	\$104,868	1.444	1.578	4	1.035
	TOTAL *	\$171,028	\$660,844	2.663		26	
33 MULT OFFICE	12 BUILDINGS&OFFICES	\$585,220	\$3,069,551	0.440	0.481	54	1.038
	13 MISC. PREMISES	\$2,916	\$13,688	0.000	0.000	0	1.007
	TOTAL *	\$588,136	\$3,083,239	0.438		54	
34 MULT MERCANTILE	01 FOOD&BEV. (RETAIL)	\$55,738	\$369,912	0.337	0.369	12	0.994
	02 RESTAURANTS	\$186,638	\$1,139,639	0.699	0.764	40	0.974
	03 STORES	\$187,695	\$1,150,474	0.580	0.634	17	0.985
	04 VENDING & RENTAL	\$1,175	\$4,312	0.488	0.534	1	0.969
	05 FOOD & BEV. DIST.	\$26,771	\$167,340	0.088	0.096	3	0.957
	06 NON-FOOD&BEV.DIST	\$186,380	\$832,444	0.373	0.408	7	0.966
	12 BUILDINGS&OFFICES	\$205,133	\$1,019,863	0.202	0.221	8	1.014
	TOTAL *	\$849,531	\$4,683,984	0.438		88	
35 MULT INSTITUT.	08 HEALTH CARE FACIL	\$13,842	\$84,378	0.000	0.000	0	1.064
	10 SCHLS & CHURCHES	\$265,182	\$1,351,510	0.527	0.576	28	0.999
	13 MISC. PREMISES	\$17	\$541	0.000	0.000	0	1.048
	TOTAL *	\$279,041	\$1,436,429	0.501		28	

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

TERRITORY	501		(1) FISCAL A.Y.E. 3/31/2021 AGGREGATE LOSS COSTS AT CURRENT LEVEL	(2) FISCAL A.Y.E. 2017 - 2021 AGGREGATE LOSS COSTS AT CURRENT LEVEL	(3) FIVE YEAR EXPERIENCE RATIO	(4) RELATIV.	(5) NUMBER OF OCCURRENCES	(6) BAL CELL RELATIV.
TYPE OF POLICY	CLASS GROUP							
36 MULT SERVICES	03 STORES		\$10,584	\$57,454	3.408	3.724	3	1.010
	04 VENDING & RENTAL		\$5,664	\$15,995	0.000	0.000	0	0.993
	07 CLUBS, AMSMT & SPRTS		\$183,337	\$854,832	1.564	1.709	33	1.041
	08 HEALTH CARE FACIL		\$54	\$1,395	0.000	0.000	0	1.023
	10 SCHLS & CHURCHES		\$311	\$512	0.000	0.000	0	0.961
	12 BUILDINGS & OFFICES		\$99,731	\$434,138	2.974	3.250	22	1.039
	13 MISC. PREMISES		\$21,148	\$150,018	0.000	0.000	0	1.008
	TOTAL *		\$320,830	\$1,514,344	1.931		58	
TOTAL ALL	TOP	01 FOOD & BEV. (RETAIL)	\$72,000	\$495,166	0.432		16	
		02 RESTAURANTS	\$235,970	\$1,394,462	0.810		65	
		03 STORES	\$230,111	\$1,362,000	0.774		27	
		04 VENDING & RENTAL	\$6,902	\$21,686	0.083		1	
		05 FOOD & BEV. DIST.	\$38,241	\$275,814	0.177		6	
		06 NON-FOOD & BEV. DIST	\$203,599	\$922,204	0.597		12	
		07 CLUBS, AMSMT & SPRTS	\$205,178	\$982,360	2.145		55	
		08 HEALTH CARE FACIL	\$15,875	\$95,721	0.000		0	
		09 HOTELS AND MOTELS	\$104,183	\$590,358	1.658		43	
		10 SCHLS & CHURCHES	\$314,711	\$1,652,764	0.647		33	
		11 APARTMENTS	\$245,092	\$1,494,751	2.734		48	
		12 BUILDINGS & OFFICES	\$1,165,969	\$6,069,943	0.947		126	
		13 MISC. PREMISES	\$33,411	\$493,072	0.193		4	
		TOTAL *	\$2,871,244	\$15,850,300	1.089		436	

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

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

TERRITORY	503	(1) FISCAL A.Y.E. 3/31/2021 AGGREGATE LOSS COSTS AT CURRENT LEVEL	(2) FISCAL A.Y.E. 2017 - 2021 AGGREGATE LOSS COSTS AT CURRENT LEVEL	(3) FIVE YEAR EXPERIENCE RATIO	(4) RELATIV.	(5) NUMBER OF OCCURRENCES	(6) BAL CELL RELATIV.
TYPE OF POLICY	CLASS GROUP						
10 MONOLINE	01 FOOD&BEV. (RETAIL)	\$498,682	\$3,792,896	1.000	1.092	209	1.044
	02 RESTAURANTS	\$547,665	\$3,399,669	0.634	0.693	110	1.023
	03 STORES	\$245,901	\$1,337,304	1.011	1.105	68	1.035
	04 VENDING & RENTAL	\$11,460	\$65,467	0.544	0.594	2	1.018
	05 FOOD & BEV. DIST.	\$109,231	\$584,948	0.281	0.308	5	1.006
	06 NON-FOOD&BEV.DIST	\$80,781	\$506,975	0.436	0.477	6	1.015
	07 CLUBS, AMSMT&SPRTS	\$465,222	\$1,595,733	1.481	1.618	77	1.067
	08 HEALTH CARE FACIL	\$33,836	\$197,951	2.182	2.385	2	1.049
	09 HOTELS AND MOTELS	\$380,011	\$2,085,522	1.245	1.360	104	1.068
	10 SCHLS & CHURCHES	\$471,410	\$2,538,556	0.848	0.926	40	0.985
	11 APARTMENTS	\$576,492	\$2,674,964	1.784	1.949	75	1.104
	12 BUILDINGS&OFFICES	\$1,007,730	\$6,048,258	1.042	1.139	171	1.065
	13 MISC. PREMISES	\$28,441	\$308,955	0.732	0.800	15	1.033
	16 GOVT SUBDIVISIONS	\$80,769	\$214,693	0.009	0.010	0	1.007
	TOTAL *	\$4,537,630	\$25,351,890	1.080		884	
31 MULT MOTEL/HOTEL	09 HOTELS AND MOTELS	\$786,327	\$5,524,304	0.786	0.859	215	0.982
	TOTAL *	\$786,327	\$5,524,304	0.786		215	
32 MULT APARTMENT	11 APARTMENTS	\$868,981	\$3,886,421	0.911	0.996	103	1.023
	12 BUILDINGS&OFFICES	\$71,759	\$364,197	0.925	1.010	9	0.987
	TOTAL *	\$940,740	\$4,250,618	0.912		112	
33 MULT OFFICE	12 BUILDINGS&OFFICES	\$1,460,260	\$7,088,786	1.130	1.235	192	0.990
	13 MISC. PREMISES	\$9,659	\$39,989	0.000	0.000	0	0.960
	TOTAL *	\$1,469,920	\$7,128,775	1.123		192	
34 MULT MERCANTILE	01 FOOD&BEV. (RETAIL)	\$735,091	\$4,588,909	0.828	0.905	152	0.948
	02 RESTAURANTS	\$1,299,601	\$6,959,824	0.761	0.832	215	0.929
	03 STORES	\$812,901	\$4,021,619	0.574	0.627	62	0.939
	04 VENDING & RENTAL	\$1,525	\$10,868	0.000	0.000	0	0.924
	05 FOOD & BEV. DIST.	\$122,430	\$728,017	0.389	0.425	16	0.913
	06 NON-FOOD&BEV.DIST	\$458,623	\$2,407,418	0.355	0.388	25	0.921
	12 BUILDINGS&OFFICES	\$690,938	\$4,275,863	0.845	0.924	115	0.967
	TOTAL *	\$4,121,109	\$22,992,519	0.694		585	
35 MULT INSTITUT.	07 CLUBS, AMSMT&SPRTS	\$79,221	\$274,387	2.819	3.081	9	1.032
	08 HEALTH CARE FACIL	\$126,299	\$757,869	1.001	1.094	11	1.014
	10 SCHLS & CHURCHES	\$1,145,624	\$6,624,399	0.619	0.676	173	0.952
	12 BUILDINGS&OFFICES	\$4,220	\$32,896	2.392	2.614	6	1.030
	13 MISC. PREMISES	\$0	\$1,325	0.000	0.000	0	0.999
	16 GOVT SUBDIVISIONS	\$100,969	\$306,756	0.481	0.526	15	0.973
	TOTAL *	\$1,456,333	\$7,997,632	0.767		214	

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

TERRITORY		503		(1)	(2)	(3)	(4)	(5)	(6)
				FISCAL A.Y.E. 3/31/2021	FISCAL A.Y.E. 2017				
				AGGREGATE LOSS COSTS AT CURRENT	- 2021 AGGREGATE LOSS COSTS AT	FIVE YEAR		NUMBER OF	BAL CELL
				LEVEL	CURRENT LEVEL	EXPERIENCE	RELATIV.	OCCURRENCES	RELATIV.
36 MULT SERVICES		03 STORES		\$44,794	\$212,718	2.135	2.333	9	0.963
		04 VENDING & RENTAL		\$41,157	\$161,093	0.127	0.139	4	0.947
		07 CLUBS, AMSMT & SPRTS		\$639,972	\$3,394,194	0.341	0.373	52	0.993
		08 HEALTH CARE FACIL		\$342	\$1,258	0.000	0.000	0	0.975
		09 HOTELS AND MOTELS		\$35,724	\$164,661	1.034	1.130	4	0.994
		10 SCHLS & CHURCHES		\$3,109	\$64,315	0.000	0.000	0	0.916
		12 BUILDINGS & OFFICES		\$163,929	\$823,845	0.936	1.023	34	0.991
		13 MISC. PREMISES		\$47,223	\$287,870	1.131	1.236	15	0.961
		TOTAL *		\$976,249	\$5,109,953	0.577		118	
TOTAL ALL	TOP	01 FOOD & BEV. (RETAIL)		\$1,233,774	\$8,381,806	0.897		361	
		02 RESTAURANTS		\$1,847,266	\$10,359,494	0.723		325	
		03 STORES		\$1,103,596	\$5,571,641	0.735		139	
		04 VENDING & RENTAL		\$54,141	\$237,428	0.212		6	
		05 FOOD & BEV. DIST.		\$231,661	\$1,312,965	0.338		21	
		06 NON-FOOD & BEV. DIST		\$539,405	\$2,914,393	0.367		31	
		07 CLUBS, AMSMT & SPRTS		\$1,184,415	\$5,264,313	0.954		138	
		08 HEALTH CARE FACIL		\$160,477	\$957,077	1.248		13	
		09 HOTELS AND MOTELS		\$1,202,061	\$7,774,487	0.938		323	
		10 SCHLS & CHURCHES		\$1,620,143	\$9,227,270	0.684		213	
		11 APARTMENTS		\$1,445,472	\$6,561,384	1.259		178	
		12 BUILDINGS & OFFICES		\$3,398,836	\$18,633,846	1.034		527	
		13 MISC. PREMISES		\$85,323	\$638,138	0.870		30	
		16 GOVT SUBDIVISIONS		\$181,738	\$521,449	0.271		15	
		TOTAL *		\$14,288,308	\$78,355,691	0.880		2,320	

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



ALABAMA  
PRODUCTS  
BASIC LIMIT RELATIVE CHANGE ANALYSIS

	(1)	(2)	(3)	(4)	MULTISTATE COVERAGE INDICATION OF - 11.4%		
TOP	BAILEY FORMULA RELATIV.	CREDIBILITY Z	Z-WTD RELATIV.	BALANCED RELATIV.			
10	0.976	0.341	0.992	0.992			
34	1.049	0.364	1.018	1.018			
36	0.983	0.179	0.997	0.997			
37	0.984	0.460	0.993	0.993			
CLASS GROUP					(5) INDICATED MULTISTATE MONOLINE CHANGE	(6) INDICATED STATEWIDE MONOLINE CHANGE #	(7) SELECTED STATEWIDE MONOLINE CHANGE
3	1.012	0.447	1.005	1.005	- 11.7%	- 13.4%	- 13.4%
4	0.996	0.398	0.998	0.998	- 12.3%	- 11.8%	- 11.8%
5	1.144	0.114	1.015	1.015	- 10.8%	- 4.1%	- 4.1%
6	0.999	0.309	1.000	1.000	- 12.1%	- 15.1%	- 15.1%
7	0.900	0.162	0.983	0.983	- 13.6%	- 12.2%	- 12.2%
OVERALL MONOLINE CHANGE *					- 12.1%	- 13.1%	- 13.1%

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

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

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

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

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

ALABAMA  
LOCAL PRODUCTS/COMPLETED OPERATIONS  
BASIC LIMIT RELATIVE CHANGE ANALYSIS

	(1)	(2)	(3)	(4)	MULTISTATE COVERAGE INDICATION OF - 12.2%		
TOP	BAILEY FORMULA RELATIV.	CREDIBILITY Z	Z-WTD RELATIV.	BALANCED RELATIV.			
10	1.037	0.789	1.029	1.029			
34	1.001	0.501	1.001	1.001			
36	0.990	0.561	0.995	0.995			
37	0.969	0.144	0.995	0.996			
38	0.980	0.980	0.980	0.980			
CLASS GROUP					(5) INDICATED MULTISTATE MONOLINE CHANGE	(6) INDICATED STATEWIDE MONOLINE CHANGE #	(7) SELECTED STATEWIDE MONOLINE CHANGE
1	1.041	0.497	1.020	1.020	- 6.4%	- 2.1%	+ 0.1%
2	0.974	0.546	0.986	0.985	- 10.1%	- 6.2%	- 5.0%
11	1.162	0.374	1.058	1.057	- 4.5%	+ 0.1%	- 0.5%
12	1.000	1.000	1.000	0.999	- 9.7%	- 5.3%	- 5.5%
13	0.872	0.263	0.964	0.964	- 12.9%	- 8.7%	- 7.5%
OVERALL MONOLINE CHANGE *					- 9.6%	- 5.3%	- 5.3%

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

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

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

STATE	(1) BAILEY FORMULA RELATIV.	(2) CREDIBILITY Z	(3) Z-WTD RELATIV.	(4) BALANCED RELATIV.	(5) INDICATED MONOLINE CHANGE**	(6) SELECTED MONOLINE CHANGE
	1.609	0.241	1.122	1.119		
	1.159	0.724	1.113	1.110		
	1.210	0.475	1.095	1.092		
	1.170	0.495	1.081	1.078		
	1.182	0.424	1.073	1.071		
	1.209	0.300	1.059	1.056		
ALABAMA	1.167	0.323	1.051	1.049	- 5.3%	- 5.3%
	1.173	0.264	1.043	1.040		
	1.192	0.226	1.041	1.038		
	1.105	0.352	1.036	1.033		
	1.180	0.208	1.035	1.032		
	1.131	0.230	1.029	1.026		
	1.254	0.110	1.025	1.023		
	1.139	0.176	1.023	1.021		
	1.132	0.104	1.013	1.010		
	1.043	0.204	1.009	1.006		
	1.053	0.136	1.007	1.005		
	1.006	0.138	1.001	0.998		
	1.001	0.573	1.001	0.998		
	1.003	0.253	1.001	0.998		
	1.000	0.640	1.000	0.998		
	0.999	0.475	0.999	0.997		
	0.993	0.361	0.998	0.995		
	0.993	0.416	0.997	0.994		
	0.980	0.218	0.996	0.993		
	0.985	0.333	0.995	0.992		
	0.981	0.327	0.994	0.991		
	0.950	0.165	0.992	0.989		
	0.657	0.027	0.989	0.986		
	0.929	0.268	0.981	0.978		
	0.956	0.446	0.980	0.978		
	0.916	0.255	0.978	0.975		
	0.836	0.161	0.972	0.969		
	0.920	0.381	0.969	0.966		
	0.907	0.347	0.967	0.964		
	0.768	0.153	0.960	0.958		
	0.881	0.320	0.960	0.958		
	0.894	0.382	0.958	0.956		
	0.773	0.168	0.958	0.955		
	0.835	0.250	0.956	0.954		
	0.906	0.499	0.952	0.949		
	0.905	0.507	0.951	0.948		
	0.815	0.246	0.951	0.948		
	0.808	0.245	0.949	0.947		
	0.728	0.166	0.949	0.946		
	0.857	0.366	0.945	0.943		
	0.861	0.388	0.943	0.941		
	0.743	0.202	0.942	0.939		
	0.835	0.433	0.925	0.923		
	0.124	0.038	0.923	0.921		
	0.735	0.321	0.906	0.904		
	0.740	0.371	0.894	0.892		

\* Sorted by balanced relative change.

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

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

TYPE OF POLICY	CLASS GROUP	(1) CALENDAR A.Y.E. 12/31/2020 AGGREGATE LOSS COSTS AT CURRENT LEVEL	(2) CALENDAR A.Y.E. 2016 - 2020 AGGREGATE LOSS COSTS AT CURRENT LEVEL	(3) FIVE YEAR EXPERIENCE RATIO	(4) RELATIV.	(5) NUMBER OF OCCURRENCES	(6) BAL CELL RELATIV.
10 MONOLINE	1 RET.STRS-FOOD/DRG	\$32,603	\$183,006	1.565	1.736	16	1.101
	2 RET.STRS-NTFD/DRG	\$35,077	\$189,756	0.176	0.196	6	1.064
	11 COMP. OPS. (LOW)	\$116,668	\$503,297	0.382	0.424	10	1.141
	12 COMP. OPS. (MED)	\$2,470,082	\$11,451,560	0.999	1.108	138	1.079
	13 COMP. OPS. (HGH)	\$105,793	\$784,809	1.356	1.504	9	1.041
	TOTAL *	\$2,760,223	\$13,112,428	0.983		179	
34 MULT MERCANTILE	1 RET.STRS-FOOD/DRG	\$117,437	\$694,942	0.720	0.799	50	1.070
	2 RET.STRS-NTFD/DRG	\$136,021	\$631,778	0.770	0.854	15	1.034
	12 COMP. OPS. (MED)	\$99,046	\$426,558	0.045	0.050	1	1.049
	TOTAL *	\$352,504	\$1,753,279	0.550		66	
36 MULT SERVICES	1 RET.STRS-FOOD/DRG	\$7,398	\$51,004	0.025	0.027	1	1.064
	2 RET.STRS-NTFD/DRG	\$246,299	\$1,341,742	0.975	1.082	52	1.028
	11 COMP. OPS. (LOW)	\$15,911	\$63,633	4.679	5.189	5	1.103
	12 COMP. OPS. (MED)	\$79,493	\$460,531	2.806	3.112	13	1.042
	13 COMP. OPS. (HGH)	\$30,679	\$120,684	3.619	4.014	1	1.006
	TOTAL *	\$379,781	\$2,037,594	1.709		72	
37 MULT INDUST/PROC.	1 RET.STRS-FOOD/DRG	\$5	\$15	0.000	0.000	0	1.065
	11 COMP. OPS. (LOW)	\$1,023	\$4,436	0.000	0.000	0	1.104
	12 COMP. OPS. (MED)	\$57,152	\$308,866	0.076	0.085	3	1.043
	TOTAL *	\$58,180	\$313,318	0.075		3	
38 MULT CONTRACTORS	11 COMP. OPS. (LOW)	\$186,526	\$864,866	0.505	0.560	9	1.087
	12 COMP. OPS. (MED)	\$4,272,131	\$19,228,766	1.074	1.192	223	1.027
	13 COMP. OPS. (HGH)	\$340,328	\$1,578,744	1.549	1.718	23	0.991
	TOTAL *	\$4,798,985	\$21,672,376	1.086		255	
TOTAL ALL	TOP						
	1 RET.STRS-FOOD/DRG	\$157,443	\$928,967	0.863		67	
	2 RET.STRS-NTFD/DRG	\$417,397	\$2,163,276	0.841		73	
	11 COMP. OPS. (LOW)	\$320,129	\$1,436,232	0.666		24	
	12 COMP. OPS. (MED)	\$6,977,903	\$31,876,282	1.045		378	
	13 COMP. OPS. (HGH)	\$476,800	\$2,484,237	1.640		33	
	TOTAL *	\$8,349,673	\$38,888,995	1.050		575	

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

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

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

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

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

		\$100,000								TRENDED \$100,000
TYPE OF POLICY	ACCIDENT	BASIC LIMIT	EXPOSURE		EXPOSURE		AVERAGE		BASIC LIMIT	
	YEAR	AGGREGATE LOSS COSTS	DEVELOPMENT		TREND #		IPMF *	=	AGGREGATE LOSS COSTS	
	ENDING	AT CURRENT LEVEL	X	FACTOR +@	X				AT CURRENT LEVEL	
MONOLINE	03/31/2018	\$7,016,769	1.000		1.173				\$8,230,670	
	03/31/2019	\$7,091,552	1.000		1.140				\$8,084,369	
	03/31/2020	\$7,414,105	1.000		1.111				\$8,237,071	
	03/31/2021	\$7,675,022	0.979		1.092				\$8,205,120	
MULTILINE	03/31/2018	\$11,001,198	1.000		1.171		0.853		\$10,988,690	
	03/31/2019	\$11,811,472	1.000		1.138		0.853		\$11,465,561	
	03/31/2020	\$12,074,005	1.000		1.112		0.855		\$11,479,481	
	03/31/2021	\$11,666,424	0.979		1.095		0.857		\$10,718,040	
TOTAL	03/31/2018								\$19,219,360	
	03/31/2019								\$19,549,930	
	03/31/2020								\$19,716,552	
	03/31/2021								\$18,923,160	

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

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

# AGGREGATE LOSS COSTS AT CURRENT LEVEL HAVE BEEN TRENDED FROM AN AVERAGE DATE OF COVERAGE TO ONE YEAR BEYOND AN ASSUMED EFFECTIVE DATE OF 11/01/2022 BY AN EXPONENTIAL PROJECTION OF THE AVERAGE ANNUAL EXPOSURE TREND FACTOR. THE DERIVATION OF THIS EXPOSURE TREND FACTOR IS SHOWN IN SECTION C, EXHIBIT C7 - AVERAGE ANNUAL EXPOSURE TRENDS.

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

ALABAMA  
MANUFACTURERS AND CONTRACTORS  
OCCURRENCE  
FULL COVERAGE  
CALCULATION OF INCURRED LOSSES

REPORT TYPE	LOSS DESCRIPTION	ACCIDENT YEAR ENDING	\$100,000 BASIC LIMIT LOSSES AND ALAE *	X	\$100,000	X	UNALLOCATED			SEVERITY TREND	X	FREQUENCY TREND	=	\$100,000
					BASIC LIMIT INDEMNITY DEVELOPMENT FACTOR #		LOSS ADJUSTMENT FACTOR	BASIC LIMIT DEVELOPED & TRENDED LOSSES AND ALAE						
BI	B/L INDEMNITY	03/31/2018	\$1,941,809		1.012		1.080		1.269		0.970		\$2,612,427	
		03/31/2019	\$1,775,201		1.109		1.080		1.221		0.975		\$2,531,180	
		03/31/2020	\$2,476,785		1.287		1.080		1.174		0.980		\$3,960,817	
		03/31/2021	\$884,571		2.079		1.080		1.129		0.985		\$2,208,722	
BI	ALAE	03/31/2018	\$1,758,415				1.080		1.269		0.970		\$2,337,644	
		03/31/2019	\$1,613,624				1.080		1.221		0.975		\$2,074,658	
		03/31/2020	\$1,904,526				1.080		1.174		0.980		\$2,366,490	
		03/31/2021	\$1,587,372				1.080		1.129		0.985		\$1,906,482	
PD	B/L INDEMNITY	03/31/2018	\$3,265,406		1.037		1.080		1.269		0.970		\$4,501,664	
		03/31/2019	\$3,208,516		1.064		1.080		1.221		0.975		\$4,389,245	
		03/31/2020	\$3,056,181		1.159		1.080		1.174		0.980		\$4,401,295	
		03/31/2021	\$2,948,356		1.327		1.080		1.129		0.985		\$4,698,993	
PD	ALAE	03/31/2018	\$1,182,115				1.080		1.269		0.970		\$1,571,509	
		03/31/2019	\$1,026,066				1.080		1.221		0.975		\$1,319,226	
		03/31/2020	\$1,897,852				1.080		1.174		0.980		\$2,358,198	
		03/31/2021	\$2,549,354				1.080		1.129		0.985		\$3,061,851	
MED PAY #	B/L INDEMNITY	03/31/2018	\$54,663				1.080		1.269		0.970		\$72,669	
		03/31/2019	\$34,463				1.080		1.221		0.975		\$44,310	
		03/31/2020	\$40,540				1.080		1.174		0.980		\$50,373	
		03/31/2021	\$46,738				1.080		1.129		0.985		\$56,134	
FRINGE	B/L INDEMNITY	03/31/2018	\$415,296		1.001		1.080		1.000		0.970		\$435,499	
		03/31/2019	\$59,462		1.074		1.080		1.000		0.975		\$67,247	
		03/31/2020	\$108,398		1.225		1.080		1.000		0.980		\$140,542	
		03/31/2021	\$134,900		1.576		1.080		1.000		0.985		\$226,166	
FRINGE	ALAE	03/31/2018	\$1,897,862				1.080		1.000		0.970		\$1,988,201	
		03/31/2019	\$102,112				1.080		1.000		0.975		\$107,524	
		03/31/2020	\$67,586				1.080		1.000		0.980		\$71,533	
		03/31/2021	\$326,343				1.080		1.000		0.985		\$347,164	
TOTAL FULL COVERAGE		03/31/2018											\$13,519,613	
		03/31/2019											\$10,533,390	
		03/31/2020											\$13,349,248	
		03/31/2021											\$12,505,512	

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

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



ALABAMA  
MANUFACTURERS AND CONTRACTORS  
OCCURRENCE  
DED COVERAGE  
CALCULATION OF INCURRED LOSSES

			\$100,000		\$100,000							\$100,000
		ACCIDENT	BASIC LIMIT		BASIC LIMIT	UNALLOCATED						BASIC LIMIT
	LOSS	YEAR	LOSSES		INDEMNITY	LOSS						DEVELOPED &
REPORT TYPE	DESCRIPTION	ENDING	AND ALAE *	X	DEVELOPMENT	ADJUSTMENT	X	SEVERITY	X	FREQUENCY	=	TRENDED LOSSES
					FACTOR #	FACTOR		TREND		TREND		AND ALAE
BI	B/L INDEMNITY	03/31/2018	\$396,847		1.025	1.080		1.269		0.970		\$540,759
		03/31/2019	\$550,811		1.166	1.080		1.221		0.975		\$825,744
		03/31/2020	\$119,808		1.597	1.080		1.174		0.980		\$237,744
		03/31/2021	\$304,402		2.708	1.080		1.129		0.985		\$990,034
BI	ALAE	03/31/2018	\$443,569			1.080		1.269		0.970		\$589,683
		03/31/2019	\$561,083			1.080		1.221		0.975		\$721,391
		03/31/2020	\$141,575			1.080		1.174		0.980		\$175,915
		03/31/2021	\$314,597			1.080		1.129		0.985		\$377,840
PD	B/L INDEMNITY	03/31/2018	\$457,336		1.041	1.080		1.269		0.970		\$632,912
		03/31/2019	\$591,702		1.053	1.080		1.221		0.975		\$801,079
		03/31/2020	\$298,325		1.095	1.080		1.174		0.980		\$405,902
		03/31/2021	\$86,137		1.253	1.080		1.129		0.985		\$129,627
PD	ALAE	03/31/2018	\$47,504			1.080		1.269		0.970		\$63,152
		03/31/2019	\$420,048			1.080		1.221		0.975		\$540,061
		03/31/2020	\$82,264			1.080		1.174		0.980		\$102,218
		03/31/2021	\$43,123			1.080		1.129		0.985		\$51,792
MED PAY #	B/L INDEMNITY	03/31/2018	\$0			1.080		1.269		0.970		\$0
		03/31/2019	\$16,970			1.080		1.221		0.975		\$21,819
		03/31/2020	\$4,968			1.080		1.174		0.980		\$6,173
		03/31/2021	\$11,249			1.080		1.129		0.985		\$13,510
TOTAL												
DED COVERAGE		03/31/2018										\$1,826,506
		03/31/2019										\$2,910,094
		03/31/2020										\$927,952
		03/31/2021										\$1,562,803
TOTAL												
OCCURRENCE		03/31/2018										\$15,346,119
		03/31/2019										\$13,443,484
		03/31/2020										\$14,277,201
		03/31/2021										\$14,068,315

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

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

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

		\$100,000							TRENDED \$100,000
	ACCIDENT	BASIC LIMIT		EXPOSURE		EXPOSURE		AVERAGE	BASIC LIMIT
TYPE OF	YEAR	AGGREGATE LOSS COSTS		DEVELOPMENT		TREND #		IPMF *	AGGREGATE LOSS COSTS
<u>POLICY</u>	<u>ENDING</u>	<u>AT CURRENT LEVEL</u>	X	<u>FACTOR +</u>	X		X		<u>AT CURRENT LEVEL</u>
MONOLINE	03/31/2018	\$6,036,812		1.000		1.051			\$6,344,689
	03/31/2019	\$5,663,113		1.000		1.042			\$5,900,964
	03/31/2020	\$5,442,303		1.000		1.031			\$5,611,014
	03/31/2021	\$5,005,303		1.002		1.026			\$5,145,712
MULTILINE	03/31/2018	\$13,976,115		1.000		1.050		0.897	\$13,163,404
	03/31/2019	\$14,107,042		1.000		1.041		0.897	\$13,172,831
	03/31/2020	\$14,355,990		1.000		1.032		0.897	\$13,289,397
	03/31/2021	\$13,071,644		1.002		1.024		0.896	\$12,017,272
TOTAL	03/31/2018								\$19,508,093
	03/31/2019								\$19,073,795
	03/31/2020								\$18,900,411
	03/31/2021								\$17,162,984

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

# AGGREGATE LOSS COSTS AT CURRENT LEVEL HAVE BEEN TRENDED FROM AN AVERAGE DATE OF COVERAGE TO ONE YEAR BEYOND AN ASSUMED EFFECTIVE DATE OF 11/01/2022 BY AN EXPONENTIAL PROJECTION OF THE AVERAGE ANNUAL EXPOSURE TREND FACTOR. THE DERIVATION OF THIS EXPOSURE TREND FACTOR IS SHOWN IN SECTION C, EXHIBIT C7 - AVERAGE ANNUAL EXPOSURE TRENDS.

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

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

REPORT TYPE	LOSS DESCRIPTION	ACCIDENT YEAR ENDING	\$100,000 BASIC LIMIT LOSSES AND ALAE *	X	\$100,000	X	UNALLOCATED LOSS ADJUSTMENT FACTOR	X	SEVERITY TREND	X	FREQUENCY TREND	=	\$100,000
					BASIC LIMIT								BASIC LIMIT
					INDEMNITY DEVELOPMENT FACTOR #								DEVELOPED & TRENDED LOSSES AND ALAE
BI	B/L INDEMNITY	03/31/2018	\$6,660,783		0.982		1.080		1.346		0.970		\$9,223,109
		03/31/2019	\$6,498,128		0.994		1.080		1.281		0.975		\$8,712,688
		03/31/2020	\$5,293,580		1.226		1.080		1.220		0.980		\$8,380,108
		03/31/2021	\$3,758,221		1.597		1.080		1.162		0.985		\$7,419,136
BI	ALAE	03/31/2018	\$2,157,653				1.080		1.346		0.970		\$3,042,440
		03/31/2019	\$3,616,194				1.080		1.281		0.975		\$4,877,859
		03/31/2020	\$3,188,370				1.080		1.220		0.980		\$4,116,976
		03/31/2021	\$2,752,785				1.080		1.162		0.985		\$3,402,816
PD	B/L INDEMNITY	03/31/2018	\$615,740		0.992		1.080		1.425		0.970		\$911,842
		03/31/2019	\$570,440		1.064		1.080		1.345		0.975		\$859,612
		03/31/2020	\$451,396		1.105		1.080		1.269		0.980		\$669,933
		03/31/2021	\$912,905		1.353		1.080		1.197		0.985		\$1,572,815
PD	ALAE	03/31/2018	\$320,840				1.080		1.425		0.970		\$478,960
		03/31/2019	\$214,816				1.080		1.345		0.975		\$304,240
		03/31/2020	\$207,067				1.080		1.269		0.980		\$278,113
		03/31/2021	\$481,727				1.080		1.197		0.985		\$613,417
MED PAY #	B/L INDEMNITY	03/31/2018	\$414,216				1.080		1.346		0.970		\$584,073
		03/31/2019	\$515,723				1.080		1.281		0.975		\$695,655
		03/31/2020	\$322,605				1.080		1.220		0.980		\$416,563
		03/31/2021	\$377,865				1.080		1.162		0.985		\$467,092
FRINGE	B/L INDEMNITY	03/31/2018	\$499,088		1.024		1.080		1.000		0.970		\$535,393
		03/31/2019	\$169,901		1.075		1.080		1.000		0.975		\$192,324
		03/31/2020	\$219,727		1.271		1.080		1.000		0.980		\$295,583
		03/31/2021	\$74,268		1.687		1.080		1.000		0.985		\$133,284
FRINGE	ALAE	03/31/2018	\$453,110				1.080		1.000		0.970		\$474,678
		03/31/2019	\$167,660				1.080		1.000		0.975		\$176,546
		03/31/2020	\$293,982				1.080		1.000		0.980		\$311,151
		03/31/2021	\$145,300				1.080		1.000		0.985		\$154,570
TOTAL													
FULL COVERAGE		03/31/2018											\$15,250,495
		03/31/2019											\$15,818,924
		03/31/2020											\$14,468,427
		03/31/2021											\$13,763,130

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

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

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

REPORT TYPE	LOSS DESCRIPTION	ACCIDENT YEAR ENDING	\$100,000 BASIC LIMIT LOSSES AND ALAE *	X	\$100,000 BASIC LIMIT INDEMNITY DEVELOPMENT FACTOR #	X	UNALLOCATED LOSS ADJUSTMENT FACTOR	X	SEVERITY TREND	X	FREQUENCY TREND	=	\$100,000 BASIC LIMIT DEVELOPED & TRENDED LOSSES AND ALAE
BI	B/L INDEMNITY	03/31/2018	\$629,922		1.001		1.080		1.346		0.970		\$889,122
		03/31/2019	\$655,124		1.068		1.080		1.281		0.975		\$943,783
		03/31/2020	\$597,609		1.274		1.080		1.220		0.980		\$983,097
		03/31/2021	\$427,495		1.879		1.080		1.162		0.985		\$992,942
BI	ALAE	03/31/2018	\$846,318				1.080		1.346		0.970		\$1,193,367
		03/31/2019	\$432,909				1.080		1.281		0.975		\$583,948
		03/31/2020	\$540,331				1.080		1.220		0.980		\$697,701
		03/31/2021	\$376,134				1.080		1.162		0.985		\$464,952
PD	B/L INDEMNITY	03/31/2018	\$31,828		1.080		1.080		1.425		0.970		\$51,315
		03/31/2019	\$11,181		1.108		1.080		1.345		0.975		\$17,546
		03/31/2020	\$34,581		1.217		1.080		1.269		0.980		\$56,525
		03/31/2021	\$70,227		1.442		1.080		1.197		0.985		\$128,951
PD	ALAE	03/31/2018	\$15,915				1.080		1.425		0.970		\$23,758
		03/31/2019	\$2,153				1.080		1.345		0.975		\$3,049
		03/31/2020	\$9,465				1.080		1.269		0.980		\$12,712
		03/31/2021	\$35,365				1.080		1.197		0.985		\$45,033
MED PAY #	B/L INDEMNITY	03/31/2018	\$12,278				1.080		1.346		0.970		\$17,313
		03/31/2019	\$14,229				1.080		1.281		0.975		\$19,193
		03/31/2020	\$32,111				1.080		1.220		0.980		\$41,463
		03/31/2021	\$12,319				1.080		1.162		0.985		\$15,228
	TOTAL DED COVERAGE	03/31/2018											\$2,174,875
		03/31/2019											\$1,567,519
		03/31/2020											\$1,791,498
		03/31/2021											\$1,647,106
	TOTAL OCCURRENCE	03/31/2018											\$17,425,369
		03/31/2019											\$17,386,443
		03/31/2020											\$16,259,925
		03/31/2021											\$15,410,235

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

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

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

Implicit Package Modification Factors (A) by Type of Policy

<u>Type of Policy (B)</u>	<u>Description</u>	<u>Implicit Package Modification Factors</u>
31	Not Applicable	--
32	Not Applicable	--
33	Office Policy	0.831
34	Mercantile Policy	1.115
35	Institutional Policy	0.858
36	Service Policy	0.863
37	Industrial / Processing Policy	0.980
38	Contractors Policy	0.774

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

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

Implicit Package Modification Factors (A) by Type of Policy

<u>Type of Policy (B)</u>	<u>Description</u>	<u>Implicit Package Modification Factors</u>
31	Motel / Hotel Policy	0.925
32	Apartment House Policy	1.000
33	Office Policy	0.834
34	Mercantile Policy	0.976
35	Institutional Policy	0.790
36	Service Policy	0.794
37	Not Applicable	--
38	Not Applicable	--

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

## ALABAMA

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

## CALCULATION OF EXPOSURE DEVELOPMENT FACTORS

(1) Evaluation Period	(2) Multistate Ratio (a)	(3) State Ratio (b)	(4) Credibility (c)	(5) Weighted Ratio (d)	(6) Credibility Constant (Ki)
15 to 27 Months	1.020	1.034	0.8096	1.031	25,000,000
27 to 39 Months	1.000	1.000	0.6380	1.000	60,000,000
Accident Year Ending	Exposure Development From				Factor @
	<u>27:15</u>	<u>39:27</u>	<u>ULT:39</u>		
12/31/2018			1.000		1.000
12/31/2019		1.000	1.000		1.000
12/31/2020	1.031	1.000	1.000		1.031

(a) See Section C - Multistate Premium Development.

(b) See Section C - Statewide Premium Development.

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

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

## ALABAMA

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

## CALCULATION OF EXPOSURE DEVELOPMENT FACTORS

(1) Evaluation Period	(2) Multistate Ratio (a)	(3) State Ratio (b)	(4) Credibility (c)	(5) Weighted Ratio (d)	(6) Credibility Constant (Ki)
15 to 27 Months	1.002	1.002	0.4811	1.002	90,000,000
27 to 39 Months	1.000	1.000	0.4079	1.000	120,000,000
Accident Year Ending	Exposure Development From <u>27:15</u>	<u>39:27</u>	<u>ULT:39</u>		<u>Factor</u>
12/31/2018			1.000		1.000
12/31/2019		1.000	1.000		1.000
12/31/2020	1.002	1.000	1.000		1.002

(a) See Section C - Multistate Premium Development.

(b) See Section C - Statewide Premium Development.

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



ALABAMA  
MANUFACTURERS AND CONTRACTORS

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

Accident Year Ending	15 Months	27 Months	39 Months	51 Months	63 Months	75 Months	87 Months	99 Months
12/31/2013	29,113,885	29,625,509	29,649,691	29,633,506	29,635,846	29,636,027	29,639,922	29,639,922
12/31/2014	30,731,137	31,452,141	31,468,850	31,455,721	31,451,038	31,477,250	31,477,250	
12/31/2015	31,892,771	33,168,912	33,239,294	33,219,629	33,213,558	33,213,558		
12/31/2016	32,353,513	33,502,614	33,461,861	33,437,868	33,435,506			
12/31/2017	34,456,404	35,710,348	35,658,013	35,652,062				
12/31/2018	35,626,426	36,544,549	36,568,783					
12/31/2019	36,185,876	37,275,547						
12/31/2020	37,661,230							

LINK RATIOS

Accident Year Ending	27:15	39:27	51:39	63:51	75:63	87:75	99:87
12/31/2013	1.018	1.001	0.999	1.000	1.000	1.000	1.000
12/31/2014	1.023	1.001	1.000	1.000	1.001	1.000	
12/31/2015	1.040	1.002	0.999	1.000	1.000		
12/31/2016	1.036	0.999	0.999	1.000			
12/31/2017	1.036	0.999	1.000				
12/31/2018	1.026	1.001					
12/31/2019	1.030						

Average Best 3 of 5  
27:15  
 1.034

39:27  
 1.000

ALABAMA  
OWNERS LANDLORDS AND TENANTS

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

Accident Year Ending	15 Months	27 Months	39 Months	51 Months	63 Months	75 Months	87 Months	99 Months
12/31/2013	23,792,392	23,898,902	23,919,957	23,909,930	23,909,952	23,909,901	23,908,055	23,908,055
12/31/2014	25,733,740	25,986,315	25,969,963	25,976,165	25,976,159	25,974,534	25,974,498	
12/31/2015	27,085,350	27,107,712	27,106,930	27,105,430	27,103,709	27,103,621		
12/31/2016	27,206,181	27,288,958	27,292,143	27,290,305	27,290,305			
12/31/2017	27,588,090	27,608,225	27,584,176	27,583,373				
12/31/2018	27,822,837	27,777,295	27,859,488					
12/31/2019	28,030,153	28,272,117						
12/31/2020	27,482,886							

LINK RATIOS

Accident Year Ending	27:15	39:27	51:39	63:51	75:63	87:75	99:87
12/31/2013	1.004	1.001	1.000	1.000	1.000	1.000	1.000
12/31/2014	1.010	0.999	1.000	1.000	1.000	1.000	
12/31/2015	1.001	1.000	1.000	1.000	1.000		
12/31/2016	1.003	1.000	1.000	1.000			
12/31/2017	1.001	0.999	1.000				
12/31/2018	0.998	1.003					
12/31/2019	1.009						

Average Best 3 of 5  
27:15  
 1.002      39:27  
                  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
12/31/2013	1,601,047,871	1,636,551,033	1,638,404,215	1,642,132,222	1,642,305,400	1,642,277,080	1,642,261,360	1,642,261,809
12/31/2014	1,692,532,913	1,750,835,005	1,754,810,944	1,755,163,756	1,755,011,597	1,755,016,130	1,754,987,934	
12/31/2015	1,742,710,470	1,785,152,241	1,784,629,059	1,784,317,811	1,784,480,523	1,784,665,049		
12/31/2016	1,762,869,009	1,800,301,481	1,802,092,772	1,801,806,002	1,802,080,775			
12/31/2017	1,833,653,838	1,874,902,022	1,873,017,550	1,872,938,317				
12/31/2018	1,901,473,635	1,932,253,979	1,931,295,193					
12/31/2019	1,985,998,990	2,008,123,695						
12/31/2020	2,040,883,771							

LINK RATIOS

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

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

MULTISTATE  
OWNERS LANDLORDS AND TENANTS

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

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

LINK RATIOS

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

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

## ALABAMA

## Premises/Operations

Manufacturers & Contractors  
 Bodily Injury  
 Full Coverage  
 Incurred Losses Excluding ALAE

## Calculation of Loss Development Factors

(1)	(2)	(3)	(4)	(5)	
Evaluation Period	Multistate Ratio (A)	State Ratio (B)	Credibility (C)	Weighted Ratio (D)	Credibility Constant (K <sub>i</sub> )
15 to 27 Months	1.636	1.604	0.6268	1.616	1,500,000
27 to 39 Months	1.313	1.097	0.7066	1.160	1,800,000
39 to 51 Months	1.089	1.098	0.7078	1.095	2,100,000
51 to 63 Months	1.020	1.007	0.7184	1.011	2,500,000
63 to 75 Months	0.997	1.027	0.6758	1.017	3,000,000
75 to 87 Months	0.999	0.992	0.6614	0.994	3,600,000
87 to 99 Months	1.000	0.986	0.6122	0.991	4,200,000
99 to 111 Months	1.001	1.000	0.5822	1.000	5,100,000
111 to 123 Months	0.999	0.994	0.5421	0.996	6,000,000
123 to 135 Months	1.000	1.000	0.5366	1.000	7,200,000
135 to 147 Months	1.000	1.000	0.4634	1.000	8,600,000
147 to 159 Months	1.001	1.000	0.3860	1.001	10,200,000
159 to 171 Months	1.000	1.000	0.2985	1.000	12,200,000
171 to 183 Months	1.000	1.000	0.2610	1.000	14,500,000
183 to 195 Months	1.000	1.000	0.2489	1.000	17,400,000
195 to 207 Months	1.001	1.000	0.2140	1.001	20,700,000
207 to 219 Months	1.001	1.000	0.2121	1.001	24,700,000
219 to 231 Months	1.000	1.000	0.1342	1.000	29,400,000
231 to 243 Months	1.000	1.000	0.0654	1.000	35,100,000
243 to Ultimate	The Multistate ratio has been used.				

Accident Year		Loss Development From									
Ending	27:15	39:27	51:39	63:51	75:63	87:75	99:87	111:99	123:111	135:123	147:135
12/31/2018			1.095	1.011	1.017	0.994	0.991	1.000	0.996	1.000	1.000
12/31/2019		1.160	1.095	1.011	1.017	0.994	0.991	1.000	0.996	1.000	1.000
12/31/2020	1.616	1.160	1.095	1.011	1.017	0.994	0.991	1.000	0.996	1.000	1.000
	159:147	171:159	183:171	195:183	207:195	219:207	231:219	243:231	ULT:243		Factor
12/31/2018	1.001	1.000	1.000	1.000	1.001	1.001	1.000	1.000	1.000		1.109
12/31/2019	1.001	1.000	1.000	1.000	1.001	1.001	1.000	1.000	1.000		1.287
12/31/2020	1.001	1.000	1.000	1.000	1.001	1.001	1.000	1.000	1.000		2.079

(A) See Exhibit C4 - Multistate Loss Development.

(B) See Exhibit C4 - Statewide Loss Development.

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

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

## ALABAMA

## Premises/Operations

Manufacturers & Contractors  
 Bodily Injury  
 Full and Deductible Coverage  
 ALAE

## Calculation of Cumulative Incremental Factors

(1)	(2)	(3)	(4)	(5)	
Evaluation Period	Multistate Ratio (A)	State Ratio (B)	Credibility (C)	Weighted Ratio (D)	Credibility Constant (K <sub>i</sub> )
15 to 27 Months	0.0666	0.0948	0.6268	0.0843	1,500,000
27 to 39 Months	0.0912	0.1044	0.7066	0.1005	1,800,000
39 to 51 Months	0.0790	0.0699	0.7078	0.0726	2,100,000
51 to 63 Months	0.0469	0.0157	0.7184	0.0245	2,500,000
63 to 75 Months	0.0254	0.0301	0.6758	0.0286	3,000,000
75 to 87 Months	0.0141	0.0143	0.6614	0.0142	3,600,000
87 to 99 Months	0.0053	0.0063	0.6122	0.0059	4,200,000
99 to 111 Months	0.0023	0.0008	0.5822	0.0014	5,100,000
111 to 123 Months	0.0023	-0.0131	0.5421	-0.0060	6,000,000
123 to 135 Months	0.0010	0.0000	0.5366	0.0005	7,200,000
135 to 147 Months	0.0017	0.0000	0.4634	0.0009	8,600,000
147 to 159 Months	0.0003	0.0000	0.3860	0.0002	10,200,000
159 to 171 Months	0.0003	0.0000	0.2985	0.0002	12,200,000
171 to Ultimate	A multistate ratio of 0.0000 has been used.				

Cumulative Incremental Factors							
<u>Months-to-Ultimate</u>	<u>15</u>	<u>27</u>	<u>39</u>	<u>51</u>	<u>63</u>	<u>75</u>	<u>87</u>
	0.328	0.244	0.143	0.070	0.046	0.017	0.003
<u>Months-to-Ultimate</u>	<u>99</u>	<u>111</u>	<u>123</u>	<u>135</u>	<u>147</u>	<u>159</u>	<u>171</u>
	-0.003	-0.004	0.002	0.001	0.000	0.000	0.000

Full coverage

A.Y.E	Reported ALAE as of 6/30/2021	\$500,000 Ultimate Indemnity	ALAE Factor	Additional ALAE	Ultimate ALAE
3/31/2019	997,425	4,309,087	0.143	616,199	1,613,624
3/31/2020	637,900	5,201,748	0.244	1,266,626	1,904,526
3/31/2021	439,343	3,502,225	0.328	1,148,029	1,587,372

Deductible Coverage

A.Y.E	Reported ALAE as of 6/30/2021	\$500,000 Ultimate Indemnity	ALAE Factor	Additional ALAE	Ultimate ALAE
3/31/2019	444,231	817,145	0.143	116,852	561,083
3/31/2020	94,985	191,333	0.244	46,590	141,575
3/31/2021	0	959,721	0.328	314,597	314,597

(A) See Exhibit C4 - Multistate Loss Development.

(B) See Exhibit C4 - Statewide Loss Development.

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

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

## ALABAMA

## Premises/Operations

Manufacturers & Contractors  
 Property Damage  
 Full Coverage  
 Incurred Losses Excluding ALAE

## Calculation of Loss Development Factors

(1)	(2)	(3)	(4)	(5)	
Evaluation Period	Multistate Ratio (A)	State Ratio (B)	Credibility (C)	Weighted Ratio (D)	Credibility Constant (K <sub>i</sub> )
15 to 27 Months	1.132	1.151	0.6835	1.145	2,600,000
27 to 39 Months	1.053	1.105	0.6964	1.089	2,800,000
39 to 51 Months	1.022	1.028	0.6823	1.026	2,900,000
51 to 63 Months	1.010	1.005	0.6784	1.007	3,100,000
63 to 75 Months	1.009	1.015	0.6466	1.013	3,300,000
75 to 87 Months	1.008	0.996	0.6325	1.000	3,400,000
87 to 99 Months	1.006	1.005	0.6294	1.005	3,600,000
99 to 111 Months	1.004	1.001	0.6558	1.002	3,800,000
111 to 123 Months	1.001	1.001	0.6592	1.001	4,000,000
123 to 135 Months	1.003	1.000	0.6746	1.001	4,200,000
135 to 147 Months	1.002	1.000	0.6523	1.001	4,400,000
147 to 159 Months	1.002	1.000	0.6441	1.001	4,700,000
159 to 171 Months	1.001	1.000	0.6003	1.000	4,900,000
171 to 183 Months	1.000	1.000	0.5989	1.000	5,200,000
183 to 195 Months	1.000	1.000	0.5634	1.000	5,400,000
195 to 207 Months	1.001	1.000	0.5481	1.000	5,700,000
207 to 219 Months	1.001	1.000	0.5288	1.000	6,100,000
219 to 231 Months	1.001	1.000	0.4418	1.001	6,400,000
231 to 243 Months	1.001	1.000	0.2865	1.001	6,700,000
243 to Ultimate	The Multistate ratio has been used.				

Accident Year	Loss Development From										
Ending	27:15	39:27	51:39	63:51	75:63	87:75	99:87	111:99	123:111	135:123	147:135
12/31/2018			1.026	1.007	1.013	1.000	1.005	1.002	1.001	1.001	1.001
12/31/2019		1.089	1.026	1.007	1.013	1.000	1.005	1.002	1.001	1.001	1.001
12/31/2020	1.145	1.089	1.026	1.007	1.013	1.000	1.005	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
12/31/2018	1.001	1.000	1.000	1.000	1.000	1.000	1.001	1.001	1.003		1.064
12/31/2019	1.001	1.000	1.000	1.000	1.000	1.000	1.001	1.001	1.003		1.159
12/31/2020	1.001	1.000	1.000	1.000	1.000	1.000	1.001	1.001	1.003		1.327

(A) See Exhibit C4 - Multistate Loss Development.

(B) See Exhibit C4 - Statewide Loss Development.

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

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

## ALABAMA

## Premises/Operations

Manufacturers & Contractors  
 Property Damage  
 Full and Deductible Coverage  
 ALAE

## Calculation of Cumulative Incremental Factors

(1)	(2)	(3)	(4)	(5)	
Evaluation Period	Multistate Ratio (A)	State Ratio (B)	Credibility (C)	Weighted Ratio (D)	Credibility Constant (K <sub>i</sub> )
15 to 27 Months	0.0396	0.0778	0.6835	0.0657	2,600,000
27 to 39 Months	0.0441	0.0754	0.6964	0.0659	2,800,000
39 to 51 Months	0.0428	0.0360	0.6823	0.0382	2,900,000
51 to 63 Months	0.0310	0.0353	0.6784	0.0339	3,100,000
63 to 75 Months	0.0154	0.0176	0.6466	0.0168	3,300,000
75 to 87 Months	0.0124	0.0158	0.6325	0.0146	3,400,000
87 to 99 Months	0.0109	0.0000	0.6294	0.0040	3,600,000
99 to 111 Months	0.0062	0.0018	0.6558	0.0033	3,800,000
111 to 123 Months	0.0083	0.0026	0.6592	0.0045	4,000,000
123 to 135 Months	0.0034	0.0008	0.6746	0.0016	4,200,000
135 to 147 Months	0.0045	-0.0016	0.6523	0.0005	4,400,000
147 to 159 Months	0.0044	0.0000	0.6441	0.0016	4,700,000
159 to 171 Months	0.0020	0.0000	0.6003	0.0008	4,900,000
171 to Ultimate	A multistate ratio of 0.0000 has been used.				

Cumulative Incremental Factors							
<u>Months-to-Ultimate</u>	<u>15</u>	<u>27</u>	<u>39</u>	<u>51</u>	<u>63</u>	<u>75</u>	<u>87</u>
	0.251	0.186	0.120	0.082	0.048	0.031	0.016
<u>Months-to-Ultimate</u>	<u>99</u>	<u>111</u>	<u>123</u>	<u>135</u>	<u>147</u>	<u>159</u>	<u>171</u>
	0.012	0.009	0.005	0.003	0.002	0.001	0.000

Full coverage

A.Y.E	Reported ALAE as of 6/30/2021	\$500,000 Ultimate Indemnity	ALAE Factor	Additional ALAE	Ultimate ALAE
3/31/2019	598,072	3,572,568	0.120	427,994	1,026,066
3/31/2020	960,655	5,046,835	0.186	937,197	1,897,852
3/31/2021	1,011,080	6,118,829	0.251	1,538,274	2,549,354

Deductible Coverage

A.Y.E	Reported ALAE as of 6/30/2021	\$500,000 Ultimate Indemnity	ALAE Factor	Additional ALAE	Ultimate ALAE
3/31/2019	326,392	781,770	0.120	93,656	420,048
3/31/2020	21,390	327,806	0.186	60,874	82,264
3/31/2021	15,989	107,930	0.251	27,134	43,123

(A) See Exhibit C4 - Multistate Loss Development.

(B) See Exhibit C4 - Statewide Loss Development.

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

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



## ALABAMA

## Premises/Operations

## Manufacturers &amp; Contractors

## Fringe

## Full Coverage

## ALAE

## Calculation of Cumulative Incremental Factors

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

Cumulative Incremental Factors							
<u>Months-to-Ultimate</u>	<u>15</u>	<u>27</u>	<u>39</u>	<u>51</u>	<u>63</u>	<u>75</u>	<u>87</u>
	0.596	0.453	0.288	0.157	0.101	0.058	0.025
<u>Months-to-Ultimate</u>	<u>99</u>	<u>111</u>	<u>123</u>	<u>135</u>	<u>147</u>	<u>159</u>	<u>171</u>
	0.011	0.002	0.002	0.002	0.001	0.000	0.000

Full coverage

A.Y.E	Reported ALAE as of 6/30/2021	\$500,000 Ultimate Indemnity	ALAE Factor	Additional ALAE	Ultimate ALAE
3/31/2019	83,745	63,862	0.288	18,367	102,112
3/31/2020	7,500	132,787	0.453	60,086	67,586
3/31/2021	11,826	527,802	0.596	314,517	326,343

(A) See Exhibit C4 - Multistate Loss Development.

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

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

\$100,000 Basic Limit Losses as of :

<u>A.Y.E.</u>	<u>15 Months</u>	<u>27 Months</u>	<u>39 Months</u>	<u>51 Months</u>	<u>63 Months</u>	<u>75 Months</u>	<u>87 Months</u>	<u>99 Months</u>	<u>111 Months</u>	<u>123 Months</u>	<u>135 Months</u>
12/31/2001	888,065	1,765,400	2,314,798	2,436,334	2,679,332	2,478,417	2,372,117	2,357,116	2,457,116	2,457,116	2,457,116
12/31/2002	909,958	1,474,707	2,166,370	2,233,406	2,079,774	2,093,142	2,110,405	2,128,053	2,108,053	2,107,250	2,113,628
12/31/2003	653,471	1,696,289	1,885,614	2,060,454	2,002,079	1,954,562	1,963,598	2,009,880	2,009,880	1,991,547	1,991,547
12/31/2004	922,025	1,619,690	1,725,115	1,669,361	1,545,403	1,566,853	1,528,403	1,546,203	1,545,403	1,545,403	1,545,403
12/31/2005	911,633	1,465,215	2,351,756	2,527,174	2,320,219	2,390,159	2,309,130	2,229,035	2,229,035	2,229,035	2,229,035
12/31/2006	418,940	816,377	1,161,020	1,262,049	1,323,882	1,408,799	1,358,799	1,357,799	1,348,799	1,348,799	1,348,799
12/31/2007	960,681	1,333,492	1,595,128	1,653,020	1,628,109	1,545,159	1,625,759	1,676,659	1,675,659	1,645,659	1,645,659
12/31/2008	1,622,602	2,533,707	3,434,644	3,366,864	3,448,139	3,503,071	3,435,071	3,422,233	3,450,233	3,450,233	3,450,233
12/31/2009	744,791	1,631,579	2,115,186	2,418,435	2,483,300	2,355,184	2,414,434	2,314,434	2,314,185	2,329,684	2,329,684
12/31/2010	960,893	1,267,900	2,092,389	2,667,083	2,739,584	2,755,519	2,687,266	2,702,266	2,557,067	2,557,067	2,557,067
12/31/2011	781,544	1,510,072	1,684,511	2,139,048	2,430,038	2,356,037	2,230,788	2,230,787	2,230,787	2,130,787	
12/31/2012	1,303,207	1,693,162	2,061,204	2,233,054	2,403,920	2,273,895	2,273,895	2,173,895	2,173,895		
12/31/2013	1,112,542	1,698,290	1,848,366	2,181,594	2,000,882	2,123,381	2,125,881	2,125,881			
12/31/2014	789,036	1,695,828	2,222,872	2,371,713	2,473,490	2,633,490					
12/31/2015	1,144,967	1,818,651	1,857,191	1,783,237	1,777,870	1,864,205					
12/31/2016	1,130,623	1,738,831	2,123,824	2,223,087	2,178,062						
12/31/2017	667,509	1,125,932	1,104,704	1,302,794							
12/31/2018	738,060	1,470,687	1,544,188								
12/31/2019	1,113,505	1,515,120									
12/31/2020	1,119,106										

<u>A.Y.E.</u>	<u>147 Months</u>	<u>159 Months</u>	<u>171 Months</u>	<u>183 Months</u>	<u>195 Months</u>	<u>207 Months</u>	<u>219 Months</u>	<u>231 Months</u>	<u>243 Months</u>
12/31/2001	2,457,116	2,457,116	2,457,116	2,457,116	2,457,116	2,557,116	2,457,116	2,457,116	2,457,116
12/31/2002	2,106,995	2,106,983	2,098,650	2,098,650	2,098,650	2,098,650	2,098,650	2,098,650	
12/31/2003	1,991,547	1,991,547	1,991,547	1,991,547	1,991,547	1,991,547	1,991,547		
12/31/2004	1,545,403	1,545,403	1,545,403	1,545,403	1,545,403	1,545,403			
12/31/2005	2,229,035	2,229,035	2,229,035	2,229,035	2,229,035				
12/31/2006	1,347,799	1,347,799	1,347,799	1,347,799					
12/31/2007	1,615,659	1,615,659	1,615,659						
12/31/2008	3,450,233	3,450,233							
12/31/2009	2,329,684								

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

					Link Ratios						
A.Y.E.	27:15	39:27	51:39	63:51	75:63	87:75	99:87	111:99	123:111	135:123	147:135
12/31/2001	1.988	1.311	1.053	1.100	0.925	0.957	0.994	1.042	1.000	1.000	1.000
12/31/2002	1.621	1.469	1.031	0.931	1.006	1.008	1.008	0.991	1.000	1.003	0.997
12/31/2003	2.596	1.112	1.093	0.972	0.976	1.005	1.024	1.000	0.991	1.000	1.000
12/31/2004	1.757	1.065	0.968	0.926	1.014	0.975	1.012	0.999	1.000	1.000	1.000
12/31/2005	1.607	1.605	1.075	0.918	1.030	0.966	0.965	1.000	1.000	1.000	1.000
12/31/2006	1.949	1.422	1.087	1.049	1.064	0.965	0.999	0.993	1.000	1.000	0.999
12/31/2007	1.388	1.196	1.036	0.985	0.949	1.052	1.031	0.999	0.982	1.000	0.982
12/31/2008	1.562	1.356	0.980	1.024	1.016	0.981	0.996	1.008	1.000	1.000	1.000
12/31/2009	2.191	1.296	1.143	1.027	0.948	1.025	0.959	1.000	1.007	1.000	1.000
12/31/2010	1.320	1.650	1.275	1.027	1.006	0.975	1.006	0.946	1.000	1.000	
12/31/2011	1.932	1.116	1.270	1.136	0.970	0.947	1.000	1.000	0.955		
12/31/2012	1.299	1.217	1.083	1.077	0.946	1.000	0.956	1.000			
12/31/2013	1.526	1.088	1.180	0.917	1.061	1.001	1.000				
12/31/2014	2.149	1.311	1.067	1.043	1.065	1.000					
12/31/2015	1.588	1.021	0.960	0.997	1.049						
12/31/2016	1.538	1.221	1.047	0.980							
12/31/2017	1.687	0.981	1.179								
12/31/2018	1.993	1.050									
12/31/2019	1.361										
3 Yr Mean	1.680	1.084	1.062	1.007	1.058	1.000	0.985	0.982	0.987	1.000	0.994
Best 3/5	1.604	1.097	1.098	1.007	1.027	0.992	0.986	1.000	0.994	1.000	1.000
A.Y.E.	159:147	171:159	183:171	195:183	207:195	219:207	231:219	243:231			
12/31/2001	1.000	1.000	1.000	1.000	1.041	0.961	1.000	1.000			
12/31/2002	1.000	0.996	1.000	1.000	1.000	1.000	1.000	1.000			
12/31/2003	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000			
12/31/2004	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000			
12/31/2005	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000			
12/31/2006	1.000	1.000	1.000								
12/31/2007	1.000	1.000									
12/31/2008	1.000										
3 Yr Mean	1.000	1.000	1.000	1.000	1.000	0.987	1.000	1.000			
Best 3/5	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000			
Development From											
A.Y.E.	15/ 27	27/ 39	39/ 51	51/ 63	63/ 75	75/ 87	87/ 99	99/111	111/123	123/135	135/147
12/31/2016					1.027	0.992	0.986	1.000	0.994	1.000	1.000
12/31/2017				1.007	1.027	0.992	0.986	1.000	0.994	1.000	1.000
12/31/2018			1.098	1.007	1.027	0.992	0.986	1.000	0.994	1.000	1.000
12/31/2019		1.097	1.098	1.007	1.027	0.992	0.986	1.000	0.994	1.000	1.000
12/31/2020	1.604	1.097	1.098	1.007	1.027	0.992	0.986	1.000	0.994	1.000	1.000
A.Y.E.	147/159	159/171	171/183	183/195	195/207	207/219	219/231	231/243	243/U1t	FACTORS	
12/31/2016	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	0.998	
12/31/2017	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.005	
12/31/2018	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.104	
12/31/2019	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.211	
12/31/2020	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.943	

**Bold - Calculated Using Modified Bondy Method**

*Italics - Three year mean Excludes Modified Bondy ratios*

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

<u>A.Y.E.</u>	<u>15 Months</u>	<u>27 Months</u>	<u>39 Months</u>	<u>51 Months</u>	<u>63 Months</u>	<u>75 Months</u>	<u>87 Months</u>	<u>99 Months</u>	<u>111 Months</u>	<u>123 Months</u>	<u>135 Months</u>
12/31/2001	171,697	441,213	1,091,708	1,487,894	1,834,808	1,960,983	2,462,321	2,454,815	2,429,539	2,437,164	2,437,163
12/31/2002	269,453	488,766	1,266,959	1,707,877	2,177,771	2,304,773	2,376,536	2,440,076	2,427,758	2,435,947	2,449,254
12/31/2003	136,585	665,871	785,146	916,073	1,040,825	1,048,459	1,089,660	1,095,764	1,133,532	1,160,853	1,160,853
12/31/2004	170,297	498,599	719,000	848,260	1,006,644	1,086,169	1,031,012	1,036,013	1,026,125	1,020,154	1,020,154
12/31/2005	192,910	929,637	2,077,425	2,251,843	2,434,939	2,528,420	2,648,600	2,557,978	2,558,386	2,558,386	2,558,386
12/31/2006	32,191	210,034	382,096	578,360	530,061	585,781	582,685	597,858	599,142	599,142	599,142
12/31/2007	151,287	475,860	817,973	902,172	942,440	990,620	1,003,692	1,005,041	1,005,041	1,016,545	1,016,545
12/31/2008	480,568	983,281	1,553,677	1,856,053	1,975,761	2,015,039	2,007,476	2,007,777	2,039,966	2,039,966	2,039,966
12/31/2009	121,365	562,331	1,191,095	1,480,365	1,587,332	1,588,813	1,786,701	1,857,379	2,159,265	1,810,161	1,810,161
12/31/2010	61,194	481,911	1,237,921	1,934,225	2,488,086	2,539,306	2,730,159	2,835,440	2,826,426	2,826,426	2,826,426
12/31/2011	51,842	343,282	787,723	1,879,797	2,585,455	3,451,382	5,431,994	4,582,428	4,320,675	4,122,095	
12/31/2012	260,894	766,532	1,213,500	1,466,497	1,697,010	1,797,679	1,811,115	1,813,166	1,813,166		
12/31/2013	124,460	496,518	871,462	1,376,563	1,498,158	1,503,118	1,503,118	1,503,118			
12/31/2014	137,548	785,953	1,842,326	2,615,571	1,897,220	1,854,390	1,892,555				
12/31/2015	126,156	512,807	1,016,665	1,217,675	1,291,810	1,555,726					
12/31/2016	259,042	735,795	1,150,893	1,366,049	1,379,748						
12/31/2017	359,439	819,736	858,821	1,036,581							
12/31/2018	232,098	652,944	1,130,800								
12/31/2019	339,252	453,324									
12/31/2020	136,968										

<u>A.Y.E.</u>	<u>147 Months</u>	<u>159 Months</u>	<u>171 Months</u>	<u>183 Months</u>	<u>195 Months</u>	<u>207 Months</u>	<u>219 Months</u>	<u>231 Months</u>	<u>243 Months</u>
12/31/2001	2,430,201	2,430,201	2,430,201	2,430,201	2,430,201	2,463,602	2,434,461	2,434,461	2,434,461
12/31/2002	2,456,139	2,460,830	2,457,058	2,457,058	2,457,058	2,457,058	2,457,058	2,457,058	
12/31/2003	1,160,853	1,160,853	1,160,853	1,160,853	1,160,853	1,160,853	1,160,853		
12/31/2004	1,020,154	1,020,154	1,020,154	1,020,154	1,020,154	1,020,154			
12/31/2005	2,558,386	2,558,386	2,558,386	2,574,487	2,590,582				
12/31/2006	599,142	599,142	599,108	599,108					
12/31/2007	1,015,298	1,015,298	1,015,298						
12/31/2008	2,039,966	2,039,966							
12/31/2009	1,810,161								

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

	Increments												
<u>A.Y.E.</u>	<u>27:15</u>	<u>39:27</u>	<u>51:39</u>	<u>63:51</u>	<u>75:63</u>	<u>87:75</u>	<u>99:87</u>	<u>111:99</u>	<u>123:111</u>	<u>135:123</u>	<u>147:135</u>	<u>159:147</u>	<u>171:159</u>
12/31/2001	269,516	650,495	396,186	346,914	126,175	501,338	-7,506	-25,276	7,625	-1	-6,962	0	0
12/31/2002	219,313	778,193	440,918	469,894	127,002	71,763	63,540	-12,318	8,189	13,307	6,885	4,691	-3,772
12/31/2003	529,286	119,275	130,927	124,752	7,634	41,201	6,104	37,768	27,321	0	0	0	0
12/31/2004	328,302	220,401	129,260	158,384	79,525	-55,157	5,001	-9,888	-5,971	0	0	0	0
12/31/2005	736,727	1,147,788	174,418	183,096	93,481	120,180	-90,622	408	0	0	0	0	0
12/31/2006	177,843	172,062	196,264	-48,299	55,720	-3,096	15,173	1,284	0	0	0	0	-34
12/31/2007	324,573	342,113	84,199	40,268	48,180	13,072	1,349	0	11,504	0	-1,247	0	0
12/31/2008	502,713	570,396	302,376	119,708	39,278	-7,563	301	32,189	0	0	0	0	0
12/31/2009	440,966	628,764	289,270	106,967	1,481	197,888	70,678	301,886	-349,104	0	0	0	0
12/31/2010	420,717	756,010	696,304	553,861	51,220	190,853	105,281	-9,014	0	0	0	0	0
12/31/2011	291,440	444,441	1,092,074	705,658	865,927	1,980,612	-849,566	-261,753	-198,580				
12/31/2012	505,638	446,968	252,997	230,513	100,669	13,436	2,051	0					
12/31/2013	372,058	374,944	505,101	121,595	4,960	0	0						
12/31/2014	648,405	1,056,373	773,245	-718,351	-42,830	38,165							
12/31/2015	386,651	503,858	201,010	74,135	263,916								
12/31/2016	476,753	415,098	215,156	13,699									
12/31/2017	460,297	39,085	177,760										
12/31/2018	420,846	477,856											
12/31/2019	114,072												

Incremental Percentages														
A.Y.E.	27:15	39:27	51:39	63:51	75:63	87:75	99:87	111:99	123:111	135:123	147:135	159:147	171:159	
12/31/2001	0.0579	0.1398	0.0851	0.0745	0.0271	0.1077	-0.0016	-0.0054	0.0016	0.0000	-0.0015	0.0000	0.0000	
12/31/2002	0.0551	0.1955	0.1108	0.1181	0.0319	0.0180	0.0160	-0.0031	0.0021	0.0033	0.0017	0.0012	-0.0009	
12/31/2003	0.1119	0.0252	0.0277	0.0264	0.0016	0.0087	0.0013	0.0080	0.0058	0.0000	0.0000	0.0000	0.0000	
12/31/2004	0.1079	0.0725	0.0425	0.0521	0.0261	-0.0181	0.0016	-0.0033	-0.0020	0.0000	0.0000	0.0000	0.0000	
12/31/2005	0.1713	0.2669	0.0406	0.0426	0.0217	0.0279	-0.0211	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000	
12/31/2006	0.0596	0.0577	0.0658	-0.0162	0.0187	-0.0010	0.0051	0.0004	0.0000	0.0000	0.0000	0.0000	0.0000	
12/31/2007	0.1300	0.1370	0.0337	0.0161	0.0193	0.0052	0.0005	0.0000	0.0046	0.0000	-0.0005	0.0000	0.0000	
12/31/2008	0.0616	0.0699	0.0370	0.0147	0.0048	-0.0009	0.0000	0.0039	0.0000	0.0000	0.0000	0.0000	0.0000	
12/31/2009	0.1293	0.1843	0.0848	0.0314	0.0004	0.0580	0.0207	0.0885	-0.1023	0.0000	0.0000	0.0000	0.0000	
12/31/2010	0.0731	0.1313	0.1209	0.0962	0.0089	0.0331	0.0183	-0.0016	0.0000	0.0000	0.0000	0.0000	0.0000	
12/31/2011	0.0577	0.0880	0.2163	0.1397	0.1715	0.3922	-0.1682	-0.0518	-0.0393	0.0000	0.0000	0.0000	0.0000	
12/31/2012	0.1141	0.1008	0.0571	0.0520	0.0227	0.0030	0.0005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
12/31/2013	0.0784	0.0791	0.1065	0.0256	0.0010	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
12/31/2014	0.1156	0.1884	0.1379	-0.1281	-0.0076	0.0068	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
12/31/2015	0.0977	0.1273	0.0508	0.0187	0.0667	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
12/31/2016	0.0989	0.0861	0.0446	0.0028	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
12/31/2017	0.1358	0.0115	0.0524	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
12/31/2018	0.0879	0.0998	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
12/31/2019	0.0245	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	

Best 3/5	0.0948	0.1044	0.0699	0.0157	0.0301	0.0143	0.0063	0.0008	-0.0131	0.0000	0.0000	0.0000	0.0000
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Premises / Operations (Subline Code 334)  
Manufacturers and Contractors  
Full Coverage  
ALABAMA  
Property Damage - Occurrence  
Incurred Accident Year Basic Limits Loss Development Excluding ALAE

\$100,000 Basic Limit Losses as of :

A.Y.E.	<u>15 Months</u>	<u>27 Months</u>	<u>39 Months</u>	<u>51 Months</u>	<u>63 Months</u>	<u>75 Months</u>	<u>87 Months</u>	<u>99 Months</u>	<u>111 Months</u>	<u>123 Months</u>	<u>135 Months</u>
12/31/2001	1,935,068	2,052,576	2,432,871	2,580,839	2,639,027	2,616,140	2,623,141	2,608,141	2,683,141	2,690,297	2,715,296
12/31/2002	1,681,768	1,793,423	1,990,917	2,257,316	2,289,916	2,246,637	2,216,637	2,211,637	2,216,041	2,308,948	2,308,948
12/31/2003	1,279,348	1,467,741	1,841,510	1,744,366	1,765,886	1,784,930	1,792,856	1,851,935	1,851,935	1,806,260	1,788,760
12/31/2004	1,821,413	2,045,061	2,131,343	2,385,962	2,521,372	2,613,537	2,708,694	2,798,547	2,759,019	2,759,002	2,758,982
12/31/2005	1,504,791	1,879,557	2,069,485	2,210,117	2,157,475	2,271,847	2,291,808	2,391,476	2,381,476	2,429,472	2,429,472
12/31/2006	1,777,793	2,158,277	2,300,285	2,495,743	2,510,833	2,616,957	2,594,958	2,667,456	2,682,456	2,649,956	2,649,956
12/31/2007	1,201,680	1,588,283	1,819,785	2,042,707	2,134,715	2,333,215	2,415,465	2,437,217	2,358,822	2,366,028	2,356,028
12/31/2008	2,182,556	2,906,703	3,014,772	3,269,084	3,452,820	3,493,904	3,452,478	3,537,478	3,547,728	3,577,728	3,577,728
12/31/2009	2,154,636	2,412,522	2,246,555	2,239,320	2,274,431	2,318,506	2,326,774	2,319,774	2,319,774	2,319,774	2,319,774
12/31/2010	1,993,997	2,555,956	2,529,722	2,583,655	2,739,390	2,750,888	2,785,608	2,795,608	2,810,841	2,810,841	2,813,272
12/31/2011	1,726,385	1,942,400	2,683,902	2,733,185	2,616,920	2,596,953	2,606,997	2,606,749	2,606,750	2,508,961	
12/31/2012	1,713,072	1,671,076	1,591,858	1,740,018	1,721,380	1,794,535	1,774,752	1,839,016	1,839,016		
12/31/2013	1,625,181	1,472,294	1,808,894	1,684,322	1,754,408	1,763,644	1,731,644	1,751,644			
12/31/2014	1,794,456	1,889,605	2,298,242	2,428,718	2,298,973	2,293,223	2,283,223				
12/31/2015	1,086,424	1,376,600	1,530,355	1,876,871	1,984,312	2,072,224					
12/31/2016	1,949,832	2,054,829	2,227,688	2,232,863	2,194,340						
12/31/2017	1,788,230	2,205,938	2,471,166	2,530,545							
12/31/2018	1,886,959	2,163,413	2,310,910								
12/31/2019	1,940,881	2,078,385									
12/31/2020	2,293,407										

  

A.Y.E.	<u>147 Months</u>	<u>159 Months</u>	<u>171 Months</u>	<u>183 Months</u>	<u>195 Months</u>	<u>207 Months</u>	<u>219 Months</u>	<u>231 Months</u>	<u>243 Months</u>
12/31/2001	2,690,294	2,690,294	2,690,294	2,690,294	2,690,294	2,690,294	2,690,294	2,690,294	2,690,294
12/31/2002	2,333,948	2,353,948	2,375,215	2,375,215	2,375,215	2,375,215	2,375,215	2,375,215	
12/31/2003	1,781,260	1,781,260	1,781,260	1,781,260	1,781,260	1,781,260	1,781,260		
12/31/2004	2,758,982	2,758,982	2,758,982	2,758,982	2,756,757	2,756,757			
12/31/2005	2,429,472	2,429,472	2,429,472	2,429,472					
12/31/2006	2,574,956	2,574,956	2,574,956	2,574,956					
12/31/2007	2,354,528	2,354,528	2,354,528						
12/31/2008	3,577,728	3,577,728							
12/31/2009	2,319,774								

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

Link Ratios											
A.Y.E.	<u>27:15</u>	<u>39:27</u>	<u>51:39</u>	<u>63:51</u>	<u>75:63</u>	<u>87:75</u>	<u>99:87</u>	<u>111:99</u>	<u>123:111</u>	<u>135:123</u>	<u>147:135</u>
12/31/2001	1.061	1.185	1.061	1.023	0.991	1.003	0.994	1.029	1.003	1.009	0.991
12/31/2002	1.066	1.110	1.134	1.014	0.981	0.987	0.998	1.002	1.042	1.000	1.011
12/31/2003	1.147	1.255	0.947	1.012	1.011	1.004	1.033	1.000	0.975	0.990	0.996
12/31/2004	1.123	1.042	1.119	1.057	1.037	1.036	1.033	0.986	1.000	1.000	1.000
12/31/2005	1.249	1.101	1.068	0.976	1.053	1.009	1.043	0.996	1.020	1.000	1.000
12/31/2006	1.214	1.066	1.085	1.006	1.042	0.992	1.028	1.006	0.988	1.000	0.972
12/31/2007	1.322	1.146	1.122	1.045	1.093	1.035	1.009	0.968	1.003	0.996	0.999
12/31/2008	1.332	1.037	1.084	1.056	1.012	0.988	1.025	1.003	1.008	1.000	1.000
12/31/2009	1.120	0.931	0.997	1.016	1.019	1.004	0.997	1.000	1.000	1.000	1.000
12/31/2010	1.282	0.990	1.021	1.060	1.004	1.013	1.004	1.005	1.000	1.001	
12/31/2011	1.125	1.382	1.018	0.957	0.992	1.004	1.000	1.000	0.962		
12/31/2012	0.975	0.953	1.093	0.989	1.042	0.989	1.036	1.000			
12/31/2013	0.906	1.229	0.931	1.042	1.005	0.982	1.012				
12/31/2014	1.053	1.216	1.057	0.947	0.997	0.996					
12/31/2015	1.267	1.112	1.226	1.057	1.044						
12/31/2016	1.054	1.084	1.002	0.983							
12/31/2017	1.234	1.120	1.024								
12/31/2018	1.147	1.068									
12/31/2019	1.071										
3 Yr Mean	1.151	1.091	1.084	0.996	1.015	0.989	1.016	1.002	0.987	1.000	1.000
Best 3/5	1.151	1.105	1.028	1.005	1.015	0.996	1.005	1.001	1.001	1.000	1.000
	<u>159:147</u>	<u>171:159</u>	<u>183:171</u>	<u>195:183</u>	<u>207:195</u>	<u>219:207</u>	<u>231:219</u>	<u>243:231</u>			
12/31/2001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000			
12/31/2002	1.009	1.009	1.000	1.000	1.000	1.000	1.000	<b>1.000</b>			
12/31/2003	1.000	1.000	1.000	1.000	1.000	1.000	<b>1.000</b>	<b>1.000</b>			
12/31/2004	1.000	1.000	1.000	0.999	1.000	<b>1.000</b>	<b>1.000</b>	<b>1.000</b>			
12/31/2005	1.000	1.000	1.000	1.000	<b>1.000</b>	<b>1.000</b>	<b>1.000</b>	<b>1.000</b>			
12/31/2006	1.000	1.000	1.000								
12/31/2007	1.000	1.000									
12/31/2008	1.000										
3 Yr Mean	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000			
Best 3/5	1.000	1.000	1.000	1.000	<b>1.000</b>	<b>1.000</b>	<b>1.000</b>	<b>1.000</b>			
	<u>15/ 27</u>	<u>27/ 39</u>	<u>39/ 51</u>	<u>51/ 63</u>	<u>63/ 75</u>	<u>75/ 87</u>	<u>87/ 99</u>	<u>99/111</u>	<u>111/123</u>	<u>123/135</u>	<u>135/147</u>
12/31/2016					1.015	0.996	1.005	1.001	1.001	1.000	1.000
12/31/2017				1.005	1.015	0.996	1.005	1.001	1.001	1.000	1.000
12/31/2018			1.028	1.005	1.015	0.996	1.005	1.001	1.001	1.000	1.000
12/31/2019		1.105	1.028	1.005	1.015	0.996	1.005	1.001	1.001	1.000	1.000
12/31/2020	1.151	1.105	1.028	1.005	1.015	0.996	1.005	1.001	1.001	1.000	1.000
	<u>147/159</u>	<u>159/171</u>	<u>171/183</u>	<u>183/195</u>	<u>195/207</u>	<u>207/219</u>	<u>219/231</u>	<u>231/243</u>	<u>243/243</u>		<b>FACTORS</b>
12/31/2016	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	<b>1.000</b>		1.018
12/31/2017	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	<b>1.000</b>		1.023
12/31/2018	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	<b>1.000</b>		1.052
12/31/2019	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	<b>1.000</b>		1.162
12/31/2020	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	<b>1.000</b>		1.338

**Bold - Calculated Using Modified Bondy Method**

*Italics - Three year mean Excludes Modified Bondy ratios*

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

<u>A.Y.E.</u>	<u>15 Months</u>	<u>27 Months</u>	<u>39 Months</u>	<u>51 Months</u>	<u>63 Months</u>	<u>75 Months</u>	<u>87 Months</u>	<u>99 Months</u>	<u>111 Months</u>	<u>123 Months</u>	<u>135 Months</u>
12/31/2001	169,294	415,365	846,027	1,176,402	1,258,455	1,408,961	1,493,823	1,526,404	1,889,940	1,885,847	1,989,161
12/31/2002	222,135	575,689	1,057,647	1,060,338	1,199,942	1,257,899	1,220,937	1,246,856	1,254,196	1,265,391	1,282,122
12/31/2003	596,836	744,997	994,719	743,116	850,173	980,776	1,240,351	1,257,849	1,307,955	1,309,047	1,309,296
12/31/2004	268,805	413,626	673,947	854,075	937,187	1,042,769	1,119,020	1,198,428	1,223,876	1,223,876	1,223,876
12/31/2005	145,709	346,238	690,184	1,047,494	1,160,062	1,235,205	1,366,228	1,450,250	1,450,161	1,472,722	1,482,291
12/31/2006	196,864	404,871	620,984	792,987	814,302	923,500	951,016	964,300	1,022,554	1,073,330	1,109,268
12/31/2007	135,684	388,207	768,362	859,014	1,032,259	1,296,564	1,339,275	1,309,975	1,361,359	1,387,017	1,394,386
12/31/2008	164,327	468,774	614,717	850,480	1,019,453	1,182,558	1,356,433	1,408,414	1,414,813	1,453,905	1,453,905
12/31/2009	170,651	432,912	690,252	815,244	825,755	905,533	929,313	936,813	917,493	917,493	917,493
12/31/2010	142,704	429,093	595,132	980,777	1,300,439	1,237,639	1,485,557	1,472,368	1,495,126	1,495,126	1,495,126
12/31/2011	172,469	395,135	962,105	1,361,895	1,393,128	1,452,506	1,294,629	1,294,094	1,294,094	1,294,094	
12/31/2012	167,317	190,067	243,587	395,600	501,453	516,062	562,628	612,588	654,050		
12/31/2013	402,861	301,871	473,471	428,114	461,030	508,556	522,589	515,924			
12/31/2014	229,563	519,231	958,396	1,154,091	1,277,439	1,316,535	1,374,787				
12/31/2015	69,430	307,699	435,558	689,867	879,471	1,007,538					
12/31/2016	199,754	229,561	562,835	632,469	642,915						
12/31/2017	171,131	425,716	484,267	567,585							
12/31/2018	180,215	363,486	496,410								
12/31/2019	365,973	806,762									
12/31/2020	658,294										

<u>A.Y.E</u>	<u>147 Months</u>	<u>159 Months</u>	<u>171 Months</u>	<u>183 Months</u>	<u>195 Months</u>	<u>207 Months</u>	<u>219 Months</u>	<u>231 Months</u>	<u>243 Months</u>
12/31/2001	1,961,074	1,937,065	1,937,065	1,937,065	1,937,065	1,937,065	1,937,065	1,901,077	1901077
12/31/2002	1,298,553	1,306,380	1,318,625	1,318,625	1,318,625	1,318,625	1,318,625	1318625	
12/31/2003	1,308,759	1,276,052	1,276,052	1,276,052	1,276,052	1,276,052	1276052		
12/31/2004	1,223,876	1,223,876	1,223,876	1,223,876	1,223,876	1223876			
12/31/2005	1,482,649	1,482,649	1,482,649	1,482,649	1482649				
12/31/2006	998,795	998,795	998,795	998795					
12/31/2007	1,380,397	1,380,397	1380397						
12/31/2008	1,453,905	1453905							
12/31/2009	917,493								



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

	Increments												
<u>A.Y.E.</u>	<u>27:15</u>	<u>39:27</u>	<u>51:39</u>	<u>63:51</u>	<u>75:63</u>	<u>87:75</u>	<u>99:87</u>	<u>111:99</u>	<u>123:111</u>	<u>135:123</u>	<u>147:135</u>	<u>159:147</u>	<u>171:159</u>
12/31/2001	246,071	430,662	330,375	82,053	150,506	84,862	32,581	363,536	-4,093	103,314	-28,087	-24,009	0
12/31/2002	353,554	481,958	2,691	139,604	57,957	-36,962	25,919	7,340	11,195	16,731	16,431	7,827	12,245
12/31/2003	148,161	249,722	-251,603	107,057	130,603	259,575	17,498	50,106	1,092	249	-537	-32,707	0
12/31/2004	144,821	260,321	180,128	83,112	105,582	76,251	79,408	25,448	0	0	0	0	0
12/31/2005	200,529	343,946	357,310	112,568	75,143	131,023	84,022	-89	22,561	9,569	358	0	0
12/31/2006	208,007	216,113	172,003	21,315	109,198	27,516	13,284	58,254	50,776	35,938	-110,473	0	0
12/31/2007	252,523	380,155	90,652	173,245	264,305	42,711	-29,300	51,384	25,658	7,369	-13,989	0	0
12/31/2008	304,447	145,943	235,763	168,973	163,105	173,875	51,981	6,399	39,092	0	0	0	0
12/31/2009	262,261	257,340	124,992	10,511	79,778	23,780	7,500	-19,320	0	0	0	0	0
12/31/2010	286,389	166,039	385,645	319,662	-62,800	247,918	-13,189	22,758	0	0	0	0	0
12/31/2011	222,666	566,970	399,790	31,233	59,378	-157,877	-535	0	0	0	0	0	0
12/31/2012	22,750	53,520	152,013	105,853	14,609	46,566	49,960	41,462	0	0	0	0	0
12/31/2013	-100,990	171,600	-45,357	32,916	47,526	14,033	-6,665	0	0	0	0	0	0
12/31/2014	289,668	439,165	195,695	123,348	39,096	58,252	0	0	0	0	0	0	0
12/31/2015	238,269	127,859	254,309	189,604	128,067	0	0	0	0	0	0	0	0
12/31/2016	29,807	333,274	69,634	10,446	0	0	0	0	0	0	0	0	0
12/31/2017	254,585	58,551	83,318	0	0	0	0	0	0	0	0	0	0
12/31/2018	183,271	132,924	0	0	0	0	0	0	0	0	0	0	0
12/31/2019	440,789	0	0	0	0	0	0	0	0	0	0	0	0

Incremental Percentages													
A.Y.E.	27:15	39:27	51:39	63:51	75:63	87:75	99:87	111:99	123:111	135:123	147:135	159:147	171:159
12/31/2001	0.0577	0.1010	0.0775	0.0192	0.0353	0.0199	0.0076	0.0852	-0.0010	0.0242	-0.0066	-0.0056	0.0000
12/31/2002	0.1200	0.1635	0.0009	0.0474	0.0197	-0.0125	0.0088	0.0025	0.0038	0.0057	0.0056	0.0027	0.0042
12/31/2003	0.0548	0.0924	-0.0931	0.0396	0.0483	0.0961	0.0065	0.0185	0.0004	0.0001	-0.0002	-0.0121	0.0000
12/31/2004	0.0341	0.0613	0.0424	0.0196	0.0249	0.0180	0.0187	0.0060	0.0000	0.0000	0.0000	0.0000	0.0000
12/31/2005	0.0690	0.1183	0.1229	0.0387	0.0259	0.0451	0.0289	0.0000	0.0078	0.0033	0.0001	0.0000	0.0000
12/31/2006	0.0776	0.0806	0.0642	0.0080	0.0407	0.0103	0.0050	0.0217	0.0189	0.0134	-0.0412	0.0000	0.0000
12/31/2007	0.0870	0.1310	0.0312	0.0597	0.0911	0.0147	-0.0101	0.0177	0.0088	0.0025	-0.0048	0.0000	0.0000
12/31/2008	0.0610	0.0292	0.0472	0.0339	0.0327	0.0348	0.0104	0.0013	0.0078	0.0000	0.0000	0.0000	0.0000
12/31/2009	0.0912	0.0894	0.0434	0.0037	0.0277	0.0083	0.0026	-0.0067	0.0000	0.0000	0.0000	0.0000	0.0000
12/31/2010	0.0528	0.0306	0.0711	0.0589	-0.0116	0.0457	-0.0024	0.0042	0.0000	0.0000	0.0000	0.0000	0.0000
12/31/2011	0.0559	0.1423	0.1003	0.0078	0.0149	-0.0396	-0.0001	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12/31/2012	0.0112	0.0263	0.0746	0.0519	0.0072	0.0228	0.0245	0.0203	0.0000	0.0000	0.0000	0.0000	0.0000
12/31/2013	-0.0567	0.0963	-0.0255	0.0185	0.0267	0.0079	-0.0037	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12/31/2014	-0.0835	0.1266	-0.0564	0.0355	0.0113	0.0168	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12/31/2015	0.0957	0.0514	0.1022	0.0762	0.0515	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12/31/2016	0.0122	0.1361	0.0284	0.0043	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12/31/2017	0.0712	0.0164	0.0233	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12/31/2018	0.0666	0.0483	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12/31/2019	0.1378	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Best 3/5	0.0778	0.0754	0.0360	0.0353	0.0176	0.0158	0.0000	0.0018	0.0026	0.0008	-0.0016	0.0000	0.0000
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Premises / Operations (Subline Code 334)  
Manufacturers and Contractors  
Full Coverage  
Multistate  
Bodily Injury - Occurrence  
Incurred Accident Year Basic Limits Loss Development Excluding ALAE

\$100,000 Basic Limit Losses as of :

<u>A.Y.E.</u>	<u>15 Months</u>	<u>27 Months</u>	<u>39 Months</u>	<u>51 Months</u>	<u>63 Months</u>	<u>75 Months</u>	<u>87 Months</u>	<u>99 Months</u>	<u>111 Months</u>	<u>123 Months</u>	<u>135 Months</u>
12/31/2001	59,994,333	102,363,754	135,728,274	146,671,011	152,239,669	149,707,798	146,737,298	146,035,068	145,708,505	145,885,081	145,770,965
12/31/2002	51,153,250	83,882,796	109,276,902	127,354,966	125,207,877	122,808,211	121,408,028	120,747,284	120,939,771	120,840,034	120,958,743
12/31/2003	52,038,382	80,612,746	115,275,727	125,600,482	121,206,185	119,264,187	118,310,405	116,500,108	116,416,468	115,966,828	115,898,360
12/31/2004	53,246,606	88,244,508	112,625,574	117,415,793	113,678,269	111,705,883	110,750,570	110,036,978	110,257,501	110,264,397	110,327,530
12/31/2005	55,993,097	87,578,648	111,205,169	118,543,060	116,611,536	113,532,741	112,863,765	112,201,176	112,299,524	111,986,535	111,930,402
12/31/2006	54,694,682	83,435,875	102,849,952	109,380,803	108,099,115	108,636,438	108,675,922	107,493,334	107,386,406	107,065,121	106,858,689
12/31/2007	59,259,588	87,564,655	114,016,672	122,378,944	121,159,603	121,578,936	120,768,684	120,920,199	120,315,802	119,716,797	119,974,464
12/31/2008	62,417,015	95,938,367	118,388,195	126,159,995	125,284,023	124,521,286	125,612,467	123,824,687	124,027,895	124,116,738	124,232,878
12/31/2009	63,320,796	95,106,293	119,186,091	128,401,806	128,277,442	126,649,374	124,827,796	125,133,676	124,952,651	125,502,510	125,452,049
12/31/2010	64,184,611	95,454,657	122,551,024	130,547,109	130,665,337	129,095,400	129,608,221	129,114,642	129,710,903	129,525,947	129,441,759
12/31/2011	72,568,964	105,707,682	132,301,169	142,526,672	140,494,830	140,129,051	138,719,312	138,663,030	138,514,710	138,283,471	
12/31/2012	55,409,914	86,025,471	110,289,057	114,463,518	116,122,211	117,028,946	117,554,617	117,631,507	117,788,558		
12/31/2013	56,681,439	88,454,731	110,191,796	121,550,076	125,088,505	124,485,048	123,327,357	123,024,234			
12/31/2014	60,536,464	95,184,371	125,534,492	135,493,089	137,755,944	137,205,261	137,322,317				
12/31/2015	52,388,803	86,088,961	114,677,156	123,773,398	126,562,401	126,343,499					
12/31/2016	52,458,297	86,390,834	114,317,451	125,424,277	128,041,974						
12/31/2017	56,108,790	90,839,379	117,825,570	128,711,171							
12/31/2018	56,323,911	95,463,096	123,434,098								
12/31/2019	56,948,170	90,372,462									
12/31/2020	47,790,341										

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

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

	Link Ratios										
A.Y.E.	<u>27:15</u>	<u>39:27</u>	<u>51:39</u>	<u>63:51</u>	<u>75:63</u>	<u>87:75</u>	<u>99:87</u>	<u>111:99</u>	<u>123:111</u>	<u>135:123</u>	<u>147:135</u>
12/31/2001	1.706	1.326	1.081	1.038	0.983	0.980	0.995	0.998	1.001	0.999	0.998
12/31/2002	1.640	1.303	1.165	0.983	0.981	0.989	0.995	1.002	0.999	1.001	1.001
12/31/2003	1.549	1.430	1.090	0.965	0.984	0.992	0.985	0.999	0.996	0.999	0.999
12/31/2004	1.657	1.276	1.043	0.968	0.983	0.991	0.994	1.002	1.000	1.001	1.001
12/31/2005	1.564	1.270	1.066	0.984	0.974	0.994	0.994	1.001	0.997	0.999	1.000
12/31/2006	1.525	1.233	1.063	0.988	1.005	1.000	0.989	0.999	0.997	0.998	0.999
12/31/2007	1.478	1.302	1.073	0.990	1.003	0.993	1.001	0.995	0.995	1.002	1.001
12/31/2008	1.537	1.234	1.066	0.993	0.994	1.009	0.986	1.002	1.001	1.001	1.000
12/31/2009	1.502	1.253	1.077	0.999	0.987	0.986	1.002	0.999	1.004	1.000	1.002
12/31/2010	1.487	1.284	1.065	1.001	0.988	1.004	0.996	1.005	0.999	0.999	
12/31/2011	1.457	1.252	1.077	0.986	0.997	0.990	1.000	0.999	0.998		
12/31/2012	1.553	1.282	1.038	1.014	1.008	1.004	1.001	1.001			
12/31/2013	1.561	1.246	1.103	1.029	0.995	0.991	0.998				
12/31/2014	1.572	1.319	1.079	1.017	0.996	1.001					
12/31/2015	1.643	1.332	1.079	1.023	0.998						
12/31/2016	1.647	1.323	1.097	1.021							
12/31/2017	1.619	1.297	1.092								
12/31/2018	1.695	1.293									
12/31/2019	1.587										
3 Yr Mean	1.634	1.304	1.089	1.020	0.996	0.999	1.000	1.002	1.000	1.000	1.001
Best 3/5	1.636	1.313	1.089	1.020	0.997	0.999	1.000	1.001	0.999	1.000	1.000
A.Y.E.	<u>159:147</u>	<u>171:159</u>	<u>183:171</u>	<u>195:183</u>	<u>207:195</u>	<u>219:207</u>	<u>231:219</u>	<u>243:231</u>			
12/31/2001	1.001	1.001	0.997	1.000	1.001	0.999	1.001	1.000			
12/31/2002	0.999	0.999	1.000	1.000	1.001	1.001	1.000	<b>1.000</b>			
12/31/2003	1.002	0.998	1.000	1.000	1.001	1.000	<b>1.000</b>	<b>1.000</b>			
12/31/2004	1.001	0.999	1.001	1.001	1.000	<b>1.001</b>	<b>1.000</b>	<b>1.000</b>			
12/31/2005	1.001	1.002	1.000	1.001	<b>1.000</b>	<b>1.001</b>	<b>1.000</b>	<b>1.000</b>			
12/31/2006	1.002	1.001	1.000								
12/31/2007	1.001	1.001									
12/31/2008	1.001										
3 Yr Mean	1.001	1.001	1.000	1.001	1.001	1.000	1.001	1.000			
Best 3/5	1.001	1.000	1.000	1.000	<b>1.001</b>	<b>1.001</b>	<b>1.000</b>	<b>1.000</b>			
A.Y.E.	<u>15/ 27</u>	<u>27/ 39</u>	<u>39/ 51</u>	<u>51/ 63</u>	Development From		<u>87/ 99</u>	<u>99/111</u>	<u>111/123</u>	<u>123/135</u>	<u>135/147</u>
12/31/2016					63/ 75	75/ 87	1.000	1.001	0.999	1.000	1.000
12/31/2017				1.020	0.997	0.999	1.000	1.001	0.999	1.000	1.000
12/31/2018			1.089	1.020	0.997	0.999	1.000	1.001	0.999	1.000	1.000
12/31/2019		1.313	1.089	1.020	0.997	0.999	1.000	1.001	0.999	1.000	1.000
12/31/2020	1.636	1.313	1.089	1.020	0.997	0.999	1.000	1.001	0.999	1.000	1.000
A.Y.E	<u>147/159</u>	<u>159/171</u>	<u>171/183</u>	<u>183/195</u>	<u>195/207</u>	<u>207/219</u>	<u>219/231</u>	<u>231/243</u>	<u>243/U1t</u>	FACTORS	
12/31/2016	1.001	1.000	1.000	1.000	1.001	1.001	1.000	1.000	<b>1.000</b>	0.999	
12/31/2017	1.001	1.000	1.000	1.000	1.001	1.001	1.000	1.000	<b>1.000</b>	1.019	
12/31/2018	1.001	1.000	1.000	1.000	1.001	1.001	1.000	1.000	<b>1.000</b>	1.110	
12/31/2019	1.001	1.000	1.000	1.000	1.001	1.001	1.000	1.000	<b>1.000</b>	1.457	
12/31/2020	1.001	1.000	1.000	1.000	1.001	1.001	1.000	1.000	<b>1.000</b>	2.384	

**Bold - Calculated Using Modified Bondy Method**

*Italics - Three year mean Excludes Modified Bondy ratios*

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

\$100,000 Basic Limit Losses as of :

<u>A.Y.E.</u>	<u>15 Months</u>	<u>27 Months</u>	<u>39 Months</u>	<u>51 Months</u>	<u>63 Months</u>	<u>75 Months</u>	<u>87 Months</u>	<u>99 Months</u>	<u>111 Months</u>	<u>123 Months</u>	<u>135 Months</u>
12/31/2001	5,631,194	10,552,148	15,435,083	14,339,016	15,590,551	16,180,841	15,819,617	15,242,813	15,530,611	15,585,035	15,567,410
12/31/2002	5,568,848	10,366,207	13,274,835	14,809,425	15,562,405	15,409,049	14,940,002	14,924,899	14,653,164	14,587,640	14,558,516
12/31/2003	6,582,574	10,069,982	14,269,418	16,000,134	14,884,701	14,071,155	13,945,114	13,788,984	13,838,804	13,813,489	14,163,454
12/31/2004	6,426,935	11,221,218	17,067,144	16,982,247	17,145,015	16,598,015	15,985,380	15,699,460	15,423,995	15,108,833	15,071,987
12/31/2005	8,314,969	13,390,152	17,871,655	18,756,424	19,119,810	18,288,611	18,057,792	17,694,505	17,571,642	17,611,913	17,704,171
12/31/2006	9,495,525	14,709,867	17,173,692	18,422,118	18,999,328	18,582,936	18,770,766	18,601,712	18,592,479	18,405,143	18,593,652
12/31/2007	8,974,057	12,810,745	17,333,398	18,153,607	18,807,442	18,461,705	18,479,624	18,827,727	18,797,084	18,915,763	18,829,095
12/31/2008	10,273,775	13,509,497	17,205,235	18,541,548	18,858,790	19,233,072	18,876,363	18,734,735	18,591,719	18,683,152	18,719,625
12/31/2009	9,981,890	14,394,493	16,722,087	18,280,477	18,704,228	19,432,394	19,423,980	19,389,924	19,588,892	19,650,321	19,691,776
12/31/2010	10,596,659	13,772,739	17,946,859	19,679,919	19,904,010	19,310,770	18,923,069	18,892,612	18,774,236	18,673,486	18,661,036
12/31/2011	10,013,406	13,922,084	18,439,230	20,160,820	20,274,763	20,380,943	20,312,300	20,255,971	20,288,701	20,296,688	
12/31/2012	6,207,733	14,494,147	18,716,501	18,980,658	19,367,962	19,583,528	19,416,088	19,618,669	19,430,416		
12/31/2013	9,140,411	15,282,911	17,791,671	21,159,329	22,186,988	21,996,965	22,090,532	22,057,266			
12/31/2014	10,210,463	14,455,967	20,797,707	24,631,125	25,658,509	25,393,844	25,379,307				
12/31/2015	9,791,676	16,318,699	22,552,261	25,449,228	25,694,235	25,340,331					
12/31/2016	9,097,941	15,112,407	20,531,029	22,628,080	24,266,328						
12/31/2017	11,014,959	19,362,497	26,527,729	28,357,023							
12/31/2018	8,890,791	16,844,513	22,896,886								
12/31/2019	9,614,933	15,027,222									
12/31/2020	7,769,576										

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

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

Link Ratios											
A.Y.E.	<u>27:15</u>	<u>39:27</u>	<u>51:39</u>	<u>63:51</u>	<u>75:63</u>	<u>87:75</u>	<u>99:87</u>	<u>111:99</u>	<u>123:111</u>	<u>135:123</u>	<u>147:135</u>
12/31/2001	1.874	1.463	0.929	1.087	1.038	0.978	0.964	1.019	1.004	0.999	0.998
12/31/2002	1.861	1.281	1.116	1.051	0.990	0.970	0.999	0.982	0.996	0.998	1.062
12/31/2003	1.530	1.417	1.121	0.930	0.945	0.991	0.989	1.004	0.998	1.025	0.997
12/31/2004	1.746	1.521	0.995	1.010	0.968	0.963	0.982	0.982	0.980	0.998	1.003
12/31/2005	1.610	1.335	1.050	1.019	0.957	0.987	0.980	0.993	1.002	1.005	1.012
12/31/2006	1.549	1.167	1.073	1.031	0.978	1.010	0.991	1.000	0.990	1.010	0.996
12/31/2007	1.428	1.353	1.047	1.036	0.982	1.001	1.019	0.998	1.006	0.995	0.996
12/31/2008	1.315	1.274	1.078	1.017	1.020	0.981	0.992	0.992	1.005	1.002	1.003
12/31/2009	1.442	1.162	1.093	1.023	1.039	1.000	0.998	1.010	1.003	1.002	1.000
12/31/2010	1.300	1.303	1.097	1.011	0.970	0.980	0.998	0.994	0.995	0.999	
12/31/2011	1.390	1.324	1.093	1.006	1.005	0.997	0.997	1.002	1.000		
12/31/2012	2.335	1.291	1.014	1.020	1.011	0.991	1.010	0.990			
12/31/2013	1.672	1.164	1.189	1.049	0.991	1.004	0.998				
12/31/2014	1.416	1.439	1.184	1.042	0.990	0.999					
12/31/2015	1.667	1.382	1.128	1.010	0.986						
12/31/2016	1.661	1.359	1.102	1.072							
12/31/2017	1.758	1.370	1.069								
12/31/2018	1.895	1.359									
12/31/2019	1.563										
3 Yr Mean	1.739	1.363	1.100	1.041	0.989	0.998	1.002	0.995	0.999	1.001	1.000
Best 3/5	1.695	1.370	1.138	1.037	0.995	0.996	0.998	0.996	1.003	1.001	1.000
A.Y.E.	<u>159:147</u>	<u>171:159</u>	<u>183:171</u>	<u>195:183</u>	<u>207:195</u>	<u>219:207</u>	<u>231:219</u>	<u>243:231</u>			
12/31/2001	1.023	1.000	1.000	1.000	1.001	1.000	1.001	1.000			
12/31/2002	0.997	0.999	1.000	1.004	1.000	1.000	1.000	<b>1.000</b>			
12/31/2003	1.000	0.995	1.000	1.000	1.000	1.000	<b>1.000</b>	<b>1.000</b>			
12/31/2004	0.997	1.002	1.000	1.000	1.000	<b>1.000</b>	<b>1.000</b>	<b>1.000</b>			
12/31/2005	0.998	1.004	1.000	1.000	<b>1.000</b>	<b>1.000</b>	<b>1.000</b>	<b>1.000</b>			
12/31/2006	1.016	1.000	1.000								
12/31/2007	1.000	1.000									
12/31/2008	0.997										
3 Yr Mean	1.004	1.001	1.000	1.000	1.000	1.000	1.001	1.000			
Best 3/5	0.998	1.001	1.000	1.000	<b>1.000</b>	<b>1.000</b>	<b>1.000</b>	<b>1.000</b>			
Development From											
A.Y.E.	<u>15/ 27</u>	<u>27/ 39</u>	<u>39/ 51</u>	<u>51/ 63</u>	<u>63/ 75</u>	<u>75/ 87</u>	<u>87/ 99</u>	<u>99/111</u>	<u>111/123</u>	<u>123/135</u>	<u>135/147</u>
12/31/2016					0.995	0.996	0.998	0.996	1.003	1.001	1.000
12/31/2017				1.037	0.995	0.996	0.998	0.996	1.003	1.001	1.000
12/31/2018			1.138	1.037	0.995	0.996	0.998	0.996	1.003	1.001	1.000
12/31/2019		1.370	1.138	1.037	0.995	0.996	0.998	0.996	1.003	1.001	1.000
12/31/2020	1.695	1.370	1.138	1.037	0.995	0.996	0.998	0.996	1.003	1.001	1.000
A.Y.E	<u>147/159</u>	<u>159/171</u>	<u>171/183</u>	<u>183/195</u>	<u>195/207</u>	<u>207/219</u>	<u>219/231</u>	<u>231/243</u>	<u>243/Ult</u>	<b>FACTORS</b>	
12/31/2016	0.998	1.001	1.000	1.000	1.000	1.000	1.000	1.000	<b>1.000</b>	0.988	
12/31/2017	0.998	1.001	1.000	1.000	1.000	1.000	1.000	1.000	<b>1.000</b>	1.025	
12/31/2018	0.998	1.001	1.000	1.000	1.000	1.000	1.000	1.000	<b>1.000</b>	1.166	
12/31/2019	0.998	1.001	1.000	1.000	1.000	1.000	1.000	1.000	<b>1.000</b>	1.597	
12/31/2020	0.998	1.001	1.000	1.000	1.000	1.000	1.000	1.000	<b>1.000</b>	2.708	

**Bold - Calculated Using Modified Bondy Method**

*Italics - Three year mean Excludes Modified Bondy ratios*

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

<u>A.Y.E.</u>	<u>15 Months</u>	<u>27 Months</u>	<u>39 Months</u>	<u>51 Months</u>	<u>63 Months</u>	<u>75 Months</u>	<u>87 Months</u>	<u>99 Months</u>	<u>111 Months</u>	<u>123 Months</u>	<u>135 Months</u>
12/31/2001	10,123,494	26,945,510	50,760,904	70,931,400	85,097,565	91,484,717	94,322,280	96,055,651	97,967,963	98,069,469	98,446,516
12/31/2002	9,000,528	24,187,609	41,626,390	60,519,129	69,627,220	75,562,387	78,284,702	78,217,324	79,373,846	80,200,977	80,153,469
12/31/2003	9,070,855	23,216,874	43,099,857	59,443,029	68,680,228	75,909,140	77,925,144	78,587,045	79,748,726	80,562,057	80,460,617
12/31/2004	7,368,506	20,116,726	37,972,344	51,805,078	60,661,857	66,101,209	67,413,265	68,103,071	69,599,426	70,148,418	70,086,992
12/31/2005	7,906,777	19,826,603	40,785,937	56,048,417	65,693,491	70,390,855	72,513,739	74,475,953	75,321,414	75,760,525	76,649,577
12/31/2006	7,442,314	21,234,259	40,186,961	54,148,667	63,294,169	66,849,306	71,824,509	74,241,759	74,872,291	76,442,779	76,631,167
12/31/2007	8,279,097	21,661,388	43,397,495	60,402,618	71,760,702	77,028,787	79,245,189	80,941,667	81,781,793	82,457,132	82,871,695
12/31/2008	8,378,780	24,621,910	45,004,587	64,976,214	77,709,745	83,828,187	87,865,593	88,638,192	89,463,779	89,703,081	89,711,056
12/31/2009	9,784,977	23,088,593	43,863,030	71,860,542	85,002,204	89,977,342	93,977,139	96,086,756	96,795,195	98,003,558	98,168,174
12/31/2010	8,594,586	27,605,978	53,354,712	71,066,266	84,324,350	89,480,934	93,645,715	94,953,350	94,746,487	94,952,695	95,292,887
12/31/2011	11,600,894	30,704,416	55,717,158	77,576,536	89,172,875	101,790,104	105,774,323	107,333,297	107,481,393	108,304,637	
12/31/2012	8,720,707	24,851,820	48,744,886	67,282,104	80,736,153	85,939,728	90,218,898	91,316,316	92,204,955		
12/31/2013	9,590,528	28,643,963	52,133,591	72,146,628	83,422,855	89,701,082	91,742,990	92,806,798			
12/31/2014	12,562,855	31,092,056	61,455,349	85,219,476	95,575,121	100,384,830	103,297,129				
12/31/2015	9,243,638	26,518,836	49,031,819	68,609,608	81,478,291	88,842,679					
12/31/2016	11,557,853	29,673,097	53,130,268	74,557,544	86,570,235						
12/31/2017	10,140,176	31,448,414	56,817,775	77,869,600							
12/31/2018	11,095,831	29,203,720	55,031,215								
12/31/2019	11,620,545	29,636,130									
12/31/2020	9,846,547										
	<u>147 Months</u>	<u>159 Months</u>	<u>171 Months</u>	<u>183 Months</u>	<u>195 Months</u>	<u>207 Months</u>	<u>219 Months</u>	<u>231 Months</u>	<u>243 Months</u>		
12/31/2001	98,740,753	98,914,062	98,988,769	98,646,465	98,674,525	98,853,320	99,044,232	99,179,251	99,231,801		
12/31/2002	80,567,422	80,927,232	81,206,798	81,348,712	81,494,488	81,746,328	81,725,261	81,734,205			
12/31/2003	80,947,662	81,023,187	81,025,884	80,731,014	80,753,536	80,772,757	80,824,889				
12/31/2004	70,148,413	70,192,725	70,223,921	70,209,069	70,231,673	70,242,095					
12/31/2005	76,656,590	77,675,513	78,011,452	78,042,046	78,238,801						
12/31/2006	77,186,568	76,870,474	76,950,110	76,941,771							
12/31/2007	83,060,768	82,875,200	82,965,036								
12/31/2008	90,412,936	90,756,150									
12/31/2009	98,590,207										

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

	Increments												
A.Y.E.	<u>27:15</u>	<u>39:27</u>	<u>51:39</u>	<u>63:51</u>	<u>75:63</u>	<u>87:75</u>	<u>99:87</u>	<u>111:99</u>	<u>123:111</u>	<u>135:123</u>	<u>147:135</u>	<u>159:147</u>	<u>171:159</u>
12/31/2001	16,822,016	23,815,394	20,170,496	14,166,165	6,387,152	2,837,563	1,733,371	1,912,312	101,506	377,047	294,237	173,309	74,707
12/31/2002	15,187,081	17,438,781	18,892,739	9,108,091	5,935,167	2,722,315	-67,378	1,156,522	827,131	-47,508	413,953	359,810	279,566
12/31/2003	14,146,019	19,882,983	16,343,172	9,237,199	7,228,912	2,016,004	661,901	1,161,681	813,331	-101,440	487,045	75,525	2,697
12/31/2004	12,748,220	17,855,618	13,832,734	8,856,779	5,439,352	1,312,056	689,806	1,496,355	548,992	-61,426	61,421	44,312	31,196
12/31/2005	11,919,826	20,959,334	15,262,480	9,645,074	4,697,364	2,122,884	1,962,214	845,461	439,111	889,052	7,013	1,018,923	335,939
12/31/2006	13,791,945	18,952,702	13,961,706	9,145,502	3,555,137	4,975,203	2,417,250	630,532	1,570,488	188,388	555,401	-316,094	79,636
12/31/2007	13,382,291	21,736,107	17,005,123	11,358,084	5,268,085	2,216,402	1,696,478	840,126	675,339	414,563	189,073	-185,568	89,836
12/31/2008	16,243,130	20,382,677	19,971,627	12,733,531	6,118,442	4,037,406	772,599	825,587	239,302	7,975	701,880	343,214	
12/31/2009	13,303,616	20,774,437	27,997,512	13,141,662	4,975,138	3,999,797	2,109,617	708,439	1,208,363	164,616	422,033		
12/31/2010	19,011,392	25,748,734	17,711,554	13,258,084	5,156,584	4,164,781	1,307,635	-206,863	206,208	340,192			
12/31/2011	19,103,522	25,012,742	21,859,378	11,596,339	12,617,229	3,984,219	1,558,974	148,096	823,244				
12/31/2012	16,131,113	23,893,066	18,537,218	13,454,049	5,203,575	4,279,170	1,097,418	888,639					
12/31/2013	19,053,435	23,489,628	20,013,037	11,276,227	6,278,227	2,041,908	1,063,808						
12/31/2014	18,529,201	30,363,293	23,764,127	10,355,645	4,809,709	2,912,299							
12/31/2015	17,275,198	22,512,983	19,577,789	12,868,683	7,364,388								
12/31/2016	18,115,244	23,457,171	21,427,276	12,012,691									
12/31/2017	21,308,238	25,369,361	21,051,825										
12/31/2018	18,107,889	25,827,495											
12/31/2019	18,015,585												

	Incremental Percentages													
A.Y.E.	<u>27:15</u>	<u>39:27</u>	<u>51:39</u>	<u>63:51</u>	<u>75:63</u>	<u>87:75</u>	<u>99:87</u>	<u>111:99</u>	<u>123:111</u>	<u>135:123</u>	<u>147:135</u>	<u>159:147</u>	<u>171:159</u>	
12/31/2001	0.0632	0.0894	0.0757	0.0532	0.0240	0.0107	0.0065	0.0072	0.0004	0.0014	0.0011	0.0007	0.0003	
12/31/2002	0.0670	0.0769	0.0833	0.0402	0.0262	0.0120	-0.0003	0.0051	0.0036	-0.0002	0.0018	0.0016	0.0012	
12/31/2003	0.0663	0.0932	0.0766	0.0433	0.0339	0.0094	0.0031	0.0054	0.0038	-0.0005	0.0023	0.0004	0.0000	
12/31/2004	0.0603	0.0845	0.0655	0.0419	0.0257	0.0062	0.0033	0.0071	0.0026	-0.0003	0.0003	0.0002	0.0001	
12/31/2005	0.0590	0.1038	0.0756	0.0477	0.0233	0.0105	0.0097	0.0042	0.0022	0.0044	0.0000	0.0050	0.0017	
12/31/2006	0.0642	0.0883	0.0650	0.0426	0.0166	0.0232	0.0113	0.0029	0.0073	0.0009	0.0026	-0.0015	0.0004	
12/31/2007	0.0561	0.0912	0.0713	0.0477	0.0221	0.0093	0.0071	0.0035	0.0028	0.0017	0.0008	-0.0008	0.0004	
12/31/2008	0.0668	0.0838	0.0821	0.0524	0.0252	0.0166	0.0032	0.0034	0.0010	0.0000	0.0029	0.0014		
12/31/2009	0.0552	0.0862	0.1161	0.0545	0.0206	0.0166	0.0087	0.0029	0.0050	0.0007	0.0018			
12/31/2010	0.0798	0.1081	0.0743	0.0556	0.0216	0.0175	0.0055	-0.0009	0.0009	0.0014				
12/31/2011	0.0693	0.0907	0.0793	0.0421	0.0458	0.0144	0.0057	0.0005	0.0030					
12/31/2012	0.0674	0.0998	0.0774	0.0562	0.0217	0.0179	0.0046	0.0037						
12/31/2013	0.0764	0.0942	0.0802	0.0452	0.0252	0.0082	0.0043							
12/31/2014	0.0668	0.1095	0.0857	0.0373	0.0173	0.0105								
12/31/2015	0.0685	0.0893	0.0776	0.0510	0.0292									
12/31/2016	0.0670	0.0867	0.0792	0.0444										
12/31/2017	0.0781	0.0929	0.0771											
12/31/2018	0.0642	0.0915												
12/31/2019	0.0640													

Best 3/5	0.0666	0.0912	0.0790	0.0469	0.0254	0.0141	0.0053	0.0023	0.0023	0.0010	0.0017	0.0003	0.0003
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Premises / Operations (Subline Code 334)  
Manufacturers and Contractors  
Full Coverage  
Multistate  
Property Damage - Occurrence  
Incurred Accident Year Basic Limits Loss Development Excluding ALAE

\$100,000 Basic Limit Losses as of :

<u>A.Y.E.</u>	<u>15 Months</u>	<u>27 Months</u>	<u>39 Months</u>	<u>51 Months</u>	<u>63 Months</u>	<u>75 Months</u>	<u>87 Months</u>	<u>99 Months</u>	<u>111 Months</u>	<u>123 Months</u>	<u>135 Months</u>
12/31/2001	96,383,460	108,278,577	117,665,180	119,817,577	120,476,238	121,201,433	121,293,261	121,492,537	122,449,901	122,471,333	122,846,415
12/31/2002	82,975,240	93,221,974	96,800,915	99,050,416	99,674,114	99,906,230	100,149,712	100,213,048	100,782,224	101,277,387	101,197,841
12/31/2003	74,540,116	82,481,009	87,335,335	89,600,439	90,713,119	91,561,562	91,651,369	91,656,557	91,738,283	91,993,967	92,278,184
12/31/2004	93,215,229	103,969,538	103,264,227	104,765,210	105,726,404	105,112,209	105,541,194	105,797,757	106,546,774	106,579,052	106,933,856
12/31/2005	89,590,437	97,287,101	98,856,993	100,829,140	102,030,853	102,516,901	102,159,004	102,758,877	102,840,903	104,125,962	104,144,277
12/31/2006	91,059,214	97,973,954	100,317,355	101,995,785	104,393,864	105,353,508	106,953,827	106,913,282	107,400,126	107,831,662	107,981,101
12/31/2007	96,533,821	105,961,578	109,221,312	111,111,845	112,070,293	113,837,420	113,374,948	114,396,636	114,894,197	114,728,556	115,145,705
12/31/2008	99,579,138	108,559,623	111,742,938	113,976,841	115,988,487	116,136,011	116,311,237	117,130,129	117,636,754	118,676,481	119,465,055
12/31/2009	93,147,426	101,600,617	105,079,367	107,204,981	107,669,933	108,257,334	109,093,209	109,984,086	110,624,523	110,876,809	111,103,260
12/31/2010	99,186,149	108,506,886	110,884,315	112,417,351	112,711,909	112,908,982	113,426,064	113,865,856	113,988,036	114,066,316	114,357,455
12/31/2011	111,443,816	119,165,964	123,194,624	123,019,853	123,714,771	124,361,190	125,531,282	126,130,451	126,468,686	126,655,343	
12/31/2012	103,527,831	111,238,491	114,528,765	116,683,976	117,821,019	119,411,094	120,401,000	120,830,980	121,316,657		
12/31/2013	97,653,114	107,229,952	111,695,836	113,680,099	114,375,826	114,890,085	115,818,415	116,757,920			
12/31/2014	97,798,050	108,918,991	113,830,736	118,994,307	120,394,338	121,580,267	122,738,487				
12/31/2015	99,318,679	111,768,341	119,120,081	122,698,958	123,554,611	125,373,313					
12/31/2016	101,148,429	114,782,672	120,575,599	122,678,494	125,039,032						
12/31/2017	107,412,424	121,860,679	128,623,064	130,421,047							
12/31/2018	111,444,459	126,957,071	133,894,340								
12/31/2019	111,177,354	125,006,434									
12/31/2020	97,897,728										

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



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

Link Ratios											
A.Y.E.	<u>27:15</u>	<u>39:27</u>	<u>51:39</u>	<u>63:51</u>	<u>75:63</u>	<u>87:75</u>	<u>99:87</u>	<u>111:99</u>	<u>123:111</u>	<u>135:123</u>	<u>147:135</u>
12/31/2001	1.123	1.087	1.018	1.005	1.006	1.001	1.002	1.008	1.000	1.003	0.999
12/31/2002	1.123	1.038	1.023	1.006	1.002	1.002	1.001	1.006	1.005	0.999	1.001
12/31/2003	1.107	1.059	1.026	1.012	1.009	1.001	1.000	1.001	1.003	1.003	1.004
12/31/2004	1.115	0.993	1.015	1.009	0.994	1.004	1.002	1.007	1.000	1.003	1.000
12/31/2005	1.086	1.016	1.020	1.012	1.005	0.997	1.006	1.001	1.012	1.000	0.995
12/31/2006	1.076	1.024	1.017	1.024	1.009	1.015	1.000	1.005	1.004	1.001	1.005
12/31/2007	1.098	1.031	1.017	1.009	1.016	0.996	1.009	1.004	0.999	1.004	1.001
12/31/2008	1.090	1.029	1.020	1.018	1.001	1.002	1.007	1.004	1.009	1.007	1.003
12/31/2009	1.091	1.034	1.020	1.004	1.005	1.008	1.008	1.006	1.002	1.002	1.002
12/31/2010	1.094	1.022	1.014	1.003	1.002	1.005	1.004	1.001	1.001	1.003	
12/31/2011	1.069	1.034	0.999	1.006	1.005	1.009	1.005	1.003	1.001		
12/31/2012	1.074	1.030	1.019	1.010	1.013	1.008	1.004	1.004			
12/31/2013	1.098	1.042	1.018	1.006	1.004	1.008	1.008				
12/31/2014	1.114	1.045	1.045	1.012	1.010	1.010					
12/31/2015	1.125	1.066	1.030	1.007	1.015						
12/31/2016	1.135	1.050	1.017	1.019							
12/31/2017	1.135	1.055	1.014								
12/31/2018	1.139	1.055									
12/31/2019	1.124										
3 Yr Mean	1.133	1.053	1.020	1.013	1.010	1.009	1.006	1.003	1.001	1.004	1.002
Best 3/5	1.132	1.053	1.022	1.010	1.009	1.008	1.006	1.004	1.001	1.003	1.002
	<u>159:147</u>	<u>171:159</u>	<u>183:171</u>	<u>195:183</u>	<u>207:195</u>	<u>219:207</u>	<u>231:219</u>	<u>243:231</u>			
12/31/2001	1.001	1.003	1.003	1.001	1.002	1.001	1.001	1.001			
12/31/2002	1.003	1.004	0.998	1.000	1.002	1.001	1.000	<b>1.001</b>			
12/31/2003	0.999	1.002	1.004	1.003	1.001	1.001	<b>1.001</b>	<b>1.001</b>			
12/31/2004	1.001	1.002	1.000	1.000	1.001	<b>1.001</b>	<b>1.001</b>	<b>1.001</b>			
12/31/2005	1.006	1.000	1.000	1.000	<b>1.000</b>	<b>1.001</b>	<b>1.001</b>	<b>1.001</b>			
12/31/2006	1.003	1.000	1.001								
12/31/2007	1.001	1.000									
12/31/2008	0.999										
3 Yr Mean	1.001	1.000	1.000	1.001	1.001	1.001	1.001	1.001			
Best 3/5	1.002	1.001	1.000	1.000	<b>1.001</b>	<b>1.001</b>	<b>1.001</b>	<b>1.001</b>			
Development From											
A.Y.E.	<u>15/ 27</u>	<u>27/ 39</u>	<u>39/ 51</u>	<u>51/ 63</u>	<u>63/ 75</u>	<u>75/ 87</u>	<u>87/ 99</u>	<u>99/111</u>	<u>111/123</u>	<u>123/135</u>	<u>135/147</u>
12/31/2016					1.009	1.008	1.006	1.004	1.001	1.003	1.002
12/31/2017				1.010	1.009	1.008	1.006	1.004	1.001	1.003	1.002
12/31/2018			1.022	1.010	1.009	1.008	1.006	1.004	1.001	1.003	1.002
12/31/2019		1.053	1.022	1.010	1.009	1.008	1.006	1.004	1.001	1.003	1.002
12/31/2020	1.132	1.053	1.022	1.010	1.009	1.008	1.006	1.004	1.001	1.003	1.002
A.Y.E	<u>147/159</u>	<u>159/171</u>	<u>171/183</u>	<u>183/195</u>	<u>195/207</u>	<u>207/219</u>	<u>219/231</u>	<u>231/243</u>	<u>243/U1t</u>	FACTORS	
12/31/2016	1.002	1.001	1.000	1.000	1.001	1.001	1.001	1.001	<b>1.003</b>	1.044	
12/31/2017	1.002	1.001	1.000	1.000	1.001	1.001	1.001	1.001	<b>1.003</b>	1.054	
12/31/2018	1.002	1.001	1.000	1.000	1.001	1.001	1.001	1.001	<b>1.003</b>	1.077	
12/31/2019	1.002	1.001	1.000	1.000	1.001	1.001	1.001	1.001	<b>1.003</b>	1.135	
12/31/2020	1.002	1.001	1.000	1.000	1.001	1.001	1.001	1.001	<b>1.003</b>	1.284	

**Bold - Calculated Using Modified Bondy Method**

*Italics - Three year mean Excludes Modified Bondy ratios*

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

\$100,000 Basic Limit Losses as of :

<u>A.Y.E.</u>	<u>15 Months</u>	<u>27 Months</u>	<u>39 Months</u>	<u>51 Months</u>	<u>63 Months</u>	<u>75 Months</u>	<u>87 Months</u>	<u>99 Months</u>	<u>111 Months</u>	<u>123 Months</u>	<u>135 Months</u>
12/31/2001	19,873,916	22,729,568	24,476,833	25,357,299	25,540,178	26,435,951	27,051,660	27,767,974	28,011,457	27,976,718	27,971,540
12/31/2002	17,609,940	20,606,064	20,188,456	20,884,627	21,375,794	21,934,938	22,033,468	22,462,150	22,501,260	22,637,143	22,638,837
12/31/2003	18,486,845	19,763,726	20,856,968	21,982,233	22,387,503	23,310,007	23,544,553	23,344,309	23,320,506	23,441,333	23,320,468
12/31/2004	18,244,387	21,896,068	23,307,875	23,981,665	24,383,684	24,207,969	24,191,011	24,660,249	24,748,968	25,058,409	25,266,557
12/31/2005	19,388,795	22,852,629	23,768,211	24,161,732	23,888,128	23,890,289	23,961,153	24,300,397	24,283,860	24,631,045	24,620,335
12/31/2006	24,029,089	25,980,444	26,053,957	26,662,245	26,218,106	26,431,380	26,558,638	26,790,627	26,982,732	27,189,507	27,151,508
12/31/2007	23,609,070	26,986,262	28,588,238	28,744,013	28,292,290	28,784,094	28,753,918	28,807,835	29,115,915	29,316,039	29,385,908
12/31/2008	26,049,699	28,012,023	29,315,734	29,072,815	29,585,965	29,466,490	29,319,867	29,433,768	29,770,634	29,953,292	30,011,329
12/31/2009	23,992,760	24,296,638	25,420,254	25,561,285	25,572,255	25,745,422	25,535,707	25,952,071	26,040,398	26,057,817	26,114,994
12/31/2010	21,748,966	22,808,441	23,847,611	24,306,305	24,187,717	24,660,267	24,839,092	25,114,314	25,191,055	25,156,902	25,272,339
12/31/2011	20,826,069	22,709,969	22,995,738	22,896,027	23,090,580	23,270,543	23,575,291	23,737,113	23,707,949	23,758,443	
12/31/2012	20,579,096	22,746,112	24,123,556	24,265,145	24,310,130	24,395,879	24,518,258	24,519,005	24,638,701		
12/31/2013	19,516,451	20,075,108	21,011,886	20,739,950	20,798,087	20,558,918	20,692,994	20,846,332			
12/31/2014	23,565,443	26,141,141	26,597,342	27,332,194	27,566,898	27,754,743	27,712,651				
12/31/2015	22,998,574	25,878,144	27,021,474	27,433,764	27,453,837	27,855,421					
12/31/2016	22,121,447	25,821,017	26,754,329	26,537,343	27,436,864						
12/31/2017	22,182,210	25,875,335	26,879,730	27,963,583							
12/31/2018	25,009,013	27,716,976	31,721,093								
12/31/2019	21,668,901	24,717,541									
12/31/2020	15,569,010										

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

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

Link Ratios											
A.Y.E.	<u>27:15</u>	<u>39:27</u>	<u>51:39</u>	<u>63:51</u>	<u>75:63</u>	<u>87:75</u>	<u>99:87</u>	<u>111:99</u>	<u>123:111</u>	<u>135:123</u>	<u>147:135</u>
12/31/2001	1.144	1.077	1.036	1.007	1.035	1.023	1.026	1.009	0.999	1.000	1.000
12/31/2002	1.170	0.980	1.034	1.024	1.026	1.004	1.019	1.002	1.006	1.000	1.009
12/31/2003	1.069	1.055	1.054	1.018	1.041	1.010	0.991	0.999	1.005	0.995	1.001
12/31/2004	1.200	1.064	1.029	1.017	0.993	0.999	1.019	1.004	1.013	1.008	0.995
12/31/2005	1.179	1.040	1.017	0.989	1.000	1.003	1.014	0.999	1.014	1.000	1.003
12/31/2006	1.081	1.003	1.023	0.983	1.008	1.005	1.009	1.007	1.008	0.999	1.008
12/31/2007	1.143	1.059	1.005	0.984	1.017	0.999	1.002	1.011	1.007	1.002	1.002
12/31/2008	1.075	1.047	0.992	1.018	0.996	0.995	1.004	1.011	1.006	1.002	0.999
12/31/2009	1.013	1.046	1.006	1.000	1.007	0.992	1.016	1.003	1.001	1.002	1.004
12/31/2010	1.049	1.046	1.019	0.995	1.020	1.007	1.011	1.003	0.999	1.005	
12/31/2011	1.090	1.013	0.996	1.008	1.008	1.013	1.007	0.999	1.002		
12/31/2012	1.105	1.061	1.006	1.002	1.004	1.005	1.000	1.005			
12/31/2013	1.029	1.047	0.987	1.003	0.989	1.007	1.007				
12/31/2014	1.109	1.017	1.028	1.009	1.007	0.998					
12/31/2015	1.125	1.044	1.015	1.001	1.015						
12/31/2016	1.167	1.036	0.992	1.034							
12/31/2017	1.166	1.039	1.040								
12/31/2018	1.108	1.144									
12/31/2019	1.141										
3 Yr Mean	1.138	1.073	1.016	1.015	1.004	1.003	1.005	1.002	1.001	1.003	1.002
Best 3/5	1.144	1.040	1.012	1.005	1.006	1.006	1.008	1.004	1.003	1.002	1.003
A.Y.E.	<u>159:147</u>	<u>171:159</u>	<u>183:171</u>	<u>195:183</u>	<u>207:195</u>	<u>219:207</u>	<u>231:219</u>	<u>243:231</u>			
12/31/2001	1.010	0.996	0.996	1.000	1.001	1.000	1.000	1.001			
12/31/2002	1.001	0.994	0.999	0.999	0.993	0.999	1.000	<b>1.000</b>			
12/31/2003	0.997	1.003	1.000	1.003	1.000	1.000	<b>1.000</b>	<b>1.000</b>			
12/31/2004	1.001	1.004	1.001	0.999	1.001	<b>1.000</b>	<b>1.000</b>	<b>1.000</b>			
12/31/2005	1.000	0.999	0.996	1.000	<b>1.000</b>	<b>1.000</b>	<b>1.000</b>	<b>1.000</b>			
12/31/2006	0.999	1.003	1.003								
12/31/2007	1.002	0.999									
12/31/2008	1.002										
3 Yr Mean	1.001	1.000	1.000	1.001	0.998	1.000	1.000	1.001			
Best 3/5	1.001	1.002	1.000	1.000	<b>1.000</b>	<b>1.000</b>	<b>1.000</b>	<b>1.000</b>			
Development From											
A.Y.E.	<u>15/ 27</u>	<u>27/ 39</u>	<u>39/ 51</u>	<u>51/ 63</u>	<u>63/ 75</u>	<u>75/ 87</u>	<u>87/ 99</u>	<u>99/111</u>	<u>111/123</u>	<u>123/135</u>	<u>135/147</u>
12/31/2016					1.006	1.006	1.008	1.004	1.003	1.002	1.003
12/31/2017				1.005	1.006	1.006	1.008	1.004	1.003	1.002	1.003
12/31/2018			1.012	1.005	1.006	1.006	1.008	1.004	1.003	1.002	1.003
12/31/2019		1.040	1.012	1.005	1.006	1.006	1.008	1.004	1.003	1.002	1.003
12/31/2020	1.144	1.040	1.012	1.005	1.006	1.006	1.008	1.004	1.003	1.002	1.003
A.Y.E	<u>147/159</u>	<u>159/171</u>	<u>171/183</u>	<u>183/195</u>	<u>195/207</u>	<u>207/219</u>	<u>219/231</u>	<u>231/243</u>	<u>243/U1t</u>	FACTORS	
12/31/2016	1.001	1.002	1.000	1.000	1.000	1.000	1.000	1.000	<b>1.000</b>	1.036	
12/31/2017	1.001	1.002	1.000	1.000	1.000	1.000	1.000	1.000	<b>1.000</b>	1.041	
12/31/2018	1.001	1.002	1.000	1.000	1.000	1.000	1.000	1.000	<b>1.000</b>	1.053	
12/31/2019	1.001	1.002	1.000	1.000	1.000	1.000	1.000	1.000	<b>1.000</b>	1.095	
12/31/2020	1.001	1.002	1.000	1.000	1.000	1.000	1.000	1.000	<b>1.000</b>	1.253	

**Bold - Calculated Using Modified Bondy Method**

*Italics - Three year mean Excludes Modified Bondy ratios*

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

<u>A.Y.E.</u>	<u>15 Months</u>	<u>27 Months</u>	<u>39 Months</u>	<u>51 Months</u>	<u>63 Months</u>	<u>75 Months</u>	<u>87 Months</u>	<u>99 Months</u>	<u>111 Months</u>	<u>123 Months</u>	<u>135 Months</u>
12/31/2001	8,046,876	14,402,501	23,978,397	30,979,347	37,333,683	42,522,510	47,094,052	49,040,384	50,817,598	52,010,031	53,035,596
12/31/2002	7,104,162	12,983,346	19,051,363	26,378,141	31,324,796	35,328,786	38,254,185	40,850,441	41,086,352	41,856,633	42,467,789
12/31/2003	7,498,458	11,404,224	18,263,306	25,028,619	27,625,351	30,052,780	30,879,855	31,971,865	33,064,005	34,149,780	35,297,918
12/31/2004	8,211,329	14,881,169	21,144,882	27,872,964	33,897,864	35,612,057	37,778,968	39,151,400	40,479,938	41,218,052	41,841,081
12/31/2005	6,901,201	12,732,444	19,645,813	25,303,538	30,335,584	34,189,709	36,800,779	38,721,861	39,495,133	40,733,264	41,841,444
12/31/2006	6,777,793	12,364,210	19,567,402	25,431,363	31,020,436	35,313,489	37,852,904	39,568,879	40,747,101	41,636,352	43,160,075
12/31/2007	7,108,964	12,775,813	21,249,674	27,692,837	31,885,403	36,692,308	39,066,619	41,567,180	43,944,174	45,834,616	45,670,518
12/31/2008	7,226,552	14,091,832	20,894,291	28,696,066	31,666,609	35,055,245	36,031,350	37,458,418	38,592,433	40,235,379	41,167,243
12/31/2009	7,898,611	14,250,617	21,350,698	31,016,147	34,587,979	36,120,422	37,998,461	40,665,083	40,764,948	41,977,279	42,331,569
12/31/2010	9,687,471	19,282,197	22,133,335	27,371,430	31,053,778	34,364,742	36,339,018	38,408,588	39,246,308	40,221,781	40,492,096
12/31/2011	8,908,252	15,148,947	22,724,729	28,346,894	29,742,843	31,774,788	33,531,583	34,860,725	35,991,074	36,898,852	
12/31/2012	10,071,564	16,409,574	23,790,485	32,621,311	41,181,392	42,733,790	43,800,496	45,733,186	46,790,731		
12/31/2013	10,423,352	17,878,667	26,993,201	34,003,581	36,808,796	38,717,337	40,940,805	42,111,642			
12/31/2014	8,605,720	17,045,284	24,103,095	33,368,731	37,656,060	41,401,059	44,151,287				
12/31/2015	10,727,355	18,119,216	65,185,123	73,914,850	80,651,341	85,741,920					
12/31/2016	13,918,677	20,165,794	27,879,080	34,242,963	39,725,264						
12/31/2017	11,015,111	17,873,983	25,775,969	32,618,968							
12/31/2018	10,754,440	19,267,013	29,186,614								
12/31/2019	11,892,793	22,712,069									
12/31/2020	8,999,213										
	<u>147 Months</u>	<u>159 Months</u>	<u>171 Months</u>	<u>183 Months</u>	<u>195 Months</u>	<u>207 Months</u>	<u>219 Months</u>	<u>231 Months</u>	<u>243 Months</u>		
12/31/2001	53,405,343	53,181,744	53,162,092	53,713,327	54,814,893	54,528,219	54,646,435	55,892,437	57,307,830		
12/31/2002	42,926,719	42,978,521	44,074,760	44,024,244	44,083,548	44,951,687	45,160,412	45,593,420			
12/31/2003	36,325,449	36,961,684	37,186,149	38,073,075	38,327,147	38,697,304	38,790,754				
12/31/2004	42,299,936	42,918,497	44,691,525	45,102,947	45,568,247	46,070,864					
12/31/2005	41,704,825	43,168,599	43,256,578	43,332,972	43,535,997						
12/31/2006	44,026,232	44,780,619	45,270,519	45,737,252							
12/31/2007	46,358,616	46,884,285	46,788,405								
12/31/2008	41,619,843	41,846,374									
12/31/2009	43,299,882										

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

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

	Incremental Percentages												
A.Y.E.	<u>27:15</u>	<u>39:27</u>	<u>51:39</u>	<u>63:51</u>	<u>75:63</u>	<u>87:75</u>	<u>99:87</u>	<u>111:99</u>	<u>123:111</u>	<u>135:123</u>	<u>147:135</u>	<u>159:147</u>	<u>171:159</u>
12/31/2001	0.0387	0.0583	0.0426	0.0387	0.0316	0.0278	0.0119	0.0108	0.0073	0.0062	0.0023	-0.0014	-0.0001
12/31/2002	0.0439	0.0453	0.0547	0.0369	0.0299	0.0219	0.0194	0.0018	0.0058	0.0046	0.0034	0.0004	0.0082
12/31/2003	0.0321	0.0563	0.0555	0.0213	0.0199	0.0068	0.0090	0.0090	0.0089	0.0094	0.0084	0.0052	0.0018
12/31/2004	0.0463	0.0435	0.0467	0.0419	0.0119	0.0151	0.0095	0.0092	0.0051	0.0043	0.0032	0.0043	0.0123
12/31/2005	0.0436	0.0517	0.0423	0.0376	0.0288	0.0195	0.0144	0.0058	0.0093	0.0083	-0.0010	0.0109	0.0007
12/31/2006	0.0395	0.0510	0.0415	0.0396	0.0304	0.0180	0.0121	0.0083	0.0063	0.0108	0.0061	0.0053	0.0035
12/31/2007	0.0377	0.0563	0.0428	0.0279	0.0319	0.0158	0.0166	0.0158	0.0126	-0.0011	0.0046	0.0035	-0.0006
12/31/2008	0.0441	0.0437	0.0501	0.0191	0.0217	0.0063	0.0092	0.0073	0.0105	0.0060	0.0029	0.0015	
12/31/2009	0.0431	0.0482	0.0656	0.0242	0.0104	0.0127	0.0181	0.0007	0.0082	0.0024	0.0066		
12/31/2010	0.0614	0.0182	0.0335	0.0236	0.0212	0.0126	0.0132	0.0054	0.0062	0.0017			
12/31/2011	0.0381	0.0463	0.0344	0.0085	0.0124	0.0107	0.0081	0.0069	0.0055				
12/31/2012	0.0377	0.0439	0.0525	0.0509	0.0092	0.0063	0.0115	0.0063					
12/31/2013	0.0467	0.0571	0.0439	0.0176	0.0119	0.0139	0.0073						
12/31/2014	0.0490	0.0410	0.0538	0.0249	0.0218	0.0160							
12/31/2015	0.0415	0.2644	0.0490	0.0378	0.0286								
12/31/2016	0.0345	0.0427	0.0352	0.0303									
12/31/2017	0.0357	0.0411	0.0356										
12/31/2018	0.0417	0.0486											
12/31/2019	0.0539												

Best 3/5	0.0396	0.0441	0.0428	0.0310	0.0154	0.0124	0.0109	0.0062	0.0083	0.0034	0.0045	0.0044	0.0020
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Premises / Operations (Subline Code 334)  
Manufacturers and Contractors  
Full Coverage  
Multistate  
Fringe Coverage - Occurrence  
Incurred Accident Year Basic Limits Loss Development Excluding ALAE

\$100,000 Basic Limit Losses as of :

<u>A.Y.E.</u>	<u>15 Months</u>	<u>27 Months</u>	<u>39 Months</u>	<u>51 Months</u>	<u>63 Months</u>	<u>75 Months</u>	<u>87 Months</u>	<u>99 Months</u>	<u>111 Months</u>	<u>123 Months</u>	<u>135 Months</u>
12/31/2001	12,791,626	17,623,529	19,573,335	19,859,043	20,091,663	20,580,782	20,743,487	20,454,296	20,647,946	20,842,169	20,515,393
12/31/2002	14,001,966	17,413,736	18,579,965	19,950,828	19,512,240	19,872,829	19,933,420	19,847,503	20,024,713	19,692,694	19,549,092
12/31/2003	11,875,353	13,365,299	16,939,097	18,334,081	19,451,873	17,981,724	17,367,720	17,559,968	17,336,415	17,491,570	17,638,526
12/31/2004	15,786,387	23,354,454	25,160,855	26,599,273	26,213,012	25,896,104	25,494,936	25,920,754	25,943,465	25,851,930	25,710,705
12/31/2005	18,565,917	23,100,846	26,355,838	26,310,115	24,968,273	25,167,025	25,593,220	25,624,196	25,566,582	25,314,314	25,322,598
12/31/2006	17,629,387	21,903,540	23,267,176	24,357,377	23,667,766	23,402,957	23,408,038	23,678,509	23,652,551	23,640,189	23,593,993
12/31/2007	16,927,677	21,320,255	21,783,028	21,974,009	21,617,975	21,643,435	21,803,211	21,507,973	21,320,996	21,321,171	21,333,355
12/31/2008	15,173,497	17,181,985	19,346,849	20,342,198	19,949,158	20,277,330	19,843,411	19,562,381	19,532,433	19,470,517	19,443,177
12/31/2009	13,982,307	16,518,908	17,381,202	17,481,055	17,887,197	17,358,739	17,379,915	17,209,449	17,284,444	17,278,381	17,284,186
12/31/2010	13,277,117	15,164,714	15,729,148	16,062,289	15,165,307	15,471,322	15,503,949	15,381,103	15,486,485	15,492,432	15,545,818
12/31/2011	9,005,218	10,697,952	10,972,914	10,705,351	11,425,489	11,321,539	11,344,862	11,290,399	11,295,259	11,290,041	
12/31/2012	5,530,613	7,560,632	7,743,692	8,279,201	8,226,147	8,442,040	8,382,222	8,716,200	8,711,388		
12/31/2013	5,767,969	7,563,531	8,231,034	8,968,476	9,290,894	9,228,103	9,143,889	9,218,751			
12/31/2014	6,616,929	8,845,247	9,986,217	10,438,347	10,186,343	10,288,028	10,140,088				
12/31/2015	7,113,003	8,936,939	10,529,859	10,808,050	11,004,547	10,973,802					
12/31/2016	5,668,280	7,827,110	8,131,421	9,052,079	9,201,069						
12/31/2017	6,724,855	9,195,964	10,435,662	11,308,751							
12/31/2018	6,315,336	7,801,633	9,038,154								
12/31/2019	4,965,440	5,510,926									
12/31/2020	4,760,257										

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

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

Link Ratios											
A.Y.E.	27:15	39:27	51:39	63:51	75:63	87:75	99:87	111:99	123:111	135:123	147:135
12/31/2001	1.378	1.111	1.015	1.012	1.024	1.008	0.986	1.009	1.009	0.984	1.014
12/31/2002	1.244	1.067	1.074	0.978	1.018	1.003	0.996	1.009	0.983	0.993	1.005
12/31/2003	1.125	1.267	1.082	1.061	0.924	0.966	1.011	0.987	1.009	1.008	0.983
12/31/2004	1.479	1.077	1.057	0.985	0.988	0.985	1.017	1.001	0.996	0.995	1.006
12/31/2005	1.244	1.141	0.998	0.949	1.008	1.017	1.001	0.998	0.990	1.000	0.993
12/31/2006	1.242	1.062	1.047	0.972	0.989	1.000	1.012	0.999	0.999	0.998	0.995
12/31/2007	1.259	1.022	1.009	0.984	1.001	1.007	0.986	0.991	1.000	1.001	1.006
12/31/2008	1.132	1.126	1.051	0.981	1.016	0.979	0.986	0.998	0.997	0.999	0.999
12/31/2009	1.181	1.052	1.006	1.023	0.970	1.001	0.990	1.004	1.000	1.000	1.002
12/31/2010	1.142	1.037	1.021	0.944	1.020	1.002	0.992	1.007	1.000	1.003	
12/31/2011	1.188	1.026	0.976	1.067	0.991	1.002	0.995	1.000	1.000		
12/31/2012	1.367	1.024	1.069	0.994	1.026	0.993	1.040	0.999			
12/31/2013	1.311	1.088	1.090	1.036	0.993	0.991	1.008				
12/31/2014	1.337	1.129	1.045	0.976	1.010	0.986					
12/31/2015	1.256	1.178	1.026	1.018	0.997						
12/31/2016	1.381	1.039	1.113	1.016							
12/31/2017	1.367	1.135	1.084								
12/31/2018	1.235	1.158									
12/31/2019	1.110										
3 Yr Mean	1.237	1.111	1.074	1.003	1.000	0.990	1.014	1.002	1.000	1.001	1.002
Best 3/5	1.286	1.141	1.073	1.009	1.000	0.995	0.998	1.001	1.000	1.000	0.999
	159:147	171:159	183:171	195:183	207:195	219:207	231:219	243:231			
12/31/2001	1.005	0.995	0.996	0.995	1.000	1.000	1.010	1.000			
12/31/2002	0.993	1.002	0.999	1.000	1.000	1.011	1.000	1.000			
12/31/2003	1.006	1.001	1.000	1.006	1.016	1.000	1.000	1.000			
12/31/2004	0.996	1.000	1.000	1.000	1.000	1.000	1.000	1.000			
12/31/2005	0.998	1.000	1.000	1.000	1.000	1.000	1.000	1.000			
12/31/2006	1.000	1.000	1.000								
12/31/2007	0.999	1.000									
12/31/2008	1.000										
3 Yr Mean	1.000	1.000	1.000	1.002	1.005	1.004	1.005	1.000			
Best 3/5	0.999	1.000	1.000	1.000	1.000	1.000	1.000	1.000			
Development From											
A.Y.E.	15/ 27	27/ 39	39/ 51	51/ 63	63/ 75	75/ 87	87/ 99	99/111	111/123	123/135	135/147
12/31/2016					1.000	0.995	0.998	1.001	1.000	1.000	0.999
12/31/2017				1.009	1.000	0.995	0.998	1.001	1.000	1.000	0.999
12/31/2018			1.073	1.009	1.000	0.995	0.998	1.001	1.000	1.000	0.999
12/31/2019		1.141	1.073	1.009	1.000	0.995	0.998	1.001	1.000	1.000	0.999
12/31/2020	1.286	1.141	1.073	1.009	1.000	0.995	0.998	1.001	1.000	1.000	0.999
A.Y.E	147/159	159/171	171/183	183/195	195/207	207/219	219/231	231/243	243/U1t	FACTORS	
12/31/2016	0.999	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	0.992
12/31/2017	0.999	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.001
12/31/2018	0.999	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.074
12/31/2019	0.999	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.225
12/31/2020	0.999	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.576

**Bold - Calculated Using Modified Bondy Method**

*Italics - Three year mean Excludes Modified Bondy ratios*

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

<u>A.Y.E.</u>	<u>15 Months</u>	<u>27 Months</u>	<u>39 Months</u>	<u>51 Months</u>	<u>63 Months</u>	<u>75 Months</u>	<u>87 Months</u>	<u>99 Months</u>	<u>111 Months</u>	<u>123 Months</u>	<u>135 Months</u>
12/31/2001	4,073,787	8,280,061	12,384,801	14,371,354	15,624,697	15,987,603	16,977,903	17,324,189	17,788,642	17,997,004	17,880,996
12/31/2002	3,659,421	6,659,517	8,933,159	12,089,945	13,950,666	14,274,823	15,166,548	15,627,383	15,697,453	15,665,644	15,738,692
12/31/2003	4,544,161	5,147,065	8,105,350	10,096,884	12,879,915	15,668,210	15,694,973	16,351,081	17,232,740	17,616,909	17,832,362
12/31/2004	3,529,068	7,644,748	13,400,236	19,316,920	27,603,342	30,562,451	27,305,302	27,588,788	27,811,518	29,104,570	29,138,743
12/31/2005	4,935,067	7,743,733	12,610,381	15,977,243	19,786,852	21,043,229	20,878,326	21,405,515	22,978,715	23,311,759	23,428,348
12/31/2006	2,908,587	7,294,716	11,680,755	14,439,680	16,534,815	18,315,673	19,309,963	20,098,851	19,975,304	19,956,820	20,021,804
12/31/2007	4,347,614	7,156,470	12,165,252	14,584,439	15,642,321	16,746,819	17,245,502	17,317,676	17,320,441	17,298,201	16,947,524
12/31/2008	3,929,768	8,622,677	10,722,709	15,118,128	17,808,944	19,334,901	20,645,800	21,303,835	21,800,225	21,812,201	21,831,669
12/31/2009	7,008,752	7,923,453	13,720,323	16,784,342	18,889,549	19,666,451	20,015,813	20,732,732	21,604,238	21,986,497	21,987,978
12/31/2010	4,079,550	6,850,482	10,239,259	13,015,163	14,090,276	14,933,459	15,664,241	15,323,716	15,346,255	15,369,221	15,393,109
12/31/2011	1,711,443	4,196,024	11,116,783	13,691,769	16,136,850	17,408,956	18,910,899	19,279,105	19,439,645	19,356,329	
12/31/2012	1,412,572	3,383,193	8,690,181	10,972,030	10,836,431	12,053,142	12,085,653	12,019,920	11,608,269		
12/31/2013	2,464,374	6,612,343	9,001,472	11,257,242	15,297,013	15,659,411	16,410,159	18,820,703			
12/31/2014	1,388,954	3,738,299	7,666,880	12,164,987	13,731,447	14,141,609	14,478,580				
12/31/2015	1,005,266	4,688,918	8,094,202	9,463,905	10,256,015	10,998,472					
12/31/2016	2,820,903	5,360,780	8,316,998	9,960,461	10,754,902						
12/31/2017	2,061,228	6,372,281	9,321,096	11,929,822							
12/31/2018	1,023,650	2,555,648	3,773,737								
12/31/2019	651,120	1,681,784									
12/31/2020	648,992										
	<u>147 Months</u>	<u>159 Months</u>	<u>171 Months</u>	<u>183 Months</u>	<u>195 Months</u>	<u>207 Months</u>	<u>219 Months</u>	<u>231 Months</u>	<u>243 Months</u>		
12/31/2001	18,446,575	19,474,328	18,543,085	19,506,358	18,390,866	18,390,866	18,420,444	18,463,310	18,463,310		
12/31/2002	15,829,246	15,865,202	15,924,410	15,936,876	15,936,882	15,936,882	15,936,882	15,936,882			
12/31/2003	18,133,892	18,135,558	18,149,326	18,149,497	18,356,673	18,361,627	18,361,627				
12/31/2004	28,949,534	29,547,504	29,547,504	29,547,504	29,547,254	29,547,254					
12/31/2005	23,465,625	23,445,432	23,466,236	23,472,065	23,472,065						
12/31/2006	20,025,924	20,029,438	20,029,908	20,058,620							
12/31/2007	16,987,049	17,029,345	17,040,170								
12/31/2008	21,837,859	21,837,859									
12/31/2009	22,074,940										



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

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

	Incremental Percentages												
A.Y.E.	<u>27:15</u>	<u>39:27</u>	<u>51:39</u>	<u>63:51</u>	<u>75:63</u>	<u>87:75</u>	<u>99:87</u>	<u>111:99</u>	<u>123:111</u>	<u>135:123</u>	<u>147:135</u>	<u>159:147</u>	<u>171:159</u>
12/31/2001	0.1320	0.1288	0.0623	0.0393	0.0114	0.0311	0.0109	0.0146	0.0065	-0.0036	0.0178	0.0323	-0.0292
12/31/2002	0.0994	0.0754	0.1046	0.0617	0.0107	0.0296	0.0153	0.0023	-0.0011	0.0024	0.0030	0.0012	0.0020
12/31/2003	0.0216	0.1059	0.0713	0.0996	0.0998	0.0010	0.0235	0.0315	0.0137	0.0077	0.0108	0.0001	0.0005
12/31/2004	0.1019	0.1426	0.1466	0.2053	0.0733	-0.0807	0.0070	0.0055	0.0320	0.0008	-0.0047	0.0148	0.0000
12/31/2005	0.0687	0.1191	0.0824	0.0932	0.0308	-0.0040	0.0129	0.0385	0.0082	0.0029	0.0009	-0.0005	0.0005
12/31/2006	0.1073	0.1073	0.0675	0.0512	0.0436	0.0243	0.0193	-0.0030	-0.0005	0.0016	0.0001	0.0001	0.0000
12/31/2007	0.0878	0.1566	0.0757	0.0331	0.0345	0.0156	0.0023	0.0001	-0.0007	-0.0110	0.0012	0.0013	0.0003
12/31/2008	0.1399	0.0626	0.1311	0.0802	0.0455	0.0391	0.0196	0.0148	0.0004	0.0006	0.0002	0.0000	
12/31/2009	0.0355	0.2250	0.1189	0.0817	0.0302	0.0136	0.0278	0.0338	0.0148	0.0001	0.0034		
12/31/2010	0.1143	0.1398	0.1145	0.0444	0.0348	0.0301	-0.0140	0.0009	0.0009	0.0010			
12/31/2011	0.1321	0.3680	0.1369	0.1300	0.0676	0.0799	0.0196	0.0085	-0.0044				
12/31/2012	0.1382	0.3723	0.1601	-0.0095	0.0853	0.0023	-0.0046	-0.0289					
12/31/2013	0.2853	0.1644	0.1552	0.2779	0.0249	0.0516	0.1658						
12/31/2014	0.1263	0.2112	0.2418	0.0842	0.0220	0.0181							
12/31/2015	0.1762	0.1629	0.0655	0.0379	0.0355								
12/31/2016	0.1520	0.1770	0.0984	0.0476									
12/31/2017	0.2265	0.1549	0.1371										
12/31/2018	0.1021	0.0812											
12/31/2019	0.0923												

Best 3/5	0.1434	0.1649	0.1302	0.0566	0.0427	0.0333	0.0143	0.0081	0.0002	0.0006	0.0008	0.0005	0.0003
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## ALABAMA

## Premises/Operations

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

## Calculation of Loss Development Factors

(1)	(2)	(3)	(4)	(5)	
Evaluation Period	Multistate Ratio (A)	State Ratio (B)	Credibility (C)	Weighted Ratio (D)	Credibility Constant (K <sub>i</sub> )
15 to 27 Months	1.414	1.285	0.8591	1.303	1,800,000
27 to 39 Months	1.204	1.238	0.8547	1.233	2,300,000
39 to 51 Months	1.065	1.002	0.8440	1.012	2,900,000
51 to 63 Months	1.008	0.997	0.8028	0.999	3,500,000
63 to 75 Months	0.995	0.988	0.7531	0.990	4,400,000
75 to 87 Months	0.995	1.000	0.6824	0.998	5,500,000
87 to 99 Months	0.997	0.991	0.6294	0.993	6,800,000
99 to 111 Months	0.999	0.999	0.5491	0.999	8,500,000
111 to 123 Months	0.999	1.000	0.4804	0.999	10,600,000
123 to 135 Months	1.000	1.000	0.3987	1.000	13,200,000
135 to 147 Months	1.001	1.000	0.3604	1.001	16,400,000
147 to 159 Months	1.000	1.000	0.2951	1.000	20,500,000
159 to 171 Months	1.000	1.000	0.2612	1.000	25,500,000
171 to 183 Months	1.001	1.000	0.1975	1.001	31,900,000
183 to 195 Months	1.000	1.000	0.1464	1.000	39,800,000
195 to 207 Months	1.000	1.000	0.1116	1.000	49,700,000
207 to 219 Months	1.000	1.000	0.0996	1.000	62,000,000
219 to 231 Months	1.001	1.000	0.0597	1.001	77,500,000
231 to 243 Months	1.000	1.000	0.0286	1.000	97,000,000
243 to Ultimate	The Multistate ratio has been used.				

Accident Year		Loss Development From									
Ending	27:15	39:27	51:39	63:51	75:63	87:75	99:87	111:99	123:111	135:123	147:135
12/31/2018			1.012	0.999	0.990	0.998	0.993	0.999	0.999	1.000	1.001
12/31/2019		1.233	1.012	0.999	0.990	0.998	0.993	0.999	0.999	1.000	1.001
12/31/2020	1.303	1.233	1.012	0.999	0.990	0.998	0.993	0.999	0.999	1.000	1.001
	159:147	171:159	183:171	195:183	207:195	219:207	231:219	243:231	ULT:243		Factor
12/31/2018	1.000	1.000	1.001	1.000	1.000	1.000	1.001	1.000	1.001		0.994
12/31/2019	1.000	1.000	1.001	1.000	1.000	1.000	1.001	1.000	1.001		1.226
12/31/2020	1.000	1.000	1.001	1.000	1.000	1.000	1.001	1.000	1.001		1.597

(A) See Exhibit C5 - Multistate Loss Development.

(B) See Exhibit C5 - Statewide Loss Development.

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

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

## ALABAMA

## Premises/Operations

Owners, Landlords and Tenants

Bodily Injury

Full and Deductible Coverage

ALAE

## Calculation of Cumulative Incremental Factors

(1)	(2)	(3)	(4)	(5)	
Evaluation Period	Multistate Ratio (A)	State Ratio (B)	Credibility (C)	Weighted Ratio (D)	Credibility Constant (K <sub>i</sub> )
15 to 27 Months	0.0613	0.0560	0.8591	0.0567	1,800,000
27 to 39 Months	0.0790	0.0896	0.8547	0.0881	2,300,000
39 to 51 Months	0.0555	0.0621	0.8440	0.0611	2,900,000
51 to 63 Months	0.0292	0.0340	0.8028	0.0331	3,500,000
63 to 75 Months	0.0095	0.0110	0.7531	0.0106	4,400,000
75 to 87 Months	0.0059	0.0027	0.6824	0.0037	5,500,000
87 to 99 Months	0.0037	0.0004	0.6294	0.0016	6,800,000
99 to 111 Months	0.0014	0.0000	0.5491	0.0006	8,500,000
111 to 123 Months	0.0009	0.0000	0.4804	0.0005	10,600,000
123 to 135 Months	0.0017	0.0000	0.3987	0.0010	13,200,000
135 to 147 Months	0.0007	0.0000	0.3604	0.0004	16,400,000
147 to 159 Months	0.0007	0.0000	0.2951	0.0005	20,500,000
159 to 171 Months	0.0005	0.0000	0.2612	0.0004	25,500,000
171 to Ultimate	A multistate ratio of 0.0000 has been used.				

Cumulative Incremental Factors							
<u>Months-to-Ultimate</u>	<u>15</u>	<u>27</u>	<u>39</u>	<u>51</u>	<u>63</u>	<u>75</u>	<u>87</u>
	0.258	0.202	0.114	0.052	0.019	0.009	0.005
<u>Months-to-Ultimate</u>	<u>99</u>	<u>111</u>	<u>123</u>	<u>135</u>	<u>147</u>	<u>159</u>	<u>171</u>
	0.003	0.003	0.002	0.001	0.001	0.000	0.000

Full coverage

A.Y.E	Reported ALAE as of 6/30/2021	\$500,000 Ultimate Indemnity	ALAE Factor	Additional ALAE	Ultimate ALAE
3/31/2019	2,480,974	10,001,940	0.114	1,135,220	3,616,194
3/31/2020	1,275,289	9,489,488	0.202	1,913,081	3,188,370
3/31/2021	565,120	8,469,474	0.258	2,187,665	2,752,785

Deductible Coverage

A.Y.E	Reported ALAE as of 6/30/2021	\$500,000 Ultimate Indemnity	ALAE Factor	Additional ALAE	Ultimate ALAE
3/31/2019	258,340	1,538,052	0.114	174,569	432,909
3/31/2020	201,148	1,682,456	0.202	339,183	540,331
3/31/2021	30,327	1,338,779	0.258	345,807	376,134

(A) See Exhibit C5 - Multistate Loss Development.

(B) See Exhibit C5 - Statewide Loss Development.

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

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

## ALABAMA

## Premises/Operations

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

## Calculation of Loss Development Factors

(1)	(2)	(3)	(4)	(5)	
Evaluation Period	Multistate Ratio (A)	State Ratio (B)	Credibility (C)	Weighted Ratio (D)	Credibility Constant (K <sub>i</sub> )
15 to 27Months	1.189	1.249	0.5874	1.224	900,000
27 to 39 Months	1.073	1.015	0.5945	1.039	1,000,000
39 to 51 Months	1.040	1.104	0.5042	1.072	1,200,000
51 to 63 Months	1.011	0.959	0.5231	0.984	1,400,000
63 to 75 Months	1.006	0.972	0.5000	0.989	1,600,000
75 to 87 Months	1.007	0.973	0.4434	0.992	1,900,000
87 to 99 Months	1.008	1.000	0.3655	1.005	2,200,000
99 to 111 Months	1.003	1.000	0.2655	1.002	2,600,000
111 to 123 Months	1.002	1.000	0.2576	1.001	2,900,000
123 to 135 Months	1.003	1.000	0.2470	1.002	3,400,000
135 to 147 Months	1.004	1.000	0.2129	1.003	4,000,000
147 to 159 Months	1.000	1.000	0.1699	1.000	4,600,000
159 to 171 Months	1.001	1.000	0.1315	1.001	5,300,000
171 to 183 Months	1.002	1.000	0.1321	1.002	6,100,000
183 to 195 Months	1.002	1.000	0.1281	1.002	7,100,000
195 to 207 Months	1.002	1.000	0.1339	1.002	8,200,000
207 to 219 Months	1.002	1.000	0.1625	1.002	9,500,000
219 to 231 Months	1.001	1.000	0.1179	1.001	11,000,000
231 to 243 Months	1.001	1.000	0.0690	1.001	12,800,000
243 to Ultimate	The Multistate ratio has been used.				

Accident Year	Loss Development From										
Ending	27:15	39:27	51:39	63:51	75:63	87:75	99:87	111:99	123:111	135:123	147:135
12/31/2018			1.072	0.984	0.989	0.992	1.005	1.002	1.001	1.002	1.003
12/31/2019		1.039	1.072	0.984	0.989	0.992	1.005	1.002	1.001	1.002	1.003
12/31/2020	1.224	1.039	1.072	0.984	0.989	0.992	1.005	1.002	1.001	1.002	1.003
	159:147	171:159	183:171	195:183	207:195	219:207	231:219	243:231	ULT:243		Factor
12/31/2018	1.000	1.001	1.002	1.002	1.002	1.002	1.001	1.001	1.004		1.064
12/31/2019	1.000	1.001	1.002	1.002	1.002	1.002	1.001	1.001	1.004		1.105
12/31/2020	1.000	1.001	1.002	1.002	1.002	1.002	1.001	1.001	1.004		1.353

(A) See Exhibit C5 - Multistate Loss Development.

(B) See Exhibit C5 - Statewide Loss Development.

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

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

## ALABAMA

## Premises/Operations

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

## Calculation of Cumulative Incremental Factors

(1)	(2)	(3)	(4)	(5)	
Evaluation Period	Multistate Ratio (A)	State Ratio (B)	Credibility (C)	Weighted Ratio (D)	Credibility Constant (K <sub>i</sub> )
15 to 27 Months	0.0798	0.0648	0.5874	0.0710	900,000
27 to 39 Months	0.0778	0.0492	0.5945	0.0608	1,000,000
39 to 51 Months	0.0615	0.0481	0.5042	0.0547	1,200,000
51 to 63 Months	0.0383	0.0721	0.5231	0.0560	1,400,000
63 to 75 Months	0.0260	0.0083	0.5000	0.0172	1,600,000
75 to 87 Months	0.0115	-0.0259	0.4434	-0.0051	1,900,000
87 to 99 Months	0.0170	0.0000	0.3655	0.0108	2,200,000
99 to 111 Months	0.0134	0.0000	0.2655	0.0098	2,600,000
111 to 123 Months	0.0109	0.0000	0.2576	0.0081	2,900,000
123 to 135 Months	0.0054	0.0000	0.2470	0.0041	3,400,000
135 to 147 Months	0.0086	0.0000	0.2129	0.0068	4,000,000
147 to 159 Months	-0.0013	0.0000	0.1699	-0.0011	4,600,000
159 to 171 Months	0.0032	0.0000	0.1315	0.0028	5,300,000
171 to Ultimate	A multistate ratio of 0.0000 has been used.				

Cumulative Incremental Factors							
<u>Months-to-Ultimate</u>	<u>15</u>	<u>27</u>	<u>39</u>	<u>51</u>	<u>63</u>	<u>75</u>	<u>87</u>
	0.296	0.225	0.164	0.109	0.053	0.036	0.041
<u>Months-to-Ultimate</u>	<u>99</u>	<u>111</u>	<u>123</u>	<u>135</u>	<u>147</u>	<u>159</u>	<u>171</u>
	0.031	0.021	0.013	0.009	0.002	0.003	0.000

Full coverage

A.Y.E	Reported ALAE as of 6/30/2021	\$500,000 Ultimate Indemnity	ALAE Factor	Additional ALAE	Ultimate ALAE
3/31/2019	115,216	606,946	0.164	99,600	214,816
3/31/2020	91,111	515,587	0.225	115,956	207,067
3/31/2021	67,181	1,400,968	0.296	414,546	481,727

Deductible Coverage

A.Y.E	Reported ALAE as of 6/30/2021	\$500,000 Ultimate Indemnity	ALAE Factor	Additional ALAE	Ultimate ALAE
3/31/2019	120	12,389	0.164	2,033	2,153
3/31/2020	0	42,084	0.225	9,465	9,465
3/31/2021	5,400	101,268	0.296	29,965	35,365

(A) See Exhibit C5 - Multistate Loss Development.

(B) See Exhibit C5 - Statewide Loss Development.

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

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

## ALABAMA

## Premises/Operations

Owners, Landlords and Tenants

Fringe

Full Coverage

ALAE

## Calculation of Cumulative Incremental Factors

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

Cumulative Incremental Factors							
<u>Months-to-Ultimate</u>	<u>15</u>	<u>27</u>	<u>39</u>	<u>51</u>	<u>63</u>	<u>75</u>	<u>87</u>
	0.986	0.768	0.576	0.409	0.268	0.185	0.099
<u>Months-to-Ultimate</u>	<u>99</u>	<u>111</u>	<u>123</u>	<u>135</u>	<u>147</u>	<u>159</u>	<u>171</u>
	0.055	0.037	0.028	0.026	0.026	0.007	0.000

Full coverage

A.Y.E	Reported ALAE as of 6/30/2021	\$500,000 Ultimate Indemnity	ALAE Factor	Additional ALAE	Ultimate ALAE
3/31/2019	62,903	181,964	0.576	104,757	167,660
3/31/2020	80,344	278,175	0.768	213,638	293,982
3/31/2021	22,289	124,770	0.986	123,011	145,300

(A) See Exhibit C5 - Multistate Loss Development.

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

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

\$100,000 Basic Limit Losses as of :

<u>A.Y.E.</u>	<u>15 Months</u>	<u>27 Months</u>	<u>39 Months</u>	<u>51 Months</u>	<u>63 Months</u>	<u>75 Months</u>	<u>87 Months</u>	<u>99 Months</u>	<u>111 Months</u>	<u>123 Months</u>	<u>135 Months</u>
12/31/2001	1,924,155	2,849,695	3,250,189	3,262,027	3,184,239	3,097,351	2,956,448	2,906,346	2,906,216	2,906,194	2,856,113
12/31/2002	1,811,620	1,831,016	2,112,890	2,103,588	2,176,014	2,216,952	2,113,502	2,113,502	2,088,502	2,064,663	2,064,563
12/31/2003	1,480,049	2,032,571	2,443,482	2,161,703	2,091,237	2,049,127	2,065,627	2,035,627	1,941,577	1,938,127	1,938,127
12/31/2004	1,953,342	2,848,899	2,728,923	2,431,144	2,337,906	2,246,117	2,245,844	2,249,229	2,240,449	2,240,449	2,240,449
12/31/2005	1,792,677	2,557,526	2,981,241	3,026,902	2,910,745	2,678,206	2,656,923	2,656,923	2,646,923	2,646,923	2,646,923
12/31/2006	2,412,230	2,713,287	3,170,857	3,162,221	3,070,093	2,914,781	3,031,863	2,982,532	2,982,532	2,962,532	2,962,532
12/31/2007	2,730,364	2,983,068	3,433,170	3,626,025	3,529,595	3,519,986	3,405,908	3,405,908	3,405,908	3,405,908	3,405,908
12/31/2008	2,052,730	2,342,568	2,383,117	2,475,437	2,146,344	2,326,928	2,239,828	2,239,828	2,211,828	2,211,828	2,211,828
12/31/2009	2,376,019	3,384,700	4,448,788	4,138,059	3,818,326	3,681,005	3,659,453	3,616,732	3,616,732	3,616,732	3,624,232
12/31/2010	2,598,430	3,213,522	2,921,407	2,748,348	2,927,461	2,993,542	2,975,999	2,965,518	2,955,091	2,925,091	2,925,091
12/31/2011	2,507,931	3,485,599	3,437,673	3,435,100	3,283,055	3,267,619	3,271,615	3,227,627	3,227,627	3,227,627	
12/31/2012	2,357,953	3,507,169	4,283,162	4,287,111	4,244,421	4,216,770	4,206,798	4,157,968	4,157,968		
12/31/2013	3,123,170	4,017,410	4,358,439	4,048,732	4,026,228	4,068,668	4,072,333	4,072,333			
12/31/2014	2,956,259	3,519,723	3,973,926	4,047,871	3,696,372	3,529,755	3,529,755				
12/31/2015	3,494,767	4,110,313	5,406,539	5,652,615	5,697,022	5,551,905					
12/31/2016	2,258,230	3,492,290	4,579,826	4,550,489	4,595,382						
12/31/2017	3,647,041	4,476,093	5,700,316	5,668,801							
12/31/2018	4,266,371	5,555,701	5,988,980								
12/31/2019	3,059,977	4,061,847									
12/31/2020	2,499,262										

<u>A.Y.E.</u>	<u>147 Months</u>	<u>159 Months</u>	<u>171 Months</u>	<u>183 Months</u>	<u>195 Months</u>	<u>207 Months</u>	<u>219 Months</u>	<u>231 Months</u>	<u>243 Months</u>
12/31/2001	2,856,113	2,855,964	2,855,823	2,855,762	2,855,762	2,855,723	2,855,709	2,855,596	2,855,439
12/31/2002	2,064,563	2,064,563	2,064,563	2,064,563	2,064,563	2,064,563	2,064,563	2,064,563	
12/31/2003	1,938,127	1,938,127	1,938,127	1,938,127	1,938,127	1,938,127	1,938,127		
12/31/2004	2,240,449	2,240,449	2,240,449	2,240,449	2,240,449	2,240,449			
12/31/2005	2,646,923	2,646,923	2,646,923	2,646,923	2,646,923				
12/31/2006	2,962,532	2,962,532	2,962,532	2,962,532					
12/31/2007	3,405,908	3,405,908	3,405,908						
12/31/2008	2,211,828	2,211,828							
12/31/2009	3,624,232								

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

	Link Ratios										
A.Y.E.	<u>27:15</u>	<u>39:27</u>	<u>51:39</u>	<u>63:51</u>	<u>75:63</u>	<u>87:75</u>	<u>99:87</u>	<u>111:99</u>	<u>123:111</u>	<u>135:123</u>	<u>147:135</u>
12/31/2001	1.481	1.141	1.004	0.976	0.973	0.955	0.983	1.000	1.000	0.983	1.000
12/31/2002	1.011	1.154	0.996	1.034	1.019	0.953	1.000	0.988	0.989	1.000	1.000
12/31/2003	1.373	1.202	0.885	0.967	0.980	1.008	0.985	0.954	0.998	1.000	1.000
12/31/2004	1.458	0.958	0.891	0.962	0.961	1.000	1.002	0.996	1.000	1.000	1.000
12/31/2005	1.427	1.166	1.015	0.962	0.920	0.992	1.000	0.996	1.000	1.000	1.000
12/31/2006	1.125	1.169	0.997	0.971	0.949	1.040	0.984	1.000	0.993	1.000	1.000
12/31/2007	1.093	1.151	1.056	0.973	0.997	0.968	1.000	1.000	1.000	1.000	1.000
12/31/2008	1.141	1.017	1.039	0.867	1.084	0.963	1.000	0.987	1.000	1.000	1.000
12/31/2009	1.425	1.314	0.930	0.923	0.964	0.994	0.988	1.000	1.000	1.002	1.000
12/31/2010	1.237	0.909	0.941	1.065	1.023	0.994	0.996	0.996	0.990	1.000	
12/31/2011	1.390	0.986	0.999	0.956	0.995	1.001	0.987	1.000	1.000		
12/31/2012	1.487	1.221	1.001	0.990	0.993	0.998	0.988	1.000			
12/31/2013	1.286	1.085	0.929	0.994	1.011	1.001	1.000				
12/31/2014	1.191	1.129	1.019	0.913	0.955	1.000					
12/31/2015	1.176	1.315	1.046	1.008	0.975						
12/31/2016	1.546	1.311	0.994	1.010							
12/31/2017	1.227	1.274	0.994								
12/31/2018	1.302	1.078									
12/31/2019	1.327										
3 Yr Mean	1.285	1.221	1.011	0.977	0.980	1.000	0.992	0.999	0.997	1.001	1.000
Best 3/5	1.285	1.238	1.002	0.997	0.988	1.000	0.991	0.999	1.000	1.000	1.000
A.Y.E.	<u>159:147</u>	<u>171:159</u>	<u>183:171</u>	<u>195:183</u>	<u>207:195</u>	<u>219:207</u>	<u>231:219</u>	<u>243:231</u>			
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	<b>1.000</b>			
12/31/2003	1.000	1.000	1.000	1.000	1.000	1.000	<b>1.000</b>	<b>1.000</b>			
12/31/2004	1.000	1.000	1.000	1.000	1.000	<b>1.000</b>	<b>1.000</b>	<b>1.000</b>			
12/31/2005	1.000	1.000	1.000	1.000	<b>1.000</b>	<b>1.000</b>	<b>1.000</b>	<b>1.000</b>			
12/31/2006	1.000	1.000	1.000								
12/31/2007	1.000	1.000									
12/31/2008	1.000										
3 Yr Mean	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000			
Best 3/5	1.000	1.000	1.000	1.000	<b>1.000</b>	<b>1.000</b>	<b>1.000</b>	<b>1.000</b>			
A.Y.E.	<u>15/ 27</u>	<u>27/ 39</u>	<u>39/ 51</u>	<u>51/ 63</u>	<u>63/ 75</u>	<u>75/ 87</u>	<u>87/ 99</u>	<u>99/111</u>	<u>111/123</u>	<u>123/135</u>	<u>135/147</u>
12/31/2016					0.988	1.000	0.991	0.999	1.000	1.000	1.000
12/31/2017				0.997	0.988	1.000	0.991	0.999	1.000	1.000	1.000
12/31/2018			1.002	0.997	0.988	1.000	0.991	0.999	1.000	1.000	1.000
12/31/2019		1.238	1.002	0.997	0.988	1.000	0.991	0.999	1.000	1.000	1.000
12/31/2020	1.285	1.238	1.002	0.997	0.988	1.000	0.991	0.999	1.000	1.000	1.000
A.Y.E.	<u>147/159</u>	<u>159/171</u>	<u>171/183</u>	<u>183/195</u>	<u>195/207</u>	<u>207/219</u>	<u>219/231</u>	<u>231/243</u>	<u>243/241</u>		<b>FACTORS</b>
12/31/2016	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	<b>1.000</b>		0.978
12/31/2017	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	<b>1.000</b>		0.975
12/31/2018	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	<b>1.000</b>		0.977
12/31/2019	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	<b>1.000</b>		1.210
12/31/2020	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	<b>1.000</b>		1.554

**Bold - Calculated Using Modified Bondy Method**

*Italics - Three year mean Excludes Modified Bondy ratios*



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

<u>A.Y.E.</u>	<u>15 Months</u>	<u>27 Months</u>	<u>39 Months</u>	<u>51 Months</u>	<u>63 Months</u>	<u>75 Months</u>	<u>87 Months</u>	<u>99 Months</u>	<u>111 Months</u>	<u>123 Months</u>	<u>135 Months</u>
12/31/2001	373,682	853,172	1,403,715	1,795,982	1,936,049	2,018,253	1,808,392	1,808,392	1,862,640	1,867,917	1,840,779
12/31/2002	534,782	608,869	814,432	841,217	957,151	1,015,521	1,029,140	1,009,509	1,009,509	1,009,509	1,011,128
12/31/2003	418,157	884,832	1,714,736	1,879,855	1,998,471	2,140,893	2,097,651	2,103,891	2,113,693	2,114,505	2,114,505
12/31/2004	312,243	751,751	1,099,829	1,405,468	1,410,276	1,518,199	1,570,116	1,609,703	1,588,985	1,588,985	1,588,985
12/31/2005	168,734	619,381	957,863	1,546,259	1,520,046	1,625,508	1,641,950	1,646,870	1,675,114	1,700,114	1,685,114
12/31/2006	428,483	701,112	1,190,173	1,672,368	2,092,492	2,075,289	2,080,867	2,078,340	2,078,442	2,062,533	2,062,533
12/31/2007	340,105	643,257	1,419,654	1,988,969	2,596,754	2,021,750	1,826,902	1,827,082	1,827,082	1,827,082	1,827,082
12/31/2008	195,031	572,636	1,059,949	1,697,349	1,539,283	1,623,826	1,641,610	1,651,485	1,633,019	1,633,019	1,633,019
12/31/2009	450,328	1,052,304	2,160,021	2,546,953	2,363,260	2,365,063	2,438,032	2,668,955	2,668,955	2,680,373	2,689,825
12/31/2010	288,777	900,535	1,499,133	2,002,460	2,379,128	2,400,372	2,458,933	2,455,676	2,474,244	2,474,532	2,474,532
12/31/2011	336,697	700,468	1,150,756	1,310,366	1,295,195	1,341,607	1,327,454	1,327,454	1,327,454	1,327,454	
12/31/2012	519,952	1,477,954	1,904,122	2,185,723	2,363,798	2,384,951	2,393,877	2,401,964	2,401,964		
12/31/2013	430,441	1,491,231	2,543,293	2,786,097	3,093,994	3,188,364	3,103,175	3,103,176			
12/31/2014	249,143	774,481	1,328,640	1,750,760	1,898,947	1,985,557	2,025,790				
12/31/2015	496,840	1,370,264	2,357,664	3,127,515	3,559,562	3,667,782					
12/31/2016	326,217	594,310	1,417,694	1,944,648	2,082,878						
12/31/2017	349,719	789,279	1,416,953	1,828,461							
12/31/2018	830,448	1,270,778	2,039,323								
12/31/2019	442,561	1,178,933									
12/31/2020	340,089										

<u>A.Y.E.</u>	<u>147 Months</u>	<u>159 Months</u>	<u>171 Months</u>	<u>183 Months</u>	<u>195 Months</u>	<u>207 Months</u>	<u>219 Months</u>	<u>231 Months</u>	<u>243 Months</u>
12/31/2001	1,840,779	1,840,779	1,840,779	1,840,779	1,840,779	1,890,778	1,890,778	1,890,778	1,890,777
12/31/2002	1,011,128	1,011,128	1,011,128	1,011,128	1,011,128	1,011,128	1,011,128	1,011,128	
12/31/2003	2,114,505	2,114,505	2,114,505	2,114,505	2,114,505	2,114,505	2,114,505		
12/31/2004	1,588,985	1,588,985	1,588,985	1,588,985	1,588,985	1,588,985			
12/31/2005	1,712,248	1,739,101	1,739,101	1,739,101	1,739,101				
12/31/2006	2,062,533	2,062,533	2,063,594	2,063,594					
12/31/2007	1,827,082	1,827,082	1,827,082						
12/31/2008	1,633,019	1,633,019							
12/31/2009	2,689,825								

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

Increments													
A.Y.E.	27:15	39:27	51:39	63:51	75:63	87:75	99:87	111:99	123:111	135:123	147:135	159:147	171:159
12/31/2001	479,490	550,543	392,267	140,067	82,204	-209,861	0	54,248	5,277	-27,138	0	0	0
12/31/2002	74,087	205,563	26,785	115,934	58,370	13,619	-19,631	0	0	1,619	0	0	0
12/31/2003	466,675	829,904	165,119	118,616	142,422	-43,242	6,240	9,802	812	0	0	0	0
12/31/2004	439,508	348,078	305,639	4,808	107,923	51,917	39,587	-20,718	0	0	0	0	0
12/31/2005	450,647	338,482	588,396	-26,213	105,462	16,442	4,920	28,244	25,000	-15,000	27,134	26,853	0
12/31/2006	272,629	489,061	482,195	420,124	-17,203	5,578	-2,527	102	-15,909	0	0	0	1,061
12/31/2007	303,152	776,397	569,315	607,785	-575,004	-194,848	180	0	0	0	0	0	0
12/31/2008	377,605	487,313	637,400	-158,066	84,543	17,784	9,875	-18,466	0	0	0	0	0
12/31/2009	601,976	1,107,717	386,932	-183,693	1,803	72,969	230,923	0	11,418	9,452	0	0	0
12/31/2010	611,758	598,598	503,327	376,668	21,244	58,561	-3,257	18,568	288	0	0	0	0
12/31/2011	363,771	450,288	159,610	-15,171	46,412	-14,153	0	0	0	0	0	0	0
12/31/2012	958,002	426,168	281,601	178,075	21,153	8,926	8,087	0	0	0	0	0	0
12/31/2013	1,060,790	1,052,062	242,804	307,897	94,370	-85,189	1	0	0	0	0	0	0
12/31/2014	525,338	554,159	422,120	148,187	86,610	40,233	0	0	0	0	0	0	0
12/31/2015	873,424	987,400	769,851	432,047	108,220	0	0	0	0	0	0	0	0
12/31/2016	268,093	823,384	526,954	138,230	0	0	0	0	0	0	0	0	0
12/31/2017	439,560	627,674	411,508	0	0	0	0	0	0	0	0	0	0
12/31/2018	440,330	768,545	0	0	0	0	0	0	0	0	0	0	0
12/31/2019	736,372	0	0	0	0	0	0	0	0	0	0	0	0

Incremental Percentages													
A.Y.E.	27:15	39:27	51:39	63:51	75:63	87:75	99:87	111:99	123:111	135:123	147:135	159:147	171:159
12/31/2001	0.1094	0.1256	0.0895	0.0319	0.0187	-0.0479	0.0000	0.0124	0.0012	-0.0062	0.0000	0.0000	0.0000
12/31/2002	0.0277	0.0769	0.0100	0.0433	0.0218	0.0051	-0.0073	0.0000	0.0000	0.0006	0.0000	0.0000	0.0000
12/31/2003	0.1541	0.2741	0.0545	0.0392	0.0470	-0.0143	0.0021	0.0032	0.0003	0.0000	0.0000	0.0000	0.0000
12/31/2004	0.1650	0.1307	0.1148	0.0018	0.0405	0.0195	0.0149	-0.0078	0.0000	0.0000	0.0000	0.0000	0.0000
12/31/2005	0.1142	0.0858	0.1491	-0.0066	0.0267	0.0042	0.0012	0.0072	0.0063	-0.0038	0.0069	0.0068	0.0000
12/31/2006	0.0488	0.0876	0.0863	0.0752	-0.0031	0.0010	-0.0005	0.0000	-0.0028	0.0000	0.0000	0.0000	0.0002
12/31/2007	0.0456	0.1169	0.0857	0.0915	-0.0865	-0.0293	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12/31/2008	0.0994	0.1283	0.1678	-0.0416	0.0223	0.0047	0.0026	-0.0049	0.0000	0.0000	0.0000	0.0000	0.0000
12/31/2009	0.0887	0.1633	0.0570	-0.0271	0.0003	0.0108	0.0340	0.0000	0.0017	0.0014	0.0000	0.0000	0.0000
12/31/2010	0.1052	0.1029	0.0865	0.0648	0.0037	0.0101	-0.0006	0.0032	0.0000	0.0000	0.0000	0.0000	0.0000
12/31/2011	0.0774	0.0958	0.0339	-0.0032	0.0099	-0.0030	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12/31/2012	0.1290	0.0574	0.0379	0.0240	0.0028	0.0012	0.0011	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12/31/2013	0.1430	0.1419	0.0327	0.0415	0.0127	-0.0115	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12/31/2014	0.1292	0.1363	0.1038	0.0364	0.0213	0.0099	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12/31/2015	0.0849	0.0960	0.0748	0.0420	0.0105	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12/31/2016	0.0347	0.1065	0.0682	0.0179	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12/31/2017	0.0464	0.0663	0.0434	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12/31/2018	0.0367	0.0641	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12/31/2019	0.0882	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Best 3/5	0.0560	0.0896	0.0621	0.0340	0.0110	0.0027	0.0004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
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Premises / Operations (Subline Code 334)  
 Owners, Landlords and Tenants  
 Full Coverage  
 ALABAMA  
 Property Damage - Occurrence  
 Incurred Accident Year Basic Limits Loss Development Excluding ALAE

\$100,000 Basic Limit Losses as of :

<u>A.Y.E.</u>	<u>15 Months</u>	<u>27 Months</u>	<u>39 Months</u>	<u>51 Months</u>	<u>63 Months</u>	<u>75 Months</u>	<u>87 Months</u>	<u>99 Months</u>	<u>111 Months</u>	<u>123 Months</u>	<u>135 Months</u>
12/31/2001	325,484	552,678	803,427	862,977	853,177	853,177	853,177	953,177	953,177	953,177	953,177
12/31/2002	207,124	253,072	564,237	548,362	503,235	515,985	525,985	522,210	522,210	522,210	522,210
12/31/2003	213,545	343,455	510,143	402,653	395,053	389,166	362,153	362,053	362,053	362,053	362,053
12/31/2004	223,656	280,525	431,329	539,265	409,901	370,533	370,533	370,533	370,533	370,533	373,033
12/31/2005	226,072	295,290	348,135	307,528	312,678	318,230	318,230	308,230	308,230	308,228	308,228
12/31/2006	245,650	247,478	306,856	305,466	318,341	245,466	250,728	248,987	246,987	246,987	246,987
12/31/2007	149,956	232,155	169,565	226,781	261,781	166,781	147,052	147,052	152,052	247,052	247,052
12/31/2008	332,122	434,580	433,280	412,030	442,030	447,530	447,530	447,530	447,530	447,530	447,530
12/31/2009	373,414	299,565	343,345	368,651	368,651	386,882	387,598	387,598	387,598	387,598	387,598
12/31/2010	336,875	407,639	220,851	285,851	363,327	305,279	280,279	280,279	280,279	280,279	280,279
12/31/2011	306,952	338,291	337,891	338,249	338,249	338,249	338,249	338,249	338,249	338,249	
12/31/2012	308,978	352,974	373,139	390,314	359,670	310,914	320,864	321,073	321,073		
12/31/2013	423,354	656,582	739,509	777,753	712,995	667,995	608,367	608,367			
12/31/2014	324,380	393,284	449,139	458,037	547,019	534,798	534,798				
12/31/2015	217,773	269,945	274,734	340,295	340,295	340,295					
12/31/2016	270,056	409,496	442,505	737,442	704,942						
12/31/2017	458,038	578,756	502,994	496,094							
12/31/2018	384,246	477,778	451,412								
12/31/2019	439,165	340,084									
12/31/2020	736,969										

<u>A.Y.E.</u>	<u>147 Months</u>	<u>159 Months</u>	<u>171 Months</u>	<u>183 Months</u>	<u>195 Months</u>	<u>207 Months</u>	<u>219 Months</u>	<u>231 Months</u>	<u>243 Months</u>
12/31/2001	953,177	953,177	953,177	948,677	948,677	948,677	948,677	948,677	948,677
12/31/2002	522,210	522,210	522,210	522,210	522,210	522,210	522,210	522,210	
12/31/2003	362,053	362,053	362,053	362,053	372,053	372,053	372,053		
12/31/2004	373,033	373,033	373,033	373,033	373,033	373,033			
12/31/2005	308,228	308,228	308,228	308,228	308,228				
12/31/2006	246,987	246,987	246,987	246,987					
12/31/2007	247,052	247,052	247,052						
12/31/2008	447,530	447,530							
12/31/2009	387,598								

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

Link Ratios											
A.Y.E.	<u>27:15</u>	<u>39:27</u>	<u>51:39</u>	<u>63:51</u>	<u>75:63</u>	<u>87:75</u>	<u>99:87</u>	<u>111:99</u>	<u>123:111</u>	<u>135:123</u>	<u>147:135</u>
12/31/2001	1.698	1.454	1.074	0.989	1.000	1.000	1.117	1.000	1.000	1.000	1.000
12/31/2002	1.222	2.230	0.972	0.918	1.025	1.019	0.993	1.000	1.000	1.000	1.000
12/31/2003	1.608	1.485	0.789	0.981	0.985	0.931	1.000	1.000	1.000	1.000	1.000
12/31/2004	1.254	1.538	1.250	0.760	0.904	1.000	1.000	1.000	1.000	1.007	1.000
12/31/2005	1.306	1.179	0.883	1.017	1.018	1.000	0.969	1.000	1.000	1.000	1.000
12/31/2006	1.007	1.240	0.995	1.042	0.771	1.021	0.993	0.992	1.000	1.000	1.000
12/31/2007	1.548	0.730	1.337	1.154	0.637	0.882	1.000	1.034	1.625	1.000	1.000
12/31/2008	1.308	0.997	0.951	1.073	1.012	1.000	1.000	1.000	1.000	1.000	1.000
12/31/2009	0.802	1.146	1.074	1.000	1.049	1.002	1.000	1.000	1.000	1.000	1.000
12/31/2010	1.210	0.542	1.294	1.271	0.840	0.918	1.000	1.000	1.000	1.000	
12/31/2011	1.102	0.999	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
12/31/2012	1.142	1.057	1.046	0.921	0.864	1.032	1.001	1.000			
12/31/2013	1.551	1.126	1.052	0.917	0.937	0.911	1.000				
12/31/2014	1.212	1.142	1.020	1.194	0.978	1.000					
12/31/2015	1.240	1.018	1.239	1.000	1.000						
12/31/2016	1.516	1.081	1.667	0.956							
12/31/2017	1.264	0.869	0.986								
12/31/2018	1.243	0.945									
12/31/2019	0.774										
3 Yr Mean	1.094	0.965	1.297	1.050	0.972	0.981	1.000	1.000	1.000	1.000	1.000
Best 3/5	1.249	1.015	1.104	0.959	0.972	0.973	1.000	1.000	1.000	1.000	1.000
	<u>159:147</u>	<u>171:159</u>	<u>183:171</u>	<u>195:183</u>	<u>207:195</u>	<u>219:207</u>	<u>231:219</u>	<u>243:231</u>			
12/31/2001	1.000	1.000	0.995	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	<b>1.000</b>			
12/31/2003	1.000	1.000	1.000	1.028	1.000	1.000	<b>1.000</b>	<b>1.000</b>			
12/31/2004	1.000	1.000	1.000	1.000	1.000	<b>1.000</b>	<b>1.000</b>	<b>1.000</b>			
12/31/2005	1.000	1.000	1.000	1.000	<b>1.000</b>	<b>1.000</b>	<b>1.000</b>	<b>1.000</b>			
12/31/2006	1.000	1.000	1.000								
12/31/2007	1.000	1.000									
12/31/2008	1.000										
3 Yr Mean	1.000	1.000	1.000	1.009	1.000	1.000	1.000	1.000			
Best 3/5	1.000	1.000	1.000	1.000	<b>1.000</b>	<b>1.000</b>	<b>1.000</b>	<b>1.000</b>			
	<u>15/ 27</u>	<u>27/ 39</u>	<u>39/ 51</u>	<u>51/ 63</u>	<u>63/ 75</u>	<u>75/ 87</u>	<u>87/ 99</u>	<u>99/111</u>	<u>111/123</u>	<u>123/135</u>	<u>135/147</u>
12/31/2016					0.972	0.973	1.000	1.000	1.000	1.000	1.000
12/31/2017				0.959	0.972	0.973	1.000	1.000	1.000	1.000	1.000
12/31/2018			1.104	0.959	0.972	0.973	1.000	1.000	1.000	1.000	1.000
12/31/2019		1.015	1.104	0.959	0.972	0.973	1.000	1.000	1.000	1.000	1.000
12/31/2020	1.249	1.015	1.104	0.959	0.972	0.973	1.000	1.000	1.000	1.000	1.000
	<u>147/159</u>	<u>159/171</u>	<u>171/183</u>	<u>183/195</u>	<u>195/207</u>	<u>207/219</u>	<u>219/231</u>	<u>231/243</u>	<u>243/241</u>		<b>FACTORS</b>
12/31/2016	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	<b>1.000</b>		0.946
12/31/2017	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	<b>1.000</b>		0.907
12/31/2018	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	<b>1.000</b>		1.001
12/31/2019	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	<b>1.000</b>		1.016
12/31/2020	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	<b>1.000</b>		1.269

**Bold - Calculated Using Modified Bondy Method**

*Italics - Three year mean Excludes Modified Bondy ratios*

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

<u>A.Y.E.</u>	<u>15 Months</u>	<u>27 Months</u>	<u>39 Months</u>	<u>51 Months</u>	<u>63 Months</u>	<u>75 Months</u>	<u>87 Months</u>	<u>99 Months</u>	<u>111 Months</u>	<u>123 Months</u>	<u>135 Months</u>
12/31/2001	70,783	618,844	687,442	831,603	828,039	829,020	829,020	839,452	846,415	856,457	856,671
12/31/2002	27,060	54,713	186,301	270,794	329,313	417,820	354,205	332,697	332,697	332,697	332,697
12/31/2003	18,588	62,088	118,256	140,599	146,372	153,712	214,581	154,378	154,378	154,378	154,361
12/31/2004	40,854	88,691	177,107	581,628	535,283	502,937	502,937	502,937	502,937	502,937	519,938
12/31/2005	20,626	22,309	80,652	141,148	143,578	166,603	197,835	228,594	248,075	248,685	249,259
12/31/2006	4,995	9,921	96,381	185,724	322,157	369,019	413,689	436,510	439,960	439,960	439,960
12/31/2007	9,645	77,444	161,813	208,060	266,898	269,087	285,599	291,349	294,177	331,777	331,777
12/31/2008	36,223	228,862	223,397	443,457	458,918	469,191	481,587	496,045	496,045	496,045	496,045
12/31/2009	114,690	97,410	180,013	222,758	231,227	238,698	238,698	238,698	238,698	238,698	238,698
12/31/2010	103,939	181,111	194,671	286,257	287,748	268,336	267,176	267,176	267,176	267,176	267,176
12/31/2011	31,513	51,104	67,124	81,252	81,252	81,252	81,252	81,252	81,252	81,252	
12/31/2012	54,426	229,181	430,608	483,340	515,818	546,174	521,814	521,814	521,814		
12/31/2013	68,210	167,412	309,234	394,921	436,843	428,302	345,446	346,199			
12/31/2014	58,514	116,929	131,232	140,116	258,683	281,735	287,177				
12/31/2015	13,237	87,810	111,048	76,834	94,414	94,414					
12/31/2016	58,270	69,692	187,810	248,534	265,822						
12/31/2017	170,804	195,028	205,826	240,944							
12/31/2018	53,375	106,693	137,521								
12/31/2019	54,394	72,310									
12/31/2020	35,070										

<u>A.Y.E</u>	<u>147 Months</u>	<u>159 Months</u>	<u>171 Months</u>	<u>183 Months</u>	<u>195 Months</u>	<u>207 Months</u>	<u>219 Months</u>	<u>231 Months</u>	<u>243 Months</u>
12/31/2001	856,915	856,915	856,858	853,699	853,699	853,699	853,699	853,699	853699
12/31/2002	332,697	332,697	332,697	332,697	333,856	333,950	333,950	333950	
12/31/2003	154,361	154,361	154,361	154,361	158,860	162,420	164940		
12/31/2004	518,153	518,153	518,153	518,153	518,153	518153			
12/31/2005	249,259	249,259	249,259	257,975	264801				
12/31/2006	439,960	439,960	439,960	439960					
12/31/2007	331,777	331,777	331777						
12/31/2008	496,045	496045							
12/31/2009	238,698								

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

Increments													
A.Y.E.	<u>27:15</u>	<u>39:27</u>	<u>51:39</u>	<u>63:51</u>	<u>75:63</u>	<u>87:75</u>	<u>99:87</u>	<u>111:99</u>	<u>123:111</u>	<u>135:123</u>	<u>147:135</u>	<u>159:147</u>	<u>171:159</u>
12/31/2001	548,061	68,598	144,161	-3,564	981	0	10,432	6,963	10,042	214	244	0	-57
12/31/2002	27,653	131,588	84,493	58,519	88,507	-63,615	-21,508	0	0	0	0	0	0
12/31/2003	43,500	56,168	22,343	5,773	7,340	60,869	-60,203	0	0	-17	0	0	0
12/31/2004	47,837	88,416	404,521	-46,345	-32,346	0	0	0	0	17,001	-1,785	0	0
12/31/2005	1,683	58,343	60,496	2,430	23,025	31,232	30,759	19,481	610	574	0	0	0
12/31/2006	4,926	86,460	89,343	136,433	46,862	44,670	22,821	3,450	0	0	0	0	0
12/31/2007	67,799	84,369	46,247	58,838	2,189	16,512	5,750	2,828	37,600	0	0	0	0
12/31/2008	192,639	-5,465	220,060	15,461	10,273	12,396	14,458	0	0	0	0	0	0
12/31/2009	-17,280	82,603	42,745	8,469	7,471	0	0	0	0	0	0	0	0
12/31/2010	77,172	13,560	91,586	1,491	-19,412	-1,160	0	0	0	0	0	0	0
12/31/2011	19,591	16,020	14,128	0	0	0	0	0	0	0	0	0	0
12/31/2012	174,755	201,427	52,732	32,478	30,356	-24,360	0	0	0	0	0	0	0
12/31/2013	99,202	141,822	85,687	41,922	-8,541	-82,856	753	0	0	0	0	0	0
12/31/2014	58,415	14,303	8,884	118,567	23,052	5,442	0	0	0	0	0	0	0
12/31/2015	74,573	23,238	-34,214	17,580	0	0	0	0	0	0	0	0	0
12/31/2016	11,422	118,118	60,724	17,288	0	0	0	0	0	0	0	0	0
12/31/2017	24,224	10,798	35,118	0	0	0	0	0	0	0	0	0	0
12/31/2018	53,318	30,828	0	0	0	0	0	0	0	0	0	0	0
12/31/2019	17,916	0	0	0	0	0	0	0	0	0	0	0	0

Incremental Percentages													
A.Y.E.	<u>27:15</u>	<u>39:27</u>	<u>51:39</u>	<u>63:51</u>	<u>75:63</u>	<u>87:75</u>	<u>99:87</u>	<u>111:99</u>	<u>123:111</u>	<u>135:123</u>	<u>147:135</u>	<u>159:147</u>	<u>171:159</u>
12/31/2001	0.5099	0.0638	0.1341	-0.0033	0.0009	0.0000	0.0097	0.0065	0.0093	0.0002	0.0002	0.0000	-0.0001
12/31/2002	0.0528	0.2515	0.1615	0.1118	0.1691	-0.1216	-0.0411	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12/31/2003	0.1166	0.1505	0.0599	0.0155	0.0197	0.1631	-0.1613	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12/31/2004	0.1236	0.2284	1.0451	-0.1197	-0.0836	0.0000	0.0000	0.0000	0.0000	0.0439	-0.0046	0.0000	0.0000
12/31/2005	0.0054	0.1880	0.1949	0.0078	-0.0742	0.1006	0.0991	0.0628	0.0020	0.0018	0.0000	0.0000	0.0000
12/31/2006	0.0198	0.3469	0.3585	0.5475	0.1880	0.1792	0.0916	0.0138	0.0000	0.0000	0.0000	0.0000	0.0000
12/31/2007	0.2258	0.2809	0.1540	0.1959	0.0073	0.0550	0.0191	0.0094	0.1252	0.0000	0.0000	0.0000	0.0000
12/31/2008	0.1863	-0.0053	0.2128	0.0149	0.0099	0.0120	0.0140	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12/31/2009	-0.0279	0.1332	0.0689	0.0137	0.0121	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12/31/2010	0.2293	0.0403	0.2721	0.0044	-0.0577	-0.0034	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12/31/2011	0.0521	0.0426	0.0375	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12/31/2012	0.5320	0.6133	0.1605	0.0989	0.0924	-0.0742	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12/31/2013	0.1585	0.2265	0.1369	0.0670	-0.0136	-0.1324	0.0012	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12/31/2014	0.0634	0.0155	0.0096	0.1287	0.0250	0.0059	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12/31/2015	0.2144	0.0668	-0.0984	0.0505	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12/31/2016	0.0139	0.1439	0.0740	0.0211	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12/31/2017	0.0420	0.0187	0.0608	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12/31/2018	0.1075	0.0621	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12/31/2019	0.0450	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Best 3/5	0.0648	0.0492	0.0481	0.0721	0.0083	-0.0259	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
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Premises / Operations (Subline Code 334)  
 Owners, Landlords and Tenants  
 Full Coverage  
 Multistate  
 Bodily Injury - Occurrence  
 Incurred Accident Year Basic Limits Loss Development Excluding ALAE

\$100,000 Basic Limit Losses as of :

A.Y.E.	15 Months	27 Months	39 Months	51 Months	63 Months	75 Months	87 Months	99 Months	111 Months	123 Months	135 Months
12/31/2001	192,358,641	241,307,492	277,594,110	296,133,295	297,453,799	292,598,633	289,938,147	286,842,008	286,125,105	285,434,689	286,182,454
12/31/2002	185,077,291	239,291,896	288,311,647	307,137,876	303,867,519	299,425,552	296,353,519	295,621,736	294,486,270	294,681,137	294,499,585
12/31/2003	198,951,055	276,875,613	324,688,363	326,690,130	317,226,259	313,125,216	308,421,647	306,834,108	305,953,053	306,327,306	306,333,230
12/31/2004	224,986,130	304,199,419	337,938,719	343,446,335	336,356,382	331,465,490	329,557,934	328,781,251	328,475,882	328,002,291	328,423,934
12/31/2005	243,941,909	304,273,676	339,997,354	343,452,526	335,444,929	331,574,550	328,209,044	327,096,445	326,479,674	326,318,545	326,060,245
12/31/2006	231,687,053	290,449,099	322,001,640	325,308,735	319,637,311	314,125,076	312,274,524	309,909,335	309,532,223	308,817,247	308,835,192
12/31/2007	266,226,010	331,118,415	366,548,782	374,224,391	366,464,133	362,530,384	359,158,934	358,648,025	357,870,323	357,528,133	357,604,998
12/31/2008	258,367,704	326,543,682	362,618,952	365,012,512	358,934,302	353,805,130	351,425,056	349,213,474	348,791,862	348,234,918	348,320,723
12/31/2009	277,447,251	358,276,655	395,445,119	399,213,431	391,862,076	388,924,569	385,250,328	383,237,528	382,300,614	382,127,631	382,160,963
12/31/2010	311,073,751	387,929,655	426,911,171	431,421,277	424,097,879	421,350,238	419,320,069	417,383,475	416,839,457	416,515,707	416,455,228
12/31/2011	312,268,413	400,791,342	446,254,034	450,146,710	442,204,912	438,441,956	434,604,230	434,088,618	433,660,470	433,209,156	
12/31/2012	260,764,693	339,952,690	372,866,617	377,808,608	376,361,155	374,045,032	372,775,587	372,024,705	370,797,736		
12/31/2013	289,323,126	364,515,432	407,625,023	423,660,430	428,296,156	426,794,385	425,824,065	424,912,338			
12/31/2014	286,923,817	377,855,556	446,296,668	481,663,405	483,534,078	483,345,072	479,749,158				
12/31/2015	280,064,949	384,957,050	471,616,835	499,814,014	505,123,736	503,174,952					
12/31/2016	259,789,324	383,091,025	463,409,359	496,092,552	500,848,792						
12/31/2017	285,486,085	416,291,434	508,542,915	540,521,217							
12/31/2018	319,053,357	448,166,841	528,340,690								
12/31/2019	301,674,435	415,841,322									
12/31/2020	176,137,288										

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

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

	Link Ratios										
A.Y.E.	<u>27:15</u>	<u>39:27</u>	<u>51:39</u>	<u>63:51</u>	<u>75:63</u>	<u>87:75</u>	<u>99:87</u>	<u>111:99</u>	<u>123:111</u>	<u>135:123</u>	<u>147:135</u>
12/31/2001	1.254	1.150	1.067	1.004	0.984	0.991	0.989	0.998	0.998	1.003	1.000
12/31/2002	1.293	1.205	1.065	0.989	0.985	0.990	0.998	0.996	1.001	0.999	0.999
12/31/2003	1.392	1.173	1.006	0.971	0.987	0.985	0.995	0.997	1.001	1.000	0.999
12/31/2004	1.352	1.111	1.016	0.979	0.985	0.994	0.998	0.999	0.999	1.001	1.001
12/31/2005	1.247	1.117	1.010	0.977	0.988	0.990	0.997	0.998	1.000	0.999	1.000
12/31/2006	1.254	1.109	1.010	0.983	0.983	0.994	0.992	0.999	0.998	1.000	0.999
12/31/2007	1.244	1.107	1.021	0.979	0.989	0.991	0.999	0.998	0.999	1.000	1.001
12/31/2008	1.264	1.110	1.007	0.983	0.986	0.993	0.994	0.999	0.998	1.000	1.001
12/31/2009	1.291	1.104	1.010	0.982	0.993	0.991	0.995	0.998	1.000	1.000	1.001
12/31/2010	1.247	1.100	1.011	0.983	0.994	0.995	0.995	0.999	0.999	1.000	
12/31/2011	1.283	1.113	1.009	0.982	0.991	0.991	0.999	0.999	0.999		
12/31/2012	1.304	1.097	1.013	0.996	0.994	0.997	0.998	0.997			
12/31/2013	1.260	1.118	1.039	1.011	0.996	0.998	0.998				
12/31/2014	1.317	1.181	1.079	1.004	1.000	0.993					
12/31/2015	1.375	1.225	1.060	1.011	0.996						
12/31/2016	1.475	1.210	1.071	1.010							
12/31/2017	1.458	1.222	1.063								
12/31/2018	1.405	1.179									
12/31/2019	1.378										
3 Yr Mean	1.414	1.204	1.065	1.008	0.997	0.996	0.998	0.998	0.999	1.000	1.001
Best 3/5	1.414	1.204	1.065	1.008	0.995	0.995	0.997	0.999	0.999	1.000	1.001
A.Y.E.	<u>159:147</u>	<u>171:159</u>	<u>183:171</u>	<u>195:183</u>	<u>207:195</u>	<u>219:207</u>	<u>231:219</u>	<u>243:231</u>			
12/31/2001	0.999	1.002	1.001	1.000	1.000	1.000	1.000	1.000			
12/31/2002	1.002	1.000	1.001	1.000	1.001	1.001	1.000	<b>1.000</b>			
12/31/2003	0.999	0.999	1.000	1.001	1.001	1.001	<b>1.001</b>	<b>1.000</b>			
12/31/2004	1.000	1.000	0.999	1.002	1.000	<b>1.000</b>	<b>1.001</b>	<b>1.000</b>			
12/31/2005	1.000	0.999	1.001	1.000	<b>1.000</b>	<b>1.000</b>	<b>1.001</b>	<b>1.000</b>			
12/31/2006	0.999	1.004	1.001								
12/31/2007	1.001	1.000									
12/31/2008	1.002										
3 Yr Mean	1.001	1.001	1.000	1.001	1.001	1.001	1.000	1.000			
Best 3/5	1.000	1.000	1.001	1.000	<b>1.000</b>	<b>1.000</b>	<b>1.001</b>	<b>1.000</b>			
A.Y.E.	<u>15/ 27</u>	<u>27/ 39</u>	<u>39/ 51</u>	<u>51/ 63</u>	<u>63/ 75</u>	<u>75/ 87</u>	<u>87/ 99</u>	<u>99/111</u>	<u>111/123</u>	<u>123/135</u>	<u>135/147</u>
12/31/2016					0.995	0.995	0.997	0.999	0.999	1.000	1.001
12/31/2017				1.008	0.995	0.995	0.997	0.999	0.999	1.000	1.001
12/31/2018			1.065	1.008	0.995	0.995	0.997	0.999	0.999	1.000	1.001
12/31/2019		1.204	1.065	1.008	0.995	0.995	0.997	0.999	0.999	1.000	1.001
12/31/2020	1.414	1.204	1.065	1.008	0.995	0.995	0.997	0.999	0.999	1.000	1.001
A.Y.E	<u>147/159</u>	<u>159/171</u>	<u>171/183</u>	<u>183/195</u>	<u>195/207</u>	<u>207/219</u>	<u>219/231</u>	<u>231/243</u>	<u>243/U1t</u>		<b>FACTORS</b>
12/31/2016	1.000	1.000	1.001	1.000	1.000	1.000	1.001	1.000	<b>1.001</b>		0.989
12/31/2017	1.000	1.000	1.001	1.000	1.000	1.000	1.001	1.000	<b>1.001</b>		0.997
12/31/2018	1.000	1.000	1.001	1.000	1.000	1.000	1.001	1.000	<b>1.001</b>		1.062
12/31/2019	1.000	1.000	1.001	1.000	1.000	1.000	1.001	1.000	<b>1.001</b>		1.278
12/31/2020	1.000	1.000	1.001	1.000	1.000	1.000	1.001	1.000	<b>1.001</b>		1.808

**Bold - Calculated Using Modified Bondy Method**

*Italics - Three year mean Excludes Modified Bondy ratios*



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

\$100,000 Basic Limit Losses as of :

<u>A.Y.E.</u>	<u>15 Months</u>	<u>27 Months</u>	<u>39 Months</u>	<u>51 Months</u>	<u>63 Months</u>	<u>75 Months</u>	<u>87 Months</u>	<u>99 Months</u>	<u>111 Months</u>	<u>123 Months</u>	<u>135 Months</u>
12/31/2001	11,763,086	16,231,873	19,272,695	17,781,993	17,654,746	18,005,632	18,086,344	18,369,527	18,253,218	18,438,220	18,413,094
12/31/2002	13,507,155	17,805,237	17,811,930	18,947,437	20,399,156	19,770,000	19,587,067	19,656,970	19,360,465	19,360,465	19,410,465
12/31/2003	14,307,805	20,866,423	19,108,013	21,983,884	22,715,722	21,799,419	21,241,384	21,069,895	21,038,072	21,027,195	21,103,605
12/31/2004	17,139,421	19,168,413	24,645,367	25,455,365	23,130,650	22,271,462	22,023,236	21,918,889	21,850,764	21,887,240	21,917,239
12/31/2005	15,043,882	19,374,370	21,247,142	19,832,727	19,156,473	18,732,595	18,611,788	18,749,325	18,581,275	18,609,082	18,614,082
12/31/2006	14,937,692	20,226,893	24,699,390	25,424,460	23,771,398	23,879,829	23,607,024	23,519,581	23,589,847	23,677,657	23,677,660
12/31/2007	16,271,980	20,518,057	23,471,753	23,464,723	23,165,037	22,738,688	22,621,352	22,807,016	22,731,425	22,623,492	22,462,399
12/31/2008	16,983,974	21,612,323	22,534,942	22,566,222	23,094,290	22,350,340	22,615,440	22,551,858	22,385,170	22,351,289	22,301,785
12/31/2009	13,959,128	16,296,856	19,106,974	20,022,333	19,902,738	20,043,921	20,041,976	20,001,237	19,994,362	20,021,581	20,084,330
12/31/2010	11,878,339	14,218,115	17,032,606	17,093,127	16,810,983	16,427,294	16,217,370	15,994,012	15,938,140	15,958,657	15,958,657
12/31/2011	11,487,041	15,247,990	17,372,353	18,473,521	18,401,210	18,470,760	18,673,171	18,618,244	18,607,231	18,406,897	
12/31/2012	10,115,404	14,083,609	14,922,339	15,437,665	15,091,617	15,196,327	15,667,444	15,417,731	15,256,683		
12/31/2013	14,058,456	16,957,439	19,555,386	21,028,233	20,866,271	21,208,964	21,518,548	21,410,305			
12/31/2014	12,943,723	18,044,331	21,337,403	23,189,825	23,538,902	23,539,311	23,747,377				
12/31/2015	16,229,095	23,600,595	28,258,194	30,187,954	31,339,073	30,994,767					
12/31/2016	14,264,442	21,717,202	26,090,893	27,581,250	27,181,535						
12/31/2017	16,953,846	26,129,256	31,634,062	32,833,043							
12/31/2018	19,249,806	27,884,723	32,690,148								
12/31/2019	21,228,776	29,461,602									
12/31/2020	14,448,456										

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

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

Link Ratios											
A.Y.E.	<u>27:15</u>	<u>39:27</u>	<u>51:39</u>	<u>63:51</u>	<u>75:63</u>	<u>87:75</u>	<u>99:87</u>	<u>111:99</u>	<u>123:111</u>	<u>135:123</u>	<u>147:135</u>
12/31/2001	1.380	1.187	0.923	0.993	1.020	1.004	1.016	0.994	1.010	0.999	1.005
12/31/2002	1.318	1.000	1.064	1.077	0.969	0.991	1.004	0.985	1.000	1.003	1.000
12/31/2003	1.458	0.916	1.151	1.033	0.960	0.974	0.992	0.998	0.999	1.004	1.001
12/31/2004	1.118	1.286	1.033	0.909	0.963	0.989	0.995	0.997	1.002	1.001	1.000
12/31/2005	1.288	1.097	0.933	0.966	0.978	0.994	1.007	0.991	1.001	1.000	1.000
12/31/2006	1.354	1.221	1.029	0.935	1.005	0.989	0.996	1.003	1.004	1.000	0.994
12/31/2007	1.261	1.144	1.000	0.987	0.982	0.995	1.008	0.997	0.995	0.993	1.000
12/31/2008	1.273	1.043	1.001	1.023	0.968	1.012	0.997	0.993	0.998	0.998	1.000
12/31/2009	1.167	1.172	1.048	0.994	1.007	1.000	0.998	1.000	1.001	1.003	1.001
12/31/2010	1.197	1.198	1.004	0.983	0.977	0.987	0.986	0.997	1.001	1.000	
12/31/2011	1.327	1.139	1.063	0.996	1.004	1.011	0.997	0.999	0.989		
12/31/2012	1.392	1.060	1.035	0.978	1.007	1.031	0.984	0.990			
12/31/2013	1.206	1.153	1.075	0.992	1.016	1.015	0.995				
12/31/2014	1.394	1.182	1.087	1.015	1.000	1.009					
12/31/2015	1.454	1.197	1.068	1.038	0.989						
12/31/2016	1.522	1.201	1.057	0.986							
12/31/2017	1.541	1.211	1.038								
12/31/2018	1.449	1.172									
12/31/2019	1.388										
3 Yr Mean	1.459	1.195	1.054	1.013	1.002	1.018	0.992	0.995	0.997	1.000	1.000
Best 3/5	1.475	1.193	1.067	0.998	1.004	1.012	0.993	0.996	0.998	0.999	1.000
A.Y.E.	<u>159:147</u>	<u>171:159</u>	<u>183:171</u>	<u>195:183</u>	<u>207:195</u>	<u>219:207</u>	<u>231:219</u>	<u>243:231</u>			
12/31/2001	1.000	1.002	1.001	1.000	1.005	1.000	1.000	1.000			
12/31/2002	0.999	1.010	0.997	1.005	1.000	1.000	1.000	<b>1.000</b>			
12/31/2003	1.001	1.002	1.000	1.001	0.999	1.000	<b>1.000</b>	<b>1.000</b>			
12/31/2004	1.000	1.000	1.000	1.000	1.000	<b>1.000</b>	<b>1.000</b>	<b>1.000</b>			
12/31/2005	1.000	1.000	1.003	1.000	<b>1.000</b>	<b>1.000</b>	<b>1.000</b>	<b>1.000</b>			
12/31/2006	1.000	1.000	1.002								
12/31/2007	1.000	1.000									
12/31/2008	1.000										
3 Yr Mean	1.000	1.000	1.002	1.000	1.000	1.000	1.000	1.000			
Best 3/5	1.000	1.000	1.001	1.000	<b>1.000</b>	<b>1.000</b>	<b>1.000</b>	<b>1.000</b>			
Development From											
A.Y.E.	<u>15/ 27</u>	<u>27/ 39</u>	<u>39/ 51</u>	<u>51/ 63</u>	<u>63/ 75</u>	<u>75/ 87</u>	<u>87/ 99</u>	<u>99/111</u>	<u>111/123</u>	<u>123/135</u>	<u>135/147</u>
12/31/2016					1.004	1.012	0.993	0.996	0.998	0.999	1.000
12/31/2017				0.998	1.004	1.012	0.993	0.996	0.998	0.999	1.000
12/31/2018			1.067	0.998	1.004	1.012	0.993	0.996	0.998	0.999	1.000
12/31/2019		1.193	1.067	0.998	1.004	1.012	0.993	0.996	0.998	0.999	1.000
12/31/2020	1.475	1.193	1.067	0.998	1.004	1.012	0.993	0.996	0.998	0.999	1.000
A.Y.E	<u>147/159</u>	<u>159/171</u>	<u>171/183</u>	<u>183/195</u>	<u>195/207</u>	<u>207/219</u>	<u>219/231</u>	<u>231/243</u>	<u>243/Ult</u>	<b>FACTORS</b>	
12/31/2016	1.000	1.000	1.001	1.000	1.000	1.000	1.000	1.000	<b>1.000</b>	1.003	
12/31/2017	1.000	1.000	1.001	1.000	1.000	1.000	1.000	1.000	<b>1.000</b>	1.001	
12/31/2018	1.000	1.000	1.001	1.000	1.000	1.000	1.000	1.000	<b>1.000</b>	1.068	
12/31/2019	1.000	1.000	1.001	1.000	1.000	1.000	1.000	1.000	<b>1.000</b>	1.274	
12/31/2020	1.000	1.000	1.001	1.000	1.000	1.000	1.000	1.000	<b>1.000</b>	1.879	

**Bold - Calculated Using Modified Bondy Method**

*Italics - Three year mean Excludes Modified Bondy ratios*

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

<u>A.Y.E.</u>	<u>15 Months</u>	<u>27 Months</u>	<u>39 Months</u>	<u>51 Months</u>	<u>63 Months</u>	<u>75 Months</u>	<u>87 Months</u>	<u>99 Months</u>	<u>111 Months</u>	<u>123 Months</u>	<u>135 Months</u>
12/31/2001	30,628,024	53,432,836	78,828,120	99,903,330	111,755,961	120,033,773	124,306,305	126,549,491	128,936,216	130,735,201	131,559,775
12/31/2002	29,800,216	55,334,178	86,592,538	110,872,510	125,120,823	129,942,109	133,024,142	134,641,810	134,066,636	135,298,294	135,518,562
12/31/2003	30,781,549	61,234,976	95,577,869	118,012,181	131,748,081	136,661,200	138,419,773	140,711,638	142,023,006	142,789,314	143,626,874
12/31/2004	31,165,271	64,228,077	97,469,271	124,550,548	136,293,266	140,603,188	143,069,581	144,404,133	146,128,325	146,541,628	147,427,170
12/31/2005	27,014,869	59,469,716	96,903,098	121,496,014	131,551,344	136,644,803	139,263,335	140,713,073	142,145,140	143,064,770	143,642,486
12/31/2006	25,910,062	59,109,824	98,437,747	119,960,335	134,871,474	139,555,651	141,731,542	141,212,872	142,526,049	145,510,282	145,987,740
12/31/2007	27,089,902	63,466,511	108,966,281	138,885,591	153,405,907	157,821,927	159,828,697	161,530,520	163,442,063	163,323,459	163,274,692
12/31/2008	23,671,708	66,016,908	109,611,697	141,682,466	159,329,335	164,574,876	167,992,637	169,796,704	170,717,969	171,136,259	171,648,418
12/31/2009	33,949,356	74,477,059	123,424,681	156,455,593	171,093,403	178,803,350	183,328,128	186,605,897	187,210,589	191,296,754	195,660,087
12/31/2010	38,830,148	85,514,782	140,931,842	172,993,056	191,107,533	198,682,113	201,963,286	204,438,541	205,365,000	206,102,625	208,012,140
12/31/2011	41,485,591	91,231,310	150,079,955	186,854,383	203,240,758	210,285,705	214,851,113	215,357,211	216,025,179	216,579,886	
12/31/2012	36,372,765	82,042,689	134,553,726	171,113,370	190,368,956	196,622,928	200,209,453	202,766,225	203,933,843		
12/31/2013	43,233,959	95,663,506	151,088,846	200,934,001	222,605,004	227,409,139	233,054,450	235,152,754			
12/31/2014	45,350,890	101,393,329	165,497,675	212,020,005	236,808,546	244,649,465	247,773,938				
12/31/2015	46,389,972	102,719,695	172,713,491	217,590,708	238,280,714	245,099,186					
12/31/2016	40,892,519	94,831,369	163,061,362	207,414,426	227,860,418						
12/31/2017	42,945,966	100,429,637	168,388,525	215,026,217							
12/31/2018	47,255,898	102,877,781	170,064,216								
12/31/2019	38,341,425	88,845,074									
12/31/2020	25,497,255										
	<u>147 Months</u>	<u>159 Months</u>	<u>171 Months</u>	<u>183 Months</u>	<u>195 Months</u>	<u>207 Months</u>	<u>219 Months</u>	<u>231 Months</u>	<u>243 Months</u>		
12/31/2001	131,606,698	132,585,816	135,041,916	136,024,735	135,913,780	136,215,816	136,824,059	136,779,051	136,754,030		
12/31/2002	135,630,554	136,265,869	136,557,469	136,752,229	137,023,999	137,444,390	137,551,954	137,676,974			
12/31/2003	144,568,919	145,230,190	145,100,293	145,046,444	145,164,209	145,213,531	145,556,062				
12/31/2004	148,170,747	149,037,089	150,077,373	152,954,748	154,501,252	154,555,495					
12/31/2005	145,001,275	143,661,695	143,777,069	143,756,741	143,782,589						
12/31/2006	146,143,296	146,618,744	146,753,788	147,186,539							
12/31/2007	163,251,884	163,413,211	163,953,888								
12/31/2008	172,031,406	172,415,241									
12/31/2009	196,231,231										

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

	Increments												
A.Y.E.	<u>27:15</u>	<u>39:27</u>	<u>51:39</u>	<u>63:51</u>	<u>75:63</u>	<u>87:75</u>	<u>99:87</u>	<u>111:99</u>	<u>123:111</u>	<u>135:123</u>	<u>147:135</u>	<u>159:147</u>	<u>171:159</u>
12/31/2001	22,804,812	25,395,284	21,075,210	11,852,631	8,277,812	4,272,532	2,243,186	2,386,725	1,798,985	824,574	46,923	979,118	2,456,100
12/31/2002	25,533,962	31,258,360	24,279,972	14,248,313	4,821,286	3,082,033	1,617,668	-575,174	1,231,658	220,268	111,992	635,315	291,600
12/31/2003	30,453,427	34,342,893	22,434,312	13,735,900	4,913,119	1,758,573	2,291,865	1,311,368	766,308	837,560	942,045	661,271	-129,897
12/31/2004	33,062,806	33,241,194	27,081,277	11,742,718	4,309,922	2,466,393	1,334,552	1,724,192	413,303	885,542	743,577	866,342	1,040,284
12/31/2005	32,454,847	37,433,382	24,592,916	10,055,330	5,093,459	2,618,532	1,449,738	1,432,067	919,630	577,716	1,358,789	-1,339,580	115,374
12/31/2006	33,199,762	39,327,923	21,522,588	14,911,139	4,684,177	2,175,891	-518,670	1,313,177	2,984,233	477,458	155,556	475,448	135,044
12/31/2007	36,376,609	45,499,770	29,919,310	14,520,316	4,416,020	2,006,770	1,701,823	1,911,543	-118,604	-48,767	-22,808	161,327	540,677
12/31/2008	42,345,200	43,594,789	32,070,769	17,646,869	5,245,541	3,417,761	1,804,067	921,265	418,290	512,159	382,988	383,835	
12/31/2009	40,527,703	48,947,622	33,030,912	14,637,810	7,709,947	4,524,778	3,277,769	604,692	4,086,165	4,363,333	571,144		
12/31/2010	46,684,634	55,417,060	32,061,214	18,114,477	7,574,580	3,281,173	2,475,255	926,459	737,625	1,909,515			
12/31/2011	49,745,719	58,848,645	36,774,428	16,386,375	7,044,947	4,565,408	506,098	667,968	554,707				
12/31/2012	45,669,924	52,511,037	36,559,644	19,255,586	6,253,972	3,586,525	2,556,772	1,167,618					
12/31/2013	52,429,547	55,425,340	49,845,155	21,671,003	4,804,135	5,645,311	2,098,304						
12/31/2014	56,042,439	64,104,346	46,522,330	24,788,541	7,840,919	3,124,473							
12/31/2015	56,329,723	69,993,796	44,877,217	20,690,006	6,818,472								
12/31/2016	53,938,850	68,229,993	44,353,064	20,445,992									
12/31/2017	57,483,671	67,958,888	46,637,692										
12/31/2018	55,621,883	67,186,435											
12/31/2019	50,503,649												

	Incremental Percentages												
A.Y.E.	<u>27:15</u>	<u>39:27</u>	<u>51:39</u>	<u>63:51</u>	<u>75:63</u>	<u>87:75</u>	<u>99:87</u>	<u>111:99</u>	<u>123:111</u>	<u>135:123</u>	<u>147:135</u>	<u>159:147</u>	<u>171:159</u>
12/31/2001	0.0536	0.0597	0.0495	0.0279	0.0195	0.0100	0.0053	0.0056	0.0042	0.0019	0.0001	0.0023	0.0058
12/31/2002	0.0581	0.0711	0.0552	0.0324	0.0110	0.0070	0.0037	-0.0013	0.0028	0.0005	0.0003	0.0014	0.0007
12/31/2003	0.0681	0.0768	0.0502	0.0307	0.0110	0.0039	0.0051	0.0029	0.0017	0.0019	0.0021	0.0015	-0.0003
12/31/2004	0.0689	0.0693	0.0565	0.0245	0.0090	0.0051	0.0028	0.0036	0.0009	0.0018	0.0016	0.0018	0.0022
12/31/2005	0.0674	0.0777	0.0510	0.0209	0.0106	0.0054	0.0030	0.0030	0.0019	0.0012	0.0028	-0.0028	0.0002
12/31/2006	0.0718	0.0850	0.0465	0.0322	0.0101	0.0047	-0.0011	0.0028	0.0065	0.0010	0.0003	0.0010	0.0003
12/31/2007	0.0657	0.0821	0.0540	0.0262	0.0080	0.0036	0.0031	0.0035	-0.0002	-0.0001	0.0000	0.0003	0.0010
12/31/2008	0.0806	0.0830	0.0610	0.0336	0.0100	0.0065	0.0034	0.0018	0.0008	0.0010	0.0007	0.0007	
12/31/2009	0.0692	0.0836	0.0564	0.0250	0.0132	0.0077	0.0056	0.0010	0.0070	0.0075	0.0010		
12/31/2010	0.0727	0.0863	0.0499	0.0282	0.0118	0.0051	0.0039	0.0014	0.0011	0.0030			
12/31/2011	0.0739	0.0874	0.0546	0.0244	0.0105	0.0068	0.0008	0.0010	0.0008				
12/31/2012	0.0750	0.0863	0.0601	0.0316	0.0103	0.0059	0.0042	0.0019					
12/31/2013	0.0750	0.0793	0.0713	0.0310	0.0069	0.0081	0.0030						
12/31/2014	0.0717	0.0820	0.0595	0.0317	0.0100	0.0040							
12/31/2015	0.0683	0.0848	0.0544	0.0251	0.0083								
12/31/2016	0.0641	0.0811	0.0527	0.0243									
12/31/2017	0.0625	0.0739	0.0507										
12/31/2018	0.0572	0.0691											
12/31/2019	0.0548												

Best 3/5	0.0613	0.0790	0.0555	0.0292	0.0095	0.0059	0.0037	0.0014	0.0009	0.0017	0.0007	0.0007	0.0005
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Premises / Operations (Subline Code 334)  
 Owners, Landlords and Tenants  
 Full Coverage  
 Multistate  
 Property Damage - Occurrence  
 Incurred Accident Year Basic Limits Loss Development Excluding ALAE

\$100,000 Basic Limit Losses as of :

<u>A.Y.E.</u>	<u>15 Months</u>	<u>27 Months</u>	<u>39 Months</u>	<u>51 Months</u>	<u>63 Months</u>	<u>75 Months</u>	<u>87 Months</u>	<u>99 Months</u>	<u>111 Months</u>	<u>123 Months</u>	<u>135 Months</u>
12/31/2001	28,792,465	33,270,807	35,981,290	36,875,653	37,180,265	37,977,411	38,064,037	38,804,880	39,132,058	39,471,227	39,678,542
12/31/2002	27,470,087	30,643,922	32,922,690	34,889,009	35,510,423	35,983,451	36,174,014	36,333,959	36,320,027	36,448,722	36,760,612
12/31/2003	28,315,463	31,061,447	33,288,982	35,154,594	37,228,381	37,124,626	37,254,091	36,943,152	37,109,516	37,076,111	37,175,583
12/31/2004	27,410,341	31,631,842	33,790,183	34,484,696	35,469,999	35,205,861	35,134,990	35,141,765	35,728,316	36,259,160	36,313,890
12/31/2005	24,935,995	29,384,478	30,830,443	31,206,464	31,320,894	31,439,821	31,468,885	31,749,054	31,973,083	32,234,068	31,715,072
12/31/2006	26,229,875	27,073,840	28,829,320	29,873,259	30,269,814	30,685,353	31,114,777	31,356,600	31,725,932	31,690,709	31,966,358
12/31/2007	27,903,908	31,448,592	32,640,196	34,294,580	33,631,538	33,501,733	34,587,758	35,304,591	35,411,292	35,467,048	35,385,331
12/31/2008	31,743,888	34,297,631	35,559,054	35,784,027	36,349,518	37,084,572	36,928,677	36,232,077	36,694,007	36,703,708	36,738,157
12/31/2009	32,772,635	36,857,546	39,234,048	39,513,982	39,928,620	40,239,843	40,191,218	40,416,243	40,636,850	40,919,073	41,073,772
12/31/2010	37,002,694	40,961,856	41,554,073	42,789,640	42,442,659	42,413,585	42,802,068	43,279,332	43,075,154	43,098,063	43,310,728
12/31/2011	44,215,201	47,165,365	48,077,521	48,349,355	48,836,354	48,821,708	49,341,055	49,823,415	49,995,575	50,162,344	
12/31/2012	38,200,053	40,291,792	41,811,517	41,820,319	42,210,531	42,372,390	42,808,940	43,164,816	43,230,398		
12/31/2013	40,648,525	45,406,262	45,337,567	46,600,333	47,595,895	48,834,850	48,922,272	49,206,818			
12/31/2014	45,263,364	45,123,304	47,570,993	49,618,203	50,299,838	50,947,656	50,870,567				
12/31/2015	39,846,712	43,471,466	50,262,094	52,748,355	53,350,281	53,328,893					
12/31/2016	34,054,929	41,409,672	43,594,383	46,319,080	46,146,093						
12/31/2017	37,603,852	46,123,520	51,298,450	52,743,322							
12/31/2018	41,323,787	50,527,274	52,754,513								
12/31/2019	42,914,041	48,416,601									
12/31/2020	32,933,174										

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

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

Link Ratios											
A.Y.E.	<u>27:15</u>	<u>39:27</u>	<u>51:39</u>	<u>63:51</u>	<u>75:63</u>	<u>87:75</u>	<u>99:87</u>	<u>111:99</u>	<u>123:111</u>	<u>135:123</u>	<u>147:135</u>
12/31/2001	1.156	1.081	1.025	1.008	1.021	1.002	1.019	1.008	1.009	1.005	1.006
12/31/2002	1.116	1.074	1.060	1.018	1.013	1.005	1.004	1.000	1.004	1.009	1.005
12/31/2003	1.097	1.072	1.056	1.059	0.997	1.003	0.992	1.005	0.999	1.003	1.004
12/31/2004	1.154	1.068	1.021	1.029	0.993	0.998	1.000	1.017	1.015	1.002	1.000
12/31/2005	1.178	1.049	1.012	1.004	1.004	1.001	1.009	1.007	1.008	0.984	1.005
12/31/2006	1.032	1.065	1.036	1.013	1.014	1.014	1.008	1.012	0.999	1.009	1.001
12/31/2007	1.127	1.038	1.051	0.981	0.996	1.032	1.021	1.003	1.002	0.998	0.996
12/31/2008	1.080	1.037	1.006	1.016	1.020	0.996	0.981	1.013	1.000	1.001	1.007
12/31/2009	1.125	1.064	1.007	1.010	1.008	0.999	1.006	1.005	1.007	1.004	1.014
12/31/2010	1.107	1.014	1.030	0.992	0.999	1.009	1.011	0.995	1.001	1.005	
12/31/2011	1.067	1.019	1.006	1.010	1.000	1.011	1.010	1.003	1.003		
12/31/2012	1.055	1.038	1.000	1.009	1.004	1.010	1.008	1.002			
12/31/2013	1.117	0.998	1.028	1.021	1.026	1.002	1.006				
12/31/2014	0.997	1.054	1.043	1.014	1.013	0.998					
12/31/2015	1.091	1.156	1.049	1.011	1.000						
12/31/2016	1.216	1.053	1.063	0.996							
12/31/2017	1.227	1.112	1.028								
12/31/2018	1.223	1.044									
12/31/2019	1.128										
3 Yr Mean	1.193	1.070	1.047	1.007	1.013	1.003	1.008	1.000	1.004	1.003	1.006
Best 3/5	1.189	1.073	1.040	1.011	1.006	1.007	1.008	1.003	1.002	1.003	1.004
12/31/2001	<u>159:147</u>	<u>171:159</u>	<u>183:171</u>	<u>195:183</u>	<u>207:195</u>	<u>219:207</u>	<u>231:219</u>	<u>243:231</u>			
12/31/2002	1.007	0.993	1.001	1.000	1.004	1.001	1.000	1.001			
12/31/2003	1.001	1.005	1.003	1.003	1.002	0.999	1.002	<b>1.001</b>			
12/31/2004	1.000	1.000	1.002	1.003	1.002	1.002	<b>1.001</b>	<b>1.001</b>			
12/31/2005	1.000	1.004	1.000	1.001	1.001	<b>1.002</b>	<b>1.001</b>	<b>1.001</b>			
12/31/2006	0.998	0.997	1.002	1.002	<b>1.002</b>	<b>1.002</b>	<b>1.001</b>	<b>1.001</b>			
12/31/2007	1.000	1.002	1.004								
12/31/2008	0.999	1.001									
12/31/2009	1.004										
3 Yr Mean	1.001	1.000	1.002	1.002	<i>1.002</i>	<i>1.001</i>	<i>1.001</i>	<i>1.001</i>			
Best 3/5	1.000	1.001	1.002	1.002	<b>1.002</b>	<b>1.002</b>	<b>1.001</b>	<b>1.001</b>			
Development From											
A.Y.E.	<u>15/ 27</u>	<u>27/ 39</u>	<u>39/ 51</u>	<u>51/ 63</u>	<u>63/ 75</u>	<u>75/ 87</u>	<u>87/ 99</u>	<u>99/111</u>	<u>111/123</u>	<u>123/135</u>	<u>135/147</u>
12/31/2016					1.006	1.007	1.008	1.003	1.002	1.003	1.004
12/31/2017				1.011	1.006	1.007	1.008	1.003	1.002	1.003	1.004
12/31/2018			1.040	1.011	1.006	1.007	1.008	1.003	1.002	1.003	1.004
12/31/2019		1.073	1.040	1.011	1.006	1.007	1.008	1.003	1.002	1.003	1.004
12/31/2020	1.189	1.073	1.040	1.011	1.006	1.007	1.008	1.003	1.002	1.003	1.004
A.Y.E	<u>147/159</u>	<u>159/171</u>	<u>171/183</u>	<u>183/195</u>	<u>195/207</u>	<u>207/219</u>	<u>219/231</u>	<u>231/243</u>	<u>243/U1t</u>	<b>FACTORS</b>	
12/31/2016	1.000	1.001	1.002	1.002	1.002	1.002	1.001	1.001	<b>1.004</b>	1.049	
12/31/2017	1.000	1.001	1.002	1.002	1.002	1.002	1.001	1.001	<b>1.004</b>	1.061	
12/31/2018	1.000	1.001	1.002	1.002	1.002	1.002	1.001	1.001	<b>1.004</b>	1.103	
12/31/2019	1.000	1.001	1.002	1.002	1.002	1.002	1.001	1.001	<b>1.004</b>	1.184	
12/31/2020	1.000	1.001	1.002	1.002	1.002	1.002	1.001	1.001	<b>1.004</b>	1.407	

**Bold - Calculated Using Modified Bondy Method**

*Italics - Three year mean Excludes Modified Bondy ratios*

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

\$100,000 Basic Limit Losses as of :

<u>A.Y.E.</u>	<u>15 Months</u>	<u>27 Months</u>	<u>39 Months</u>	<u>51 Months</u>	<u>63 Months</u>	<u>75 Months</u>	<u>87 Months</u>	<u>99 Months</u>	<u>111 Months</u>	<u>123 Months</u>	<u>135 Months</u>
12/31/2001	2,163,528	2,212,658	2,511,477	2,550,857	2,566,555	2,583,144	2,525,077	2,522,675	2,777,633	2,787,579	2,961,944
12/31/2002	1,463,881	1,816,281	2,064,853	1,870,173	1,925,928	1,874,369	1,769,781	1,762,063	1,766,561	1,773,061	1,772,061
12/31/2003	1,735,560	2,060,476	2,040,874	2,510,532	2,472,915	2,463,318	2,546,325	2,563,492	2,533,992	2,484,492	2,448,492
12/31/2004	1,606,744	2,111,799	2,177,196	2,895,283	2,757,673	2,857,559	2,796,058	2,805,128	2,798,178	2,900,240	2,898,839
12/31/2005	1,681,017	1,923,874	2,405,482	2,305,035	2,272,403	2,278,029	2,322,478	2,513,977	2,337,056	2,349,201	2,349,078
12/31/2006	1,664,169	1,717,692	2,006,398	2,118,282	2,396,978	2,164,514	2,267,895	2,549,917	2,360,784	2,460,783	2,396,122
12/31/2007	1,536,484	1,935,493	1,911,776	2,011,187	2,038,566	2,054,478	1,965,903	1,962,978	1,962,978	1,962,978	1,962,979
12/31/2008	1,658,559	1,705,341	1,735,659	2,007,568	1,992,369	1,932,431	2,000,921	2,003,920	1,970,921	1,970,922	2,007,231
12/31/2009	1,869,199	1,785,091	1,763,956	1,826,946	1,809,337	1,820,478	1,812,600	1,865,178	1,865,178	1,871,178	1,863,647
12/31/2010	1,571,260	1,720,435	1,730,562	1,723,443	1,718,944	1,768,444	1,793,450	1,767,454	1,672,653	1,672,454	1,672,454
12/31/2011	1,384,850	1,623,141	1,852,366	1,941,249	2,211,915	2,283,926	2,397,125	2,271,125	2,259,610	2,146,991	
12/31/2012	986,147	1,486,562	1,613,314	1,873,126	1,935,231	1,935,765	2,138,254	2,170,837	2,184,780		
12/31/2013	1,953,147	2,138,783	1,913,014	1,957,794	1,904,443	1,949,443	1,949,443	2,054,441			
12/31/2014	1,735,596	1,544,520	1,735,375	1,837,535	1,807,671	1,807,666	1,902,666				
12/31/2015	2,438,320	2,625,662	2,718,253	2,703,391	2,858,966	3,094,831					
12/31/2016	1,731,475	2,084,349	2,345,136	2,714,934	2,755,010						
12/31/2017	2,434,404	3,098,157	3,727,033	3,654,528							
12/31/2018	2,867,360	3,658,797	3,821,872								
12/31/2019	2,796,327	2,764,233									
12/31/2020	3,124,289										

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

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

Link Ratios											
A.Y.E.	<u>27:15</u>	<u>39:27</u>	<u>51:39</u>	<u>63:51</u>	<u>75:63</u>	<u>87:75</u>	<u>99:87</u>	<u>111:99</u>	<u>123:111</u>	<u>135:123</u>	<u>147:135</u>
12/31/2001	1.023	1.135	1.016	1.006	1.006	0.978	0.999	1.101	1.004	1.063	0.966
12/31/2002	1.241	1.137	0.906	1.030	0.973	0.944	0.996	1.003	1.004	0.999	1.000
12/31/2003	1.187	0.990	1.230	0.985	0.996	1.034	1.007	0.988	0.980	0.986	1.000
12/31/2004	1.314	1.031	1.330	0.952	1.036	0.978	1.003	0.998	1.036	1.000	1.034
12/31/2005	1.144	1.250	0.958	0.986	1.002	1.020	1.082	0.930	1.005	1.000	1.000
12/31/2006	1.032	1.168	1.056	1.132	0.903	1.048	1.124	0.926	1.042	0.974	1.040
12/31/2007	1.260	0.988	1.052	1.014	1.008	0.957	0.999	1.000	1.000	1.000	1.000
12/31/2008	1.028	1.018	1.157	0.992	0.970	1.035	1.001	0.984	1.000	1.018	0.990
12/31/2009	0.955	0.988	1.036	0.990	1.006	0.996	1.029	1.000	1.003	0.996	1.000
12/31/2010	1.095	1.006	0.996	0.997	1.029	1.014	0.986	0.946	1.000	1.000	
12/31/2011	1.172	1.141	1.048	1.139	1.033	1.050	0.947	0.995	0.950		
12/31/2012	1.507	1.085	1.161	1.033	1.000	1.105	1.015	1.006			
12/31/2013	1.095	0.894	1.023	0.973	1.024	1.000	1.054				
12/31/2014	0.890	1.124	1.059	0.984	1.000	1.053					
12/31/2015	1.077	1.035	0.995	1.058	1.083						
12/31/2016	1.204	1.125	1.158	1.015							
12/31/2017	1.273	1.203	0.981								
12/31/2018	1.276	1.045									
12/31/2019	0.989										
3 Yr Mean	1.179	1.124	1.045	1.019	1.036	1.053	1.005	0.982	0.984	1.005	0.997
Best 3/5	1.185	1.098	1.026	1.011	1.019	1.039	1.010	0.993	1.000	0.999	1.000
A.Y.E.	<u>159:147</u>	<u>171:159</u>	<u>183:171</u>	<u>195:183</u>	<u>207:195</u>	<u>219:207</u>	<u>231:219</u>	<u>243:231</u>			
12/31/2001	1.008	0.957	1.000	1.005	1.036	1.002	1.000	1.000			
12/31/2002	1.000	1.000	1.000	1.056	1.003	1.000	1.000	<b>1.000</b>			
12/31/2003	1.041	1.000	1.118	1.002	1.000	1.000	<b>1.000</b>	<b>1.000</b>			
12/31/2004	1.001	1.000	1.000	1.000	1.000	<b>1.001</b>	<b>1.000</b>	<b>1.000</b>			
12/31/2005	1.000	1.002	1.000	1.000	<b>1.002</b>	<b>1.001</b>	<b>1.000</b>	<b>1.000</b>			
12/31/2006	1.032	1.004	0.996								
12/31/2007	1.003	0.997									
12/31/2008	1.000										
3 Yr Mean	1.012	1.001	0.999	1.001	<i>1.001</i>	<i>1.001</i>	<i>1.000</i>	<i>1.000</i>			
Best 3/5	1.001	1.001	1.000	1.002	<b>1.002</b>	<b>1.001</b>	<b>1.000</b>	<b>1.000</b>			
Development From											
A.Y.E.	<u>15/ 27</u>	<u>27/ 39</u>	<u>39/ 51</u>	<u>51/ 63</u>	<u>63/ 75</u>	<u>75/ 87</u>	<u>87/ 99</u>	<u>99/111</u>	<u>111/123</u>	<u>123/135</u>	<u>135/147</u>
12/31/2016					1.019	1.039	1.010	0.993	1.000	0.999	1.000
12/31/2017				1.011	1.019	1.039	1.010	0.993	1.000	0.999	1.000
12/31/2018			1.026	1.011	1.019	1.039	1.010	0.993	1.000	0.999	1.000
12/31/2019		1.098	1.026	1.011	1.019	1.039	1.010	0.993	1.000	0.999	1.000
12/31/2020	1.185	1.098	1.026	1.011	1.019	1.039	1.010	0.993	1.000	0.999	1.000
A.Y.E	<u>147/159</u>	<u>159/171</u>	<u>171/183</u>	<u>183/195</u>	<u>195/207</u>	<u>207/219</u>	<u>219/231</u>	<u>231/243</u>	<u>243/Ult</u>		<b>FACTORS</b>
12/31/2016	1.001	1.001	1.000	1.002	1.002	1.001	1.000	1.000	<b>1.000</b>		1.068
12/31/2017	1.001	1.001	1.000	1.002	1.002	1.001	1.000	1.000	<b>1.000</b>		1.080
12/31/2018	1.001	1.001	1.000	1.002	1.002	1.001	1.000	1.000	<b>1.000</b>		1.108
12/31/2019	1.001	1.001	1.000	1.002	1.002	1.001	1.000	1.000	<b>1.000</b>		1.217
12/31/2020	1.001	1.001	1.000	1.002	1.002	1.001	1.000	1.000	<b>1.000</b>		1.442

**Bold - Calculated Using Modified Bondy Method**

*Italics - Three year mean Excludes Modified Bondy ratios*



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

<u>A.Y.E.</u>	<u>15 Months</u>	<u>27 Months</u>	<u>39 Months</u>	<u>51 Months</u>	<u>63 Months</u>	<u>75 Months</u>	<u>87 Months</u>	<u>99 Months</u>	<u>111 Months</u>	<u>123 Months</u>	<u>135 Months</u>
12/31/2001	5,816,512	10,846,386	15,259,308	19,029,181	22,310,439	27,007,126	31,396,552	36,436,618	38,917,684	38,436,517	39,386,439
12/31/2002	2,940,769	5,832,741	9,370,696	14,536,236	20,863,852	24,279,328	26,067,186	26,872,884	27,574,013	27,901,616	28,023,219
12/31/2003	3,727,750	7,040,179	10,830,955	14,133,870	18,305,339	19,496,172	20,889,974	21,512,723	21,877,663	22,594,085	22,960,396
12/31/2004	4,399,976	8,024,750	12,058,361	14,863,507	18,888,023	21,754,636	22,757,559	23,808,886	24,239,411	24,779,282	25,700,523
12/31/2005	2,437,330	6,690,881	10,175,731	13,941,921	17,094,153	18,180,509	19,994,535	22,124,562	23,520,131	24,477,657	27,318,633
12/31/2006	3,096,271	6,583,080	11,073,798	14,424,289	17,403,090	18,712,806	19,873,013	19,967,006	21,441,764	21,271,639	21,741,111
12/31/2007	4,518,337	8,764,719	12,373,254	15,622,097	18,044,274	20,218,390	22,728,767	23,594,190	24,028,200	24,708,074	24,883,976
12/31/2008	4,071,310	9,203,753	13,327,753	18,444,985	22,848,756	25,209,948	26,441,254	27,729,177	29,941,045	30,291,712	30,715,205
12/31/2009	4,735,271	9,444,751	13,810,718	17,936,899	21,088,246	23,166,495	23,811,477	24,927,952	25,431,979	29,940,605	27,506,181
12/31/2010	4,973,412	9,880,833	14,533,001	19,254,151	21,983,438	24,454,606	27,284,980	28,130,764	28,626,798	29,280,831	29,522,638
12/31/2011	6,413,112	11,641,342	17,235,546	22,236,768	25,596,721	27,454,431	28,110,943	29,337,738	30,102,029	30,493,429	
12/31/2012	6,188,874	9,704,881	15,173,227	19,346,821	23,634,671	25,499,373	25,975,469	26,676,913	27,894,605		
12/31/2013	5,935,638	11,280,403	16,329,181	19,722,976	21,654,889	26,603,410	27,080,427	28,643,290			
12/31/2014	6,971,628	11,134,468	15,015,875	18,374,154	21,641,683	23,165,182	24,436,713				
12/31/2015	7,364,487	11,843,032	19,390,891	24,667,684	28,026,041	28,422,655					
12/31/2016	5,346,831	11,069,353	17,498,507	24,478,286	26,006,999						
12/31/2017	7,381,526	13,657,584	19,319,377	24,866,419							
12/31/2018	6,474,013	12,756,825	18,349,271								
12/31/2019	5,869,233	12,932,073									
12/31/2020	5,049,040										

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

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

	Increments												
A.Y.E.	<u>27:15</u>	<u>39:27</u>	<u>51:39</u>	<u>63:51</u>	<u>75:63</u>	<u>87:75</u>	<u>99:87</u>	<u>111:99</u>	<u>123:111</u>	<u>135:123</u>	<u>147:135</u>	<u>159:147</u>	<u>171:159</u>
12/31/2001	5,029,874	4,412,922	3,769,873	3,281,258	4,696,687	4,389,426	5,040,066	2,481,066	-481,167	949,922	1,007,995	318,562	-26,305
12/31/2002	2,891,972	3,537,955	5,165,540	6,327,616	3,415,476	1,787,858	805,698	701,129	327,603	121,603	154,993	11,712	-62,729
12/31/2003	3,312,429	3,790,776	3,302,915	4,171,469	1,190,833	1,393,802	622,749	364,940	716,422	366,311	-216,127	-6,124	1,034
12/31/2004	3,624,774	4,033,611	2,805,146	4,024,516	2,866,613	1,002,923	1,051,327	430,525	539,871	921,241	554,298	362,079	269,875
12/31/2005	4,253,551	3,484,850	3,766,190	3,152,232	1,086,356	1,814,026	2,130,027	1,395,569	957,526	2,840,976	170,997	23,431	71,341
12/31/2006	3,486,809	4,490,718	3,350,491	2,978,801	1,309,716	1,160,207	93,993	1,474,758	-170,125	469,472	232,741	-97,933	298,334
12/31/2007	4,246,382	3,608,535	3,248,843	2,422,177	2,174,116	2,510,377	865,423	434,010	679,874	175,902	420,567	-102,035	118,322
12/31/2008	5,132,443	4,124,000	5,117,232	4,403,771	2,361,192	1,231,306	1,287,923	2,211,868	350,667	423,493	554,437	-117,683	
12/31/2009	4,709,480	4,365,967	4,126,181	3,151,347	2,078,249	644,982	1,116,475	504,027	4,508,626	-2,434,424	2,247,337		
12/31/2010	4,907,421	4,652,168	4,721,150	2,729,287	2,471,168	2,830,374	845,784	496,034	654,033	241,807			
12/31/2011	5,228,230	5,594,204	5,001,222	3,359,953	1,857,710	656,512	1,226,795	764,291	391,400				
12/31/2012	3,516,007	5,468,346	4,173,594	4,287,850	1,864,702	476,096	701,444	1,217,692					
12/31/2013	5,344,765	5,048,778	3,393,795	1,931,913	4,948,521	477,017	1,562,863						
12/31/2014	4,162,840	3,881,407	3,358,279	3,267,529	1,523,499	1,271,531							
12/31/2015	4,478,545	7,547,859	5,276,793	3,358,357	396,614								
12/31/2016	5,722,522	6,429,154	6,979,779	1,528,713									
12/31/2017	6,276,058	5,661,793	5,547,042										
12/31/2018	6,282,812	5,592,446											
12/31/2019	7,062,840												

	Incremental Percentages												
A.Y.E.	<u>27:15</u>	<u>39:27</u>	<u>51:39</u>	<u>63:51</u>	<u>75:63</u>	<u>87:75</u>	<u>99:87</u>	<u>111:99</u>	<u>123:111</u>	<u>135:123</u>	<u>147:135</u>	<u>159:147</u>	<u>171:159</u>
12/31/2001	0.0915	0.0803	0.0686	0.0597	0.0855	0.0799	0.0917	0.0451	-0.0088	0.0173	0.0183	0.0058	-0.0005
12/31/2002	0.0536	0.0656	0.0958	0.1173	0.0633	0.0331	0.0149	0.0130	0.0061	0.0023	0.0029	0.0002	-0.0012
12/31/2003	0.0676	0.0773	0.0674	0.0851	0.0243	0.0284	0.0127	0.0074	0.0146	0.0075	-0.0044	-0.0001	0.0000
12/31/2004	0.0722	0.0804	0.0559	0.0802	0.0571	0.0200	0.0209	0.0086	0.0108	0.0184	0.0110	0.0072	0.0054
12/31/2005	0.1003	0.0822	0.0888	0.0743	0.0256	0.0428	0.0502	0.0329	0.0226	0.0670	0.0040	0.0006	0.0017
12/31/2006	0.0827	0.1065	0.0795	0.0706	0.0311	0.0275	0.0022	0.0350	-0.0040	0.0111	0.0055	-0.0023	0.0071
12/31/2007	0.0922	0.0784	0.0706	0.0526	0.0472	0.0545	0.0188	0.0094	0.0148	0.0038	0.0091	-0.0022	0.0026
12/31/2008	0.1032	0.0830	0.1029	0.0886	0.0475	0.0248	0.0259	0.0445	0.0071	0.0085	0.0112	-0.0024	
12/31/2009	0.0848	0.0786	0.0743	0.0567	0.0374	0.0116	0.0201	0.0091	0.0812	-0.0438	0.0405		
12/31/2010	0.0811	0.0769	0.0781	0.0451	0.0409	0.0468	0.0140	0.0082	0.0108	0.0040			
12/31/2011	0.0715	0.0765	0.0684	0.0459	0.0254	0.0090	0.0168	0.0104	0.0054				
12/31/2012	0.0597	0.0929	0.0709	0.0728	0.0317	0.0081	0.0119	0.0207					
12/31/2013	0.0771	0.0728	0.0489	0.0279	0.0714	0.0069	0.0225						
12/31/2014	0.0571	0.0533	0.0461	0.0448	0.0209	0.0174							
12/31/2015	0.0562	0.0947	0.0662	0.0421	0.0050								
12/31/2016	0.0837	0.0940	0.1021	0.0224									
12/31/2017	0.0787	0.0710	0.0695										
12/31/2018	0.0769	0.0684											
12/31/2019	0.0892												

Best 3/5	0.0798	0.0778	0.0615	0.0383	0.0260	0.0115	0.0170	0.0134	0.0109	0.0054	0.0086	-0.0013	0.0032
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Premises / Operations (Subline Code 334)  
 Owners, Landlords and Tenants  
 Full Coverage  
 Multistate  
 Fringe Coverage - Occurrence  
 Incurred Accident Year Basic Limits Loss Development Excluding ALAE

\$100,000 Basic Limit Losses as of :

<u>A.Y.E.</u>	<u>15 Months</u>	<u>27 Months</u>	<u>39 Months</u>	<u>51 Months</u>	<u>63 Months</u>	<u>75 Months</u>	<u>87 Months</u>	<u>99 Months</u>	<u>111 Months</u>	<u>123 Months</u>	<u>135 Months</u>
12/31/2001	13,104,111	25,788,659	27,892,713	30,093,779	31,530,024	30,824,095	30,899,887	30,982,851	30,909,692	30,637,785	30,509,991
12/31/2002	14,243,749	16,354,874	17,100,360	18,903,720	17,079,841	17,582,175	16,987,377	16,847,866	17,160,488	16,974,438	16,998,001
12/31/2003	9,435,123	12,160,643	14,416,920	12,980,202	13,320,343	12,885,412	12,526,502	12,533,202	12,512,126	12,472,078	12,521,709
12/31/2004	15,684,553	17,733,391	18,735,112	18,312,024	17,671,602	17,762,759	18,045,220	17,905,441	17,883,501	18,269,290	18,042,219
12/31/2005	17,571,665	22,035,027	23,149,857	22,868,163	22,355,890	21,820,385	21,888,944	22,120,654	21,858,085	22,037,695	21,844,286
12/31/2006	20,271,614	23,525,971	24,742,277	23,766,104	23,467,159	23,108,020	22,979,464	23,161,440	23,043,202	23,023,033	23,298,033
12/31/2007	18,600,284	21,710,823	21,573,452	21,864,532	21,086,031	20,883,275	20,976,283	21,153,903	21,085,595	21,058,948	20,959,296
12/31/2008	14,848,168	16,827,190	16,949,062	16,493,225	16,771,440	16,941,779	17,328,243	17,185,017	17,215,908	17,234,552	17,151,561
12/31/2009	12,949,795	14,897,666	15,895,359	16,969,672	17,602,625	17,535,419	17,568,597	17,338,213	17,431,580	17,439,710	17,359,710
12/31/2010	10,600,127	12,200,644	12,894,812	13,840,597	13,503,994	13,549,049	13,318,347	13,200,268	13,423,096	13,540,152	13,492,823
12/31/2011	10,804,744	11,509,129	12,723,858	12,796,228	13,371,748	13,212,560	13,093,573	13,164,097	13,284,714	13,343,456	
12/31/2012	7,987,462	10,581,510	10,894,970	10,942,266	10,985,498	10,526,612	10,609,629	10,794,626	10,620,114		
12/31/2013	8,618,193	10,277,551	11,880,703	12,408,478	12,594,187	12,582,245	12,661,279	12,936,768			
12/31/2014	9,117,627	11,319,369	13,798,606	14,744,267	15,104,560	15,480,121	15,359,547				
12/31/2015	9,519,702	13,121,225	16,605,264	18,135,112	18,918,429	18,976,496					
12/31/2016	10,842,433	13,885,671	16,008,351	15,930,005	16,022,674						
12/31/2017	10,294,522	13,617,408		15,158,580	15,727,753						
12/31/2018	9,307,295	11,175,076	13,116,660								
12/31/2019	6,602,048	9,874,322									
12/31/2020	8,081,619										

<u>A.Y.E.</u>	<u>147 Months</u>	<u>159 Months</u>	<u>171 Months</u>	<u>183 Months</u>	<u>195 Months</u>	<u>207 Months</u>	<u>219 Months</u>	<u>231 Months</u>	<u>243 Months</u>
12/31/2001	30,422,625	30,722,125	30,714,600	30,767,038	30,776,834	30,904,334	30,899,935	31,000,934	31,023,984
12/31/2002	17,190,444	17,276,407	17,285,308	17,264,605	17,364,603	17,464,603	17,464,628	17,529,776	
12/31/2003	12,512,593	12,514,590	12,504,590	12,604,590	12,604,590	12,604,590	12,604,625		
12/31/2004	18,097,323	18,003,022	18,036,496	18,152,481	18,152,484	18,152,481			
12/31/2005	21,784,438	21,884,438	21,789,937	21,690,437	21,689,437				
12/31/2006	23,270,112	23,270,112	23,476,359	23,371,631					
12/31/2007	20,958,945	20,974,716	20,987,345						
12/31/2008	17,171,661	17,273,841							
12/31/2009	17,220,935								

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

Link Ratios											
A.Y.E.	<u>27:15</u>	<u>39:27</u>	<u>51:39</u>	<u>63:51</u>	<u>75:63</u>	<u>87:75</u>	<u>99:87</u>	<u>111:99</u>	<u>123:111</u>	<u>135:123</u>	<u>147:135</u>
12/31/2001	1.968	1.082	1.079	1.048	0.978	1.002	1.003	0.998	0.991	0.996	0.997
12/31/2002	1.148	1.046	1.105	0.904	1.029	0.966	0.992	1.019	0.989	1.001	1.011
12/31/2003	1.289	1.186	0.900	1.026	0.967	0.972	1.001	0.998	0.997	1.004	0.999
12/31/2004	1.131	1.056	0.977	0.965	1.005	1.016	0.992	0.999	1.022	0.988	1.003
12/31/2005	1.254	1.051	0.988	0.978	0.976	1.003	1.011	0.988	1.008	0.991	0.997
12/31/2006	1.161	1.052	0.961	0.987	0.985	0.994	1.008	0.995	0.999	1.012	0.999
12/31/2007	1.167	0.994	1.013	0.964	0.990	1.004	1.008	0.997	0.999	0.995	1.000
12/31/2008	1.133	1.007	0.973	1.017	1.010	1.023	0.992	1.002	1.001	0.995	1.001
12/31/2009	1.150	1.067	1.068	1.037	0.996	1.002	0.987	1.005	1.000	0.995	0.992
12/31/2010	1.151	1.057	1.073	0.976	1.003	0.983	0.991	1.017	1.009	0.997	
12/31/2011	1.065	1.106	1.006	1.045	0.988	0.991	1.005	1.009	1.004		
12/31/2012	1.325	1.030	1.004	1.004	0.958	1.008	1.017	0.984			
12/31/2013	1.193	1.156	1.044	1.015	0.999	1.006	1.022				
12/31/2014	1.241	1.219	1.069	1.024	1.025	0.992					
12/31/2015	1.378	1.266	1.092	1.043	1.003						
12/31/2016	1.281	1.153	0.995	1.006							
12/31/2017	1.323	1.113	1.038								
12/31/2018	1.201	1.174									
12/31/2019	1.496										
3 Yr Mean	1.340	1.147	1.042	1.024	1.009	1.002	1.015	1.003	1.004	0.996	0.998
Best 3/5	1.327	1.182	1.050	1.015	0.997	0.996	1.004	1.005	1.002	0.996	0.999
A.Y.E.	<u>159:147</u>	<u>171:159</u>	<u>183:171</u>	<u>195:183</u>	<u>207:195</u>	<u>219:207</u>	<u>231:219</u>	<u>243:231</u>			
12/31/2001	1.010	1.000	1.002	1.000	1.004	1.000	1.003	1.001			
12/31/2002	1.005	1.001	0.999	1.006	1.006	1.000	1.004	<b>1.001</b>			
12/31/2003	1.000	0.999	1.008	1.000	1.000	1.000	<b>1.000</b>	<b>1.001</b>			
12/31/2004	0.995	1.002	1.006	1.000	1.000	<b>1.001</b>	<b>1.000</b>	<b>1.001</b>			
12/31/2005	1.005	0.996	0.995	1.000	<b>1.000</b>	<b>1.001</b>	<b>1.000</b>	<b>1.001</b>			
12/31/2006	1.000	1.009	0.996								
12/31/2007	1.001	1.001									
12/31/2008	1.006										
3 Yr Mean	1.002	1.002	0.999	1.000	<i>1.002</i>	<i>1.000</i>	<i>1.004</i>	<i>1.001</i>			
Best 3/5	1.002	1.001	1.000	1.000	<b>1.001</b>	<b>1.000</b>	<b>1.001</b>	<b>1.001</b>			
Development From											
A.Y.E.	<u>15/ 27</u>	<u>27/ 39</u>	<u>39/ 51</u>	<u>51/ 63</u>	<u>63/ 75</u>	<u>75/ 87</u>	<u>87/ 99</u>	<u>99/111</u>	<u>111/123</u>	<u>123/135</u>	<u>135/147</u>
12/31/2016					0.997	0.996	1.004	1.005	1.002	0.996	0.999
12/31/2017				1.015	0.997	0.996	1.004	1.005	1.002	0.996	0.999
12/31/2018			1.050	1.015	0.997	0.996	1.004	1.005	1.002	0.996	0.999
12/31/2019		1.182	1.050	1.015	0.997	0.996	1.004	1.005	1.002	0.996	0.999
12/31/2020	1.327	1.182	1.050	1.015	0.997	0.996	1.004	1.005	1.002	0.996	0.999
A.Y.E	<u>147/159</u>	<u>159/171</u>	<u>171/183</u>	<u>183/195</u>	<u>195/207</u>	<u>207/219</u>	<u>219/231</u>	<u>231/243</u>	<u>243/U1t</u>	FACTORS	
12/31/2016	1.002	1.001	1.000	1.000	1.001	1.000	1.001	1.001	<b>1.004</b>	1.009	
12/31/2017	1.002	1.001	1.000	1.000	1.001	1.000	1.001	1.001	<b>1.004</b>	1.024	
12/31/2018	1.002	1.001	1.000	1.000	1.001	1.000	1.001	1.001	<b>1.004</b>	1.075	
12/31/2019	1.002	1.001	1.000	1.000	1.001	1.000	1.001	1.001	<b>1.004</b>	1.271	
12/31/2020	1.002	1.001	1.000	1.000	1.001	1.000	1.001	1.001	<b>1.004</b>	1.687	

**Bold - Calculated Using Modified Bondy Method**

*Italics - Three year mean Excludes Modified Bondy ratios*

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

<u>A.Y.E.</u>	<u>15 Months</u>	<u>27 Months</u>	<u>39 Months</u>	<u>51 Months</u>	<u>63 Months</u>	<u>75 Months</u>	<u>87 Months</u>	<u>99 Months</u>	<u>111 Months</u>	<u>123 Months</u>	<u>135 Months</u>
12/31/2001	4,136,582	13,998,616	20,512,550	24,344,074	30,098,075	31,817,279	33,110,699	34,503,311	34,771,634	34,753,538	34,920,580
12/31/2002	5,713,132	8,297,482	10,430,477	12,739,339	12,872,264	14,869,547	16,652,139	16,837,401	17,325,727	18,335,685	18,376,501
12/31/2003	4,143,417	8,721,631	13,651,952	16,571,880	20,478,324	21,020,867	28,311,998	30,210,679	31,366,771	31,875,502	31,961,338
12/31/2004	3,056,999	6,972,921	13,472,145	16,213,725	18,962,311	20,197,148	20,614,779	21,049,203	21,376,138	22,027,363	22,000,570
12/31/2005	2,479,015	7,455,634	12,376,168	16,224,285	18,043,401	18,833,359	21,245,891	21,524,412	25,131,317	28,303,183	28,770,090
12/31/2006	2,580,486	7,245,382	12,225,797	19,897,514	22,673,742	23,534,854	25,322,746	24,459,407	25,121,868	25,244,324	25,437,958
12/31/2007	3,122,565	8,029,506	14,271,294	18,154,549	19,705,759	19,371,550	19,877,083	20,237,249	20,144,761	20,065,600	20,141,664
12/31/2008	2,877,808	7,676,687	11,346,910	14,707,948	16,681,704	17,625,281	18,309,957	18,873,336	19,311,983	19,500,709	19,426,647
12/31/2009	3,824,406	8,228,494	17,603,818	24,637,211	29,267,463	32,766,265	34,493,593	36,225,384	36,512,731	36,689,631	32,346,053
12/31/2010	3,378,950	11,859,064	15,723,752	18,823,875	23,304,579	25,848,709	26,948,902	27,068,976	27,816,625	28,122,847	34,167,278
12/31/2011	6,391,016	16,661,375	22,171,434	33,439,252	35,776,715	39,855,565	40,586,314	41,645,536	42,548,382	43,218,324	
12/31/2012	3,027,087	7,064,615	12,060,801	16,617,273	23,899,050	24,088,759	29,672,769	30,192,704	26,889,544		
12/31/2013	3,920,975	11,033,487	16,202,859	20,416,658	24,573,725	26,135,779	30,263,184	32,960,565			
12/31/2014	5,008,211	9,265,876	14,775,858	19,081,293	21,943,254	26,063,409	26,950,253				
12/31/2015	3,841,537	10,969,702	17,283,457	23,377,139	27,762,040	28,582,619					
12/31/2016	5,465,527	10,355,778	13,426,865	15,700,569	16,930,394						
12/31/2017	5,945,204	13,940,904	20,445,344	25,241,888							
12/31/2018	3,264,307	11,453,004	15,689,934								
12/31/2019	1,769,926	4,947,653									
12/31/2020	3,014,444										

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

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

	Increments												
A.Y.E.	27:15	39:27	51:39	63:51	75:63	87:75	99:87	111:99	123:111	135:123	147:135	159:147	171:159
12/31/2001	9,862,034	6,513,934	3,831,524	5,754,001	1,719,204	1,293,420	1,392,612	268,323	-18,096	167,042	33,007	15,192	91,297
12/31/2002	2,584,350	2,132,995	2,308,862	132,925	1,997,283	1,782,592	185,262	488,326	1,009,958	40,816	39,265	799,572	2,120,816
12/31/2003	4,578,214	4,930,321	2,919,928	3,906,444	542,543	7,291,131	1,898,681	1,156,092	508,731	85,836	12,496	-17,855	-360,675
12/31/2004	3,915,922	6,499,224	2,741,580	2,748,586	1,234,837	417,631	434,424	326,935	651,225	-26,793	414,577	-191,867	42,556
12/31/2005	4,976,619	4,920,534	3,848,117	1,819,116	789,958	2,412,532	278,521	3,606,905	3,171,866	466,907	48,032	1,606,834	470,157
12/31/2006	4,664,896	4,980,415	7,671,717	2,776,228	861,112	1,787,892	-863,339	662,461	122,456	193,634	150,965	177,327	205,929
12/31/2007	4,906,941	6,241,788	3,883,255	1,551,210	-334,209	505,533	360,166	-92,488	-79,161	76,064	1,833	52,259	1,617,264
12/31/2008	4,798,879	3,670,223	3,361,038	1,973,756	943,577	684,676	563,379	438,647	188,726	-74,062	4,767	4,228,465	
12/31/2009	4,404,088	9,375,324	7,033,393	4,630,252	3,498,802	1,727,328	1,731,791	287,347	176,900	-4,343,578	-17,169		
12/31/2010	8,480,114	3,864,688	3,100,123	4,480,704	2,544,130	1,100,193	120,074	747,649	306,222	6,044,431			
12/31/2011	10,270,359	5,510,059	11,267,818	2,337,463	4,078,850	730,749	1,059,222	902,846	669,942				
12/31/2012	4,037,528	4,996,186	4,556,472	7,281,777	189,709	5,584,010	519,935	-3,303,160					
12/31/2013	7,112,512	5,169,372	4,213,799	4,157,067	1,562,054	4,127,405	2,697,381						
12/31/2014	4,257,665	5,509,982	4,305,435	2,861,961	4,120,155	886,844							
12/31/2015	7,128,165	6,313,755	6,093,682	4,384,901	820,579								
12/31/2016	4,890,251	3,071,087	2,273,704	1,229,825									
12/31/2017	7,995,700	6,504,440	4,796,544										
12/31/2018	8,188,697	4,236,930											
12/31/2019	3,177,727												

	Incremental Percentages												
A.Y.E.	<u>27:15</u>	<u>39:27</u>	<u>51:39</u>	<u>63:51</u>	<u>75:63</u>	<u>87:75</u>	<u>99:87</u>	<u>111:99</u>	<u>123:111</u>	<u>135:123</u>	<u>147:135</u>	<u>159:147</u>	<u>171:159</u>
12/31/2001	0.1955	0.1292	0.0760	0.1141	0.0341	0.0256	0.0276	0.0053	-0.0004	0.0033	0.0007	0.0003	0.0018
12/31/2002	0.0945	0.0780	0.0844	0.0049	0.0730	0.0652	0.0068	0.0178	0.0369	0.0015	0.0014	0.0292	0.0775
12/31/2003	0.2199	0.2368	0.1403	0.1876	0.0261	0.3502	0.0912	0.0555	0.0244	0.0041	0.0006	-0.0009	-0.0173
12/31/2004	0.1348	0.2238	0.0944	0.0946	0.0425	0.0144	0.0150	0.0113	0.0224	-0.0009	0.0143	-0.0066	0.0015
12/31/2005	0.1499	0.1482	0.1159	0.0548	0.0238	0.0727	0.0084	0.1086	0.0955	0.0141	0.0014	0.0484	0.0142
12/31/2006	0.1328	0.1418	0.2184	0.0790	0.0245	0.0509	-0.0246	0.0189	0.0035	0.0055	0.0043	0.0050	0.0059
12/31/2007	0.1653	0.2103	0.1308	0.0523	-0.0113	0.0170	0.0121	-0.0031	-0.0027	0.0026	0.0001	0.0018	0.0545
12/31/2008	0.1805	0.1380	0.1264	0.0742	0.0355	0.0257	0.0212	0.0165	0.0071	-0.0028	0.0002	0.1590	
12/31/2009	0.1458	0.3104	0.2329	0.1533	0.1158	0.0572	0.0573	0.0095	0.0059	-0.1438	-0.0006		
12/31/2010	0.3473	0.1583	0.1270	0.1835	0.1042	0.0451	0.0049	0.0306	0.0125	0.2476			
12/31/2011	0.4125	0.2213	0.4525	0.0939	0.1638	0.0293	0.0425	0.0363	0.0269				
12/31/2012	0.2379	0.2944	0.2685	0.4291	0.0112	0.3291	0.0306	-0.1946					
12/31/2013	0.3080	0.2239	0.1825	0.1800	0.0677	0.1788	0.1168						
12/31/2014	0.1620	0.2097	0.1638	0.1089	0.1568	0.0337							
12/31/2015	0.2169	0.1921	0.1854	0.1334	0.0250								
12/31/2016	0.1794	0.1126	0.0834	0.0451									
12/31/2017	0.2574	0.2094	0.1544										
12/31/2018	0.3391	0.1755											
12/31/2019	0.1379												

Best 3/5	0.2179	0.1923	0.1669	0.1408	0.0832	0.0859	0.0435	0.0189	0.0085	0.0018	0.0006	0.0184	0.0072
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Multistate Review of ULAE Experience  
General Liability Including CMP Liability  
Loss Adjustment Expense Special Call  
Calendar Years 2016 - 2020

<u>Item *</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2016 - 2020 Mean</u>
1. Direct Losses Incurred	\$25,294,920	\$22,482,130	\$26,488,833	\$28,457,912	\$27,645,568	
2. Allocated Loss Adjustment Expenses Incurred (ALAE)	\$4,918,135	\$5,837,815	\$5,788,203	\$5,769,832	\$6,283,679	
3. Unallocated Loss Adjustment Expenses Incurred (ULAE)	\$2,517,590	\$2,283,529	\$2,272,533	\$2,770,296	\$2,176,729	
4. Incurred Losses + ALAE [(1) + (2)]	\$30,213,055	\$28,319,945	\$32,277,036	\$34,227,744	\$33,929,247	
	<u>Incurred Percentage</u>					
5. Ratio of ULAE to (Losses + ALAE) [(3)/(4)]	8.3%	8.1%	7.0%	8.1%	6.4%	7.6%
6. Selected	8.0% **					

Notes: All dollar amounts are displayed in thousands.

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

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

PREMISES / OPERATIONS  
TREND SUMMARY  
AVERAGE ANNUAL PERCENT CHANGES

(1)	<u>EXPOSURE TREND</u>	<u>MANUFACTURERS</u>	<u>CONTRACTORS</u>	<u>OL&amp;T CLASS</u> <u>GROUPS 1-13 *</u>	<u>OL&amp;T CLASS</u> <u>GROUP 16</u>	<u>PREMISES/</u> <u>OPERATIONS</u>
	a) 7/1/2018 to 7/1/2023 AYE 12/31/2018	+ 2.0%	+ 2.9%	+ 1.7%	+ 2.6%	+ 1.4%
	b) 7/1/2019 to 7/1/2023 AYE 12/31/2019	+ 2.2%	+ 2.9%	+ 1.7%	+ 2.9%	+ 1.4%
	c) 7/1/2020 to 7/1/2023 AYE 12/31/2020	+ 3.1%	+ 3.0%	+ 1.7%	+ 3.3%	+ 1.6%
		MANUFACTURERS & CONTRACTORS			OWNERS, LANDLORDS & TENANTS	
(2)	<u>OCCURRENCE SEVERITY</u>	<u>Bodily Injury</u>	<u>Property Damage</u>	<u>Fringe</u>	<u>Bodily Injury</u>	<u>Property Damage</u> <u>Fringe</u>
	a) Fitted					
	All Years (20 Points)	+ 3.8%	+ 5.0%	- 2.5%	+ 5.8%	+ 6.4% - 2.1%
	Eight Year (16 Points)	+ 3.8%	+ 3.7%	- 6.6%	+ 6.6%	+ 7.8% + 2.3%
	Six Year (12 Points)	+ 3.5%	+ 3.6%	- 6.5%	+ 7.7%	+ 8.5% + 7.7%
	b) Selected	+ 4.0%	+ 4.0%	0.0%	+ 5.0%	+ 6.0% 0.0%
(3)	<u>FREQUENCY TREND</u>		<u>M&amp;C</u>			<u>OL&amp;T</u>
	Selected		- 0.5%			- 0.5%
(4)	<u>TOTAL ANNUAL NET TREND</u>		+ 0.5%			+ 4.0%
	Net trend = (frequency trend x severity trend) / exposure trend					

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

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



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

(1)				(2)				(3)			
YEAR ENDING QUARTER *		MANUFACTURERS		CONTRACTORS		YEAR ENDING QUARTER *		MANUFACTURERS		CONTRACTORS	
		CLASS	GROUP	CLASS	GROUP			CLASS	GROUP	CLASS	GROUP
		SALES	EXPOSURE	PAYROLL	EXPOSURE			SALES	EXPOSURE	PAYROLL	EXPOSURE
		INDICES		INDICES				INDICES		INDICES	
2010	1	0.964		22.806		2017	1	1.032		26.160	
	2	0.962		22.928			2	1.034		26.326	
	3	0.962		23.080			3	1.037		26.527	
	4	0.965		23.208			4	1.040		26.716	
2011	1	0.969		23.312		2018	1	1.042		26.955	
	2	0.974		23.427			2	1.046		27.203	
	3	0.979		23.556			3	1.050		27.440	
	4	0.982		23.638			4	1.054		27.728	
2012	1	0.987		23.715		2019	1	1.058		27.950	
	2	0.990		23.794			2	1.061		28.185	
	3	0.995		23.873			3	1.063		28.361	
	4	1.000		23.965			4	1.065		28.515	
2013	1	1.004		24.062		2020	1	1.066		28.703	
	2	1.007		24.140			2	1.060		28.830	
	3	1.008		24.167			3	1.059		29.003	
	4	1.010		24.208			4	1.059		29.191	
2014	1	1.012		24.299		2021	1	1.063		29.378	
	2	1.016		24.405			2	1.079		29.713	
	3	1.019		24.538			3P	1.094		30.086	
	4	1.022		24.663			4P	1.108		30.424	
2015	1	1.023		24.759		2022	1P	1.121		30.737	
	2	1.026		24.909			2P	1.130		30.931	
	3	1.027		25.013			3P	1.136		31.064	
	4	1.029		25.172			4P	1.142		31.208	
2016	1	1.030		25.313		2023	1P	1.148		31.375	
	2	1.030		25.480			2P	1.153		31.556	
	3	1.029		25.731			3P	1.158		31.742	
	4	1.030		25.938			4P	1.162		31.933	
CHANGE IN EXPOSURES								MANUFACTURERS		CONTRACTORS	
7/1/2018 to 7/1/2023				(2023:4/2018:4)				1.102		1.152	
7/1/2019 to 7/1/2023				(2023:4/2019:4)				1.091		1.120	
7/1/2020 to 7/1/2023				(2023:4/2020:4)				1.097		1.094	
AVERAGE ANNUAL TREND FACTOR											
7/1/2018 to 7/1/2023				(5.0 YEARS)				1.020		1.029	
7/1/2019 to 7/1/2023				(4.0 YEARS)				1.022		1.029	
7/1/2020 to 7/1/2023				(3.0 YEARS)				1.031		1.030	

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

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

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

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

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

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

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

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

YEAR ENDING QUARTER		FURNITURE	OTHER DURABLE GOODS	CLOTHING AND SHOES	FOOD AND BEVERAGES	OTHER NONDURABLE GOODS	RECREATION SERVICES	YEAR ENDING QUARTER		FURNITURE	OTHER DURABLE GOODS	CLOTHING AND SHOES	FOOD AND BEVERAGES	OTHER NONDURABLE GOODS	RECREATION SERVICES
2010	1	1.051	0.984	0.957	0.936	0.962	0.949	2017	1	0.895	0.898	0.998	1.066	1.042	1.086
	2	1.039	0.983	0.956	0.937	0.966	0.953		2	0.888	0.894	0.997	1.068	1.046	1.092
	3	1.027	0.982	0.953	0.940	0.968	0.955		3	0.882	0.890	0.995	1.071	1.048	1.100
	4	1.015	0.982	0.949	0.943	0.970	0.957		4	0.875	0.887	0.992	1.075	1.050	1.108
2011	1	1.006	0.987	0.947	0.948	0.973	0.960	2018	1	0.868	0.885	0.991	1.078	1.052	1.114
	2	1.001	0.994	0.949	0.955	0.977	0.964		2	0.866	0.882	0.994	1.082	1.054	1.120
	3	1.000	1.002	0.955	0.965	0.981	0.968		3	0.864	0.879	0.993	1.086	1.055	1.126
	4	1.000	1.008	0.965	0.975	0.985	0.973		4	0.865	0.871	0.993	1.090	1.056	1.131
2012	1	1.001	1.011	0.976	0.984	0.990	0.980	2019	1	0.868	0.862	0.990	1.095	1.056	1.137
	2	1.001	1.009	0.988	0.991	0.993	0.986		2	0.869	0.857	0.984	1.100	1.056	1.142
	3	1.000	1.005	0.994	0.996	0.997	0.993		3	0.872	0.853	0.984	1.105	1.057	1.147
	4	1.000	1.000	1.000	1.000	1.000	1.000		4	0.872	0.852	0.979	1.110	1.060	1.153
2013	1	0.998	0.994	1.005	1.004	1.001	1.005	2020	1	0.870	0.850	0.975	1.113	1.064	1.160
	2	0.994	0.989	1.006	1.008	1.001	1.009		2	0.869	0.843	0.960	1.117	1.067	1.165
	3	0.988	0.985	1.009	1.012	1.001	1.013		3	0.872	0.837	0.942	1.123	1.071	1.171
	4	0.981	0.979	1.010	1.015	1.002	1.017		4	0.878	0.828	0.929	1.129	1.071	1.178
2014	1	0.972	0.970	1.010	1.018	1.004	1.022	2021	1	0.885	0.825	0.922	1.136	1.071	1.185
	2	0.962	0.959	1.012	1.024	1.006	1.028		2	0.896	0.828	0.930	1.145	1.072	1.194
	3	0.954	0.950	1.013	1.030	1.009	1.032		3P	0.905	0.830	0.939	1.159	1.073	1.206
	4	0.947	0.940	1.013	1.038	1.013	1.036		4P	0.913	0.836	0.949	1.173	1.077	1.218
2015	1	0.940	0.931	1.011	1.045	1.017	1.038	2022	1P	0.920	0.839	0.954	1.188	1.083	1.232
	2	0.936	0.923	1.007	1.050	1.021	1.042		2P	0.923	0.839	0.958	1.200	1.089	1.244
	3	0.930	0.914	1.004	1.054	1.023	1.047		3P	0.926	0.841	0.959	1.209	1.096	1.256
	4	0.924	0.906	1.001	1.058	1.025	1.052		4P	0.929	0.842	0.960	1.217	1.102	1.268
2016	1	0.920	0.902	0.999	1.061	1.028	1.058	2023	1P	0.931	0.844	0.961	1.224	1.109	1.278
	2	0.914	0.901	0.998	1.063	1.030	1.064		2P	0.933	0.845	0.961	1.231	1.116	1.286
	3	0.907	0.899	0.997	1.064	1.034	1.071		3P	0.933	0.845	0.962	1.238	1.123	1.294
	4	0.900	0.899	0.998	1.065	1.038	1.078		4P	0.933	0.845	0.962	1.245	1.130	1.301
Change In Exposures *								Average Annual Trend Factor							
7/1/2018 to 7/1/2023 (2023:4/2018:4)								7/1/2018 to 7/1/2023 (5.0 YEARS)							
1.078								+ 1.5%							
0.970								- 0.6%							
0.969								- 0.6%							
1.142								+ 2.7%							
1.070								+ 1.4%							
1.150								+ 2.8%							

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

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

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

## CHANGE IN EXPOSURES

7/1/2018 to 7/1/2023	(2023:4/2018:4)	1.137
7/1/2019 to 7/1/2023	(2023:4/2019:4)	1.119
7/1/2020 to 7/1/2023	(2023:4/2020:4)	1.101

## AVERAGE ANNUAL TREND FACTOR

7/1/2018 to 7/1/2023	(5.0 YEARS)	1.026
7/1/2019 to 7/1/2023	(4.0 YEARS)	1.029
7/1/2020 to 7/1/2023	(3.0 YEARS)	1.033

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

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

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

(1) Accident Year Ending	(2) Basic Limit Paid Losses *	(3) Occurrences at Ultimate	(4) (2)/(3) Actual Severity	(5) Exponential Curve of Best Fit to Col (4)		
				10 Year	8 Year	6 Year
6/30/2011	\$240,897,989	4,365	\$55,188	\$56,283		
12/31/2011	\$245,770,093	4,243	\$57,924	\$57,334		
6/30/2012	\$220,101,254	3,728	\$59,041	\$58,404		
12/31/2012	\$209,159,546	3,517	\$59,471	\$59,495		
6/30/2013	\$209,666,966	3,520	\$59,557	\$60,605	\$60,626	
12/31/2013	\$214,291,890	3,589	\$59,713	\$61,737	\$61,755	
6/30/2014	\$242,393,627	3,817	\$63,498	\$62,889	\$62,904	
12/31/2014	\$240,924,046	3,629	\$66,384	\$64,063	\$64,075	
6/30/2015	\$220,582,296	3,435	\$64,210	\$65,259	\$65,268	\$65,692
12/31/2015	\$213,503,224	3,338	\$63,970	\$66,478	\$66,483	\$66,843
6/30/2016	\$213,045,098	3,040	\$70,089	\$67,719	\$67,720	\$68,014
12/31/2016	\$216,033,556	3,044	\$70,959	\$68,983	\$68,981	\$69,205
6/30/2017	\$211,602,614	3,040	\$69,601	\$70,271	\$70,264	\$70,417
12/31/2017	\$218,490,428	2,996	\$72,936	\$71,583	\$71,572	\$71,650
6/30/2018	\$220,960,059	3,004	\$73,545	\$72,919	\$72,904	\$72,905
12/31/2018	\$224,338,038	3,008	\$74,569	\$74,281	\$74,261	\$74,182
6/30/2019	\$229,582,524	2,970	\$77,288	\$75,667	\$75,644	\$75,482
12/31/2019	\$234,560,660	3,006	\$78,020	\$77,080	\$77,052	\$76,804
6/30/2020	\$214,399,627	2,668	\$80,348	\$78,519	\$78,486	\$78,149
12/31/2020	\$162,489,028	2,204	\$73,735	\$79,985	\$79,947	\$79,518
Goodness of Fit Statistic, R-Squared:				0.928	0.877	0.772
Average Annual Severity Trend (10 yr)				+ 3.8%		
Average Annual Severity Trend ( 8 yr)				+ 3.8%		
Average Annual Severity Trend ( 6 yr)				+ 3.5%		
Selected Annual Severity Trend				+ 4.0%		

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

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

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

(1) Accident Year Ending	(2) Basic Limit Paid Losses *	(3) Occurrences at Ultimate	(4) (2) / (3) Actual Severity	(5) Exponential Curve of Best Fit to Col (4)		
				10 Year	8 Year	6 Year
6/30/2011	\$164,294,189	15,159	\$10,838	\$11,551		
12/31/2011	\$166,910,517	15,123	\$11,037	\$11,838		
6/30/2012	\$162,335,564	14,540	\$11,165	\$12,133		
12/31/2012	\$172,183,327	13,647	\$12,617	\$12,435		
6/30/2013	\$174,628,283	13,077	\$13,354	\$12,745	\$13,529	
12/31/2013	\$163,968,001	12,330	\$13,298	\$13,062	\$13,779	
6/30/2014	\$172,901,430	11,990	\$14,421	\$13,387	\$14,034	
12/31/2014	\$173,681,335	11,893	\$14,604	\$13,720	\$14,293	
6/30/2015	\$176,974,099	11,670	\$15,165	\$14,062	\$14,557	\$14,604
12/31/2015	\$179,386,152	11,700	\$15,332	\$14,412	\$14,826	\$14,865
6/30/2016	\$177,596,611	11,819	\$15,026	\$14,771	\$15,100	\$15,131
12/31/2016	\$178,433,891	12,007	\$14,860	\$15,139	\$15,380	\$15,402
6/30/2017	\$179,074,865	11,898	\$15,051	\$15,516	\$15,664	\$15,677
12/31/2017	\$184,933,884	11,689	\$15,821	\$15,902	\$15,953	\$15,958
6/30/2018	\$189,846,573	11,725	\$16,192	\$16,298	\$16,248	\$16,243
12/31/2018	\$194,923,643	11,769	\$16,563	\$16,704	\$16,548	\$16,534
6/30/2019	\$191,116,917	11,610	\$16,461	\$17,119	\$16,854	\$16,830
12/31/2019	\$197,308,688	11,503	\$17,153	\$17,546	\$17,166	\$17,131
6/30/2020	\$190,192,711	10,539	\$18,046	\$17,982	\$17,483	\$17,438
12/31/2020	\$177,273,555	9,874	\$17,954	\$18,430	\$17,806	\$17,750
Goodness of Fit Statistic, R-Squared:				0.905	0.920	0.861
Average Annual Severity Trend (10 yr)				+ 5.0%		
Average Annual Severity Trend ( 8 yr)				+ 3.7%		
Average Annual Severity Trend ( 6 yr)				+ 3.6%		
Selected Annual Severity Trend				+ 4.0%		

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

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

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
6/30/2011	\$24,083,314	778	\$30,955	\$41,713		
12/31/2011	\$19,504,923	587	\$33,228	\$41,183		
6/30/2012	\$17,329,504	463	\$37,441	\$40,660		
12/31/2012	\$15,795,250	436	\$36,250	\$40,143		
6/30/2013	\$18,402,373	412	\$44,681	\$39,633	\$48,681	
12/31/2013	\$25,896,350	457	\$56,700	\$39,129	\$47,036	
6/30/2014	\$23,859,828	505	\$47,200	\$38,632	\$45,446	
12/31/2014	\$19,221,641	505	\$38,026	\$38,141	\$43,910	
6/30/2015	\$21,850,608	513	\$42,590	\$37,657	\$42,425	\$42,230
12/31/2015	\$19,060,861	514	\$37,082	\$37,178	\$40,991	\$40,839
6/30/2016	\$20,475,957	504	\$40,663	\$36,706	\$39,606	\$39,494
12/31/2016	\$19,088,204	472	\$40,463	\$36,239	\$38,267	\$38,193
6/30/2017	\$17,642,589	505	\$34,941	\$35,779	\$36,973	\$36,935
12/31/2017	\$21,567,860	543	\$39,697	\$35,324	\$35,724	\$35,719
6/30/2018	\$21,135,334	541	\$39,059	\$34,875	\$34,516	\$34,543
12/31/2018	\$17,439,821	497	\$35,118	\$34,432	\$33,349	\$33,405
6/30/2019	\$12,600,710	437	\$28,822	\$33,994	\$32,222	\$32,305
12/31/2019	\$10,401,186	441	\$23,596	\$33,562	\$31,133	\$31,241
6/30/2020	\$13,134,244	434	\$30,290	\$33,136	\$30,081	\$30,212
12/31/2020	\$15,243,496	439	\$34,762	\$32,715	\$29,064	\$29,217
Goodness of Fit Statistic, R-Squared:				0.160	0.635	0.490
Average Annual Severity Trend (10 yr)				- 2.5%		
Average Annual Severity Trend ( 8 yr)				- 6.6%		
Average Annual Severity Trend ( 6 yr)				- 6.5%		
Selected Annual Severity Trend				0.0%		

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

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

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

(1) Accident Year Ending	(2) Basic Limit Paid Losses *	(3) Occurrences at Ultimate	(4) (2)/(3) Actual Severity	(5) Exponential Curve of Best Fit to Col (4)		
				10 Year	8 Year	6 Year
6/30/2011	\$631,520,438	18,738	\$33,703	\$32,557		
12/31/2011	\$627,699,105	18,008	\$34,857	\$33,481		
6/30/2012	\$575,294,844	16,049	\$35,847	\$34,430		
12/31/2012	\$548,519,218	15,320	\$35,803	\$35,407		
6/30/2013	\$580,727,411	16,065	\$36,148	\$36,411	\$35,105	
12/31/2013	\$632,058,468	17,092	\$36,979	\$37,444	\$36,239	
6/30/2014	\$706,254,036	18,448	\$38,284	\$38,506	\$37,409	
12/31/2014	\$698,408,650	17,656	\$39,556	\$39,598	\$38,617	
6/30/2015	\$699,134,868	17,277	\$40,466	\$40,721	\$39,864	\$38,376
12/31/2015	\$724,822,637	17,440	\$41,561	\$41,876	\$41,152	\$39,832
6/30/2016	\$691,633,337	16,220	\$42,640	\$43,064	\$42,481	\$41,344
12/31/2016	\$699,440,275	16,290	\$42,938	\$44,285	\$43,853	\$42,912
6/30/2017	\$721,581,456	16,847	\$42,830	\$45,541	\$45,269	\$44,540
12/31/2017	\$749,421,766	17,271	\$43,393	\$46,833	\$46,732	\$46,230
6/30/2018	\$806,598,402	17,892	\$45,082	\$48,161	\$48,241	\$47,984
12/31/2018	\$808,104,675	17,195	\$46,996	\$49,527	\$49,799	\$49,805
6/30/2019	\$788,798,441	16,045	\$49,162	\$50,932	\$51,407	\$51,695
12/31/2019	\$793,742,631	15,032	\$52,805	\$52,377	\$53,068	\$53,656
6/30/2020	\$689,221,051	11,307	\$60,956	\$53,862	\$54,782	\$55,692
12/31/2020	\$453,152,450	7,296	\$62,113	\$55,390	\$56,551	\$57,805
Goodness of Fit Statistic, R-Squared:				0.884	0.873	0.850
Average Annual Severity Trend (10 yr)				+ 5.8%		
Average Annual Severity Trend ( 8 yr)				+ 6.6%		
Average Annual Severity Trend ( 6 yr)				+ 7.7%		
Selected Annual Severity Trend				+ 5.0%		

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

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



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

(1) Accident Year Ending	(2) Basic Limit Paid Losses *	(3) Occurrences at Ultimate	(4) (2)/(3) Actual Severity	(5) Exponential Curve of Best Fit to Col (4)		
				10 Year	8 Year	6 Year
6/30/2011	\$70,411,697	8,384	\$8,399	\$7,930		
12/31/2011	\$74,072,470	8,330	\$8,892	\$8,181		
6/30/2012	\$68,669,614	7,660	\$8,965	\$8,440		
12/31/2012	\$63,745,255	7,265	\$8,774	\$8,707		
6/30/2013	\$65,934,730	7,393	\$8,918	\$8,982	\$8,450	
12/31/2013	\$69,997,399	7,453	\$9,391	\$9,266	\$8,773	
6/30/2014	\$69,103,107	7,712	\$8,960	\$9,559	\$9,109	
12/31/2014	\$67,810,744	7,715	\$8,789	\$9,861	\$9,457	
6/30/2015	\$76,668,016	7,410	\$10,346	\$10,173	\$9,818	\$9,609
12/31/2015	\$77,687,240	7,460	\$10,413	\$10,494	\$10,194	\$10,011
6/30/2016	\$75,685,944	7,395	\$10,235	\$10,826	\$10,584	\$10,429
12/31/2016	\$80,491,414	7,496	\$10,739	\$11,168	\$10,988	\$10,865
6/30/2017	\$83,833,582	7,931	\$10,570	\$11,521	\$11,408	\$11,319
12/31/2017	\$89,069,100	7,908	\$11,263	\$11,885	\$11,844	\$11,792
6/30/2018	\$93,088,285	7,657	\$12,157	\$12,261	\$12,297	\$12,285
12/31/2018	\$91,327,405	7,390	\$12,358	\$12,649	\$12,767	\$12,799
6/30/2019	\$93,534,071	7,097	\$13,180	\$13,049	\$13,255	\$13,334
12/31/2019	\$93,091,357	6,786	\$13,719	\$13,461	\$13,762	\$13,891
6/30/2020	\$83,235,252	5,400	\$15,415	\$13,887	\$14,288	\$14,472
12/31/2020	\$72,514,905	4,630	\$15,661	\$14,326	\$14,834	\$15,076
Goodness of Fit Statistic, R-Squared:				0.908	0.934	0.926
Average Annual Severity Trend (10 yr)				+ 6.4%		
Average Annual Severity Trend ( 8 yr)				+ 7.8%		
Average Annual Severity Trend ( 6 yr)				+ 8.5%		
Selected Annual Severity Trend				+ 6.0%		

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

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

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

(1) Accident Year Ending	(2) Basic Limit Paid Losses *	(3) Occurrences at Ultimate	(4) (2)/(3) Actual Severity	(5) Exponential Curve of Best Fit to Col (4)		
				10 Year	8 Year	6 Year
6/30/2011	\$40,614,436	481	\$84,452	\$82,336		
12/31/2011	\$50,294,996	424	\$118,708	\$81,480		
6/30/2012	\$38,030,892	342	\$111,299	\$80,634		
12/31/2012	\$27,307,627	335	\$81,435	\$79,797		
6/30/2013	\$27,861,135	380	\$73,365	\$78,968	\$63,916	
12/31/2013	\$32,290,761	414	\$77,974	\$78,148	\$64,659	
6/30/2014	\$36,506,474	480	\$76,051	\$77,336	\$65,410	
12/31/2014	\$32,864,591	528	\$62,258	\$76,533	\$66,170	
6/30/2015	\$37,072,326	607	\$61,049	\$75,738	\$66,939	\$56,226
12/31/2015	\$42,159,450	693	\$60,792	\$74,951	\$67,717	\$58,344
6/30/2016	\$39,217,658	695	\$56,462	\$74,173	\$68,504	\$60,542
12/31/2016	\$34,492,756	639	\$53,974	\$73,403	\$69,300	\$62,822
6/30/2017	\$35,229,710	558	\$63,179	\$72,640	\$70,105	\$65,189
12/31/2017	\$41,881,200	533	\$78,591	\$71,886	\$70,920	\$67,644
6/30/2018	\$44,386,020	524	\$84,690	\$71,139	\$71,744	\$70,192
12/31/2018	\$33,429,524	497	\$67,323	\$70,400	\$72,577	\$72,836
6/30/2019	\$25,747,999	411	\$62,714	\$69,669	\$73,421	\$75,580
12/31/2019	\$26,296,505	383	\$68,639	\$68,946	\$74,274	\$78,427
6/30/2020	\$32,341,527	379	\$85,351	\$68,229	\$75,137	\$81,381
12/31/2020	\$30,501,621	313	\$97,402	\$67,521	\$76,010	\$84,447
Goodness of Fit Statistic, R-Squared:				0.095	0.133	0.531
Average Annual Severity Trend (10 yr)				- 2.1%		
Average Annual Severity Trend ( 8 yr)				+ 2.3%		
Average Annual Severity Trend ( 6 yr)				+ 7.7%		
Selected Annual Severity Trend				0.0%		

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

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

PREMISES/OPERATIONS  
MANUFACTURERS AND CONTRACTORS

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

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

Bodily Injury and Property Damage Combined

(1) Accident Year Ending	(2) Aggregate Loss Costs at Current Level	(3) Occurrences at Ultimate <sup>1</sup>	(4) Occurrence Frequency (3) / (2) <sup>2</sup>
12/31/2007	\$ 876,480,191	28,124	32.09
12/31/2008	\$ 929,731,961	29,440	31.66
12/31/2009	\$ 850,156,853	27,606	32.47
12/31/2010	\$ 845,097,444	29,655	35.09
12/31/2011	\$ 864,876,623	28,129	32.52
12/31/2012	\$ 856,129,884	26,854	31.37
12/31/2013	\$ 893,925,782	26,471	29.61
12/31/2014	\$ 934,558,802	27,871	29.82
12/31/2015	\$ 958,878,086	27,722	28.91
12/31/2016	\$ 970,928,544	28,038	28.88
12/31/2017	\$ 1,000,796,876	28,332	28.31
12/31/2018	\$ 1,023,875,739	28,858	28.19
12/31/2019	\$ 1,043,453,478	26,903	25.78
12/31/2020	\$ 1,034,126,723	22,626	21.88

Selected Annual Frequency Trend: - 0.5%

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

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

PREMISES/OPERATIONS  
OWNERS, LANDLORDS AND TENANTS

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

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

Bodily Injury and Property Damage Combined

(1) Accident Year Ending	(2) Aggregate Loss Costs at Current Level	(3) Occurrences at Ultimate <sup>1</sup>	(4) Occurrence Frequency (3) / (2) <sup>2</sup>
12/31/2007	\$ 1,125,083,581	32,229	28.65
12/31/2008	\$ 1,250,692,750	33,315	26.64
12/31/2009	\$ 1,323,728,852	32,072	24.23
12/31/2010	\$ 1,386,084,187	33,020	23.82
12/31/2011	\$ 1,388,763,291	30,954	22.29
12/31/2012	\$ 1,395,829,287	27,014	19.35
12/31/2013	\$ 1,406,187,232	29,430	20.93
12/31/2014	\$ 1,460,124,833	30,517	20.90
12/31/2015	\$ 1,557,035,224	31,121	19.99
12/31/2016	\$ 1,559,987,343	29,674	19.02
12/31/2017	\$ 1,578,955,119	31,733	20.10
12/31/2018	\$ 1,558,918,380	31,391	20.14
12/31/2019	\$ 1,495,025,566	28,304	18.93
12/31/2020	\$ 1,352,725,594	16,681	12.33

Selected Annual Frequency Trend: - 0.5%

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

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

## PREMISES/OPERATIONS (SUBLINE CODE 334)

## CLASS GROUPS AND DIFFERENTIALS

\*Base Class

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

## PREMISES/OPERATIONS (SUBLINE CODE 334)

## CLASS GROUPS AND DIFFERENTIALS

\*Base Class

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

## PREMISES/OPERATIONS (SUBLINE CODE 334)

## CLASS GROUPS AND DIFFERENTIALS

\*Base Class

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

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

## PREMISES/OPERATIONS (SUBLINE CODE 334)

## CLASS GROUPS AND DIFFERENTIALS

\*Base Class

CLASS GROUP 14

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

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

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

CLASS GROUP 16

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

\*



## PREMISES/OPERATIONS (SUBLINE CODE 334)

## CLASS GROUPS AND DIFFERENTIALS

\*Base Class

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

## PREMISES/OPERATIONS (SUBLINE CODE 334)

## CLASS GROUPS AND DIFFERENTIALS

\*Base Class

CLASS GROUP 32

(cont'd)

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

99321 6.22

99613 5.51

99620 0.30

99718 0.88

99746 1.49

99760 0.17

99793 1.89

99827 0.27

99851 1.10

99917 1.78

99938 2.00

99943 5.80

99946 4.32

99963 0.43

CLASS GROUP 33

91130 0.28

91135 0.08

91200 0.16

91265 3.42

91266 1.81

91560 1.00 \*

91580 1.32

91606 2.74

91629 0.56

91636 0.96

91641 0.26

91722 0.84

92445 0.55

92663 0.13

95306 1.10

95357 0.28

95455 1.16

95505 0.54

96317 0.29

96872 1.03

97220 0.075

97308 0.14

97447 0.46

97651 1.36

97652 1.18

97655 1.05

98002 0.19

98152 0.64

98153 0.72

98154 0.85

98155 1.19

98157 0.76

98159 0.51

98160 1.08

98161 1.21

98163 1.27

98303 2.39

98309 1.20

98429 0.25

98658 1.23

98659 0.22

98705 1.74

98751 0.93

98914 0.15

98949 0.21

99220 0.33

99222 0.62

99471 0.15

99969 0.60

99988 0.53

CLASS GROUP 34

10036 2.70

10073 4.20

10075 31.17

10107 12.84

10255 1.00 \*

10256 3.66

10257 0.69

11039 3.65

11248 0.19

12014 0.41

12509 0.25

12510 3.17

12583 1.41

12651 4.11

12683 1.88

13201 3.63

13204 4.11

13205 1.58

13410 5.75

13412 1.94

13453 2.24

13454 2.62

13455 2.66

13590 1.98

13621 0.50

14279 1.91

14855 0.88

15062 0.79

15063 0.92

15188 1.39

15404 0.36

15405 0.53

## PREMISES/OPERATIONS (SUBLINE CODE 334)

## CLASS GROUPS AND DIFFERENTIALS

\*Base Class

CLASS GROUP 34

(cont'd)

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

CLASS GROUP 35

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

\*

59773	0.17
59774	0.14
59775	0.18
59889	0.56

CLASS GROUP 36

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

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

\*

## PREMISES/OPERATIONS (SUBLINE CODE 334)

## CLASS GROUPS AND DIFFERENTIALS

\*Base Class

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

## PREMISES/OPERATIONS (SUBLINE CODE 334)

## CLASS GROUPS AND DIFFERENTIALS

\*Base Class

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

## CLASS GROUPS AND DIFFERENTIALS

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*Base Class
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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	11205	(a)	91589	(a)		
15699	0.42	13206	(a)	91591	(a)		
16471	0.24	13207	(a)	91618	(a)		
41620	1.21	13411	(a)	94444	(a)		
41677	0.25	15060	(a)	94638	(a)		
41696	0.79	15061	(a)	95358	(a)		
41697	0.55	18575	(a)	95630	(a)		
43470	4.60	41675	(a)	95648	(a)		
43822	3.66	41679	(a)	96703	(a)		
43840	0.045	44010	(a)	96930	(a)		
43860	2.88	51211	(a)	97002	(a)		
43889	1.03	52876	(a)	97003	(a)		
44280	0.25	53901	(a)	97221	(a)		
45678	0.27	53902	(a)	98150	(a)		
		53903	(a)	98151	(a)		
		53904	(a)	98156	(a)		

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

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

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

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

# AGGREGATE LOSS COSTS AT CURRENT LEVEL HAVE BEEN TRENDED FROM AN AVERAGE DATE OF COVERAGE TO ONE YEAR BEYOND AN ASSUMED EFFECTIVE DATE OF 07/01/2022 BY AN EXPONENTIAL PROJECTION OF THE AVERAGE ANNUAL EXPOSURE TREND FACTOR. THE DERIVATION OF THIS EXPOSURE TREND FACTOR IS SHOWN IN SECTION C, EXHIBIT C14 - AVERAGE ANNUAL EXPOSURE TRENDS.

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

MULTISTATE  
PRODUCTS  
OCCURRENCE  
FULL COVERAGE  
CALCULATION OF INCURRED LOSSES

REPORT TYPE	LOSS DESCRIPTION	ACCIDENT YEAR ENDING	\$100,000	X	\$100,000	X				X	SEVERITY TREND	X	FREQUENCY TREND	=	\$100,000
			BASIC LIMIT LOSSES		BASIC LIMIT INDEMNITY DEVELOPMENT		UNALLOCATED LOSS ADJUSTMENT	BASIC LIMIT DEVELOPED & TRENDED LOSSES							
			AND ALAE *		FACTOR		FACTOR	AND ALAE							
BI	B/L INDEMNITY	12/31/2017	\$14,414,487		1.024		1.080		1.194		0.913		\$17,377,929		
		12/31/2018	\$14,035,898		1.108		1.080		1.159		0.927		\$18,045,416		
		12/31/2019	\$9,312,243		1.478		1.080		1.126		0.941		\$15,749,998		
		12/31/2020	\$6,982,948		2.120		1.080		1.093		0.956		\$16,706,154		
BI	ALAE	12/31/2017	\$19,047,802				1.080		1.194		0.913		\$22,425,582		
		12/31/2018	\$21,563,036				1.080		1.159		0.927		\$25,020,549		
		12/31/2019	\$14,061,730				1.080		1.126		0.941		\$16,091,277		
		12/31/2020	\$13,749,165				1.080		1.093		0.956		\$15,515,941		
PD	B/L INDEMNITY	12/31/2017	\$21,642,806		1.120		1.080		1.302		0.913		\$31,119,822		
		12/31/2018	\$18,214,771		1.148		1.080		1.246		0.927		\$26,084,777		
		12/31/2019	\$18,737,036		1.241		1.080		1.193		0.941		\$28,192,040		
		12/31/2020	\$13,216,491		1.419		1.080		1.141		0.956		\$22,093,568		
PD	ALAE	12/31/2017	\$27,938,485				1.080		1.302		0.913		\$35,868,100		
		12/31/2018	\$21,021,492				1.080		1.246		0.927		\$26,223,163		
		12/31/2019	\$23,738,824				1.080		1.193		0.941		\$28,781,473		
		12/31/2020	\$16,653,694				1.080		1.141		0.956		\$19,619,045		
TOTAL															
FULL COVERAGE		12/31/2017												\$106,791,433	
		12/31/2018												\$95,373,905	
		12/31/2019												\$88,814,788	
		12/31/2020												\$73,934,708	

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



MULTISTATE  
PRODUCTS  
OCCURRENCE  
DED COVERAGE  
CALCULATION OF INCURRED LOSSES

REPORT TYPE	LOSS DESCRIPTION	ACCIDENT YEAR ENDING	\$100,000	\$100,000				\$100,000					
			BASIC LIMIT	BASIC LIMIT	UNALLOCATED	BASIC LIMIT							
			LOSSES	INDEMNITY	LOSS	DEVELOPED &							
			AND ALAE *	X	FACTOR	X	FACTOR	X	SEVERITY	X	FREQUENCY	=	TRENDED LOSSES
									TREND		TREND		AND ALAE
BI	B/L INDEMNITY	12/31/2017	\$2,242,389		1.022		1.080		1.194		0.913		\$2,698,117
		12/31/2018	\$1,794,683		1.149		1.080		1.159		0.927		\$2,392,736
		12/31/2019	\$1,558,093		1.499		1.080		1.126		0.941		\$2,672,679
		12/31/2020	\$645,485		1.845		1.080		1.093		0.956		\$1,343,954
BI	ALAE	12/31/2017	\$2,916,131				1.080		1.194		0.913		\$3,433,254
		12/31/2018	\$2,028,138				1.080		1.159		0.927		\$2,353,339
		12/31/2019	\$2,523,848				1.080		1.126		0.941		\$2,888,118
		12/31/2020	\$1,196,613				1.080		1.093		0.956		\$1,350,378
PD	B/L INDEMNITY	12/31/2017	\$4,093,457		1.073		1.080		1.302		0.913		\$5,638,914
		12/31/2018	\$4,044,711		1.127		1.080		1.246		0.927		\$5,686,342
		12/31/2019	\$2,934,375		1.232		1.080		1.193		0.941		\$4,383,088
		12/31/2020	\$2,489,873		1.422		1.080		1.141		0.956		\$4,171,037
PD	ALAE	12/31/2017	\$5,345,645				1.080		1.302		0.913		\$6,862,868
		12/31/2018	\$4,222,281				1.080		1.246		0.927		\$5,267,065
		12/31/2019	\$3,798,798				1.080		1.193		0.941		\$4,605,746
		12/31/2020	\$3,054,830				1.080		1.141		0.956		\$3,598,772
TOTAL													
DED COVERAGE		12/31/2017											\$18,633,153
		12/31/2018											\$15,699,482
		12/31/2019											\$14,549,631
		12/31/2020											\$10,464,141
TOTAL													
OCCURRENCE		12/31/2017											\$125,424,587
		12/31/2018											\$111,073,386
		12/31/2019											\$103,364,419
		12/31/2020											\$84,398,850

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

Multistate

Products

Subline Code 336

Combined Single Limit

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

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

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

MULTISTATE  
PRODUCTS

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

Accident Year Ending	15 Months	27 Months	39 Months	51 Months	63 Months	75 Months	87 Months	99 Months
12/31/2013	296,572,888	299,206,758	298,956,535	298,941,437	298,911,484	298,912,053	298,906,089	298,906,089
12/31/2014	305,713,706	312,412,678	312,251,959	312,191,473	312,112,712	312,106,587	312,106,587	
12/31/2015	309,562,694	310,299,067	310,132,450	310,017,678	309,888,281	309,888,200		
12/31/2016	297,277,031	296,717,575	296,686,387	296,745,015	296,750,284			
12/31/2017	291,422,431	292,586,850	292,439,530	292,421,815				
12/31/2018	287,235,105	287,373,471	287,373,310					
12/31/2019	285,048,561	282,849,767						
12/31/2020	267,744,800							

LINK RATIOS

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

Average Best 3 of 5  
27:15      39:27  
 1.000      0.999

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

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

Products (Subline Code 336)  
Full Coverage  
Multistate

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

\$100,000 Basic Limit Losses as of :											
<u>A.Y.E.</u>	<u>15 Months</u>	<u>27 Months</u>	<u>39 Months</u>	<u>51 Months</u>	<u>63 Months</u>	<u>75 Months</u>	<u>87 Months</u>	<u>99 Months</u>	<u>111 Months</u>	<u>123 Months</u>	<u>135 Months</u>
12/31/2001	7,565,837	11,532,284	14,894,427	15,674,403	15,972,792	15,929,495	16,307,484	16,690,599	16,537,105	16,362,727	16,632,938
12/31/2002	6,250,966	9,698,193	13,280,836	15,660,109	14,735,734	14,074,593	13,702,499	13,464,568	13,457,546	13,453,262	13,626,380
12/31/2003	6,455,713	10,911,297	14,049,820	14,698,875	13,971,053	13,270,350	12,976,376	13,399,924	13,748,994	13,918,308	13,865,287
12/31/2004	7,060,647	10,642,076	13,968,766	15,547,580	14,855,875	13,875,430	13,939,740	13,817,927	14,171,291	14,263,691	14,286,013
12/31/2005	8,476,387	9,976,434	12,862,127	12,782,393	13,043,055	12,914,529	12,740,155	12,949,741	12,727,113	12,750,098	12,676,141
12/31/2006	7,833,992	12,426,464	16,279,881	16,130,951	15,517,590	15,612,691	15,605,657	15,798,763	16,044,535	15,977,284	15,729,756
12/31/2007	9,277,627	14,202,261	17,426,328	18,117,071	18,187,422	18,162,162	17,650,912	17,641,740	17,421,332	17,314,582	17,442,065
12/31/2008	9,406,302	13,570,417	16,180,182	17,122,773	18,874,445	17,584,239	17,407,115	17,348,358	17,378,817	17,460,506	17,663,882
12/31/2009	10,246,216	13,057,336	15,578,201	16,054,370	15,798,741	15,890,914	15,668,419	15,684,194	15,691,462	15,921,055	16,222,005
12/31/2010	10,796,890	15,136,629	16,567,757	17,121,863	17,103,374	15,811,784	15,561,982	15,572,771	15,593,815	15,471,591	15,570,599
12/31/2011	8,512,981	11,389,068	14,582,836	14,880,906	14,316,564	14,102,882	14,023,557	14,161,798	14,621,709	14,508,116	
12/31/2012	8,565,692	12,503,598	16,209,343	16,440,398	16,656,227	16,192,429	16,106,420	16,786,478	16,554,768		
12/31/2013	6,292,601	9,341,808	12,815,315	13,675,599	14,018,267	13,907,732	14,353,922	14,093,589			
12/31/2014	6,916,560	9,546,568	12,971,496	14,735,733	14,164,171	14,799,587	14,897,876				
12/31/2015	6,512,815	8,964,348	11,836,910	12,980,824	12,800,106	12,734,600					
12/31/2016	5,821,748	8,223,125	10,872,908	11,577,861	11,977,370						
12/31/2017	6,062,903	9,415,767	12,858,464	13,918,829							
12/31/2018	6,816,744	9,881,875	12,459,790								
12/31/2019	5,744,709	8,274,523									
12/31/2020	6,231,237										
<u>A.Y.E.</u>	<u>147 Months</u>	<u>159 Months</u>	<u>171 Months</u>	<u>183 Months</u>	<u>195 Months</u>	<u>207 Months</u>	<u>219 Months</u>	<u>231 Months</u>	<u>243 Months</u>		
12/31/2001	17,012,802	17,100,918	17,351,267	17,647,251	17,548,725	17,776,426	17,759,880	17,757,986	17,746,422		
12/31/2002	14,103,087	13,842,988	13,857,707	13,522,883	13,775,505	13,763,646	13,762,729	13,793,796			
12/31/2003	13,912,976	13,996,988	13,780,995	13,843,864	13,976,737	13,949,931	14,019,542				
12/31/2004	14,151,073	14,035,217	14,207,377	14,260,536	14,151,863	14,123,811					
12/31/2005	12,556,685	12,574,847	12,578,066	12,525,233	12,563,180						
12/31/2006	16,022,788	16,232,535	16,129,757	16,129,860							
12/31/2007	17,419,091	17,885,580	18,147,537								
12/31/2008	17,691,153	17,689,503									
12/31/2009	18,030,255										

Products (Subline Code 336)  
Full Coverage  
Multistate

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

	Link Ratios										
A.Y.E.	<u>27:15</u>	<u>39:27</u>	<u>51:39</u>	<u>63:51</u>	<u>75:63</u>	<u>87:75</u>	<u>99:87</u>	<u>111:99</u>	<u>123:111</u>	<u>135:123</u>	<u>147:135</u>
12/31/2001	1.524	1.292	1.052	1.019	0.997	1.024	1.023	0.991	0.989	1.017	1.023
12/31/2002	1.551	1.369	1.179	0.941	0.955	0.974	0.983	0.999	1.000	1.013	1.035
12/31/2003	1.690	1.288	1.046	0.950	0.950	0.978	1.033	1.026	1.012	0.996	1.003
12/31/2004	1.507	1.313	1.113	0.956	0.934	1.005	0.991	1.026	1.007	1.002	0.991
12/31/2005	1.177	1.289	0.994	1.020	0.990	0.986	1.016	0.983	1.002	0.994	0.991
12/31/2006	1.586	1.310	0.991	0.962	1.006	1.000	1.012	1.016	0.996	0.985	1.019
12/31/2007	1.531	1.227	1.040	1.004	0.999	0.972	0.999	0.988	0.994	1.007	0.999
12/31/2008	1.443	1.192	1.058	1.102	0.932	0.990	0.997	1.002	1.005	1.012	1.002
12/31/2009	1.274	1.193	1.031	0.984	1.006	0.986	1.001	1.000	1.015	1.019	1.111
12/31/2010	1.402	1.095	1.033	0.999	0.924	0.984	1.001	1.001	0.992	1.006	
12/31/2011	1.338	1.280	1.020	0.962	0.985	0.994	1.010	1.032	0.992		
12/31/2012	1.460	1.296	1.014	1.013	0.972	0.995	1.042	0.986			
12/31/2013	1.485	1.372	1.067	1.025	0.992	1.032	0.982				
12/31/2014	1.380	1.359	1.136	0.961	1.045	1.007					
12/31/2015	1.376	1.320	1.097	0.986	0.995						
12/31/2016	1.412	1.322	1.065	1.035							
12/31/2017	1.553	1.366	1.082								
12/31/2018	1.450	1.261									
12/31/2019	1.440										
3 Yr Mean	1.481	1.316	1.081	0.994	1.011	1.011	1.011	1.006	1.000	1.012	1.037
Best 3/5	1.434	1.334	1.082	1.008	0.991	0.999	1.004	1.001	0.997	1.008	1.007
A.Y.E.	<u>159:147</u>	<u>171:159</u>	<u>183:171</u>	<u>195:183</u>	<u>207:195</u>	<u>219:207</u>	<u>231:219</u>	<u>243:231</u>			
12/31/2001	1.005	1.015	1.017	0.994	1.013	0.999	1.000	0.999			
12/31/2002	0.982	1.001	0.976	1.019	0.999	1.000	1.002	<b>1.000</b>			
12/31/2003	1.006	0.985	1.005	1.010	0.998	1.005	<b>1.000</b>	<b>1.000</b>			
12/31/2004	0.992	1.012	1.004	0.992	0.998	<b>1.000</b>	<b>1.000</b>	<b>1.000</b>			
12/31/2005	1.001	1.000	0.996	1.003	<b>1.002</b>	<b>1.000</b>	<b>1.000</b>	<b>1.000</b>			
12/31/2006	1.013	0.994	1.000								
12/31/2007	1.027	1.015									
12/31/2008	1.000										
3 Yr Mean	1.013	1.003	1.000	1.002	0.998	1.001	1.001	0.999			
Best 3/5	1.005	1.002	1.000	1.002	<b>1.000</b>	<b>1.000</b>	<b>1.000</b>	<b>1.000</b>			
A.Y.E.	<u>15/ 27</u>	<u>27/ 39</u>	<u>39/ 51</u>	<u>51/ 63</u>	Development From						
12/31/2016					<u>63/ 75</u>	<u>75/ 87</u>	<u>87/ 99</u>	<u>99/111</u>	<u>111/123</u>	<u>123/135</u>	<u>135/147</u>
12/31/2017				1.008	0.991	0.999	1.004	1.001	0.997	1.008	1.007
12/31/2018			1.082	1.008	0.991	0.999	1.004	1.001	0.997	1.008	1.007
12/31/2019		1.334	1.082	1.008	0.991	0.999	1.004	1.001	0.997	1.008	1.007
12/31/2020	1.434	1.334	1.082	1.008	0.991	0.999	1.004	1.001	0.997	1.008	1.007
A.Y.E.	<u>147/159</u>	<u>159/171</u>	<u>171/183</u>	<u>183/195</u>	<u>195/207</u>	<u>207/219</u>	<u>219/231</u>	<u>231/243</u>	<u>243/Ult</u>	FACTORS	
12/31/2016	1.005	1.002	1.000	1.002	1.000	1.000	1.000	1.000	<b>1.000</b>	1.016	
12/31/2017	1.005	1.002	1.000	1.002	1.000	1.000	1.000	1.000	<b>1.000</b>	1.024	
12/31/2018	1.005	1.002	1.000	1.002	1.000	1.000	1.000	1.000	<b>1.000</b>	1.108	
12/31/2019	1.005	1.002	1.000	1.002	1.000	1.000	1.000	1.000	<b>1.000</b>	1.478	
12/31/2020	1.005	1.002	1.000	1.002	1.000	1.000	1.000	1.000	<b>1.000</b>	2.120	

**Bold - Calculated Using Modified Bondy Method**

*Italics - Three year mean Excludes Modified Bondy ratios*

Products (Subline Code 336)  
Deductible  
Multistate

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

\$100,000 Basic Limit Losses as of :											
<u>A.Y.E.</u>	<u>15 Months</u>	<u>27 Months</u>	<u>39 Months</u>	<u>51 Months</u>	<u>63 Months</u>	<u>75 Months</u>	<u>87 Months</u>	<u>99 Months</u>	<u>111 Months</u>	<u>123 Months</u>	<u>135 Months</u>
12/31/2001	466,881	955,054	1,347,676	1,745,986	1,520,822	1,406,122	1,605,191	1,575,051	1,613,422	1,530,487	1,551,486
12/31/2002	467,959	1,076,039	1,549,613	1,477,701	1,714,419	1,710,652	1,780,327	1,608,378	1,581,451	1,583,846	1,581,501
12/31/2003	629,311	907,066	948,324	1,450,260	1,189,619	1,171,082	1,290,531	1,282,199	1,284,674	1,290,423	1,292,534
12/31/2004	1,258,610	1,527,766	1,937,490	2,217,268	2,161,024	2,124,548	2,087,537	2,157,976	2,156,781	2,158,245	2,158,449
12/31/2005	884,122	1,158,130	1,868,268	1,875,598	1,295,577	1,295,611	1,335,361	1,266,520	1,165,384	1,161,618	1,166,118
12/31/2006	1,338,134	1,847,729	2,193,955	1,934,916	1,674,474	1,606,230	1,540,979	1,588,428	1,488,511	1,493,011	1,520,569
12/31/2007	1,684,108	2,251,357	2,091,769	2,255,984	2,321,204	1,951,657	1,958,756	2,069,133	2,073,533	2,098,533	2,108,808
12/31/2008	1,135,792	1,533,206	1,936,711	1,984,123	2,050,342	2,100,969	2,216,483	2,184,750	2,109,751	2,097,401	2,195,175
12/31/2009	907,444	1,159,006	1,355,320	1,419,126	1,653,640	1,800,181	1,744,942	1,739,943	1,832,169	1,929,942	1,930,342
12/31/2010	1,027,500	1,738,516	1,635,305	1,763,205	1,847,142	1,945,049	1,898,380	1,800,604	2,389,523	2,035,471	2,000,471
12/31/2011	1,212,733	1,745,976	2,008,813	1,721,345	1,697,374	1,702,123	1,800,124	1,807,222	1,777,122	1,778,122	
12/31/2012	959,232	1,255,525	1,662,545	1,386,787	1,260,935	1,482,870	1,503,444	1,440,149	1,430,149		
12/31/2013	743,389	1,164,532	1,333,962	1,554,424	1,636,437	1,696,686	1,738,135	1,660,135			
12/31/2014	592,767	1,205,729	1,509,544	1,687,940	1,751,715	1,674,637	1,670,637				
12/31/2015	866,547	1,281,265	1,269,836	1,481,847	1,727,966	1,707,768					
12/31/2016	862,177	934,064	1,285,332	1,400,626	1,319,743						
12/31/2017	419,615	1,321,622	1,697,224	1,853,799							
12/31/2018	841,713	793,494	1,482,182								
12/31/2019	1,098,916	1,243,452									
12/31/2020	583,842										

  

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

Products (Subline Code 336)  
Deductible  
Multistate

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

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

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

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

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

**Bold - Calculated Using Modified Bondy Method**

*Italics - Three year mean Excludes Modified Bondy ratios*

Products (Subline Code 336)  
Full Coverage  
Multistate

Bodily Injury - Occurrence  
Incurred Accident Year ALAE Development

Allocated Expenses as of:											
<u>A.Y.E.</u>	<u>15 Months</u>	<u>27 Months</u>	<u>39 Months</u>	<u>51 Months</u>	<u>63 Months</u>	<u>75 Months</u>	<u>87 Months</u>	<u>99 Months</u>	<u>111 Months</u>	<u>123 Months</u>	<u>135 Months</u>
12/31/2001	1,888,192	5,188,885	8,005,033	9,932,916	12,910,820	14,372,356	16,121,407	17,693,117	18,013,821	17,970,847	18,253,072
12/31/2002	1,252,503	3,323,891	7,518,848	11,824,013	15,029,171	18,065,862	18,032,904	18,729,828	19,140,723	19,524,989	19,628,503
12/31/2003	1,327,084	4,057,802	8,522,769	14,428,918	18,997,777	20,955,523	21,588,557	22,970,932	22,702,728	23,776,282	24,859,403
12/31/2004	1,155,256	2,905,921	6,285,165	10,426,227	13,020,260	12,747,859	14,042,816	14,867,455	15,754,503	15,901,902	16,429,829
12/31/2005	1,511,095	3,385,395	5,978,795	8,342,092	10,613,154	11,738,476	11,777,273	12,106,776	12,314,855	12,744,351	12,681,683
12/31/2006	1,896,772	6,444,399	8,725,491	11,476,951	13,475,057	15,201,037	17,811,235	19,047,317	18,133,236	18,189,808	18,182,982
12/31/2007	2,267,832	6,207,455	9,444,460	12,776,350	15,659,939	17,238,578	18,347,111	18,557,973	18,683,105	23,009,664	23,016,887
12/31/2008	1,678,203	4,310,266	8,305,645	13,838,977	18,055,357	20,179,365	20,195,795	20,556,599	20,896,038	21,053,910	21,174,939
12/31/2009	3,160,956	5,432,240	9,747,898	12,370,553	14,721,380	15,758,485	15,795,817	16,060,479	16,085,872	16,227,549	16,430,913
12/31/2010	2,033,192	5,575,013	9,606,549	14,746,727	16,969,102	17,721,048	17,909,802	18,075,589	18,196,350	18,474,670	18,433,458
12/31/2011	2,336,245	5,154,182	9,286,512	12,745,461	14,544,015	16,106,937	17,198,478	17,034,726	17,562,230	17,718,922	
12/31/2012	2,619,423	7,532,391	15,461,014	20,282,209	23,908,298	26,761,828	27,393,058	28,322,369	27,900,937		
12/31/2013	1,524,272	4,845,934	8,367,384	10,962,122	13,120,939	14,088,483	14,867,800	15,366,756			
12/31/2014	1,430,946	3,948,620	7,941,203	11,959,609	14,665,914	15,961,759	17,075,659				
12/31/2015	2,026,886	4,205,854	7,165,837	11,344,266	14,316,601	17,113,469					
12/31/2016	1,450,415	3,313,353	7,450,421	10,560,009	12,015,876						
12/31/2017	1,186,413	3,391,926	8,086,123	11,706,208							
12/31/2018	2,086,712	5,295,869	9,241,930								
12/31/2019	1,037,480	3,036,476									
12/31/2020	1,023,651										

  

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



## Products (Subline Code 336)

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

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

Incremental Percentages													
A.Y.E.	27:15	39:27	51:39	63:51	75:63	87:75	99:87	111:99	123:111	135:123	147:135	159:147	171:159
12/31/2001	0.1009	0.0861	0.0589	0.0911	0.0447	0.0535	0.0481	0.0098	-0.0013	0.0086	0.0061	0.0077	0.0066
12/31/2002	0.0766	0.1551	0.1592	0.1185	0.1123	-0.0012	0.0258	0.0152	0.0142	0.0038	0.0782	0.0052	-0.0032
12/31/2003	0.0965	0.1577	0.2086	0.1614	0.0692	0.0224	0.0488	-0.0095	0.0379	0.0383	0.0000	0.0107	-0.0348
12/31/2004	0.0697	0.1346	0.1649	0.1033	-0.0108	0.0516	0.0328	0.0353	0.0059	0.0210	0.0090	0.0257	0.0049
12/31/2005	0.0661	0.0914	0.0833	0.0801	0.0397	0.0014	0.0116	0.0073	0.0151	-0.0022	0.0041	0.0031	0.0019
12/31/2006	0.1401	0.0703	0.0848	0.0616	0.0532	0.0804	0.0381	-0.0282	0.0017	-0.0002	-0.0019	0.0054	0.0024
12/31/2007	0.1080	0.0887	0.0913	0.0791	0.0433	0.0304	0.0058	0.0034	0.1186	0.0002	0.0028	0.0114	0.0146
12/31/2008	0.0776	0.1177	0.1631	0.1243	0.0626	0.0005	0.0106	0.0100	0.0047	0.0036	0.0081	0.0134	
12/31/2009	0.0641	0.1218	0.0740	0.0663	0.0293	0.0011	0.0075	0.0007	0.0040	0.0057	0.0061		
12/31/2010	0.1112	0.1266	0.1614	0.0698	0.0236	0.0059	0.0052	0.0038	0.0087	-0.0013			
12/31/2011	0.1052	0.1543	0.1292	0.0672	0.0584	0.0408	-0.0061	0.0197	0.0059				
12/31/2012	0.1488	0.2402	0.1460	0.1098	0.0864	0.0191	0.0282	-0.0128					
12/31/2013	0.1191	0.1262	0.0930	0.0774	0.0347	0.0279	0.0179						
12/31/2014	0.0765	0.1214	0.1221	0.0823	0.0394	0.0339							
12/31/2015	0.0894	0.1214	0.1714	0.1219	0.1147								
12/31/2016	0.0767	0.1703	0.1280	0.0599									
12/31/2017	0.0720	0.1533	0.1182										
12/31/2018	0.0985	0.1211											
12/31/2019	0.0871												

Best 3/5	0.0844	0.1320	0.1228	0.0898	0.0614	0.0270	0.0102	0.0048	0.0064	0.0012	0.0043	0.0101	0.0031
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## Products (Subline Code 336)

Full Coverage

Multistate

Bodily Injury - Occurrence  
Incurred Accident Year ALAE Development

## Link Ratios

<u>A.Y.E.</u>	<u>183:171</u>	<u>195:183</u>	<u>207:195</u>	<u>219:207</u>	<u>231:219</u>	<u>243:231</u>	<u>Ult:243</u>
12/31/2001	1.016	1.007	1.012	1.003	1.006	1.013	<b>1.016</b>
12/31/2002	0.968	1.002	1.020	1.012	1.000	<b>1.004</b>	<b>1.016</b>
12/31/2003	1.007	1.001	1.003	1.002	<b>1.005</b>	<b>1.004</b>	<b>1.016</b>
12/31/2004	1.015	0.994	1.009	<b>1.008</b>	<b>1.005</b>	<b>1.004</b>	<b>1.016</b>
12/31/2005	1.004	1.005	<b>1.002</b>	<b>1.008</b>	<b>1.005</b>	<b>1.004</b>	<b>1.016</b>
12/31/2006	1.005						
Best 3/5	1.005	1.003	<b>1.008</b>	<b>1.006</b>	<b>1.005</b>	<b>1.004</b>	<b>1.016</b>
171 to Ultimate Factors :		1.048					

## Cumulative Incremental Factors

<u>Months-to-Ultimate</u>	<u>15</u>	<u>27</u>	<u>39</u>	<u>51</u>	<u>63</u>	<u>75</u>	<u>87</u>
	0.558	0.473	0.341	0.218	0.129	0.067	0.040
<u>Months-to-Ultimate</u>	<u>99</u>	<u>111</u>	<u>123</u>	<u>135</u>	<u>147</u>	<u>159</u>	<u>171</u>
	0.030	0.025	0.019	0.018	0.013	0.003	0.000

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

**Bold - Calculated Using Modified Bondy Method**

Products (Subline Code 336)  
Full Coverage  
Multistate

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

\$100,000 Basic Limit Losses as of :

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

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

Products (Subline Code 336)  
Full Coverage  
Multistate

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

Link Ratios											
A.Y.E.	27:15	39:27	51:39	63:51	75:63	87:75	99:87	111:99	123:111	135:123	147:135
12/31/2001	1.282	1.296	1.064	0.991	1.032	1.058	0.987	1.018	1.013	1.008	1.005
12/31/2002	1.535	1.206	0.977	0.989	1.070	1.058	1.017	1.008	1.015	1.028	1.002
12/31/2003	1.162	1.170	1.085	1.084	1.075	1.016	1.032	1.035	1.015	1.004	1.024
12/31/2004	1.232	1.115	1.017	1.111	1.005	1.016	1.015	1.006	1.022	1.010	1.013
12/31/2005	1.191	0.994	1.049	1.026	1.035	0.997	1.067	0.999	1.040	1.009	1.008
12/31/2006	1.130	1.080	1.016	1.083	1.031	1.033	1.096	1.025	0.991	1.007	1.005
12/31/2007	1.142	1.043	1.008	1.055	1.028	1.056	1.026	1.011	1.035	1.022	1.007
12/31/2008	1.159	1.072	1.047	1.047	1.051	1.026	1.018	1.022	1.024	1.008	1.002
12/31/2009	1.148	1.086	0.997	1.009	1.037	0.984	1.028	1.019	0.996	1.012	1.012
12/31/2010	1.142	1.065	1.020	1.001	1.029	1.003	1.024	1.017	1.008	0.996	
12/31/2011	1.107	1.049	1.068	1.022	1.028	1.029	1.034	1.010	1.006		
12/31/2012	1.082	1.106	1.122	1.018	1.016	1.015	1.010				
12/31/2013	1.190	1.087	1.013	1.043	1.023	1.014	0.970				
12/31/2014	1.163	1.092	1.003	1.017	0.998	1.013					
12/31/2015	1.069	1.018	1.040	1.089	0.947						
12/31/2016	1.198	1.098	1.036	1.004							
12/31/2017	1.282	1.064	1.025								
12/31/2018	1.136	1.088									
12/31/2019	1.099										
3 Yr Mean	1.172	1.083	1.034	1.037	0.989	1.014	1.005	1.011	1.003	1.005	1.007
Best 3/5	1.144	1.081	1.025	1.026	1.012	1.014	1.021	1.015	1.013	1.009	1.007
A.Y.E.	159:147	171:159	183:171	195:183	207:195	219:207	231:219	243:231			
12/31/2001	0.990	0.993	0.998	0.998	1.000	1.000	1.000	1.000			
12/31/2002	1.002	1.005	1.006	1.002	0.997	1.000	1.003	<b>1.000</b>			
12/31/2003	0.990	0.999	1.009	0.992	1.002	1.001	<b>1.000</b>	<b>1.000</b>			
12/31/2004	0.998	1.009	0.986	0.994	1.000	<b>1.001</b>	<b>1.000</b>	<b>1.000</b>			
12/31/2005	0.994	1.018	0.988	1.001	<b>0.998</b>	<b>1.000</b>	<b>1.000</b>	<b>1.000</b>			
12/31/2006	1.018	0.998	0.998								
12/31/2007	0.996	0.993									
12/31/2008	1.005										
3 Yr Mean	1.006	1.003	0.991	0.996	1.000	1.000	1.002	1.000			
Best 3/5	1.000	1.002	0.997	0.998	<b>0.999</b>	<b>1.000</b>	<b>1.000</b>	<b>1.000</b>			
Development From											
A.Y.E.	15/ 27	27/ 39	39/ 51	51/ 63	63/ 75	75/ 87	87/ 99	99/111	111/123	123/135	135/147
12/31/2016					1.012	1.014	1.021	1.015	1.013	1.009	1.007
12/31/2017				1.026	1.012	1.014	1.021	1.015	1.013	1.009	1.007
12/31/2018			1.025	1.026	1.012	1.014	1.021	1.015	1.013	1.009	1.007
12/31/2019		1.081	1.025	1.026	1.012	1.014	1.021	1.015	1.013	1.009	1.007
12/31/2020	1.144	1.081	1.025	1.026	1.012	1.014	1.021	1.015	1.013	1.009	1.007
A.Y.E	147/159	159/171	171/183	183/195	195/207	207/219	219/231	231/243	243/U1t	FACTORS	
12/31/2016	1.000	1.002	0.997	0.998	0.999	1.000	1.000	1.000	<b>1.001</b>	1.091	
12/31/2017	1.000	1.002	0.997	0.998	0.999	1.000	1.000	1.000	<b>1.001</b>	1.120	
12/31/2018	1.000	1.002	0.997	0.998	0.999	1.000	1.000	1.000	<b>1.001</b>	1.148	
12/31/2019	1.000	1.002	0.997	0.998	0.999	1.000	1.000	1.000	<b>1.001</b>	1.241	
12/31/2020	1.000	1.002	0.997	0.998	0.999	1.000	1.000	1.000	<b>1.001</b>	1.419	

**Bold - Calculated Using Modified Bondy Method**

*Italics - Three year mean Excludes Modified Bondy ratios*

## Products (Subline Code 336)

Deductible

Multistate

## Property Damage - Occurrence

Incurred Accident Year Basic Limits Loss Development Excluding ALAE

\$100,000 Basic Limit Losses as of :											
A.Y.E.	15 Months	27 Months	39 Months	51 Months	63 Months	75 Months	87 Months	99 Months	111 Months	123 Months	135 Months
12/31/2001	1,366,432	1,675,828	2,293,400	2,543,357	2,469,115	2,783,390	3,211,303	3,777,116	3,985,757	4,032,038	4,176,433
12/31/2002	779,522	1,307,175	1,538,822	1,804,621	2,384,574	2,527,744	2,620,769	2,731,211	3,196,494	3,191,785	3,230,763
12/31/2003	1,026,684	1,034,027	955,302	1,103,797	1,141,948	1,281,815	1,632,347	1,643,422	1,672,984	1,835,342	2,048,661
12/31/2004	696,110	1,281,192	1,585,834	1,326,016	1,094,795	1,146,543	1,132,094	1,107,623	1,185,272	1,282,610	1,307,803
12/31/2005	1,635,000	2,721,317	2,668,072	2,882,609	2,769,769	2,636,045	2,997,964	3,008,654	3,083,529	3,008,846	2,964,038
12/31/2006	2,607,136	3,711,160	4,257,634	4,007,261	3,946,398	4,083,877	4,521,731	4,593,014	4,719,713	4,848,662	4,882,746
12/31/2007	3,049,332	2,837,584	2,698,276	2,799,238	3,016,337	3,052,688	3,046,919	3,298,095	3,414,070	3,429,980	3,550,516
12/31/2008	2,282,797	2,499,125	2,972,871	3,089,883	2,883,559	2,941,865	3,108,757	3,196,896	3,207,092	3,127,305	3,234,304
12/31/2009	3,163,222	3,137,127	2,806,174	2,865,749	3,034,094	3,254,704	3,163,657	3,289,765	3,338,514	3,525,894	3,589,263
12/31/2010	1,807,548	2,646,790	2,717,236	2,510,106	2,430,373	2,468,903	2,453,913	2,390,847	2,440,860	2,675,760	2,555,598
12/31/2011	3,159,329	3,157,679	2,988,663	2,994,360	3,172,231	3,085,236	3,047,399	3,046,922	3,051,898	3,066,897	
12/31/2012	2,559,222	2,723,442	2,788,834	2,696,719	2,808,751	2,586,517	2,599,872	2,632,528	2,632,528		
12/31/2013	3,175,746	3,218,089	3,110,378	3,149,197	3,128,615	3,202,816	3,214,639	3,264,639			
12/31/2014	2,597,652	2,870,798	3,043,160	3,240,228	3,239,709	3,243,042	3,387,126				
12/31/2015	2,275,911	2,231,603	2,705,933	2,762,694	2,850,759	2,894,753					
12/31/2016	2,053,376	2,429,634	2,280,561	2,435,631	2,586,328						
12/31/2017	1,826,649	2,313,112	2,793,835	3,079,113							
12/31/2018	2,253,276	3,213,073	3,249,645								
12/31/2019	2,092,797	2,117,837									
12/31/2020	1,683,859										

  

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

Products (Subline Code 336)  
Deductible  
Multistate

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

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

A.Y.E.	<u>159:147</u>	<u>171:159</u>	<u>183:171</u>	<u>195:183</u>	<u>207:195</u>	<u>219:207</u>	<u>231:219</u>	<u>243:231</u>			
12/31/2001	0.992	0.988	0.995	0.982	1.001	0.998	1.000	1.000			
12/31/2002	0.988	0.983	0.997	1.001	0.999	1.000	0.995	<b>1.000</b>			
12/31/2003	1.013	0.973	0.999	0.999	1.000	1.000	<b>1.000</b>	<b>1.000</b>			
12/31/2004	1.041	0.996	1.000	1.006	1.005	<b>1.000</b>	<b>1.000</b>	<b>1.000</b>			
12/31/2005	1.013	1.020	0.987	1.000	<b>1.000</b>	<b>1.000</b>	<b>1.000</b>	<b>1.000</b>			
12/31/2006	0.996	0.978	1.000								
12/31/2007	0.993	1.000									
12/31/2008	0.997										
3 Yr Mean	0.995	0.999	0.996	1.002	<i>1.001</i>	<i>0.999</i>	<i>0.998</i>	<i>1.000</i>			
Best 3/5	1.002	0.991	0.999	1.000	<b>1.000</b>	<b>1.000</b>	<b>1.000</b>	<b>1.000</b>			

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

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

**Bold - Calculated Using Modified Bondy Method**

*Italics - Three year mean Excludes Modified Bondy ratios*

Products (Subline code 336)  
Full Coverage  
Multistate

Property Damage - Occurrence  
Incurred Accident Year ALAE Development

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

  

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

## Products (Subline code 336)

Full Coverage

Multistate

## Property Damage - Occurrence

Incurred Accident Year Incremental ALAE Development

Increments													
A.Y.E.	27:15	39:27	51:39	63:51	75:63	87:75	99:87	111:99	123:111	135:123	147:135	159:147	171:159
12/31/2001	1,459,382	2,277,546	3,229,082	3,344,006	2,184,824	2,388,456	955,924	546,882	590,200	44,104	197,129	378,701	512,649
12/31/2002	1,890,727	2,945,685	1,663,151	1,950,357	1,251,193	690,960	1,911,743	-435,184	-37,745	492,248	318,557	269,650	203,256
12/31/2003	2,230,902	2,556,085	3,998,689	1,876,728	1,902,144	1,742,150	1,061,999	2,578,659	1,331,141	858,302	1,225,060	187,563	649,590
12/31/2004	1,384,327	2,681,395	2,265,344	2,342,938	2,003,780	1,723,616	580,649	1,198,440	1,024,624	667,282	853,765	257,771	13,079
12/31/2005	2,333,244	3,114,233	90,214	1,461,770	1,318,076	2,349,280	1,535,711	1,070,287	1,096,161	1,072,667	1,007,063	1,154,780	317,570
12/31/2006	2,000,497	3,100,011	2,848,736	1,904,790	1,889,766	973,136	1,976,413	438,995	490,208	740,790	235,031	553,265	167,384
12/31/2007	1,956,979	2,023,106	3,214,561	2,196,702	1,876,374	1,346,380	2,157,940	1,020,159	1,408,014	1,311,069	662,012	839,319	-80,782
12/31/2008	2,921,644	3,809,301	3,218,846	2,917,397	2,328,295	1,315,550	773,623	438,995	945,949	669,956	662,021	-211,600	
12/31/2009	5,053,305	6,211,387	3,280,988	3,302,582	3,861,505	1,191,732	1,457,742	1,538,138	689,023	307,485	508,295		
12/31/2010	2,956,937	4,736,902	4,880,830	4,275,543	1,781,549	1,162,094	734,279	438,995	377,105	350,008			
12/31/2011	2,044,067	3,601,515	3,129,858	2,912,915	2,645,078	1,392,329	1,561,677	662,081	291,572				
12/31/2012	4,665,326	5,216,934	6,823,418	1,921,435	2,387,374	4,064,720	5,722,901	4,892,501					
12/31/2013	3,317,860	3,454,689	3,813,418	2,582,909	2,062,089	3,299,476	348,686						
12/31/2014	2,565,540	2,980,086	2,559,669	2,163,098	943,304	1,400,405							
12/31/2015	2,596,460	3,046,951	2,348,307	2,652,343	902,761								
12/31/2016	5,596,316	6,270,664	2,923,098	3,679,435									
12/31/2017	2,057,808	3,353,743	2,841,238										
12/31/2018	1,953,475	2,866,138											
12/31/2019	2,748,470												

Incremental Percentages													
A.Y.E.	27:15	39:27	51:39	63:51	75:63	87:75	99:87	111:99	123:111	135:123	147:135	159:147	171:159
12/31/2001	0.0487	0.0761	0.1078	0.1117	0.0730	0.0798	0.0319	0.0183	0.0197	0.0015	0.0066	0.0126	0.0171
12/31/2002	0.0707	0.1101	0.0622	0.0729	0.0468	0.0258	0.0714	-0.0163	-0.0014	0.0184	0.0119	0.0101	0.0076
12/31/2003	0.0726	0.0832	0.1302	0.0611	0.0619	0.0567	0.0346	0.0840	0.0433	0.0279	0.0399	0.0061	0.0212
12/31/2004	0.0630	0.1220	0.1031	0.1066	0.0912	0.0784	0.0264	0.0545	0.0466	0.0304	0.0388	0.0117	0.0006
12/31/2005	0.0977	0.1304	0.0038	0.0612	0.0552	0.0983	0.0643	0.0448	0.0459	0.0449	0.0422	0.0483	0.0133
12/31/2006	0.0676	0.1047	0.0962	0.0643	0.0638	0.0329	0.0668	0.0905	0.0166	0.0250	0.0079	0.0187	0.0057
12/31/2007	0.0545	0.0563	0.0895	0.0611	0.0522	0.0375	0.0601	0.0284	0.0392	0.0365	0.0184	0.0234	-0.0022
12/31/2008	0.0716	0.0934	0.0789	0.0715	0.0571	0.0322	0.0190	0.0139	0.0232	0.0164	0.0162	-0.0052	
12/31/2009	0.1232	0.1514	0.0800	0.0805	0.0942	0.0291	0.0355	0.0375	0.0168	0.0075	0.0124		
12/31/2010	0.0818	0.1311	0.1351	0.1183	0.0493	0.0322	0.0203	0.0122	0.0104	0.0097			
12/31/2011	0.0634	0.1117	0.0971	0.0904	0.0821	0.0432	0.0485	0.0205	0.0090				
12/31/2012	0.1237	0.1383	0.1809	0.0509	0.0633	0.1078	0.1517	0.1297					
12/31/2013	0.1015	0.1057	0.1167	0.0791	0.0631	0.1010	0.0107						
12/31/2014	0.0744	0.0864	0.0742	0.0627	0.0274	0.0406							
12/31/2015	0.0928	0.1089	0.0840	0.0948	0.0323								
12/31/2016	0.1546	0.1732	0.0807	0.1016									
12/31/2017	0.0507	0.0826	0.0700										
12/31/2018	0.0675	0.0991											
12/31/2019	0.0779												

Best 3/5	0.0794	0.0981	0.0796	0.0789	0.0529	0.0616	0.0348	0.0240	0.0168	0.0170	0.0157	0.0179	0.0065
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Products (Subline code 336)  
Full Coverage  
Multistate

Property Damage - Occurrence  
Incurred Accident Year ALAE Development

Link Ratios

A.Y.E.	<u>183:171</u>	<u>195:183</u>	<u>207:195</u>	<u>219:207</u>	<u>231:219</u>	<u>243:231</u>	<u>Ult:243</u>
12/31/2001	1.002	0.999	1.001	1.000	1.000	1.001	<b>1.000</b>
12/31/2002	1.006	1.003	1.000	1.003	1.003	<b>1.000</b>	<b>1.000</b>
12/31/2003	1.002	0.996	1.001	1.001	<b>1.000</b>	<b>1.000</b>	<b>1.000</b>
12/31/2004	1.007	0.999	1.000	<b>1.000</b>	<b>1.000</b>	<b>1.000</b>	<b>1.000</b>
12/31/2005	0.993	1.000	<b>0.999</b>	<b>1.000</b>	<b>1.000</b>	<b>1.000</b>	<b>1.000</b>
12/31/2006	1.007						

Best 3/5            1.005            0.999            **1.000**            **1.000**            **1.000**            **1.000**            **1.000**

171 to Ultimate Factors :    1.004

Cumulative Incremental Factors

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

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

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

**Bold - Calculated Using Modified Bondy Method**

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

<u>Item *</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2016 - 2020 Mean</u>
1. Direct Losses Incurred	\$25,294,920	\$22,482,130	\$26,488,833	\$28,457,912	\$27,645,568	
2. Allocated Loss Adjustment Expenses Incurred (ALAE)	\$4,918,135	\$5,837,815	\$5,788,203	\$5,769,832	\$6,283,679	
3. Unallocated Loss Adjustment Expenses Incurred (ULAE)	\$2,517,590	\$2,283,529	\$2,272,533	\$2,770,296	\$2,176,729	
4. Incurred Losses + ALAE [(1) + (2)]	\$30,213,055	\$28,319,945	\$32,277,036	\$34,227,744	\$33,929,247	
	<u>Incurred Percentage</u>					
5. Ratio of ULAE to (Losses + ALAE) [(3)/(4)]	8.3%	8.1%	7.0%	8.1%	6.4%	7.6%
6. Selected	8.0% **					

Notes: All dollar amounts are displayed in thousands.

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

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

## PRODUCTS TREND SUMMARY

(1) <u>EXPOSURE TREND</u>		<u>PRODUCTS</u>	
Average Annual Percent Change			
a)	7/1/2018 to 7/1/2023 AYE 12/31/2018	+ 2.0%	
b)	7/1/2019 to 7/1/2023 AYE 12/31/2019	+ 2.2%	
c)	7/1/2020 to 7/1/2023 AYE 12/31/2020	+ 3.1%	
(2) <u>OCCURRENCE SEVERITY</u>		<u>BODILY INJURY</u>	<u>PROPERTY DAMAGE</u>
a)	Fitted		
	All Years	+ 5.5%	+ 3.3%
	Eight Years	+ 5.6%	+ 3.1%
	Six Years	+ 4.2%	+ 4.2%
b)	Selected	+ 3.0%	+ 4.5%
(3) <u>FREQUENCY TREND</u>			
	Selected	- 1.5%	

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

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

(1)			(2)			(1)			(2)		
YEAR ENDING			PRODUCTS			YEAR ENDING			PRODUCTS		
<u>QUARTER *</u>			CLASS GROUP			<u>QUARTER *</u>			CLASS GROUP		
			SALES EXPOSURE						SALES EXPOSURE		
			<u>INDICES</u>						<u>INDICES</u>		
2010	1			0.964		2017	1			1.032	
	2			0.962			2			1.034	
	3			0.962			3			1.037	
	4			0.965			4			1.040	
2011	1			0.969		2018	1			1.042	
	2			0.974			2			1.046	
	3			0.979			3			1.050	
	4			0.982			4			1.054	
2012	1			0.987		2019	1			1.058	
	2			0.990			2			1.061	
	3			0.995			3			1.063	
	4			1.000			4			1.065	
2013	1			1.004		2020	1			1.066	
	2			1.007			2			1.060	
	3			1.008			3			1.059	
	4			1.010			4			1.059	
2014	1			1.012		2021	1			1.063	
	2			1.016			2			1.079	
	3			1.019			3P			1.094	
	4			1.022			4P			1.108	
2015	1			1.023		2022	1P			1.121	
	2			1.026			2P			1.130	
	3			1.027			3P			1.136	
	4			1.029			4P			1.142	
2016	1			1.030		2023	1P			1.148	
	2			1.030			2P			1.153	
	3			1.029			3P			1.158	
	4			1.030			4P			1.162	
CHANGE IN EXPOSURES						PRODUCTS					
7/1/2018 to 7/1/2023			(2023:4/2018:4)			1.102					
7/1/2019 to 7/1/2023			(2023:4/2019:4)			1.091					
7/1/2020 to 7/1/2023			(2023:4/2020:4)			1.097					
AVERAGE ANNUAL TREND FACTOR											
7/1/2018 to 7/1/2023			(5.0 YEARS)			1.020					
7/1/2019 to 7/1/2023			(4.0 YEARS)			1.022					
7/1/2020 to 7/1/2023			(3.0 YEARS)			1.031					

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

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

(1) 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
12/31/2011	\$25,567,441	1,024	\$24,979	\$27,199		
12/31/2012	\$30,228,534	936	\$32,295	\$28,693		
12/31/2013	\$21,801,736	779	\$28,004	\$30,269	\$29,991	
12/31/2014	\$19,600,131	605	\$32,392	\$31,931	\$31,685	
12/31/2015	\$18,032,275	520	\$34,709	\$33,685	\$33,474	\$34,881
12/31/2016	\$19,207,980	543	\$35,380	\$35,535	\$35,364	\$36,363
12/31/2017	\$19,139,199	495	\$38,688	\$37,487	\$37,361	\$37,907
12/31/2018	\$16,614,720	428	\$38,814	\$39,546	\$39,471	\$39,517
12/31/2019	\$20,444,368	442	\$46,256	\$41,718	\$41,700	\$41,195
12/31/2020	\$14,208,971	360	\$39,448	\$44,009	\$44,055	\$42,944
Goodness of Fit Statistic, R-Squared:				0.818	0.804	0.579
Average Annual Severity Trend (10 yr)				+ 5.5%		
Average Annual Severity Trend ( 8 yr)				+ 5.6%		
Average Annual Severity Trend ( 6 yr)				+ 4.2%		
Selected Annual Severity Trend				+ 3.0%		

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

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

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

(1) 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
12/31/2011	\$43,845,999	1,300	\$33,721	\$40,279		
12/31/2012	\$57,678,817	1,132	\$50,953	\$41,596		
12/31/2013	\$45,655,569	986	\$46,291	\$42,955	\$43,046	
12/31/2014	\$39,957,092	939	\$42,546	\$44,359	\$44,386	
12/31/2015	\$34,459,795	864	\$39,884	\$45,809	\$45,767	\$44,372
12/31/2016	\$47,960,734	925	\$51,849	\$47,306	\$47,192	\$46,229
12/31/2017	\$46,506,226	879	\$52,936	\$48,853	\$48,661	\$48,163
12/31/2018	\$36,479,557	825	\$44,227	\$50,449	\$50,176	\$50,177
12/31/2019	\$44,192,163	808	\$54,693	\$52,098	\$51,738	\$52,277
12/31/2020	\$32,698,009	613	\$53,337	\$53,801	\$53,348	\$54,464
Goodness of Fit Statistic, R-Squared:				0.389	0.393	0.362
Average Annual Severity Trend (10 yr)				+ 3.3%		
Average Annual Severity Trend ( 8 yr)				+ 3.1%		
Average Annual Severity Trend ( 6 yr)				+ 4.2%		
Selected Annual Severity Trend				+ 4.5%		

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

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

## PRODUCTS

FREQUENCY TREND  
MULTISTATE

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

Bodily Injury and Property Damage Combined

(1) Accident Year Ending	(2) Aggregate Loss Costs at Current Level	(3) Occurrences at Ultimate <sup>1</sup>	(4) Occurrence Frequency (3) / (2) <sup>2</sup>
12/31/2007	\$ 92,380,295	3,254	35.23
12/31/2008	\$ 98,395,881	3,139	31.91
12/31/2009	\$ 108,116,496	3,587	33.18
12/31/2010	\$ 114,328,504	3,655	31.97
12/31/2011	\$ 115,607,217	3,381	29.25
12/31/2012	\$ 117,119,861	3,108	26.54
12/31/2013	\$ 116,622,163	2,959	25.37
12/31/2014	\$ 118,157,101	2,605	22.04
12/31/2015	\$ 124,823,644	2,368	18.97
12/31/2016	\$ 129,040,336	2,345	18.17
12/31/2017	\$ 133,262,962	2,272	17.05
12/31/2018	\$ 131,177,854	2,060	15.70
12/31/2019	\$ 134,297,739	2,107	15.69
12/31/2020	\$ 132,388,226	1,714	12.95

Selected Annual Frequency Trend: - 1.5%

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

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

## LOSS COST % CHANGE BY CLASS

SUBLINE: PRODUCTS

CLASS GROUP : 03

NUMBER OF YEARS OF DATA USED: 5

CHANGE FACTOR = INDEX \* CG REL \* SWRL USED = INDEX \* 1.005 \* 0.878

CLASS	AYE 2020	5 YEAR	5 YEAR	CRED.	ER	INDEX	CHANGE	PRESENT	PROPOSED	STATE-	PRESENT	PROPOSED
	MONO/MULTI	MONO/MULTI	EXPERIENCE					MULTI-	MULTI-	WIDE		
	ALCCL	ALCCL	RATIO					STATE	STATE	%		
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	OCCUR	OCCUR	CHANGE	OCCUR	OCCUR
								(8)	(9)	(10)	(11)	(12)
10140	312110	1507139	0.75710	0.1557	0.939	1.009	0.890	0.022	0.020	-9.1	0.022	0.020
10141	576933	3036695	0.94281	0.2308	0.966	1.038	0.915	0.023	0.021	-8.7	0.023	0.021
12361	1919646	10157475	1.02903	0.4587	0.999	1.073	0.946	0.070	0.066	-5.7	0.070	0.066
12373	55433	467650	1.24702	0.0942	0.999	1.073	0.946	0.023	0.022	-4.4	0.023	0.022
13049	214723	1177578	0.48375	0.1353	0.907	0.974	0.859	0.051	0.044	-13.7	0.051	0.044
13111	44054	258985	0.29043	0.0795	0.918	0.987	0.870	0.092	0.080	-13.0	0.092	0.080
13112	1814831	9582065	0.81592	0.4446	0.903	0.970	0.856	0.063	0.054	-14.3	0.063	0.054
13621	381736	1779698	1.57997	0.1765	1.080	1.160	1.023	0.330	0.340	3.0	0.330	0.340
13670	337783	2009916	1.67225	0.1804	1.099	1.181	1.041	0.017	0.018	5.9	0.017	0.018
15223	1228471	6779847	0.88645	0.3694	0.941	1.011	0.892	0.044	0.039	-11.4	0.044	0.039
15406	284552	1701380	1.79951	0.1645	1.109	1.191	1.051	0.053	0.056	5.7	0.053	0.056
16604	1101229	5785883	0.64008	0.3372	0.861	0.925	0.816	0.122	0.100	-18.0	0.122	0.100
51300	0	28609	0.00000	0.0649	0.910	0.977	0.862	0.147	0.127	-13.6	0.147	0.127
51305	15883	75266	0.04171	0.0676	0.910	0.977	0.862	0.880	0.760	-13.6	0.880	0.760
51315	806813	4163443	0.63008	0.2781	0.877	0.943	0.832	0.096	0.080	-16.7	0.096	0.080
51350	135131	839558	0.81286	0.1155	0.954	1.025	0.904	0.127	0.115	-9.5	0.127	0.115
51351	71314	234087	0.89136	0.0781	0.966	1.038	0.916	0.049	0.045	-8.2	0.049	0.045
51352	116492	540048	0.67935	0.0973	0.944	1.014	0.895	0.101	0.090	-10.9	0.101	0.090
51355	156365	847061	0.79866	0.1160	0.953	1.023	0.903	0.091	0.082	-9.9	0.091	0.082
51356	72297	343582	0.00586	0.0849	0.891	0.957	0.844	0.560	0.470	-16.1	0.560	0.470
51357	9031	39321	10.80000	0.0651	1.613	1.733	1.529	0.760	0.950	25.0	0.760	0.950
51358	30866	102917	0.00000	0.0694	0.905	0.973	0.858	0.129	0.111	-14.0	0.129	0.111
51359	82539	312270	0.27509	0.0829	0.915	0.983	0.867	0.710	0.620	-12.7	0.710	0.620
51752	419000	2822811	1.05191	0.2200	0.990	1.064	0.938	0.150	0.141	-6.0	0.150	0.141
52002	1377910	7629573	0.94254	0.3965	0.961	1.032	0.911	0.114	0.104	-8.8	0.114	0.104
53001	2200414	11105082	0.71795	0.4885	0.848	0.911	0.804	0.300	0.241	-19.7	0.300	0.241
53374	6177178	28087978	0.68675	0.6966	0.774	0.831	0.733	0.260	0.191	-26.5	0.260	0.191
53375	2699377	12564462	1.45204	0.5104	1.217	1.308	1.154	0.270	0.310	14.8	0.270	0.310
53376	624096	2813779	0.73164	0.2205	0.920	0.988	0.872	0.183	0.159	-13.1	0.183	0.159
53377	2509062	12024404	0.96231	0.4980	0.968	1.040	0.917	0.188	0.172	-8.5	0.188	0.172
53565	149513	798930	0.25386	0.1133	0.891	0.958	0.845	0.096	0.081	-15.6	0.096	0.081
55371	28065	162577	0.47689	0.0733	0.936	1.006	0.887	0.108	0.096	-11.1	0.108	0.096
56488	195518	494039	2.96849	0.0977	1.168	1.255	1.107	0.038	0.042	10.5	0.038	0.042
56758	110880	553090	0.48477	0.0983	0.925	0.994	0.876	0.140	0.123	-12.1	0.140	0.123
56759	683755	3770846	0.86936	0.2650	0.945	1.016	0.896	0.078	0.070	-10.3	0.078	0.070
56760	1529057	8292264	0.87150	0.4202	0.930	0.999	0.882	0.099	0.087	-12.1	0.099	0.087
57002	199130	989867	0.18477	0.1245	0.875	0.940	0.829	0.096	0.080	-16.7	0.096	0.080

U

X-TILDE: 0.897

X-TILDE (MONOLINE):

0.931

PI-TILDE 0.0038790

TAU SQUARE: 0.03000

SIGMA SQUARED:

420436.541

L - CAPPED DOWN

U - CAPPED UP

N - NOT SUBJECT TO CAPPING

E - SUBJECT TO CAPPING EXCEPTION



## LOSS COST % CHANGE BY CLASS

SUBLINE: PRODUCTS

CLASS GROUP : 03

NUMBER OF YEARS OF DATA USED: 5

CHANGE FACTOR = INDEX \* CG REL \* SWRL USED = INDEX \* 1.005 \* 0.878

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

X-TILDE: 0.897

TAU SQUARE: 0.03000

X-TILDE (MONOLINE):

SIGMA SQUARED:

0.931

420436.541

PI-TILDE 0.0038790

L - CAPPED DOWN

U - CAPPED UP

N - NOT SUBJECT TO CAPPING

E - SUBJECT TO CAPPING EXCEPTION

## LOSS COST % CHANGE BY CLASS

SUBLINE: PRODUCTS

CLASS GROUP : 04

NUMBER OF YEARS OF DATA USED: 5

CHANGE FACTOR = INDEX \* CG REL \* SWRL USED = INDEX \* 0.999 \* 0.878

CLASS	AYE 2020	5 YEAR	5 YEAR	CRED.	FORMULA	INDEX	CHANGE	PRESENT	PROPOSED	STATE-	PRESENT	PROPOSED
	MONO/MULTI	MONO/MULTI	EXPERIENCE					MULTI-	MULTI-	WIDE		
	ALCCL	ALCCL	RATIO					STATE	STATE	%		
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	OCCUR	OCCUR	CHANGE	OCCUR	OCCUR
								(8)	(9)	(10)	(11)	(12)
10010	130380	791029	0.77583	0.1336	0.951	1.005	0.881	0.189	0.167	-11.6	0.189	0.167
10040	1062035	5550190	1.22462	0.3697	1.069	1.130	0.991	0.320	0.320	0.0	0.320	0.320
10070	2260544	10797201	0.93840	0.5147	0.957	1.012	0.888	0.151	0.134	-11.3	0.151	0.134
10101	318814	1510591	0.95226	0.1798	0.973	1.028	0.902	0.177	0.160	-9.6	0.177	0.160
10111	157210	779940	0.75996	0.1328	0.949	1.003	0.880	0.067	0.059	-11.9	0.067	0.059
10255	3356278	16436703	1.01096	0.6091	0.998	1.055	0.925	0.151	0.140	-7.3	0.151	0.140
10256	17610	77726	3.23485	0.0828	1.165	1.231	1.080	0.183	0.198	8.2	0.183	0.198
10257	3030608	15191370	1.12953	0.5920	1.068	1.128	0.990	0.148	0.146	-1.4	0.148	0.146
11126	186235	1173233	1.41026	0.1589	1.046	1.106	0.970	0.024	0.023	-4.2	0.024	0.023
11203	29893	60296	0.00000	0.0820	0.897	0.949	0.832	0.460	0.380	-17.4	0.460	0.380
11248	6163	38345	0.00000	0.0799	0.899	0.951	0.834	0.016	0.013	-18.8	0.016	0.013
12391	1480828	7238696	0.80444	0.4228	0.904	0.956	0.838	0.070	0.059	-15.7	0.070	0.059
12509	36831	205780	0.02367	0.0924	0.889	0.940	0.825	0.031	0.026	-16.1	0.031	0.026
12651	837935	4024097	0.91306	0.3081	0.958	1.012	0.888	0.510	0.450	-11.8	0.510	0.450
12707	396206	1481797	0.68546	0.1819	0.924	0.977	0.857	0.560	0.480	-14.3	0.560	0.480
12797	1253210	6525319	1.00005	0.4006	0.987	1.043	0.915	0.194	0.177	-8.8	0.194	0.177
13201	20484	118570	0.34633	0.0862	0.923	0.976	0.856	0.144	0.123	-14.6	0.144	0.123
13204	1194613	5458133	0.52061	0.3679	0.809	0.855	0.750	1.140	0.860	-24.6	1.140	0.860
13205	304763	1665235	0.38158	0.1896	0.865	0.914	0.802	0.420	0.340	-19.1	0.420	0.340
13314	246	1407	0.00000	0.0770	0.902	0.954	0.837	0.014	0.012	-14.3	0.014	0.012
13410	2613149	12235524	0.58201	0.5441	0.762	0.806	0.707	2.350	1.660	-29.4	2.350	1.660
13412	493960	2607647	1.30379	0.2460	1.058	1.118	0.981	1.210	1.190	-1.7	1.210	1.190
13590	4566221	22339993	0.98236	0.6765	0.981	1.037	0.909	0.670	0.610	-9.0	0.670	0.610
13715	1884487	9847413	0.66706	0.4914	0.825	0.872	0.765	0.145	0.111	-23.5	0.145	0.111
13930	1047825	5283930	0.78387	0.3578	0.908	0.960	0.842	0.174	0.147	-15.5	0.174	0.147
14068	2400	25444	0.00000	0.0789	0.900	0.952	0.835	0.012	0.010	-16.7	0.012	0.010
14527	452205	2128090	1.16555	0.2151	1.018	1.076	0.944	0.179	0.169	-5.6	0.179	0.169
14855	40171	192739	0.00702	0.0915	0.889	0.939	0.824	0.133	0.110	-17.3	0.133	0.110
16005	330806	1828308	1.36348	0.1982	1.054	1.114	0.977	0.031	0.030	-3.2	0.031	0.030
16009	40813	218404	2.59855	0.0933	1.129	1.193	1.047	0.106	0.111	4.7	0.106	0.111
16527	4543683	23998387	0.90035	0.6911	0.924	0.977	0.857	0.320	0.270	-15.6	0.320	0.270
16705	165141	1003665	0.64246	0.1479	0.928	0.981	0.860	0.131	0.113	-13.7	0.131	0.113
16750	385030	2211491	1.53423	0.2216	1.101	1.164	1.021	0.034	0.035	2.9	0.034	0.035
18205	728521	3476584	1.38066	0.2855	1.093	1.155	1.013	0.380	0.390	2.6	0.380	0.390
18616	3576905	16851369	0.84851	0.6159	0.898	0.949	0.833	0.590	0.490	-17.0	0.590	0.490
18707	18074	110393	8.35255	0.0853	1.606	1.698	1.489	0.005	0.006	20.0	0.005	0.006
45771	99782	648674	1.29724	0.1259	1.018	1.076	0.944	0.139	0.131	-5.8	0.139	0.131

U

X-TILDE: 0.928

TAU SQUARE: 0.03000

X-TILDE (MONOLINE):

SIGMA SQUARED:

0.946

363142.008

PI-TILDE 0.0048092

L - CAPPED DOWN

U - CAPPED UP

N - NOT SUBJECT TO CAPPING

E - SUBJECT TO CAPPING EXCEPTION

## LOSS COST % CHANGE BY CLASS

SUBLINE: PRODUCTS

CLASS GROUP : 04

NUMBER OF YEARS OF DATA USED: 5

CHANGE FACTOR = INDEX \* CG REL \* SWRL USED = INDEX \* 0.999 \* 0.878

CLASS	AYE 2020	5 YEAR	5 YEAR	CRED.	FORMULA	INDEX	CHANGE	PRESENT	PROPOSED	STATE-	PRESENT	PROPOSED
	MONO/MULTI	MONO/MULTI	MONO/MULTI					MULTI-	MULTI-	WIDE		STATEWIDE
	ALCCL	ALCCL	RATIO		ER		FACTOR	STATE	STATE	%		
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	OCCUR	OCCUR	CHANGE	OCCUR	OCCUR
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
45901	581550	2325471	0.74730	0.2258	0.926	0.978	0.858	0.045	0.039	-13.3	0.045	0.039
53907	1365499	6884455	0.96694	0.4280	0.973	1.028	0.902	0.086	0.078	-9.3	0.086	0.078

X-TILDE: 0.92816  
 TAU SQUARE: 0.03

X-TILDE (MONOLINE): 0.94615  
 SIGMA SQUARED: 363142.008

PI-TILDE 0.0048092

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 \* 1.015 \* 0.878

CLASS	AYE 2020	5 YEAR	5 YEAR	CRED.	FORMULA	INDEX	CHANGE	PRESENT	PROPOSED	STATE-	PRESENT	PROPOSED
	MONO/MULTI	MONO/MULTI	EXPERIENCE					MULTI-	MULTI-	WIDE		
	ALCCL	ALCCL	RATIO					STATE	STATE	%		
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	OCCUR	OCCUR	CHANGE	OCCUR	OCCUR
								(8)	(9)	(10)	(11)	(12)
51380	1397	7573	0.00000	0.1506	1.357	1.060	0.945	0.041	0.039	-4.9	0.041	0.039
51575	212282	1092698	1.48733	0.2318	1.572	1.228	1.095	0.021	0.023	9.5	0.021	0.023
51576	211580	1230943	1.15109	0.2410	1.490	1.164	1.038	0.097	0.101	4.1	0.097	0.101
51613	57680	393803	0.83600	0.1814	1.459	1.140	1.016	0.139	0.141	1.4	0.139	0.141
51666	36459	228862	0.27299	0.1687	1.374	1.074	0.957	0.089	0.085	-4.5	0.089	0.085
51767	501	2987	0.00000	0.1502	1.357	1.061	0.946	0.007	0.007	0.0	0.007	0.007
51833	925	7448	0.00000	0.1506	1.357	1.060	0.945	0.054	0.051	-5.6	0.054	0.051
51869	83202	680139	0.91638	0.2028	1.459	1.140	1.016	0.136	0.138	1.5	0.136	0.138
51889	738	3788	0.00000	0.1503	1.357	1.061	0.945	0.011	0.010	-9.1	0.011	0.010
51941	1827895	9225881	0.83065	0.5523	1.174	0.917	0.818	0.041	0.034	-17.1	0.041	0.034
52469	1782918	9763211	1.01802	0.5750	1.264	0.988	0.881	0.096	0.085	-11.5	0.096	0.085
55647	280405	1796873	1.01880	0.2778	1.437	1.123	1.001	0.065	0.065	0.0	0.065	0.065
55802	14040	123212	5.02913	0.1603	2.148	1.678	1.496	0.011	0.013	18.2	0.011	0.013
56040	352	2541	0.00000	0.1502	1.357	1.061	0.946	0.030	0.028	-6.7	0.030	0.028
57257	23175	136358	4.12941	0.1611	2.005	1.567	1.397	0.034	0.042	23.5	0.034	0.042
57410	14121	141282	0.13101	0.1615	1.360	1.063	0.948	0.173	0.164	-5.2	0.173	0.164
58503	37292	205593	0.96279	0.1668	1.491	1.166	1.039	0.077	0.080	3.9	0.077	0.080
58627	1454	9596	0.00000	0.1508	1.356	1.060	0.945	0.012	0.011	-8.3	0.012	0.011
59257	20	980	0.00000	0.1501	1.358	1.061	0.946	0.012	0.011	-8.3	0.012	0.011
59923	852	10374	18.93775	0.1509	4.213	3.293	2.935	0.005	0.006	20.0	0.005	0.006

U

U

U

X-TILDE: 1.002  
 TAU SQUARE! 0.03547

X-TILDE (MONOLINE): 1.279  
 SIGMA SQUARED: 364751.651

PI-TILDE 0.0070587

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

## LOSS COST % CHANGE BY CLASS

SUBLINE: PRODUCTS

CLASS GROUP : 06

NUMBER OF YEARS OF DATA USED: 5

CHANGE FACTOR = INDEX \* CG REL \* SWRL USED = INDEX \* 0.999 \* 0.878

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

X-TILDE: 0.890

TAU SQUARE: 0.11174

X-TILDE (MONOLINE):

SIGMA SQUARED:

0.885

248731.944

PI-TILDE 0.0016742

L - CAPPED DOWN

U - CAPPED UP

N - NOT SUBJECT TO CAPPING

E - SUBJECT TO CAPPING EXCEPTION

## LOSS COST % CHANGE BY CLASS

SUBLINE: PRODUCTS

CLASS GROUP : 06

NUMBER OF YEARS OF DATA USED: 5

CHANGE FACTOR = INDEX \* CG REL \* SWRL USED = INDEX \* 0.999 \* 0.878

CLASS	AYE 2020	5 YEAR	5 YEAR	CRED.	ER	INDEX	CHANGE	PRESENT	PROPOSED	STATE-	PRESENT	PROPOSED
	MONO/MULTI	MONO/MULTI	MONO/MULTI					MULTI-	MULTI-	WIDE		
	ALCCL	ALCCL	RATIO				FACTOR	STATE	STATE	%	STATEWIDE	STATEWIDE
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	OCCUR	OCCUR	CHANGE	OCCUR	OCCUR
								(8)	(9)	(10)	(11)	(12)
53121	47804	198244	3.04691	0.1059	1.161	1.312	1.151	0.400	0.460	15.0	0.400	0.460
53333	81793	423431	1.36248	0.1817	1.015	1.147	1.006	0.248	0.249	0.4	0.248	0.249
53631	402	1851	0.00000	0.0269	0.913	1.031	0.904	0.021	0.019	-9.5	0.021	0.019
53632	320	3694	0.00000	0.0278	0.912	1.030	0.904	0.032	0.029	-9.4	0.032	0.029
53732	1277691	7669937	0.96475	0.7835	0.959	1.083	0.950	0.470	0.450	-4.3	0.470	0.450
53733	3621355	20100024	0.76504	0.9035	0.782	0.883	0.775	0.228	0.177	-22.4	0.228	0.177
54077	707222	3606459	0.94390	0.6298	0.942	1.064	0.933	0.390	0.360	-7.7	0.390	0.360
55010	85373	392333	0.05700	0.1781	0.781	0.882	0.774	0.980	0.760	-22.5	0.980	0.760
55011	417923	2301748	1.35403	0.5245	1.156	1.306	1.146	1.750	2.010	14.9	1.750	2.010
55012	38256	252981	0.13777	0.1265	0.837	0.945	0.829	1.110	0.920	-17.1	1.110	0.920
55013	276003	1878821	1.09787	0.4751	1.014	1.145	1.005	1.120	1.130	0.9	1.120	1.130
55214	1260	6182	0.00000	0.0288	0.911	1.029	0.903	0.083	0.075	-9.6	0.083	0.075
55715	33096	219113	0.07974	0.1153	0.839	0.948	0.831	0.203	0.169	-16.8	0.203	0.169
55716	51505	207115	0.00000	0.1093	0.835	0.944	0.828	0.49	0.410	-16.3	0.490	0.410
56202	81073	681043	0.46795	0.2550	0.818	0.924	0.811	0.078	0.063	-19.2	0.078	0.063
56390	416863	1801255	0.89546	0.4758	0.918	1.037	0.909	0.7	0.640	-8.6	0.700	0.640
56391	480486	3389641	0.79204	0.6152	0.848	0.958	0.841	0.3	0.250	-16.7	0.300	0.250
56427	17636	81944	0.48283	0.0608	0.910	1.028	0.902	0.119	0.107	-10.1	0.119	0.107
56690	3387	15816	1.32303	0.0330	0.951	1.074	0.942	0.33	0.310	-6.1	0.330	0.310
56699	222572	1281046	1.55219	0.3827	1.173	1.325	1.162	0.067	0.078	16.4	0.067	0.078
56916	972476	4579633	1.50753	0.6828	1.327	1.499	1.315	0.215	0.260	20.9	0.215	0.260
57090	76540	526425	2.27643	0.2194	1.232	1.391	1.221	0.68	0.830	22.1	0.680	0.830
57401	15113	55341	0.00000	0.0497	0.891	1.007	0.883	0.089	0.079	-11.2	0.089	0.079
57403	729	3456	0.00000	0.0276	0.912	1.030	0.904	0.033	0.030	-9.1	0.033	0.030
57572	68350	388941	1.08464	0.1710	0.963	1.088	0.954	0.099	0.094	-5.1	0.099	0.094
57600	45993	261959	0.73191	0.1313	0.911	1.029	0.903	0.033	0.030	-9.1	0.033	0.030
57611	34620	243043	0.00000	0.1305	0.816	0.921	0.808	0.055	0.044	-20.0	0.055	0.044
57690	268315	1445629	0.71138	0.4111	0.845	0.954	0.837	0.45	0.380	-15.6	0.450	0.380
57716	244309	1207418	1.36697	0.3706	1.097	1.239	1.087	0.074	0.080	8.1	0.074	0.080
57725	909907	4075159	1.19867	0.6665	1.112	1.256	1.102	0.075	0.083	10.7	0.075	0.083
57726	68323	361745	1.98891	0.1635	1.110	1.254	1.100	0.023	0.025	8.7	0.023	0.025
57810	2888	20530	0.00000	0.0350	0.905	1.022	0.897	0.1	0.090	-10.0	0.100	0.090
57871	41402	392343	0.27697	0.1720	0.824	0.931	0.817	0.111	0.091	-18.0	0.111	0.091
57998	21102	128564	0.16824	0.0797	0.877	0.990	0.869	0.054	0.047	-13.0	0.054	0.047
57999	5627	27551	0.89633	0.0380	0.936	1.058	0.928	0.07	0.065	-7.1	0.070	0.065
58095	1412380	8082867	0.55211	0.7906	0.633	0.715	0.627	1.79	1.220	-31.8	1.790	1.220
58096	1328284	9531414	0.90684	0.8177	0.913	1.031	0.904	1.49	1.350	-9.4	1.490	1.350

U

L

X-TILDE: 0.890

TAU SQUARE: 0.11174

X-TILDE (MONOLINE):

SIGMA SQUARED:

0.885

248731.944

PI-TILDE 0.0016742

L - CAPPED DOWN

U - CAPPED UP

N - NOT SUBJECT TO CAPPING

E - SUBJECT TO CAPPING EXCEPTION

## LOSS COST % CHANGE BY CLASS

SUBLINE: PRODUCTS

CLASS GROUP : 06

NUMBER OF YEARS OF DATA USED: 5

CHANGE FACTOR = INDEX \* CG REL \* SWRL USED = INDEX \* 0.999 \* 0.878

CLASS	AYE 2020		5 YEAR		FORMULA	INDEX	CHANGE FACTOR	PRESENT	PROPOSED	STATE-	PRESENT	PROPOSED	
	MONO/MULTI		MONO/MULTI					MULTI-	MULTI-	WIDE			
	ALCCL	ALCCL	RATIO	EXPERIENCE				STATE	STATE	%			
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	
58301	94698	399713	2.01027	0.1788	1.130	1.276	1.119	0.077	0.086	11.7	0.077	0.086	
58302	61125	256087	0.15876	0.1271	0.839	0.948	0.831	0.051	0.042	-17.7	0.051	0.042	L
58397	1423747	6399704	0.49736	0.7494	0.608	0.687	0.602	0.65	0.450	-30.8	0.650	0.450	
58575	5128	55967	0.00000	0.0501	0.891	1.006	0.883	0.111	0.098	-11.7	0.111	0.098	
58663	1084205	5239044	0.26262	0.7100	0.458	0.518	0.454	0.95	0.650	-31.6	0.950	0.650	L
58802	51278	222628	0.00000	0.1162	0.829	0.936	0.821	0.48	0.390	-18.8	0.480	0.390	
58837	6151	40015	1.66158	0.0435	0.969	1.095	0.961	0.161	0.155	-3.7	0.161	0.155	
58840	3596	21377	0.33755	0.0354	0.917	1.036	0.908	0.121	0.110	-9.1	0.121	0.110	
58873	283673	1166829	0.54671	0.3658	0.795	0.898	0.788	0.027	0.021	-22.2	0.027	0.021	
58904	2	15336	0.00000	0.0327	0.907	1.025	0.899	0.12	0.108	-10.0	0.120	0.108	
58922	1422175	6529067	1.11047	0.7528	1.068	1.206	1.058	0.179	0.189	5.6	0.179	0.189	
59005	207136	1353897	0.38515	0.3948	0.720	0.813	0.713	0.089	0.063	-29.2	0.089	0.063	
59188	277	1225	0.00000	0.0266	0.913	1.031	0.905	0.052	0.047	-9.6	0.052	0.047	
59189	4460	19243	0.00000	0.0344	0.906	1.023	0.897	0.28	0.250	-10.7	0.280	0.250	
59223	152906	876089	3.23378	0.3016	1.630	1.842	1.616	0.103	0.128	24.3	0.103	0.128	U
59378	0	0	0.00000	0.0000	0.938	1.000	0.877	0.141	0.124	-12.1	0.141	0.124	
59481	77791	460371	1.32865	0.1951	1.014	1.146	1.005	0.096	0.096	0.0	0.096	0.096	
59701	705	51829	5.57456	0.0482	1.162	1.312	1.151	0.33	0.380	15.2	0.330	0.380	
59713	379216	1923900	0.88118	0.4784	0.911	1.029	0.903	0.33	0.300	-9.1	0.330	0.300	
59722	46195	275150	0.18758	0.1332	0.838	0.947	0.830	0.028	0.023	-17.9	0.028	0.023	
59723	10000	71962	0.00000	0.0568	0.885	0.999	0.877	0.034	0.030	-11.8	0.034	0.030	
59726	77580	549257	1.34202	0.2189	1.026	1.159	1.017	0.023	0.023	0.0	0.023	0.023	
59738	15426	75447	0.00000	0.0582	0.883	0.998	0.875	0.059	0.052	-11.9	0.059	0.052	
59773	0	0	0.00000	0.0000	0.938	1.000	0.877	0.026	0.023	-11.5	0.026	0.023	
59774	524	2526	0.00000	0.0272	0.912	1.031	0.904	0.141	0.127	-9.9	0.141	0.127	
59775	0	0	0.00000	0.0000	0.938	1.000	0.877	0.178	0.156	-12.4	0.178	0.156	
59798	1027219	4257536	0.61905	0.6679	0.725	0.819	0.718	0.46	0.330	-28.3	0.460	0.330	
59886	13102	91407	0.00000	0.0645	0.877	0.991	0.870	0.1	0.087	-13.0	0.100	0.087	
59889	16463	96961	2.38815	0.0667	1.035	1.169	1.025	0.187	0.192	2.7	0.187	0.192	
59914	936170	4860879	0.95504	0.6945	0.950	1.073	0.941	0.69	0.650	-5.8	0.690	0.650	
59915	171484	804416	0.49300	0.2870	0.810	0.915	0.803	0.66	0.530	-19.7	0.660	0.530	
59917	124344	588018	1.05464	0.2300	0.965	1.090	0.956	0.232	0.222	-4.3	0.232	0.222	
59931	146048	740763	0.37382	0.2694	0.786	0.888	0.779	0.48	0.370	-22.9	0.480	0.370	
59932	2725	125369	0.00000	0.0780	0.865	0.977	0.857	0.8	0.690	-13.8	0.800	0.690	
59947	13568	77515	0.00000	0.0589	0.883	0.997	0.875	0.3	0.260	-13.3	0.300	0.260	
59955	22118	111506	0.00794	0.0725	0.870	0.983	0.863	0.132	0.114	-13.6	0.132	0.114	
59970	16046	95806	0.00000	0.0663	0.876	0.989	0.868	0.169	0.147	-13.0	0.169	0.147	

X-TILDE: 0.890

TAU SQUARE: 0.11174

X-TILDE (MONOLINE):

SIGMA SQUARED:

0.885

248731.944

PI-TILDE 0.0016742

L - CAPPED DOWN

U - CAPPED UP

N - NOT SUBJECT TO CAPPING

E - SUBJECT TO CAPPING EXCEPTION

## LOSS COST % CHANGE BY CLASS

SUBLINE: PRODUCTS

CLASS GROUP : 06

NUMBER OF YEARS OF DATA USED: 5

CHANGE FACTOR = INDEX \* CG REL \* SWRL USED = INDEX \* 0.999 \* 0.878

CLASS	AYE 2020	5 YEAR	5 YEAR	CRED.	FORMULA ER	INDEX	CHANGE FACTOR	PRESENT	PROPOSED	STATE-	PRESENT	PROPOSED	L	
	MONO/MULTI	MONO/MULTI	MONO/MULTI					MULTI-	MULTI-	WIDE		STATEWIDE		STATEWIDE
	ALCCL	ALCCL	EXPERIENCE					STATE	STATE	%		OCCUR		OCCUR
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)		
59975	473789	2618905	0.37365	0.5533	0.626	0.707	0.620	0.19	0.130	-31.6	0.190	0.130	L	
59984	61212	184642	0.00000	0.1024	0.842	0.951	0.834	0.049	0.041	-16.3	0.049	0.041		
59988	1130	7576	0.00000	0.0294	0.910	1.028	0.902	0.055	0.050	-9.1	0.055	0.050		
59989	14	86	0.00000	0.0261	0.913	1.032	0.905	0.041	0.037	-9.8	0.041	0.037		

X-TILDE: 0.890

TAU SQUARE: 0.11174

X-TILDE (MONOLINE):

0.885

SIGMA SQUARED:

248731.944

PI-TILDE 0.0016742

L - CAPPED DOWN

U - CAPPED UP

N - NOT SUBJECT TO CAPPING

E - SUBJECT TO CAPPING EXCEPTION



LOSS COST % CHANGE BY CLASS

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

CLASS	AYE 2020	5 YEAR	5 YEAR	CRED.	FORMULA	INDEX	CHANGE	PRESENT	PROPOSED	STATE-	PRESENT	PROPOSED
	MONO/MULTI	MONO/MULTI	MONO/MULTI					MULTI-	MULTI-	WIDE		
	ALCCL	ALCCL	RATIO					STATE	STATE	%		
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	OCCUR	OCCUR	CHANGE	OCCUR	OCCUR
49239	54348	310465	0.25033	0.1442	0.710	0.905	0.781	0.460	0.360	-21.7	0.460	0.360
50010	40963	188418	0.74807	0.1259	0.782	0.998	0.861	0.380	0.330	-13.2	0.380	0.330
51205	1759	7466	0.00000	0.0980	0.710	0.906	0.781	0.059	0.046	-22.0	0.059	0.046
51206	1843	18981	3.44852	0.0999	1.053	1.343	1.159	0.320	0.370	15.6	0.320	0.370
51220	63410	397315	0.28890	0.1568	0.709	0.904	0.780	1.900	1.480	-22.1	1.900	1.480
51221	562129	3035908	0.72388	0.4138	0.761	0.971	0.837	1.760	1.470	-16.5	1.760	1.470
51222	240707	1339403	1.40386	0.2719	0.955	1.218	1.051	4.530	4.760	5.1	4.530	4.760
51224	1435348	7707686	0.66595	0.6238	0.712	0.908	0.783	1.490	1.170	-21.5	1.490	1.170
51230	0	0	0.00000	0.0000	0.787	1.000	0.863	0.740	0.640	-13.5	0.740	0.640
51252	910124	5433184	0.71106	0.5454	0.746	0.951	0.820	0.074	0.061	-17.6	0.074	0.061
51254	14804	41685	0.00000	0.1035	0.706	0.900	0.777	0.032	0.025	-21.9	0.032	0.025
51333	40824	452350	0.88354	0.1799	0.805	1.026	0.885	0.320	0.280	-12.5	0.320	0.280
51958	257314	1477204	0.69544	0.2850	0.761	0.971	0.837	0.370	0.310	-16.2	0.370	0.310
51970	767997	3342438	0.60740	0.4339	0.709	0.905	0.780	0.177	0.138	-22.0	0.177	0.138
52433	32802	242525	0.43999	0.1341	0.741	0.945	0.815	0.800	0.650	-18.8	0.800	0.650
52581	0	303303	0.50983	0.1429	0.748	0.954	0.823	2.190	1.800	-17.8	2.190	1.800
52744	1465	5618	0.00000	0.0977	0.710	0.906	0.782	0.066	0.052	-21.2	0.066	0.052
53077	148612	937637	1.04265	0.2279	0.845	1.078	0.930	0.219	0.204	-6.9	0.219	0.204
55597	0	0	0.00000	0.0000	0.787	1.000	0.863	1.680	1.450	-13.7	1.680	1.450
55918	2556	10515	0.00000	0.0985	0.710	0.905	0.781	2.260	1.760	-22.1	2.260	1.760
55919	0	0	0.00000	0.0000	0.787	1.000	0.863	3.420	2.950	-13.7	3.420	2.950
56912	833290	4115746	1.16396	0.4788	0.968	1.234	1.065	0.084	0.089	6.0	0.084	0.089
57146	486048	2154340	0.76003	0.3472	0.778	0.992	0.856	0.750	0.640	-14.7	0.750	0.640
58737	20369	201075	0.99740	0.1281	0.814	1.038	0.896	0.550	0.490	-10.9	0.550	0.490
59601	211389	854947	0.54462	0.2204	0.734	0.936	0.807	2.230	1.800	-19.3	2.230	1.800
59660	533534	2570058	0.58513	0.3797	0.711	0.906	0.782	1.060	0.830	-21.7	1.060	0.830
59724	24858	130212	2.33417	0.1175	0.969	1.236	1.066	0.015	0.016	6.7	0.015	0.016
59725	902401	4101320	0.78899	0.4773	0.788	1.005	0.867	0.145	0.126	-13.1	0.145	0.126
59750	5938	27421	0.00000	0.1011	0.708	0.903	0.779	0.181	0.141	-22.1	0.181	0.141
59781	411695	2782419	0.55589	0.3953	0.696	0.887	0.766	0.085	0.065	-23.5	0.085	0.065
59782	465282	2289374	1.39564	0.3607	1.007	1.284	1.108	0.560	0.620	10.7	0.560	0.620

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

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

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

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

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

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

# AGGREGATE LOSS COSTS AT CURRENT LEVEL HAVE BEEN TRENDED FROM AN AVERAGE DATE OF COVERAGE TO ONE YEAR BEYOND AN ASSUMED EFFECTIVE DATE OF 07/01/2022 BY AN EXPONENTIAL PROJECTION OF THE AVERAGE ANNUAL EXPOSURE TREND FACTOR. THE DERIVATION OF THIS EXPOSURE TREND FACTOR IS SHOWN IN SECTION C, EXHIBIT C21 - AVERAGE ANNUAL EXPOSURE TRENDS.

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

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

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

REPORT TYPE	LOSS DESCRIPTION	ACCIDENT YEAR ENDING	\$100,000	\$100,000				\$100,000					
			BASIC LIMIT	BASIC LIMIT	UNALLOCATED	BASIC LIMIT							
			LOSSES	INDEMNITY	LOSS	DEVELOPED &							
			AND ALAE *	X	FACTOR #	X	ADJUSTMENT	X	SEVERITY	X	FREQUENCY	=	TRENDED LOSSES
									TREND		TREND		AND ALAE
BI	B/L INDEMNITY	12/31/2017	\$21,078,162		0.981		1.080		1.379		0.970		\$29,863,335
		12/31/2018	\$23,036,907		1.063		1.080		1.307		0.975		\$33,711,154
		12/31/2019	\$19,028,324		1.469		1.080		1.239		0.980		\$36,658,043
		12/31/2020	\$10,378,387		2.597		1.080		1.174		0.985		\$33,664,491
BI	ALAE	12/31/2017	\$17,315,074				1.080		1.379		0.970		\$25,014,056
		12/31/2018	\$19,011,983				1.080		1.307		0.975		\$26,165,640
		12/31/2019	\$21,123,802				1.080		1.239		0.980		\$27,700,859
		12/31/2020	\$20,082,424				1.080		1.174		0.985		\$25,080,963
PD	B/L INDEMNITY	12/31/2017	\$74,379,789		1.357		1.080		1.265		0.970		\$133,745,273
		12/31/2018	\$77,511,216		1.403		1.080		1.217		0.975		\$139,351,937
		12/31/2019	\$72,770,543		1.610		1.080		1.170		0.980		\$145,061,453
		12/31/2020	\$56,956,984		1.877		1.080		1.125		0.985		\$127,933,808
PD	ALAE	12/31/2017	\$74,827,527				1.080		1.265		0.970		\$99,162,487
		12/31/2018	\$83,868,774				1.080		1.217		0.975		\$107,477,918
		12/31/2019	\$86,759,119				1.080		1.170		0.980		\$107,436,246
		12/31/2020	\$75,799,258				1.080		1.125		0.985		\$90,714,657
TOTAL													
FULL COVERAGE		12/31/2017											\$287,785,151
		12/31/2018											\$306,706,649
		12/31/2019											\$316,856,601
		12/31/2020											\$277,393,919

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

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

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

REPORT TYPE	LOSS DESCRIPTION	ACCIDENT YEAR ENDING	\$100,000	\$100,000				\$100,000					
			BASIC LIMIT	BASIC LIMIT	UNALLOCATED	BASIC LIMIT							
			LOSSES	INDEMNITY	LOSS	DEVELOPED &							
			AND ALAE *	X	FACTOR #	X	FACTOR	X	SEVERITY	X	FREQUENCY	=	TRENDED LOSSES
									TREND		TREND		AND ALAE
BI	B/L INDEMNITY	12/31/2017	\$3,645,547		1.029		1.080		1.379		0.970		\$5,420,277
		12/31/2018	\$3,158,864		1.146		1.080		1.307		0.975		\$4,983,852
		12/31/2019	\$2,770,839		1.332		1.080		1.239		0.980		\$4,839,504
		12/31/2020	\$1,073,470		2.496		1.080		1.174		0.985		\$3,346,193
BI	ALAE	12/31/2017	\$3,405,079				1.080		1.379		0.970		\$4,919,115
		12/31/2018	\$2,827,876				1.080		1.307		0.975		\$3,891,924
		12/31/2019	\$3,437,030				1.080		1.239		0.980		\$4,507,175
		12/31/2020	\$2,219,410				1.080		1.174		0.985		\$2,771,823
PD	B/L INDEMNITY	12/31/2017	\$22,298,594		1.323		1.080		1.265		0.970		\$39,081,385
		12/31/2018	\$23,648,670		1.429		1.080		1.217		0.975		\$43,298,322
		12/31/2019	\$18,121,530		1.654		1.080		1.170		0.980		\$37,122,494
		12/31/2020	\$13,179,811		2.020		1.080		1.125		0.985		\$31,868,752
PD	ALAE	12/31/2017	\$22,586,904				1.080		1.265		0.970		\$29,932,481
		12/31/2018	\$25,579,666				1.080		1.217		0.975		\$32,780,367
		12/31/2019	\$24,336,416				1.080		1.170		0.980		\$30,136,466
		12/31/2020	\$18,099,556				1.080		1.125		0.985		\$21,661,096
TOTAL													
DED COVERAGE		12/31/2017											\$79,353,258
		12/31/2018											\$84,954,465
		12/31/2019											\$76,605,639
		12/31/2020											\$59,647,864
TOTAL													
OCCURRENCE		12/31/2017											\$367,138,410
		12/31/2018											\$391,661,116
		12/31/2019											\$393,462,239
		12/31/2020											\$337,041,785

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

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

## Alabama

## Local Products / Completed Operations

Subline Code 336

Combined Single Limit

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

<u>Type of Policy (B)</u>	<u>Description</u>	<u>Implicit Package Modification Factors</u>
31	Not Applicable	--
32	Not Applicable	--
33	Not Applicable	--
34	Mercantile Policy	1.500
35	Not Applicable	--
36	Service Policy	1.500
37	Industrial / Processing Policy	1.276
38	Contractors Policy	1.127

- (A) Implicit Package Modification Factors shown above reflect the package modifications currently in the ISO manual for Local Product / Completed Operations for each type of package policy. More specifically, the G.L. and Property Implicit Package Modification Factors are calculated so that they average to the current manual CPP modification factors that apply to both property and liability.
- (B) Combined data for risks written under the ISO CPP Program and individual insurer CMP programs have been used. These Implicit Package Modification Factors were applied to the aggregate loss costs at current level in each accident year. The average implicit package modification factor for each accident year is shown in Section C, Exhibit C16, page 1 - Calculation of Aggregate Loss Costs at Current Level. The difference in average implicit package modification factor results from varying aggregate loss-costs-at-current-level distributions by Type of Policy in each year.

## ALABAMA

## LOCAL PRODUCTS/COMPLETED OPERATIONS

FULL & DEDUCTIBLE COMBINED  
TOTAL LIMITS PREMIUM

## CALCULATION OF EXPOSURE DEVELOPMENT FACTORS

(1) Evaluation Period	(2) Multistate Ratio (a)	(3) State Ratio (b)	(4) Credibility (c)	(5) Weighted Ratio (d)	(6) Credibility Constant (Ki)
15 to 27 Months	1.020	1.039	0.9287	1.038	3,000,000
27 to 39 Months	1.000	1.001	0.5299	1.001	35,000,000
Accident Year Ending	Exposure Development From				Factor
	<u>27:15</u>	<u>39:27</u>	<u>ULT:39</u>		
12/31/2018			1.000		1.000
12/31/2019		1.001	1.000		1.001
12/31/2020	1.038	1.001	1.000		1.038

(a) See Section C - Multistate Premium Development.

(b) See Section C - Statewide Premium Development.

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

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

@ An adjustment of 0.950 has been subsequently applied to the exposure development factor for the latest year to reflect the reduced expected exposure for LPCO due to the COVID-19 pandemic and economic recession in 2020. The resulting exposure development factor is displayed on Exhibit C16, page 1 and is reflected in the calculation of the ALCCCL for the latest year. The derivation of this adjustment is explained in Section D.

ALABAMA  
LOCAL PRODUCTS/COMPLETED OPERATIONS

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

Accident Year Ending	15 Months	27 Months	39 Months	51 Months	63 Months	75 Months	87 Months	99 Months
12/31/2013	10,876,023	11,173,593	11,192,915	11,191,861	11,191,788	11,191,788	11,193,416	11,193,416
12/31/2014	11,511,512	11,887,957	11,906,802	11,905,112	11,905,085	11,901,089	11,901,089	
12/31/2015	11,768,917	12,186,296	12,234,303	12,231,294	12,219,290	12,219,290		
12/31/2016	11,823,677	12,348,215	12,336,895	12,329,118	12,329,118			
12/31/2017	12,695,217	13,171,809	13,137,112	13,140,259				
12/31/2018	13,417,432	13,935,795	13,954,237					
12/31/2019	12,937,380	13,459,641						
12/31/2020	12,405,763							

LINK RATIOS

Accident Year Ending	27:15	39:27	51:39	63:51	75:63	87:75	99:87
12/31/2013	1.027	1.002	1.000	1.000	1.000	1.000	1.000
12/31/2014	1.033	1.002	1.000	1.000	1.000	1.000	
12/31/2015	1.035	1.004	1.000	0.999	1.000		
12/31/2016	1.044	0.999	0.999	1.000			
12/31/2017	1.038	0.997	1.000				
12/31/2018	1.039	1.001					
12/31/2019	1.040						

Average Best 3 of 5  
27:15      39:27  
 1.039      1.001

MULTISTATE  
LOCAL PRODUCTS/COMPLETED OPERATIONS

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

Accident Year Ending	15 Months	27 Months	39 Months	51 Months	63 Months	75 Months	87 Months	99 Months
12/31/2013	569,620,424	582,769,479	581,838,886	581,761,292	581,778,229	581,773,854	581,787,617	581,787,927
12/31/2014	633,661,240	650,236,924	649,732,134	649,829,615	649,745,518	649,730,829	649,734,929	
12/31/2015	672,293,788	688,502,113	688,234,176	688,247,008	688,205,780	688,201,994		
12/31/2016	695,664,736	713,882,174	713,920,075	714,386,398	714,385,307			
12/31/2017	711,436,924	724,832,761	724,611,925	724,563,433				
12/31/2018	735,694,108	747,778,860	747,276,949					
12/31/2019	746,494,743	757,723,412						
12/31/2020	732,713,772							

LINK RATIOS

Accident Year Ending	27:15	39:27	51:39	63:51	75:63	87:75	99:87
12/31/2013	1.023	0.998	1.000	1.000	1.000	1.000	1.000
12/31/2014	1.026	0.999	1.000	1.000	1.000	1.000	
12/31/2015	1.024	1.000	1.000	1.000	1.000		
12/31/2016	1.026	1.000	1.001	1.000			
12/31/2017	1.019	1.000	1.000				
12/31/2018	1.016	0.999					
12/31/2019	1.015						

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



## ALABAMA

## Completed Operations

Bodily Injury  
Full Coverage  
Incurred Losses Excluding ALAE

## Calculation of Loss Development Factors

(1)	(2)	(3)	(4)	(5)	
Evaluation Period	Multistate Ratio (A)	State Ratio (B)	Credibility (C)	Weighted Ratio (D)	Credibility Constant (K <sub>i</sub> )
15 to 27 Months	1.937	5.442	0.4703	3.585	310,000
27 to 39 Months	1.483	1.099	0.5978	1.253	350,000
39 to 51 Months	1.096	0.978	0.6153	1.023	380,000
51 to 63 Months	1.006	1.000	0.5008	1.003	420,000
63 to 75 Months	0.976	0.957	0.4594	0.967	470,000
75 to 87 Months	1.000	1.010	0.3705	1.004	520,000
87 to 99 Months	0.996	1.000	0.4459	0.998	580,000
99 to 111 Months	0.997	1.000	0.4238	0.998	640,000
111 to 123 Months	0.991	1.000	0.4682	0.995	710,000
123 to 135 Months	0.997	0.997	0.4402	0.997	790,000
135 to 147 Months	0.998	1.000	0.4252	0.999	880,000
147 to 159 Months	0.999	1.000	0.4015	0.999	980,000
159 to 171 Months	0.998	1.000	0.3191	0.999	1,100,000
171 to 183 Months	1.000	1.000	0.3089	1.000	1,200,000
183 to 195 Months	0.999	1.000	0.2989	0.999	1,400,000
195 to 207 Months	0.998	1.000	0.3287	0.999	1,500,000
207 to 219 Months	0.999	1.000	0.2830	0.999	1,700,000
219 to 231 Months	1.000	1.000	0.1876	1.000	1,900,000
231 to 243 Months	1.000	1.000	0.0602	1.000	2,100,000
243 to Ultimate	The Multistate ratio has been used.				

Accident Year	Loss Development From										
Ending	27:15	39:27	51:39	63:51	75:63	87:75	99:87	111:99	123:111	135:123	147:135
12/31/2018			1.023	1.003	0.967	1.004	0.998	0.998	0.995	0.997	0.999
12/31/2019		1.253	1.023	1.003	0.967	1.004	0.998	0.998	0.995	0.997	0.999
12/31/2020	3.585	1.253	1.023	1.003	0.967	1.004	0.998	0.998	0.995	0.997	0.999
	<u>159:147</u>	<u>171:159</u>	<u>183:171</u>	<u>195:183</u>	<u>207:195</u>	<u>219:207</u>	<u>231:219</u>	<u>243:231</u>	<u>ULT:243</u>		<u>Factor</u>
12/31/2018	0.999	0.999	1.000	0.999	0.999	0.999	1.000	1.000	1.000		0.979
12/31/2019	0.999	0.999	1.000	0.999	0.999	0.999	1.000	1.000	1.000		1.227
12/31/2020	0.999	0.999	1.000	0.999	0.999	0.999	1.000	1.000	1.000		4.400

(A) See Exhibit C19 - Multistate Loss Development.

(B) See Exhibit C19 - Statewide Loss Development.

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

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

## ALABAMA

Completed Operations  
 Bodily Injury  
 Full Coverage  
 ALAE

## Calculation of Cumulative Incremental Factors

(1)	(2)
Evaluation Period	Multistate Ratio (A)
15 to 27 Months	0.0607
27 to 39 Months	0.1355
39 to 51 Months	0.1029
51 to 63 Months	0.0794
63 to 75 Months	0.0445
75 to 87 Months	0.0332
87 to 99 Months	0.0053
99 to 111 Months	0.0073
111 to 123 Months	0.0112
123 to 135 Months	0.0003
135 to 147 Months	0.0041
147 to 159 Months	0.0030
159 to 171 Months	0.0020
171 to Ultimate	A multistate ratio of 1.009 has been used.

Cumulative Incremental Factors							
<u>Months-to-Ultimate</u>	<u>15</u>	<u>27</u>	<u>39</u>	<u>51</u>	<u>63</u>	<u>75</u>	<u>87</u>
	0.489	0.429	0.293	0.190	0.111	0.066	0.033
<u>Months-to-Ultimate</u>	<u>99</u>	<u>111</u>	<u>123</u>	<u>135</u>	<u>147</u>	<u>159</u>	<u>171</u>
	0.028	0.021	0.009	0.009	0.005	0.002	0.000

<u>Full coverage</u>	Reported ALAE as of	\$500,000 Ultimate	ALAE Factor	Additional ALAE	ALAE at 171 Months	171-Ultimate Factor	Ultimate ALAE
A.Y.E	3/31/2021	Indemnity					
12/31/2018	156,288	843,837	0.293	247,413	403,701	1.009	407,334
12/31/2019	116,765	800,986	0.429	343,383	460,148	1.009	464,289
12/31/2020	110,674	3,955,393	0.489	1,935,769	2,046,443	1.009	2,064,861

(A) See Exhibit C19 - Multistate Loss Development.

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

## ALABAMA

## Completed Operations

Property Damage  
Full Coverage  
Incurred Losses Excluding ALAE

## Calculation of Loss Development Factors

(1)	(2)	(3)	(4)	(5)	
Evaluation Period	Multistate Ratio (A)	State Ratio (B)	Credibility (C)	Weighted Ratio (D)	Credibility Constant (K <sub>s</sub> )
15 to 27 Months	1.235	1.211	0.6608	1.219	860,000
27 to 39 Months	1.117	1.285	0.6742	1.230	940,000
39 to 51 Months	1.076	1.133	0.6559	1.113	980,000
51 to 63 Months	1.051	1.075	0.6746	1.067	1,100,000
63 to 75 Months	1.044	1.034	0.6789	1.037	1,200,000
75 to 87 Months	1.040	0.985	0.6734	1.003	1,300,000
87 to 99 Months	1.026	1.000	0.6549	1.009	1,400,000
99 to 111 Months	1.047	0.969	0.6451	0.997	1,500,000
111 to 123 Months	1.017	0.996	0.6587	1.003	1,600,000
123 to 135 Months	1.014	0.974	0.6768	0.987	1,700,000
135 to 147 Months	1.004	1.005	0.6895	1.005	1,900,000
147 to 159 Months	1.008	1.000	0.6784	1.003	2,000,000
159 to 171 Months	1.008	1.000	0.6357	1.003	2,200,000
171 to 183 Months	1.006	1.000	0.6034	1.002	2,400,000
183 to 195 Months	1.005	1.000	0.6542	1.002	2,600,000
195 to 207 Months	1.002	1.000	0.6393	1.001	2,800,000
207 to 219 Months	1.003	1.000	0.6220	1.001	3,000,000
219 to 231 Months	1.002	1.000	0.4400	1.001	3,200,000
231 to 243 Months	1.001	1.000	0.2936	1.001	3,400,000
243 to Ultimate	The Multistate ratio has been used.				

Accident Year	Loss Development From										
Ending	27:15	39:27	51:39	63:51	75:63	87:75	99:87	111:99	123:111	135:123	147:135
12/31/2018			1.113	1.067	1.037	1.003	1.009	0.997	1.003	0.987	1.005
12/31/2019		1.230	1.113	1.067	1.037	1.003	1.009	0.997	1.003	0.987	1.005
12/31/2020	1.219	1.230	1.113	1.067	1.037	1.003	1.009	0.997	1.003	0.987	1.005
	<u>159:147</u>	<u>171:159</u>	<u>183:171</u>	<u>195:183</u>	<u>207:195</u>	<u>219:207</u>	<u>231:219</u>	<u>243:231</u>	<u>ULT:243</u>		<u>Factor</u>
12/31/2018	1.003	1.003	1.002	1.002	1.001	1.001	1.001	1.001	1.002		1.255
12/31/2019	1.003	1.003	1.002	1.002	1.001	1.001	1.001	1.001	1.002		1.545
12/31/2020	1.003	1.003	1.002	1.002	1.001	1.001	1.001	1.001	1.002		1.883

(A) See Exhibit C19 - Multistate Loss Development.

(B) See Exhibit C19 - Statewide Loss Development.

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

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

## ALABAMA

Completed Operations  
Property Damage  
Full Coverage  
ALAE

## Calculation of Cumulative Incremental Factors

(1)	(2)
Evaluation Period	Multistate Ratio (A)
15 to 27 Months	0.0603
27 to 39 Months	0.0814
39 to 51 Months	0.0781
51 to 63 Months	0.0610
63 to 75 Months	0.0466
75 to 87 Months	0.0338
87 to 99 Months	0.0242
99 to 111 Months	0.0292
111 to 123 Months	0.0270
123 to 135 Months	0.0266
135 to 147 Months	0.0180
147 to 159 Months	0.0161
159 to 171 Months	0.0084
171 to Ultimate	A multistate ratio of 1.045 has been used.

Cumulative Incremental Factors							
<u>Months-to-Ultimate</u>	<u>15</u>	<u>27</u>	<u>39</u>	<u>51</u>	<u>63</u>	<u>75</u>	<u>87</u>
	0.511	0.450	0.369	0.291	0.230	0.183	0.150
<u>Months-to-Ultimate</u>	<u>99</u>	<u>111</u>	<u>123</u>	<u>135</u>	<u>147</u>	<u>159</u>	<u>171</u>
	0.125	0.096	0.069	0.043	0.025	0.008	0.000

<u>Full coverage</u>	Reported ALAE as of	\$500,000 Ultimate	ALAE Factor	Additional ALAE	ALAE at 171 Months	171-Ultimate Factor	Ultimate ALAE
A.Y.E	3/31/2021	Indemnity					
12/31/2018	851,435	2,870,809	0.369	1,059,329	1,910,764	1.045	1,996,748
12/31/2019	448,855	2,789,923	0.450	1,256,581	1,705,436	1.045	1,782,181
12/31/2020	199,754	2,410,572	0.511	1,231,079	1,430,833	1.045	1,495,221

(A) See Exhibit C19 - Multistate Loss Development.

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

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

\$100,000 Basic Limit Losses as of :											
A.Y.E.	<u>15 Months</u>	<u>27 Months</u>	<u>39 Months</u>	<u>51 Months</u>	<u>63 Months</u>	<u>75 Months</u>	<u>87 Months</u>	<u>99 Months</u>	<u>111 Months</u>	<u>123 Months</u>	<u>135 Months</u>
12/31/2001	171,734	395,000	246,403	172,403	174,403	134,403	134,403	134,403	134,403	134,403	134,403
12/31/2002	34,149	23,395	53,128	104,228	169,228	344,228	313,228	313,228	304,228	304,228	304,228
12/31/2003	123,946	98,951	219,564	275,990	232,419	242,419	232,419	232,419	232,419	232,419	232,419
12/31/2004	19,010	113,510	137,510	152,824	102,824	147,824	197,824	197,824	197,824	197,824	197,824
12/31/2005	155,940	161,714	170,164	166,756	166,756	166,756	181,607	181,607	166,606	166,606	166,606
12/31/2006	38,450	54,500	162,000	214,500	189,500	211,000	217,500	212,500	196,000	191,000	189,000
12/31/2007	73,529	192,330	269,830	171,330	217,330	223,830	212,830	182,330	175,830	175,830	173,830
12/31/2008	175,330	395,342	356,044	376,050	313,544	311,044	307,044	307,044	306,044	306,044	306,044
12/31/2009	63,092	51,597	139,192	136,592	132,092	163,583	148,592	171,092	171,092	171,092	171,092
12/31/2010	15,000	211,000	218,505	165,000	154,000	144,000	144,000	144,000	144,000	144,000	144,000
12/31/2011	100,001	87,500	165,000	291,500	341,500	306,500	310,000	310,000	310,000	310,000	
12/31/2012	55,250	1,800	16,800	16,800	16,800	16,800	16,800	16,800	16,800		
12/31/2013	17,275	90,955	114,004	115,004	115,004	105,101	139,850	105,004			
12/31/2014	109,601	181,899	188,507	174,215	174,215	184,215	187,665				
12/31/2015	5,176	95,175	95,175	95,175	110,175	105,280					
12/31/2016	15,000	155,000	175,000	152,000	152,000						
12/31/2017	117,500	215,305	337,500	341,896							
12/31/2018	51,700	150,000	170,000								
12/31/2019	106,043	327,743									
12/31/2020	390,003										

  

A.Y.E.	<u>147 Months</u>	<u>159 Months</u>	<u>171 Months</u>	<u>183 Months</u>	<u>195 Months</u>	<u>207 Months</u>	<u>219 Months</u>	<u>231 Months</u>	<u>243 Months</u>
12/31/2001	134,403	134,403	134,403	134,403	134,403	134,403	134,403	134,403	134,403
12/31/2002	304,228	304,228	304,228	304,228	304,228	304,228	304,228	304,228	
12/31/2003	232,419	232,419	232,419	232,419	232,419	232,419	232,419		
12/31/2004	197,824	197,824	197,824	197,824	197,824	197,824			
12/31/2005	166,606	166,606	166,606	166,606	166,606				
12/31/2006	177,500	175,000	172,000	172,000					
12/31/2007	173,830	173,830	173,830						
12/31/2008	306,044								
12/31/2009	171,092								

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

	Link Ratios										
<u>A.Y.E.</u>	<u>27:15</u>	<u>39:27</u>	<u>51:39</u>	<u>63:51</u>	<u>75:63</u>	<u>87:75</u>	<u>99:87</u>	<u>111:99</u>	<u>123:111</u>	<u>135:123</u>	<u>147:135</u>
12/31/2001	2.300	0.624	0.700	1.012	0.771	1.000	1.000	1.000	1.000	1.000	1.000
12/31/2002	0.685	2.271	1.962	1.624	2.034	0.910	1.000	0.971	1.000	1.000	1.000
12/31/2003	0.798	2.219	1.257	0.842	1.043	0.959	1.000	1.000	1.000	1.000	1.000
12/31/2004	5.971	1.211	1.111	0.673	1.438	1.338	1.000	1.000	1.000	1.000	1.000
12/31/2005	1.037	1.052	0.980	1.000	1.000	1.089	1.000	0.917	1.000	1.000	1.000
12/31/2006	1.417	2.972	1.324	0.883	1.113	1.031	0.977	0.922	0.974	0.990	0.939
12/31/2007	2.616	1.403	0.635	1.268	1.030	0.951	0.857	0.964	1.000	0.989	1.000
12/31/2008	2.255	0.901	1.056	0.834	0.992	0.987	1.000	0.997	1.000	1.000	1.000
12/31/2009	0.818	2.698	0.981	0.967	1.238	0.908	1.151	1.000	1.000	1.000	1.000
12/31/2010	14.067	1.036	0.755	0.933	0.935	1.000	1.000	1.000	1.000	1.000	
12/31/2011	0.875	1.886	1.767	1.172	0.898	1.011	1.000	1.000	1.000		
12/31/2012	0.033	9.333	1.000	1.000	1.000	1.000	1.000	1.000			
12/31/2013	5.265	1.253	1.009	1.000	0.914	1.331	0.751				
12/31/2014	1.660	1.036	0.924	1.000	1.057	1.019					
12/31/2015	18.388	1.000	1.000	1.158	0.956						
12/31/2016	10.333	1.129	0.869	1.000							
12/31/2017	1.832	1.568	1.013								
12/31/2018	2.901	1.133									
12/31/2019	3.091										

3 Yr Mean	2.608	1.277	0.961	1.053	0.976	1.117	0.917	1.000	1.000	1.000	1.000
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Best 3/5	5.442	1.099	0.978	1.000	0.957	1.010	1.000	1.000	1.000	0.997	1.000
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<u>A.Y.E.</u>	<u>159:147</u>	<u>171:159</u>	<u>183:171</u>	<u>195:183</u>	<u>207:195</u>	<u>219:207</u>	<u>231:219</u>	<u>243:231</u>			
12/31/2001	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	<b>1.000</b>			
12/31/2003	1.000	1.000	1.000	1.000	1.000	1.000	<b>1.000</b>	<b>1.000</b>			
12/31/2004	1.000	1.000	1.000	1.000	1.000	<b>1.000</b>	<b>1.000</b>	<b>1.000</b>			
12/31/2005	1.000	1.000	1.000	1.000	<b>1.000</b>	<b>1.000</b>	<b>1.000</b>	<b>1.000</b>			
12/31/2006	0.986	0.983	1.000								
12/31/2007	1.000	1.000									
12/31/2008	1.000										

3 Yr Mean	0.995	0.994	1.000	1.000	1.000	1.000	1.000	1.000			
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Best 3/5	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000			
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	Development From										
<u>A.Y.E.</u>	<u>15/ 27</u>	<u>27/ 39</u>	<u>39/ 51</u>	<u>51/ 63</u>	<u>63/ 75</u>	<u>75/ 87</u>	<u>87/ 99</u>	<u>99/111</u>	<u>111/123</u>	<u>123/135</u>	<u>135/147</u>
12/31/2016					0.957	1.010	1.000	1.000	1.000	0.997	1.000
12/31/2017				1.000	0.957	1.010	1.000	1.000	1.000	0.997	1.000
12/31/2018			0.978	1.000	0.957	1.010	1.000	1.000	1.000	0.997	1.000
12/31/2019		1.099	0.978	1.000	0.957	1.010	1.000	1.000	1.000	0.997	1.000
12/31/2020	5.442	1.099	0.978	1.000	0.957	1.010	1.000	1.000	1.000	0.997	1.000

<u>A.Y.E.</u>	<u>147/159</u>	<u>159/171</u>	<u>171/183</u>	<u>183/195</u>	<u>195/207</u>	<u>207/219</u>	<u>219/231</u>	<u>231/243</u>	<u>243/Ult</u>	<u>FACTORS</u>	
12/31/2016	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	<b>1.000</b>		0.964
12/31/2017	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	<b>1.000</b>		0.964
12/31/2018	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	<b>1.000</b>		0.942
12/31/2019	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	<b>1.000</b>		1.036
12/31/2020	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	<b>1.000</b>		5.637

**Bold - Calculated Using Modified Bondy Method**

*Italics - Three year mean Excludes Modified Bondy ratios*

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

Allocated Expenses as of:											
<u>A.Y.E.</u>	<u>15 Months</u>	<u>27 Months</u>	<u>39 Months</u>	<u>51 Months</u>	<u>63 Months</u>	<u>75 Months</u>	<u>87 Months</u>	<u>99 Months</u>	<u>111 Months</u>	<u>123 Months</u>	<u>135 Months</u>
12/31/2001	122,325	253,052	187,662	99,148	113,030	100,996	100,996	100,996	100,996	101,547	101,547
12/31/2002	2,738	11,733	20,724	38,812	75,029	129,845	100,644	100,644	97,044	97,044	97,044
12/31/2003	17,903	18,593	62,315	126,164	130,327	189,469	165,478	166,798	166,798	166,798	166,798
12/31/2004	2,867	46,136	109,619	188,840	279,626	308,589	215,681	215,793	215,793	215,793	215,793
12/31/2005	6,237	3,047	26,519	36,834	36,834	36,834	37,335	46,834	36,834	36,834	36,834
12/31/2006	1,777	758	73,941	73,941	84,738	84,738	85,738	85,738	85,738	85,738	85,738
12/31/2007	10,166	53,116	224,850	370,285	311,275	311,348	311,348	311,348	311,348	311,348	311,348
12/31/2008	63,330	109,510	305,034	363,892	337,305	337,305	337,305	337,305	350,940	350,940	350,940
12/31/2009	38,250	28,733	176,952	146,623	147,456	153,886	161,386	153,886	153,886	153,886	153,886
12/31/2010	32,497	111,798	111,801	116,729	115,666	108,135	108,135	108,135	108,135	108,135	108,135
12/31/2011	52,485	97,644	215,916	327,985	177,375	207,381	213,044	213,044	213,044	213,044	
12/31/2012	67,610	17,610	55,869	62,998	62,998	62,998	62,697	62,697	62,697		
12/31/2013	0	6,476	16,170	19,493	18,373	45,031	67,148	67,148			
12/31/2014	91,733	310,017	374,876	241,483	249,099	254,213	254,213				
12/31/2015	0	23,957	46,918	119,970	412,974	445,145					
12/31/2016	15,001	47,999	27,834	50,769	50,769						
12/31/2017	5,002	97,197	442,278	408,174							
12/31/2018	12,446	27,450	39,478								
12/31/2019	0	88,419									
12/31/2020	110,669										

  

<u>A.Y.E</u>	<u>147 Months</u>	<u>159 Months</u>	<u>171 Months</u>	<u>183 Months</u>	<u>195 Months</u>	<u>207 Months</u>	<u>219 Months</u>	<u>231 Months</u>	<u>243 Months</u>
12/31/2001	96,407	96,407	96,407	96,407	96,407	96,407	96,407	96,407	96,407
12/31/2002	97,044	97,044	97,044	97,044	97,044	97,044	97,044	97,044	
12/31/2003	166,798	166,798	166,798	166,798	166,798	166,798	166,798		
12/31/2004	215,793	215,793	215,793	215,793	215,793	215,793			
12/31/2005	36,834	36,834	36,834	36,834	36,834				
12/31/2006	85,738	85,738	84,818	84,818					
12/31/2007	311,348	311,348	311,348						
12/31/2008	350,940	350,940							
12/31/2009	153,886								

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

\$100,000 Basic Limit Losses as of :											
A.Y.E.	<u>15 Months</u>	<u>27 Months</u>	<u>39 Months</u>	<u>51 Months</u>	<u>63 Months</u>	<u>75 Months</u>	<u>87 Months</u>	<u>99 Months</u>	<u>111 Months</u>	<u>123 Months</u>	<u>135 Months</u>
12/31/2001	510,823	501,035	889,786	1,084,636	1,148,386	1,291,885	1,346,883	1,289,388	1,337,550	1,353,051	1,353,051
12/31/2002	510,626	624,548	994,681	992,944	986,692	1,042,198	1,123,253	1,091,403	1,086,403	1,086,403	1,101,404
12/31/2003	1,014,514	953,662	1,361,804	1,447,550	2,374,972	2,337,696	2,184,865	2,313,562	2,332,819	2,423,814	2,422,814
12/31/2004	778,654	932,487	1,124,341	1,239,680	1,294,036	1,326,644	1,455,936	1,409,596	1,458,813	1,458,813	1,458,813
12/31/2005	575,323	892,369	771,233	796,985	854,753	1,108,557	979,622	1,019,585	986,085	982,085	982,086
12/31/2006	569,133	544,955	640,110	1,165,405	3,730,082	3,020,730	2,948,463	1,612,130	1,485,555	1,405,265	1,261,343
12/31/2007	480,003	636,201	1,355,761	2,237,268	1,931,780	2,328,338	1,629,842	1,557,842	1,567,060	1,550,230	1,529,730
12/31/2008	829,227	1,147,972	1,446,442	1,559,289	1,603,351	1,564,788	1,597,691	1,697,009	1,512,690	1,512,690	1,415,190
12/31/2009	1,087,496	1,146,223	1,273,370	1,322,550	1,320,545	1,460,334	1,430,396	1,349,239	1,225,489	1,203,489	1,273,489
12/31/2010	692,268	610,594	774,462	631,857	788,553	879,249	844,249	844,249	844,249	844,249	844,249
12/31/2011	556,248	721,399	905,732	997,340	985,835	1,041,835	1,020,015	1,019,015	1,017,915	1,017,915	
12/31/2012	605,425	658,516	852,020	908,537	952,803	863,252	863,252	863,252	863,252		
12/31/2013	367,113	516,108	667,185	684,598	724,843	784,256	773,756	818,756			
12/31/2014	491,788	542,877	877,133	1,102,719	1,002,719	1,032,349	1,020,361				
12/31/2015	521,390	641,275	648,820	724,633	809,741	822,754					
12/31/2016	387,927	433,596	472,827	452,609	569,413						
12/31/2017	382,038	491,324	746,550	1,077,574							
12/31/2018	710,388	1,020,353	1,272,719								
12/31/2019	582,792	607,720									
12/31/2020	1,009,622										

  

A.Y.E.	<u>147 Months</u>	<u>159 Months</u>	<u>171 Months</u>	<u>183 Months</u>	<u>195 Months</u>	<u>207 Months</u>	<u>219 Months</u>	<u>231 Months</u>	<u>243 Months</u>
12/31/2001	1,353,051	1,413,057	1,413,057	1,413,051	1,413,249	1,413,249	1,413,249	1,413,249	1,413,249
12/31/2002	1,101,403	1,101,403	1,101,403	1,101,403	1,101,403	1,101,403	1,101,403	1,101,403	
12/31/2003	2,422,814	2,422,814	2,422,814	2,422,814	2,422,814	2,422,814	2,422,814		
12/31/2004	1,438,813	1,438,813	1,438,813	1,438,813	1,438,813	1,438,813			
12/31/2005	1,057,085	1,057,085	1,057,085	1,057,085	1,057,085				
12/31/2006	1,304,371	1,282,110	1,155,109	1,152,618					
12/31/2007	1,499,730	1,499,730	1,499,730						
12/31/2008	1,415,190	1,415,190							
12/31/2009	1,213,582								



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

Link Ratios											
A.Y.E.	<u>27:15</u>	<u>39:27</u>	<u>51:39</u>	<u>63:51</u>	<u>75:63</u>	<u>87:75</u>	<u>99:87</u>	<u>111:99</u>	<u>123:111</u>	<u>135:123</u>	<u>147:135</u>
12/31/2001	0.981	1.776	1.219	1.059	1.125	1.043	0.957	1.037	1.012	1.000	1.000
12/31/2002	1.223	1.593	0.998	0.994	1.056	1.078	0.972	0.995	1.000	1.014	1.000
12/31/2003	0.940	1.428	1.063	1.641	0.984	0.935	1.059	1.008	1.039	1.000	1.000
12/31/2004	1.198	1.206	1.103	1.044	1.025	1.097	0.968	1.035	1.000	1.000	0.986
12/31/2005	1.551	0.864	1.033	1.072	1.297	0.884	1.041	0.967	0.996	1.000	1.076
12/31/2006	0.958	1.175	1.821	3.201	0.810	0.976	0.547	0.921	0.946	0.898	1.034
12/31/2007	1.325	2.131	1.650	0.863	1.205	0.700	0.956	1.006	0.989	0.987	0.980
12/31/2008	1.384	1.260	1.078	1.028	0.976	1.021	1.062	0.891	1.000	0.936	1.000
12/31/2009	1.054	1.111	1.039	0.998	1.106	0.979	0.943	0.908	0.982	1.058	0.953
12/31/2010	0.882	1.268	0.816	1.248	1.115	0.960	1.000	1.000	1.000	1.000	
12/31/2011	1.297	1.256	1.101	0.988	1.057	0.979	0.999	0.999	1.000		
12/31/2012	1.088	1.294	1.066	1.049	0.906	1.000	1.000	1.000			
12/31/2013	1.406	1.293	1.026	1.059	1.082	0.987	1.058				
12/31/2014	1.104	1.616	1.257	0.909	1.030	0.988					
12/31/2015	1.230	1.012	1.117	1.117	1.016						
12/31/2016	1.118	1.090	0.957	1.258							
12/31/2017	1.286	1.519	1.443								
12/31/2018	1.436	1.247									
12/31/2019	1.043										
3 Yr Mean	1.255	1.285	1.172	1.095	1.043	0.992	1.019	1.000	0.994	0.998	0.978
Best 3/5	1.211	1.285	1.133	1.075	1.034	0.985	1.000	0.969	0.996	0.974	1.005
	<u>159:147</u>	<u>171:159</u>	<u>183:171</u>	<u>195:183</u>	<u>207:195</u>	<u>219:207</u>	<u>231:219</u>	<u>243:231</u>			
12/31/2001	1.044	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	<b>1.000</b>			
12/31/2003	1.000	1.000	1.000	1.000	1.000	1.000	<b>1.000</b>	<b>1.000</b>			
12/31/2004	1.000	1.000	1.000	1.000	1.000	<b>1.000</b>	<b>1.000</b>	<b>1.000</b>			
12/31/2005	1.000	1.000	1.000	1.000	<b>1.000</b>	<b>1.000</b>	<b>1.000</b>	<b>1.000</b>			
12/31/2006	0.983	0.901	0.998								
12/31/2007	1.000	1.000									
12/31/2008	1.000										
3 Yr Mean	0.994	0.967	0.999	1.000	1.000	1.000	1.000	1.000			
Best 3/5	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000			
	Development From										
A.Y.E.	<u>15/ 27</u>	<u>27/ 39</u>	<u>39/ 51</u>	<u>51/ 63</u>	<u>63/ 75</u>	<u>75/ 87</u>	<u>87/ 99</u>	<u>99/111</u>	<u>111/123</u>	<u>123/135</u>	<u>135/147</u>
12/31/2016					1.034	0.985	1.000	0.969	0.996	0.974	1.005
12/31/2017				1.075	1.034	0.985	1.000	0.969	0.996	0.974	1.005
12/31/2018			1.133	1.075	1.034	0.985	1.000	0.969	0.996	0.974	1.005
12/31/2019		1.285	1.133	1.075	1.034	0.985	1.000	0.969	0.996	0.974	1.005
12/31/2020	1.211	1.285	1.133	1.075	1.034	0.985	1.000	0.969	0.996	0.974	1.005
	<u>147/159</u>	<u>159/171</u>	<u>171/183</u>	<u>183/195</u>	<u>195/207</u>	<u>207/219</u>	<u>219/231</u>	<u>231/243</u>	<u>243/Ult</u>		<u>FACTORS</u>
12/31/2016	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	<b>1.000</b>		0.962
12/31/2017	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	<b>1.000</b>		1.034
12/31/2018	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	<b>1.000</b>		1.172
12/31/2019	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	<b>1.000</b>		1.506
12/31/2020	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	<b>1.000</b>		1.824

**Bold - Calculated Using Modified Bondy Method**

*Italics - Three year mean Excludes Modified Bondy ratios*

Completed Operations (Subline Code 336)  
Full Coverage  
ALABAMA  
Property Damage - Occurrence  
Incurred Accident Year ALAE Development

Allocated Expenses as of:											
<u>A.Y.E.</u>	<u>15 Months</u>	<u>27 Months</u>	<u>39 Months</u>	<u>51 Months</u>	<u>63 Months</u>	<u>75 Months</u>	<u>87 Months</u>	<u>99 Months</u>	<u>111 Months</u>	<u>123 Months</u>	<u>135 Months</u>
12/31/2001	69,240	76,397	221,308	322,839	547,608	710,966	1,012,511	1,070,209	1,176,174	1,204,384	1,197,550
12/31/2002	42,317	131,410	409,789	473,751	622,656	744,793	808,300	828,150	829,174	829,174	829,181
12/31/2003	166,745	247,309	519,455	906,802	1,322,922	1,684,829	1,657,972	1,792,502	1,785,683	1,818,578	1,818,578
12/31/2004	106,416	201,850	349,926	583,678	642,740	627,713	648,133	747,940	836,138	840,717	849,791
12/31/2005	68,076	210,099	275,726	307,810	430,068	670,216	689,385	670,580	669,819	666,263	716,288
12/31/2006	65,185	222,495	460,657	618,758	1,088,699	1,522,881	1,603,198	1,586,386	1,579,675	1,842,629	1,862,927
12/31/2007	121,168	206,926	396,108	673,953	1,043,926	1,262,191	1,245,099	1,265,543	1,342,525	1,369,723	1,396,058
12/31/2008	314,199	526,113	992,634	1,265,077	1,530,682	1,763,535	2,071,507	2,186,590	2,241,464	2,205,648	2,205,648
12/31/2009	186,310	468,697	787,515	1,062,638	1,407,883	1,556,015	1,570,672	1,589,167	1,496,312	1,490,924	1,490,924
12/31/2010	84,696	117,465	175,009	215,470	277,711	280,177	334,343	339,950	339,950	339,950	339,950
12/31/2011	142,663	245,261	473,111	587,885	627,119	688,407	682,701	690,129	685,822	685,822	
12/31/2012	173,910	242,138	509,171	650,218	682,172	680,337	671,004	671,004	671,004		
12/31/2013	46,505	113,337	311,859	411,722	420,364	489,336	537,809	573,304			
12/31/2014	66,169	199,167	441,734	441,536	478,105	538,587	577,484				
12/31/2015	85,181	211,291	481,048	598,191	763,060	859,520					
12/31/2016	64,546	242,623	195,417	181,640	200,015						
12/31/2017	35,372	99,307	175,891	379,815							
12/31/2018	102,906	269,840	562,930								
12/31/2019	122,835	368,206									
12/31/2020	187,605										

  

<u>A.Y.E</u>	<u>147 Months</u>	<u>159 Months</u>	<u>171 Months</u>	<u>183 Months</u>	<u>195 Months</u>	<u>207 Months</u>	<u>219 Months</u>	<u>231 Months</u>	<u>243 Months</u>
12/31/2001	1,201,640	1,258,661	1,267,568	1,273,629	1,284,423	1,295,127	1,300,532	1,316,443	1,355,879
12/31/2002	829,174	829,174	829,174	829,174	829,174	829,174	829,174	829,174	
12/31/2003	1,818,578	1,818,578	1,818,578	1,818,578	1,818,578	1,818,578	1,818,578		
12/31/2004	850,007	850,007	850,007	850,007	850,007	850,007			
12/31/2005	794,927	799,951	799,951	799,951	799,951				
12/31/2006	1,846,048	1,927,174	1,801,426	1,806,426					
12/31/2007	1,398,312	1,398,312	1,398,312						
12/31/2008	2,205,648	2,205,648							
12/31/2009	1,513,331								

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

\$100,000 Basic Limit Losses as of :

<u>A.Y.E.</u>	<u>15 Months</u>	<u>27 Months</u>	<u>39 Months</u>	<u>51 Months</u>	<u>63 Months</u>	<u>75 Months</u>	<u>87 Months</u>	<u>99 Months</u>	<u>111 Months</u>	<u>123 Months</u>	<u>135 Months</u>
12/31/2001	3,147,078	6,896,988	8,875,281	10,046,243	10,620,531	10,703,951	10,537,468	10,264,845	10,160,243	10,055,790	10,073,660
12/31/2002	3,349,953	7,504,472	9,980,311	10,739,114	11,413,833	11,434,178	11,751,055	11,912,776	12,182,408	12,243,705	12,289,423
12/31/2003	3,649,739	6,374,007	9,855,117	10,643,030	10,242,425	10,113,158	9,882,735	9,868,429	9,834,268	9,874,169	9,925,179
12/31/2004	4,757,435	7,076,456	10,018,649	11,038,981	10,911,750	10,393,111	10,691,625	10,728,349	10,632,689	10,647,852	10,752,710
12/31/2005	4,388,186	7,349,450	10,380,236	11,465,857	11,224,487	11,436,013	11,806,649	11,841,938	11,764,344	11,856,280	11,811,195
12/31/2006	4,372,298	8,089,789	12,492,545	12,978,217	13,081,177	13,131,237	13,054,276	13,267,905	13,295,194	13,209,873	13,136,763
12/31/2007	4,250,969	8,135,511	11,041,182	12,209,314	12,449,290	12,387,300	12,262,055	12,457,694	12,654,602	12,440,127	12,420,714
12/31/2008	4,477,051	8,264,530	11,488,937	12,110,190	11,987,286	11,962,581	12,556,381	12,168,790	12,203,692	12,176,916	12,347,240
12/31/2009	4,907,998	7,752,213	10,808,572	11,576,578	11,824,807	12,292,444	11,997,164	11,984,581	11,870,178	11,711,846	11,647,048
12/31/2010	4,721,679	9,336,500	11,545,716	13,188,578	14,357,791	14,498,891	14,053,221	14,009,560	13,901,793	13,754,381	13,741,641
12/31/2011	4,620,940	7,448,310	11,185,270	13,258,681	13,188,819	12,167,277	12,217,175	12,158,853	12,121,262	12,249,695	
12/31/2012	3,302,219	7,262,096	12,634,510	12,536,192	12,812,144	12,943,715	12,617,561	12,462,532	12,485,530		
12/31/2013	4,009,181	9,369,084	11,434,028	12,651,725	13,042,877	12,917,785	13,175,334	13,140,939			
12/31/2014	5,251,712	8,139,870	11,970,780	12,429,496	12,296,522	11,667,914	12,184,968				
12/31/2015	4,203,829	7,522,589	11,691,801	12,434,112	12,525,633	12,383,350					
12/31/2016	2,785,029	7,659,646	11,294,119	12,635,136	12,508,438						
12/31/2017	3,924,898	7,829,465	11,188,746	12,973,593							
12/31/2018	4,458,937	8,768,380	13,200,319								
12/31/2019	5,322,602	9,847,022									
12/31/2020	4,903,960										

  

<u>A.Y.E.</u>	<u>147 Months</u>	<u>159 Months</u>	<u>171 Months</u>	<u>183 Months</u>	<u>195 Months</u>	<u>207 Months</u>	<u>219 Months</u>	<u>231 Months</u>	<u>243 Months</u>
12/31/2001	10,144,561	10,148,345	10,185,387	10,228,594	10,205,230	10,175,029	10,270,074	10,275,530	10,275,531
12/31/2002	12,227,628	12,258,161	12,402,395	12,403,105	12,390,567	12,434,695	12,434,695	12,405,696	
12/31/2003	9,960,683	9,973,730	10,012,480	9,992,481	9,992,981	9,965,981	9,961,119		
12/31/2004	10,813,480	11,009,940	10,949,224	10,956,225	10,982,059	10,953,548			
12/31/2005	11,704,456	11,661,548	11,600,207	11,585,072	11,571,475				
12/31/2006	13,138,757	13,131,204	13,128,204	13,156,954					
12/31/2007	12,445,209	12,358,881	12,354,882						
12/31/2008	12,269,716	12,290,022							
12/31/2009	11,646,625								

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

	Link Ratios										
A.Y.E.	<u>27:15</u>	<u>39:27</u>	<u>51:39</u>	<u>63:51</u>	<u>75:63</u>	<u>87:75</u>	<u>99:87</u>	<u>111:99</u>	<u>123:111</u>	<u>135:123</u>	<u>147:135</u>
12/31/2001	2.192	1.287	1.132	1.057	1.008	0.984	0.974	0.990	0.990	1.002	1.007
12/31/2002	2.240	1.330	1.076	1.063	1.002	1.028	1.014	1.023	1.005	1.004	0.995
12/31/2003	1.746	1.546	1.080	0.962	0.987	0.977	0.999	0.997	1.004	1.005	1.004
12/31/2004	1.487	1.416	1.102	0.988	0.952	1.029	1.003	0.991	1.001	1.010	1.006
12/31/2005	1.675	1.412	1.105	0.979	1.019	1.032	1.003	0.993	1.008	0.996	0.991
12/31/2006	1.850	1.544	1.039	1.008	1.004	0.994	1.016	1.002	0.994	0.994	1.000
12/31/2007	1.914	1.357	1.106	1.020	0.995	0.990	1.016	1.016	0.983	0.998	1.002
12/31/2008	1.846	1.390	1.054	0.990	0.998	1.050	0.969	1.003	0.998	1.014	0.994
12/31/2009	1.580	1.394	1.071	1.021	1.040	0.976	0.999	0.990	0.987	0.994	1.000
12/31/2010	1.977	1.237	1.142	1.089	1.010	0.969	0.997	0.992	0.989	0.999	
12/31/2011	1.612	1.502	1.185	0.995	0.923	1.004	0.995	0.997	1.011		
12/31/2012	2.199	1.740	0.992	1.022	1.010	0.975	0.988	1.002			
12/31/2013	2.337	1.220	1.106	1.031	0.990	1.020	0.997				
12/31/2014	1.550	1.471	1.038	0.989	0.949	1.044					
12/31/2015	1.789	1.554	1.063	1.007	0.989						
12/31/2016	2.750	1.474	1.119	0.990							
12/31/2017	1.995	1.429	1.160								
12/31/2018	1.966	1.505									
12/31/2019	1.850										
3 Yr Mean	1.937	1.469	1.114	0.995	0.976	1.013	0.993	0.997	0.996	1.002	0.999
Best 3/5	1.937	1.483	1.096	1.006	0.976	1.000	0.996	0.997	0.991	0.997	0.998
A.Y.E.	<u>159:147</u>	<u>171:159</u>	<u>183:171</u>	<u>195:183</u>	<u>207:195</u>	<u>219:207</u>	<u>231:219</u>	<u>243:231</u>			
12/31/2001	1.000	1.004	1.004	0.998	0.997	1.009	1.001	1.000			
12/31/2002	1.002	1.012	1.000	0.999	1.004	1.000	0.998	<b>1.000</b>			
12/31/2003	1.001	1.004	0.998	1.000	0.997	1.000	<b>1.000</b>	<b>1.000</b>			
12/31/2004	1.018	0.994	1.001	1.002	0.997	<b>0.998</b>	<b>1.000</b>	<b>1.000</b>			
12/31/2005	0.996	0.995	0.999	0.999	<b>0.999</b>	<b>0.998</b>	<b>1.000</b>	<b>1.000</b>			
12/31/2006	0.999	1.000	1.002								
12/31/2007	0.993	1.000									
12/31/2008	1.002										
3 Yr Mean	0.998	0.998	1.001	1.000	0.999	1.003	1.000	1.000			
Best 3/5	0.999	0.998	1.000	0.999	0.998	0.999	1.000	1.000			
A.Y.E.	<u>15/ 27</u>	<u>27/ 39</u>	<u>39/ 51</u>	<u>51/ 63</u>	<u>63/ 75</u>	<u>75/ 87</u>	<u>87/ 99</u>	<u>99/111</u>	<u>111/123</u>	<u>123/135</u>	<u>135/147</u>
12/31/2016					0.976	1.000	0.996	0.997	0.991	0.997	0.998
12/31/2017				1.006	0.976	1.000	0.996	0.997	0.991	0.997	0.998
12/31/2018			1.096	1.006	0.976	1.000	0.996	0.997	0.991	0.997	0.998
12/31/2019		1.483	1.096	1.006	0.976	1.000	0.996	0.997	0.991	0.997	0.998
12/31/2020	1.937	1.483	1.096	1.006	0.976	1.000	0.996	0.997	0.991	0.997	0.998
A.Y.E.	<u>147/159</u>	<u>159/171</u>	<u>171/183</u>	<u>183/195</u>	<u>195/207</u>	<u>207/219</u>	<u>219/231</u>	<u>231/243</u>	<u>243/Ult</u>		<u>FACTORS</u>
12/31/2016	0.999	0.998	1.000	0.999	0.998	0.999	1.000	1.000	<b>1.000</b>		0.949
12/31/2017	0.999	0.998	1.000	0.999	0.998	0.999	1.000	1.000	<b>1.000</b>		0.955
12/31/2018	0.999	0.998	1.000	0.999	0.998	0.999	1.000	1.000	<b>1.000</b>		1.046
12/31/2019	0.999	0.998	1.000	0.999	0.998	0.999	1.000	1.000	<b>1.000</b>		1.552
12/31/2020	0.999	0.998	1.000	0.999	0.998	0.999	1.000	1.000	<b>1.000</b>		3.006

**Bold - Calculated Using Modified Bondy Method**

*Italics - Three year mean Excludes Modified Bondy ratios*

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

\$100,000 Basic Limit Losses as of :

<u>A.Y.E.</u>	<u>15 Months</u>	<u>27 Months</u>	<u>39 Months</u>	<u>51 Months</u>	<u>63 Months</u>	<u>75 Months</u>	<u>87 Months</u>	<u>99 Months</u>	<u>111 Months</u>	<u>123 Months</u>	<u>135 Months</u>
12/31/2001	331,894	642,993	891,446	943,561	882,283	963,065	1,220,418	1,318,635	1,270,385	1,257,585	1,164,385
12/31/2002	225,354	646,851	1,121,880	1,161,679	1,371,028	1,358,582	1,669,785	1,719,785	1,543,703	1,465,428	1,394,929
12/31/2003	319,688	867,685	1,374,084	1,263,628	1,219,547	1,322,289	1,324,395	1,348,895	1,328,895	1,328,895	1,352,495
12/31/2004	284,812	636,773	1,044,764	1,067,600	1,106,950	1,026,146	861,035	872,832	906,232	884,332	837,232
12/31/2005	665,915	1,017,993	968,996	915,985	1,102,338	946,460	1,048,014	1,050,014	1,013,114	1,152,023	1,097,448
12/31/2006	817,591	1,004,431	1,254,396	1,371,221	1,366,873	1,198,455	1,173,454	1,394,054	1,533,505	1,479,003	1,380,004
12/31/2007	288,668	836,360	809,251	945,480	1,038,731	1,151,931	1,091,573	1,084,398	1,060,094	1,059,595	1,107,645
12/31/2008	265,445	613,754	655,194	751,041	790,573	969,521	1,005,477	1,143,224	1,156,271	1,093,813	1,092,813
12/31/2009	469,799	950,400	1,066,692	1,261,251	1,154,740	1,304,076	1,245,109	1,194,244	1,135,243	1,250,243	1,234,992
12/31/2010	605,422	724,803	1,278,524	1,684,083	1,425,178	1,358,704	1,283,414	1,329,915	1,424,986	1,424,976	1,424,876
12/31/2011	269,705	719,252	1,177,704	1,637,063	1,670,108	1,554,490	1,554,490	1,553,490	1,553,490	1,553,490	
12/31/2012	375,511	1,139,347	1,248,916	1,495,270	1,496,600	1,542,453	1,539,953	1,559,951	1,559,953		
12/31/2013	1,675,399	2,417,513	2,509,315	2,520,332	2,566,081	2,666,580	2,780,580	2,744,447			
12/31/2014	1,846,961	2,365,649	2,733,796	3,042,055	3,126,374	3,079,274	3,024,274				
12/31/2015	979,370	1,452,033	1,836,642	2,324,453	2,231,757	2,134,218					
12/31/2016	1,105,680	2,275,257	2,744,185	2,914,915	3,438,469						
12/31/2017	576,754	1,929,511	2,434,708	2,835,370							
12/31/2018	867,279	1,817,140	2,006,443								
12/31/2019	1,145,940	1,987,525									
12/31/2020	675,886										

<u>A.Y.E.</u>	<u>147 Months</u>	<u>159 Months</u>	<u>171 Months</u>	<u>183 Months</u>	<u>195 Months</u>	<u>207 Months</u>	<u>219 Months</u>	<u>231 Months</u>	<u>243 Months</u>
12/31/2001	1,164,386	1,164,389	1,207,386	1,167,385	1,167,386	1,192,386	1,192,385	1,192,385	1,250,225
12/31/2002	1,354,028	1,358,930	1,357,862	1,357,861	1,357,861	1,457,860	1,457,860	1,457,860	
12/31/2003	1,350,395	1,327,895	1,327,396	1,327,396	1,427,395	1,427,395	1,427,395		
12/31/2004	836,133	836,034	836,033	936,032	936,032	936,032			
12/31/2005	1,137,449	1,137,448	1,197,697	1,197,447	1,197,447				
12/31/2006	1,338,754	1,438,751	1,438,751	1,438,751					
12/31/2007	1,316,644	1,216,644	1,316,183						
12/31/2008	1,087,813	1,087,902							
12/31/2009	1,234,992								

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

Link Ratios											
A.Y.E.	<u>27:15</u>	<u>39:27</u>	<u>51:39</u>	<u>63:51</u>	<u>75:63</u>	<u>87:75</u>	<u>99:87</u>	<u>111:99</u>	<u>123:111</u>	<u>135:123</u>	<u>147:135</u>
12/31/2001	1.937	1.386	1.058	0.935	1.092	1.267	1.080	0.963	0.990	0.926	1.000
12/31/2002	2.870	1.734	1.035	1.180	0.991	1.229	1.030	0.898	0.949	0.952	0.971
12/31/2003	2.714	1.584	0.920	0.965	1.084	1.002	1.018	0.985	1.000	1.018	0.998
12/31/2004	2.236	1.641	1.022	1.037	0.927	0.839	1.014	1.038	0.976	0.947	0.999
12/31/2005	1.529	0.952	0.945	1.203	0.859	1.107	1.002	0.965	1.137	0.953	1.036
12/31/2006	1.229	1.249	1.093	0.997	0.877	0.979	1.188	1.100	0.964	0.933	0.970
12/31/2007	2.897	0.968	1.168	1.099	1.109	0.948	0.993	0.978	1.000	1.045	1.189
12/31/2008	2.312	1.068	1.146	1.053	1.226	1.037	1.137	1.011	0.946	0.999	0.995
12/31/2009	2.023	1.122	1.182	0.916	1.129	0.955	0.959	0.951	1.101	0.988	1.000
12/31/2010	1.197	1.764	1.317	0.846	0.953	0.945	1.036	1.071	1.000	1.000	
12/31/2011	2.667	1.637	1.390	1.020	0.931	1.000	0.999	1.000	1.000		
12/31/2012	3.034	1.096	1.197	1.001	1.031	0.998	1.013	1.000			
12/31/2013	1.443	1.038	1.004	1.018	1.039	1.043	0.987				
12/31/2014	1.281	1.156	1.113	1.028	0.985	0.982					
12/31/2015	1.483	1.265	1.266	0.960	0.956						
12/31/2016	2.058	1.206	1.062	1.180							
12/31/2017	3.345	1.262	1.165								
12/31/2018	2.095	1.104									
12/31/2019	1.734										
3 Yr Mean	2.391	1.191	1.164	1.056	0.993	1.008	1.000	1.024	1.034	0.996	1.061
Best 3/5	1.962	1.208	1.113	1.016	0.991	0.993	1.000	1.004	1.000	0.996	1.010
A.Y.E.	<u>159:147</u>	<u>171:159</u>	<u>183:171</u>	<u>195:183</u>	<u>207:195</u>	<u>219:207</u>	<u>231:219</u>	<u>243:231</u>			
12/31/2001	1.000	1.037	0.967	1.000	1.021	1.000	1.000	1.049			
12/31/2002	1.004	0.999	1.000	1.000	1.074	1.000	1.000	<b>1.000</b>			
12/31/2003	0.983	1.000	1.000	1.075	1.000	1.000	<b>1.001</b>	<b>1.000</b>			
12/31/2004	1.000	1.000	1.120	1.000	1.000	<b>1.007</b>	<b>1.001</b>	<b>1.000</b>			
12/31/2005	1.000	1.053	1.000	1.000	<b>1.000</b>	<b>1.007</b>	<b>1.001</b>	<b>1.000</b>			
12/31/2006	1.075	1.000	1.000								
12/31/2007	0.924	1.082									
12/31/2008	1.000										
3 Yr Mean	1.000	1.045	1.040	1.025	1.025	1.000	1.000	1.049			
Best 3/5	1.000	1.018	1.000	1.000	1.007	1.002	1.001	1.000			
Development From											
A.Y.E.	<u>15/ 27</u>	<u>27/ 39</u>	<u>39/ 51</u>	<u>51/ 63</u>	<u>63/ 75</u>	<u>75/ 87</u>	<u>87/ 99</u>	<u>99/111</u>	<u>111/123</u>	<u>123/135</u>	<u>135/147</u>
12/31/2016					0.991	0.993	1.000	1.004	1.000	0.996	1.010
12/31/2017				1.016	0.991	0.993	1.000	1.004	1.000	0.996	1.010
12/31/2018			1.113	1.016	0.991	0.993	1.000	1.004	1.000	0.996	1.010
12/31/2019		1.208	1.113	1.016	0.991	0.993	1.000	1.004	1.000	0.996	1.010
12/31/2020	1.962	1.208	1.113	1.016	0.991	0.993	1.000	1.004	1.000	0.996	1.010
A.Y.E	<u>147/159</u>	<u>159/171</u>	<u>171/183</u>	<u>183/195</u>	<u>195/207</u>	<u>207/219</u>	<u>219/231</u>	<u>231/243</u>	<u>243/Ult</u>	FACTORS	
12/31/2016	1.000	1.018	1.000	1.000	1.007	1.002	1.001	1.000	<b>1.000</b>	1.022	
12/31/2017	1.000	1.018	1.000	1.000	1.007	1.002	1.001	1.000	<b>1.000</b>	1.038	
12/31/2018	1.000	1.018	1.000	1.000	1.007	1.002	1.001	1.000	<b>1.000</b>	1.156	
12/31/2019	1.000	1.018	1.000	1.000	1.007	1.002	1.001	1.000	<b>1.000</b>	1.396	
12/31/2020	1.000	1.018	1.000	1.000	1.007	1.002	1.001	1.000	<b>1.000</b>	2.739	

**Bold - Calculated Using Modified Bondy Method**

*Italics - Three year mean Excludes Modified Bondy ratios*

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

Allocated Expenses as of:											
A.Y.E.	15 Months	27 Months	39 Months	51 Months	63 Months	75 Months	87 Months	99 Months	111 Months	123 Months	135 Months
12/31/2001	587,008	1,889,146	3,550,668	5,856,381	7,168,728	7,903,785	8,368,970	8,430,480	8,476,824	8,486,021	8,455,250
12/31/2002	1,169,551	2,994,987	5,043,148	8,627,618	9,206,538	10,741,552	11,085,391	11,348,295	11,550,940	11,510,641	11,589,123
12/31/2003	978,713	1,670,549	4,225,724	7,429,308	8,065,784	8,930,285	9,513,063	9,515,524	9,374,718	9,429,364	9,477,574
12/31/2004	605,893	1,765,678	4,948,425	7,044,470	8,755,722	9,738,470	10,829,488	10,640,917	10,721,914	10,765,369	11,088,647
12/31/2005	795,291	1,453,009	4,113,092	6,629,594	7,613,765	8,253,091	8,823,310	9,056,687	9,374,800	9,666,002	9,836,541
12/31/2006	753,264	3,271,051	6,642,171	8,422,745	10,008,218	11,121,786	11,745,290	12,140,359	12,550,559	12,481,640	12,461,226
12/31/2007	892,664	2,555,953	5,739,182	9,440,489	10,542,338	11,144,031	11,497,744	11,758,365	11,936,352	12,049,063	12,077,817
12/31/2008	905,373	2,341,590	4,945,922	6,895,236	8,759,533	9,970,868	10,696,605	11,106,782	11,817,706	15,072,696	14,865,306
12/31/2009	791,142	1,992,556	4,472,318	6,773,904	9,080,901	9,746,049	9,978,384	10,200,048	10,211,487	10,329,205	10,368,802
12/31/2010	828,815	2,796,424	5,490,319	8,295,620	10,683,400	11,725,172	12,584,338	12,717,929	13,101,614	13,166,352	13,173,837
12/31/2011	716,332	2,098,880	4,612,803	7,645,738	9,949,610	11,147,764	11,875,095	11,958,145	12,066,049	12,572,129	
12/31/2012	407,386	1,642,911	5,104,377	7,590,458	9,544,260	11,433,682	12,294,249	11,621,812			
12/31/2013	524,675	2,161,161	4,864,877	7,745,661	9,704,425	10,461,433	10,796,101				
12/31/2014	687,276	2,414,313	5,632,907	7,184,609	8,199,932	9,181,840	9,857,251				
12/31/2015	423,936	1,637,552	4,856,165	6,758,926	8,613,541	9,190,026					
12/31/2016	343,497	1,789,881	3,829,589	7,637,296	9,333,591						
12/31/2017	767,321	2,286,794	5,082,918	7,343,880							
12/31/2018	499,146	2,128,982	5,902,446								
12/31/2019	343,873	1,974,215									
12/31/2020	787,916										

A.Y.E	147 Months	159 Months	171 Months	183 Months	195 Months	207 Months	219 Months	231 Months	243 Months
12/31/2001	8,490,025	8,506,709	8,518,640	8,589,087	8,595,632	8,606,713	8,610,431	8,611,204	8,613,030
12/31/2002	11,658,074	11,845,145	11,933,595	12,047,508	12,061,447	12,320,222	12,365,952	12,400,714	
12/31/2003	9,588,860	9,626,494	9,703,795	9,677,192	9,692,609	9,707,134	9,707,260		
12/31/2004	11,269,026	11,378,607	11,423,036	11,467,881	11,422,482	11,439,868			
12/31/2005	9,976,851	10,204,331	10,281,292	10,156,135	10,131,900				
12/31/2006	12,568,087	12,556,168	12,565,616	12,581,947					
12/31/2007	12,075,337	12,131,961	12,119,116						
12/31/2008	15,085,073	15,099,176							
12/31/2009	10,413,826								

Link Ratios: 171 to Ultimate							
A.Y.E	183:171	195:183	207:195	219:207	231:219	243:231	Ult:243
12/31/2001	1.008	1.001	1.001	1.000	1.000	1.000	1.004
12/31/2002	1.010	1.001	1.021	1.004	1.003	1.001	1.004
12/31/2003	0.997	1.002	1.001	1.000	1.001	1.001	1.004
12/31/2004	1.004	0.996	1.002	1.001	1.001	1.001	1.004
12/31/2005	0.988	0.998	1.000	1.001	1.001	1.001	1.004
12/31/2006	1.001						
Best 3/5	1.001	1.000	1.001	1.001	1.001	1.001	1.004
171 to Ultimate Factor:			1.009				

**Bold - Calculated Using Modified Bondy Method**

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

Increments													
A.Y.E.	27:15	39:27	51:39	63:51	75:63	87:75	99:87	111:99	123:111	135:123	147:135	159:147	171:159
12/31/2001	1,302,138	1,661,522	2,305,713	1,312,347	735,057	465,185	61,510	46,344	9,197	-30,771	34,775	16,684	11,931
12/31/2002	1,825,436	2,048,161	3,584,470	578,920	1,535,014	343,839	262,904	202,645	-40,299	78,482	68,951	187,071	88,450
12/31/2003	691,836	2,555,175	3,203,584	636,476	864,501	582,778	2,461	-140,806	54,646	48,210	111,286	37,634	77,301
12/31/2004	1,159,785	3,182,747	2,096,045	1,711,252	982,748	1,091,018	-188,571	80,997	43,455	323,278	180,379	109,581	44,429
12/31/2005	657,718	2,660,083	2,516,502	984,171	639,326	570,219	233,377	318,113	291,202	170,539	140,310	227,480	76,961
12/31/2006	2,517,787	3,371,120	1,780,574	1,585,473	1,113,568	623,504	395,069	410,200	-68,919	-20,414	106,861	-11,919	9,448
12/31/2007	1,663,289	3,183,229	3,701,307	1,101,849	601,693	353,713	260,621	177,987	112,711	28,754	-2,480	56,624	-12,845
12/31/2008	1,436,217	2,604,332	1,949,314	1,864,297	1,211,335	725,737	410,177	710,924	3,254,990	-207,390	219,767	14,103	
12/31/2009	1,201,414	2,479,762	2,301,586	2,306,997	665,148	232,335	221,664	11,439	117,718	39,597	45,024		
12/31/2010	1,967,609	2,693,895	2,805,301	2,387,780	1,041,772	859,166	133,591	383,685	64,738	7,485			
12/31/2011	1,382,548	2,513,923	3,032,935	2,303,872	1,198,154	727,331	83,050	107,904	506,080				
12/31/2012	1,235,525	3,461,466	2,486,081	1,953,802	1,889,422	860,567	-672,437	29,209					
12/31/2013	1,636,486	2,703,716	2,880,784	1,958,764	757,008	334,668	152,866						
12/31/2014	1,727,037	3,218,594	1,551,702	1,015,323	981,908	675,411							
12/31/2015	1,213,616	3,218,613	1,902,761	1,854,615	576,485								
12/31/2016	1,446,384	2,039,708	3,807,707	1,696,295									
12/31/2017	1,519,473	2,796,124	2,260,962										
12/31/2018	1,629,836	3,773,464											
12/31/2019	1,630,342												

Incremental Percentages													
A.Y.E.	27:15	39:27	51:39	63:51	75:63	87:75	99:87	111:99	123:111	135:123	147:135	159:147	171:159
12/31/2001	0.0731	0.0932	0.1294	0.0736	0.0412	0.0261	0.0035	0.0026	0.0005	-0.0017	0.0020	0.0009	0.0007
12/31/2002	0.0765	0.0858	0.1501	0.0243	0.0643	0.0144	0.0110	0.0085	-0.0017	0.0033	0.0029	0.0078	0.0037
12/31/2003	0.0401	0.1481	0.1857	0.0369	0.0501	0.0338	0.0001	-0.0082	0.0032	0.0028	0.0065	0.0022	0.0045
12/31/2004	0.0618	0.1695	0.1117	0.0912	0.0523	0.0581	-0.0100	0.0043	0.0023	0.0172	0.0096	0.0058	0.0024
12/31/2005	0.0280	0.1131	0.1070	0.0418	0.0272	0.0242	0.0099	0.0135	0.0124	0.0072	0.0060	0.0097	0.0033
12/31/2006	0.0978	0.1310	0.0692	0.0616	0.0433	0.0242	0.0154	0.0159	-0.0027	-0.0008	0.0042	-0.0005	0.0004
12/31/2007	0.0742	0.1421	0.1652	0.0492	0.0269	0.0158	0.0116	0.0079	0.0050	0.0013	-0.0001	0.0025	-0.0006
12/31/2008	0.0628	0.1138	0.0852	0.0815	0.0530	0.0317	0.0179	0.0311	0.1423	-0.0091	0.0096	0.0006	
12/31/2009	0.0528	0.1089	0.1011	0.1014	0.0292	0.0102	0.0097	0.0005	0.0052	0.0017	0.0020		
12/31/2010	0.0812	0.1112	0.1158	0.0986	0.0430	0.0355	0.0055	0.0158	0.0027	0.0003			
12/31/2011	0.0639	0.1162	0.1402	0.1065	0.0554	0.0336	0.0038	0.0050	0.0234				
12/31/2012	0.0502	0.1405	0.1009	0.0793	0.0767	0.0349	-0.0273	0.0012					
12/31/2013	0.0715	0.1181	0.1258	0.0855	0.0331	0.0146	0.0067						
12/31/2014	0.0794	0.1479	0.0713	0.0467	0.0451	0.0310							
12/31/2015	0.0575	0.1525	0.0902	0.0879	0.0273								
12/31/2016	0.0625	0.0882	0.1646	0.0733									
12/31/2017	0.0624	0.1148	0.0928										
12/31/2018	0.0621	0.1437											
12/31/2019	0.0551												

Best 3/5	0.0607	0.1355	0.1029	0.0794	0.0445	0.0332	0.0053	0.0073	0.0112	0.0003	0.0041	0.0030	0.0020
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Completed Operations (Subline Code 336)  
 Full Coverage  
 Multistate  
 Property Damage - Occurrence  
 Incurred Accident Year Basic Limits Loss Development Excluding ALAE

\$100,000 Basic Limit Losses as of :

<u>A.Y.E.</u>	<u>15 Months</u>	<u>27 Months</u>	<u>39 Months</u>	<u>51 Months</u>	<u>63 Months</u>	<u>75 Months</u>	<u>87 Months</u>	<u>99 Months</u>	<u>111 Months</u>	<u>123 Months</u>	<u>135 Months</u>
12/31/2001	21,694,271	29,470,592	35,236,486	38,919,728	42,004,485	43,339,835	44,204,722	46,355,777	47,816,254	48,364,736	48,426,101
12/31/2002	23,637,624	31,121,739	34,846,238	39,483,093	40,004,694	40,604,716	42,862,894	44,983,999	45,975,996	45,795,168	46,214,900
12/31/2003	26,201,749	31,695,126	35,906,881	36,030,601	38,652,969	39,606,598	40,014,622	41,241,749	42,269,864	42,637,585	43,070,463
12/31/2004	27,384,419	33,738,819	37,142,156	40,712,115	42,675,406	44,996,525	47,198,175	48,323,145	50,022,357	50,869,911	52,212,795
12/31/2005	24,750,857	29,764,556	33,684,105	37,339,202	39,880,547	42,171,213	45,096,318	46,184,771	47,668,344	47,673,908	48,812,846
12/31/2006	31,546,804	37,542,733	43,522,899	48,436,290	53,685,739	55,079,412	56,352,523	56,074,945	56,975,101	57,885,315	59,807,457
12/31/2007	34,852,740	41,736,363	49,917,455	52,387,923	55,073,863	57,285,043	58,383,743	60,435,706	62,257,231	64,140,055	67,147,406
12/31/2008	45,367,350	52,451,927	58,241,620	61,200,600	62,466,988	64,159,032	66,160,860	67,542,596	75,790,432	84,138,435	79,183,267
12/31/2009	48,758,220	57,024,859	63,452,548	64,767,967	66,272,838	67,400,228	68,380,876	71,749,869	77,981,450	78,797,706	78,948,264
12/31/2010	48,144,654	57,184,103	60,770,797	62,719,875	64,866,587	66,667,089	68,576,409	71,159,136	72,652,956	73,266,775	73,711,795
12/31/2011	48,360,698	53,356,466	55,497,542	56,267,929	57,487,719	59,939,140	62,597,155	64,013,113	65,302,529	65,956,455	
12/31/2012	39,575,034	45,103,656	46,491,558	48,858,633	51,816,439	54,523,145	56,449,585	57,263,744	59,145,290		
12/31/2013	35,885,245	40,447,891	44,841,820	47,022,728	49,463,451	51,223,050	53,468,764	54,350,519			
12/31/2014	35,905,762	41,845,234	45,136,747	47,915,694	48,657,190	50,905,721	52,973,437				
12/31/2015	32,673,673	39,066,658	44,551,269	47,868,519	49,826,505	51,938,569					
12/31/2016	32,257,687	42,147,782	46,544,758	50,881,422	54,194,979						
12/31/2017	35,719,050	42,993,798	50,008,075	54,888,152							
12/31/2018	39,011,214	50,179,084	55,600,475								
12/31/2019	42,523,369	51,685,638									
12/31/2020	37,637,809										

<u>A.Y.E.</u>	<u>147 Months</u>	<u>159 Months</u>	<u>171 Months</u>	<u>183 Months</u>	<u>195 Months</u>	<u>207 Months</u>	<u>219 Months</u>	<u>231 Months</u>	<u>243 Months</u>
12/31/2001	48,861,292	48,755,670	49,055,620	49,278,862	49,245,437	49,384,046	49,682,439	49,569,521	49,586,742
12/31/2002	46,568,881	46,707,132	46,781,057	46,842,730	47,238,597	47,357,134	47,630,469	47,625,009	
12/31/2003	43,278,514	43,760,313	44,221,706	44,770,694	45,192,045	45,257,900	45,240,498		
12/31/2004	53,128,127	53,710,667	53,910,379	54,181,082	54,345,726	54,083,231			
12/31/2005	49,457,752	49,856,737	50,410,412	51,274,391	51,526,944				
12/31/2006	61,227,274	61,847,664	62,489,873	62,480,134					
12/31/2007	67,772,935	68,272,115	68,533,834						
12/31/2008	77,409,921	77,410,597							
12/31/2009	78,221,590								

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

Link Ratios											
A.Y.E.	<u>27:15</u>	<u>39:27</u>	<u>51:39</u>	<u>63:51</u>	<u>75:63</u>	<u>87:75</u>	<u>99:87</u>	<u>111:99</u>	<u>123:111</u>	<u>135:123</u>	<u>147:135</u>
12/31/2001	1.358	1.196	1.105	1.079	1.032	1.020	1.049	1.032	1.011	1.001	1.009
12/31/2002	1.317	1.120	1.133	1.013	1.015	1.056	1.049	1.022	0.996	1.009	1.008
12/31/2003	1.210	1.133	1.003	1.073	1.025	1.010	1.031	1.025	1.009	1.010	1.005
12/31/2004	1.232	1.101	1.096	1.048	1.054	1.049	1.024	1.035	1.017	1.026	1.018
12/31/2005	1.203	1.132	1.109	1.068	1.057	1.069	1.024	1.032	1.000	1.024	1.013
12/31/2006	1.190	1.159	1.113	1.108	1.026	1.023	0.995	1.016	1.016	1.033	1.024
12/31/2007	1.198	1.196	1.049	1.051	1.040	1.019	1.035	1.030	1.030	1.047	1.009
12/31/2008	1.156	1.110	1.051	1.021	1.027	1.031	1.021	1.122	1.110	0.941	0.978
12/31/2009	1.170	1.113	1.021	1.023	1.017	1.015	1.049	1.087	1.010	1.002	0.991
12/31/2010	1.188	1.063	1.032	1.034	1.028	1.029	1.038	1.021	1.008	1.006	
12/31/2011	1.103	1.040	1.014	1.022	1.043	1.044	1.023	1.020	1.010		
12/31/2012	1.140	1.031	1.051	1.061	1.052	1.035	1.014	1.033			
12/31/2013	1.127	1.109	1.049	1.052	1.036	1.044	1.016				
12/31/2014	1.165	1.079	1.062	1.015	1.046	1.041					
12/31/2015	1.196	1.140	1.074	1.041	1.042						
12/31/2016	1.307	1.104	1.093	1.065							
12/31/2017	1.204	1.163	1.098								
12/31/2018	1.286	1.108									
12/31/2019	1.215										
3 Yr Mean	1.235	1.125	1.088	1.040	1.041	1.040	1.018	1.025	1.009	0.983	0.993
Best 3/5	1.235	1.117	1.076	1.051	1.044	1.040	1.026	1.047	1.017	1.014	1.004
	<u>159:147</u>	<u>171:159</u>	<u>183:171</u>	<u>195:183</u>	<u>207:195</u>	<u>219:207</u>	<u>231:219</u>	<u>243:231</u>			
12/31/2001	0.998	1.006	1.005	0.999	1.003	1.006	0.998	1.000			
12/31/2002	1.003	1.002	1.001	1.008	1.003	1.006	1.000	<b>1.001</b>			
12/31/2003	1.011	1.011	1.012	1.009	1.001	1.000	<b>1.003</b>	<b>1.001</b>			
12/31/2004	1.011	1.004	1.005	1.003	0.995	<b>1.001</b>	<b>1.003</b>	<b>1.001</b>			
12/31/2005	1.008	1.011	1.017	1.005	<b>1.005</b>	<b>1.001</b>	<b>1.003</b>	<b>1.001</b>			
12/31/2006	1.010	1.010	1.000								
12/31/2007	1.007	1.004									
12/31/2008	1.000										
3 Yr Mean	1.006	1.008	1.007	1.006	1.000	1.004	0.999	1.000			
Best 3/5	1.008	1.008	1.006	1.005	1.002	1.003	1.002	1.001			
Development From											
A.Y.E.	<u>15/ 27</u>	<u>27/ 39</u>	<u>39/ 51</u>	<u>51/ 63</u>	<u>63/ 75</u>	<u>75/ 87</u>	<u>87/ 99</u>	<u>99/111</u>	<u>111/123</u>	<u>123/135</u>	<u>135/147</u>
12/31/2016					1.044	1.040	1.026	1.047	1.017	1.014	1.004
12/31/2017				1.051	1.044	1.040	1.026	1.047	1.017	1.014	1.004
12/31/2018			1.076	1.051	1.044	1.040	1.026	1.047	1.017	1.014	1.004
12/31/2019		1.117	1.076	1.051	1.044	1.040	1.026	1.047	1.017	1.014	1.004
12/31/2020	1.235	1.117	1.076	1.051	1.044	1.040	1.026	1.047	1.017	1.014	1.004
A.Y.E	<u>147/159</u>	<u>159/171</u>	<u>171/183</u>	<u>183/195</u>	<u>195/207</u>	<u>207/219</u>	<u>219/231</u>	<u>231/243</u>	<u>243/Ult</u>	FACTORS	
12/31/2016	1.008	1.008	1.006	1.005	1.002	1.003	1.002	1.001	<b>1.002</b>		1.253
12/31/2017	1.008	1.008	1.006	1.005	1.002	1.003	1.002	1.001	<b>1.002</b>		1.317
12/31/2018	1.008	1.008	1.006	1.005	1.002	1.003	1.002	1.001	<b>1.002</b>		1.417
12/31/2019	1.008	1.008	1.006	1.005	1.002	1.003	1.002	1.001	<b>1.002</b>		1.583
12/31/2020	1.008	1.008	1.006	1.005	1.002	1.003	1.002	1.001	<b>1.002</b>		1.955

**Bold - Calculated Using Modified Bondy Method**

*Italics - Three year mean Excludes Modified Bondy ratios*

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

\$100,000 Basic Limit Losses as of :											
A.Y.E.	<u>15 Months</u>	<u>27 Months</u>	<u>39 Months</u>	<u>51 Months</u>	<u>63 Months</u>	<u>75 Months</u>	<u>87 Months</u>	<u>99 Months</u>	<u>111 Months</u>	<u>123 Months</u>	<u>135 Months</u>
12/31/2001	3,365,915	5,389,121	7,367,580	10,071,047	13,342,921	16,562,164	21,295,801	22,675,702	25,144,800	25,215,873	26,734,003
12/31/2002	3,676,805	5,032,831	7,393,673	9,199,457	10,894,346	13,406,561	15,135,132	16,998,291	19,222,603	19,163,282	19,141,988
12/31/2003	4,139,071	5,996,345	7,577,894	8,315,101	9,628,599	10,242,686	11,222,184	11,909,571	12,610,424	13,475,443	13,403,727
12/31/2004	5,531,945	7,013,325	8,822,457	9,339,923	10,129,281	11,139,148	11,675,449	12,825,957	13,186,713	13,600,259	13,619,149
12/31/2005	6,243,231	8,613,646	9,251,326	9,862,337	11,167,316	11,601,076	11,990,413	12,660,562	13,269,106	13,033,195	13,352,821
12/31/2006	7,443,038	8,885,680	9,852,037	10,388,774	10,467,206	11,301,333	12,002,709	12,471,128	12,732,558	13,524,428	14,174,454
12/31/2007	9,263,565	11,325,441	11,711,109	12,118,200	12,546,034	13,040,706	14,141,714	14,836,898	15,490,285	16,738,878	16,796,707
12/31/2008	8,630,846	11,474,394	13,627,323	13,769,236	14,623,105	15,468,541	16,438,727	16,929,475	17,818,799	17,869,591	18,405,339
12/31/2009	7,758,903	10,000,228	11,347,289	12,076,299	13,034,983	14,275,279	15,206,568	15,642,102	16,209,001	16,760,269	17,111,924
12/31/2010	8,667,708	10,215,270	10,497,232	11,355,205	12,108,370	12,322,170	12,737,910	13,609,270	13,866,609	14,054,347	14,156,797
12/31/2011	8,161,142	9,986,059	10,967,778	11,060,068	11,803,259	12,498,410	12,978,802	13,419,266	13,331,522	13,434,913	
12/31/2012	7,642,572	8,989,149	9,728,923	10,152,337	11,548,065	12,207,963	12,478,795	13,541,902	13,590,252		
12/31/2013	10,233,846	12,061,338	12,734,079	13,564,759	14,180,554	14,855,246	15,535,915	15,831,738			
12/31/2014	10,258,090	12,071,350	13,798,425	15,331,225	16,104,533	16,992,936	17,777,822				
12/31/2015	12,325,124	15,287,294	16,231,829	16,887,946	18,285,651	19,501,878					
12/31/2016	13,135,079	15,174,420	17,563,956	19,010,219	20,767,980						
12/31/2017	11,835,384	14,246,477	17,148,263	19,197,866							
12/31/2018	12,949,411	15,971,064	19,287,764								
12/31/2019	10,437,734	14,018,654									
12/31/2020	8,747,976										

  

A.Y.E.	<u>147 Months</u>	<u>159 Months</u>	<u>171 Months</u>	<u>183 Months</u>	<u>195 Months</u>	<u>207 Months</u>	<u>219 Months</u>	<u>231 Months</u>	<u>243 Months</u>
12/31/2001	26,893,100	27,001,945	26,614,387	26,523,762	26,350,855	26,414,102	26,346,552	26,328,552	26,328,552
12/31/2002	19,451,097	19,252,890	18,957,054	18,726,926	18,805,818	18,801,614	18,836,615	18,816,614	
12/31/2003	13,250,211	13,450,781	13,104,289	13,055,595	13,000,589	13,000,589	13,001,589		
12/31/2004	13,544,652	13,714,136	13,719,381	13,707,775	13,638,848	13,627,849			
12/31/2005	13,901,423	14,105,739	14,284,371	14,317,252	14,312,150				
12/31/2006	14,272,138	14,398,165	14,677,540	14,498,537					
12/31/2007	16,943,918	17,173,941	17,355,676						
12/31/2008	18,602,924	19,107,648							
12/31/2009	17,335,779								

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

	Link Ratios										
A.Y.E.	<u>27:15</u>	<u>39:27</u>	<u>51:39</u>	<u>63:51</u>	<u>75:63</u>	<u>87:75</u>	<u>99:87</u>	<u>111:99</u>	<u>123:111</u>	<u>135:123</u>	<u>147:135</u>
12/31/2001	1.601	1.367	1.367	1.325	1.241	1.286	1.065	1.109	1.003	1.060	1.006
12/31/2002	1.369	1.469	1.244	1.184	1.231	1.129	1.123	1.131	0.997	0.999	1.016
12/31/2003	1.449	1.264	1.097	1.158	1.064	1.096	1.061	1.059	1.069	0.995	0.989
12/31/2004	1.268	1.258	1.059	1.085	1.100	1.048	1.099	1.028	1.031	1.001	0.995
12/31/2005	1.380	1.074	1.066	1.132	1.039	1.034	1.056	1.048	0.982	1.025	1.041
12/31/2006	1.194	1.109	1.054	1.008	1.080	1.062	1.039	1.021	1.062	1.048	1.007
12/31/2007	1.223	1.034	1.035	1.035	1.039	1.084	1.049	1.044	1.081	1.003	1.009
12/31/2008	1.329	1.188	1.010	1.062	1.058	1.063	1.030	1.053	1.003	1.030	1.011
12/31/2009	1.289	1.135	1.064	1.079	1.095	1.065	1.029	1.036	1.034	1.021	1.013
12/31/2010	1.179	1.028	1.082	1.066	1.018	1.034	1.068	1.019	1.014	1.007	
12/31/2011	1.224	1.098	1.008	1.067	1.059	1.038	1.034	0.993	1.008		
12/31/2012	1.176	1.082	1.044	1.137	1.057	1.022	1.085	1.004			
12/31/2013	1.179	1.056	1.065	1.045	1.048	1.046	1.019				
12/31/2014	1.177	1.143	1.111	1.050	1.055	1.046					
12/31/2015	1.240	1.062	1.040	1.083	1.067						
12/31/2016	1.155	1.157	1.082	1.092							
12/31/2017	1.204	1.204	1.120								
12/31/2018	1.233	1.208									
12/31/2019	1.343										
3 Yr Mean	1.260	1.190	1.081	1.075	1.057	1.038	1.046	1.005	1.019	1.019	1.011
Best 3/5	1.226	1.168	1.086	1.075	1.057	1.039	1.044	1.020	1.019	1.019	1.011
A.Y.E.	<u>159:147</u>	<u>171:159</u>	<u>183:171</u>	<u>195:183</u>	<u>207:195</u>	<u>219:207</u>	<u>231:219</u>	<u>243:231</u>			
12/31/2001	1.004	0.986	0.997	0.993	1.002	0.997	0.999	1.000			
12/31/2002	0.990	0.985	0.988	1.004	1.000	1.002	0.999	<b>1.000</b>			
12/31/2003	1.015	0.974	0.996	0.996	1.000	1.000	<b>1.000</b>	<b>1.000</b>			
12/31/2004	1.013	1.000	0.999	0.995	0.999	<b>1.000</b>	<b>1.000</b>	<b>1.000</b>			
12/31/2005	1.015	1.013	1.002	1.000	<b>0.998</b>	<b>1.000</b>	<b>1.000</b>	<b>1.000</b>			
12/31/2006	1.009	1.019	0.988								
12/31/2007	1.014	1.011									
12/31/2008	1.027										
3 Yr Mean	1.017	1.014	0.996	0.997	1.000	1.000	0.999	1.000			
Best 3/5	1.014	1.008	0.994	0.997	1.000	1.000	1.000	1.000			
A.Y.E.	<u>15/ 27</u>	<u>27/ 39</u>	<u>39/ 51</u>	<u>51/ 63</u>	Development From		<u>87/ 99</u>	<u>99/111</u>	<u>111/123</u>	<u>123/135</u>	<u>135/147</u>
12/31/2016					<u>63/ 75</u>	<u>75/ 87</u>					
12/31/2017				1.075	1.057	1.039	1.044	1.020	1.019	1.019	1.011
12/31/2018			1.086	1.075	1.057	1.039	1.044	1.020	1.019	1.019	1.011
12/31/2019		1.168	1.086	1.075	1.057	1.039	1.044	1.020	1.019	1.019	1.011
12/31/2020	1.226	1.168	1.086	1.075	1.057	1.039	1.044	1.020	1.019	1.019	1.011
A.Y.E	<u>147/159</u>	<u>159/171</u>	<u>171/183</u>	<u>183/195</u>	<u>195/207</u>	<u>207/219</u>	<u>219/231</u>	<u>231/243</u>	<u>243/Ult</u>		FACTORS
12/31/2016	1.014	1.008	0.994	0.997	1.000	1.000	1.000	1.000	<b>0.999</b>		1.242
12/31/2017	1.014	1.008	0.994	0.997	1.000	1.000	1.000	1.000	<b>0.999</b>		1.336
12/31/2018	1.014	1.008	0.994	0.997	1.000	1.000	1.000	1.000	<b>0.999</b>		1.450
12/31/2019	1.014	1.008	0.994	0.997	1.000	1.000	1.000	1.000	<b>0.999</b>		1.694
12/31/2020	1.014	1.008	0.994	0.997	1.000	1.000	1.000	1.000	<b>0.999</b>		2.077

**Bold - Calculated Using Modified Bondy Method**

*Italics - Three year mean Excludes Modified Bondy ratios*

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

Allocated Expenses as of:											
A.Y.E.	15 Months	27 Months	39 Months	51 Months	63 Months	75 Months	87 Months	99 Months	111 Months	123 Months	135 Months
12/31/2001	3,358,272	6,842,015	12,409,962	17,980,219	22,940,217	28,964,795	35,159,431	40,176,934	44,084,558	46,131,926	47,113,008
12/31/2002	2,740,834	6,154,695	12,229,276	17,426,828	21,139,242	24,115,543	27,844,067	31,235,814	34,335,555	36,046,222	36,974,365
12/31/2003	3,498,017	6,923,098	12,164,508	17,399,135	21,429,416	25,804,680	28,273,383	30,835,977	32,623,350	35,660,042	37,692,746
12/31/2004	3,029,219	6,333,761	12,520,261	18,602,924	23,016,177	27,492,211	33,448,727	38,061,920	43,116,631	46,698,138	50,993,158
12/31/2005	2,444,392	6,068,023	11,219,125	16,653,435	22,256,770	27,131,926	30,956,398	34,894,580	39,450,349	43,066,192	45,318,169
12/31/2006	3,863,618	7,449,616	15,067,535	22,125,041	29,068,461	34,483,990	40,204,674	43,927,237	50,818,935	53,344,031	56,637,205
12/31/2007	4,345,760	8,083,121	15,612,865	21,825,564	28,417,270	33,813,253	38,788,325	44,301,583	48,469,786	52,366,708	56,068,254
12/31/2008	5,277,458	11,397,571	19,661,879	30,229,882	38,556,829	44,836,185	49,092,882	51,734,763	55,758,315	58,957,119	61,671,419
12/31/2009	7,580,084	15,252,231	26,653,980	38,212,715	47,209,324	53,011,656	58,010,648	63,538,476	66,403,078	69,804,607	72,264,249
12/31/2010	6,070,744	14,022,386	24,820,620	36,089,197	42,774,677	48,465,486	53,417,248	55,784,234	58,885,237	59,869,341	60,859,047
12/31/2011	7,259,141	13,891,235	21,042,175	27,473,801	32,420,121	38,078,534	42,940,120	45,034,698	46,694,116	49,091,903	
12/31/2012	5,244,975	11,171,285	18,998,518	26,381,576	34,735,065	38,021,420	40,218,621	42,275,437	45,790,079		
12/31/2013	4,893,341	11,191,326	17,729,264	26,629,535	32,971,771	35,629,039	37,422,274	39,912,605			
12/31/2014	4,583,108	10,427,938	17,747,916	24,166,611	28,358,941	32,775,569	35,592,315				
12/31/2015	4,779,698	10,624,401	18,013,602	24,379,436	30,160,736	35,200,721					
12/31/2016	5,400,779	11,947,730	19,954,768	28,992,199	33,772,660						
12/31/2017	4,108,367	9,553,084	18,203,467	25,018,989							
12/31/2018	3,937,503	11,419,148	19,891,427								
12/31/2019	5,481,368	12,301,948									
12/31/2020	4,815,908										

	147 Months	159 Months	171 Months	183 Months	195 Months	207 Months	219 Months	231 Months	243 Months
12/31/2001	48,001,672	48,503,740	48,690,052	49,127,955	49,674,292	49,832,670	50,138,006	49,925,176	49,990,675
12/31/2002	38,273,601	39,660,495	40,194,432	40,942,575	41,623,025	42,006,578	41,945,441	41,963,322	
12/31/2003	39,045,666	39,642,150	40,566,310	41,334,714	41,524,852	42,137,734	42,384,458		
12/31/2004	54,920,521	57,348,604	58,476,094	58,787,152	59,050,230	59,202,988			
12/31/2005	46,566,782	47,867,350	48,638,840	49,383,047	50,021,227				
12/31/2006	58,655,373	60,233,394	60,189,787	60,657,851					
12/31/2007	57,654,066	59,002,386	59,080,465						
12/31/2008	64,085,245	65,665,913							
12/31/2009	73,744,161								

Link Ratios: 171 to Ultimate							
A.Y.E	183:171	195:183	207:195	219:207	231:219	243:231	Ult:243
12/31/2001	1.009	1.011	1.003	1.006	0.996	1.001	1.004
12/31/2002	1.019	1.017	1.009	0.999	1.000	1.002	1.004
12/31/2003	1.019	1.005	1.015	1.006	1.004	1.002	1.004
12/31/2004	1.005	1.004	1.003	1.004	1.004	1.002	1.004
12/31/2005	1.015	1.013	1.007	1.004	1.004	1.002	1.004
12/31/2006	1.008						
Best 3/5	1.014	1.010	1.006	1.005	1.003	1.002	1.004

171 to Ultimate Factor: 1.045

**Bold - Calculated Using Modified Bondy Method**

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

		Increments											
A.Y.E.	27:15	39:27	51:39	63:51	75:63	87:75	99:87	111:99	123:111	135:123	147:135	159:147	171:159
12/31/2001	3,483,743	5,567,947	5,570,257	4,959,998	6,024,578	6,194,636	5,017,503	3,907,624	2,047,368	981,082	888,664	502,068	186,312
12/31/2002	3,413,861	6,074,581	5,197,552	3,712,414	2,976,301	3,728,524	3,391,747	3,099,741	1,710,667	928,143	1,299,236	1,386,894	533,937
12/31/2003	3,425,081	5,241,410	5,234,627	4,030,281	4,375,264	2,468,703	2,562,594	1,787,373	3,036,692	2,032,704	1,352,920	596,484	924,160
12/31/2004	3,304,542	6,186,500	6,082,663	4,413,253	4,476,034	5,956,516	4,613,193	5,054,711	3,581,507	4,295,020	3,927,363	2,428,083	1,127,490
12/31/2005	3,623,631	5,151,102	5,434,310	5,603,335	4,875,156	3,824,472	3,938,182	4,555,769	3,615,843	2,251,977	1,248,613	1,300,568	771,490
12/31/2006	3,585,998	7,617,919	7,057,506	6,943,420	5,415,529	5,720,684	3,722,563	6,891,698	2,525,096	3,293,174	2,018,168	1,578,021	-43,607
12/31/2007	3,737,361	7,529,744	6,212,699	6,591,706	5,395,983	4,975,072	5,513,258	4,168,203	3,896,922	3,701,546	1,585,812	1,348,320	78,079
12/31/2008	6,120,113	8,264,308	10,568,003	8,326,947	6,279,356	4,256,697	2,641,881	4,023,552	3,198,804	2,714,300	2,413,826	1,580,668	
12/31/2009	7,672,147	11,401,749	11,558,735	8,996,609	5,802,332	4,998,992	5,527,828	2,864,602	3,401,529	2,459,642	1,479,912		
12/31/2010	7,951,642	10,798,234	11,268,577	6,685,480	5,690,809	4,951,762	2,366,986	3,101,003	984,104	989,706			
12/31/2011	6,632,094	7,150,940	6,431,626	4,946,320	5,658,413	4,861,586	2,094,578	1,659,418	2,397,787				
12/31/2012	5,926,310	7,827,233	7,383,058	8,353,489	3,286,355	2,197,201	2,056,816	3,514,642					
12/31/2013	6,297,985	6,537,938	8,900,271	6,342,236	2,657,268	1,793,235	2,490,331						
12/31/2014	5,844,830	7,319,978	6,418,695	4,192,330	4,416,628	2,816,746							
12/31/2015	5,844,703	7,389,201	6,365,834	5,781,300	5,039,985								
12/31/2016	6,546,951	8,007,038	9,037,431	4,780,461									
12/31/2017	5,444,717	8,650,383	6,815,522										
12/31/2018	7,481,645	8,472,279											
12/31/2019	6,820,580												

		Incremental Percentages											
A.Y.E.	27:15	39:27	51:39	63:51	75:63	87:75	99:87	111:99	123:111	135:123	147:135	159:147	171:159
12/31/2001	0.0488	0.0779	0.0780	0.0694	0.0843	0.0867	0.0702	0.0547	0.0287	0.0137	0.0124	0.0070	0.0026
12/31/2002	0.0490	0.0872	0.0746	0.0533	0.0427	0.0535	0.0487	0.0445	0.0246	0.0133	0.0186	0.0199	0.0077
12/31/2003	0.0529	0.0810	0.0809	0.0623	0.0676	0.0381	0.0396	0.0276	0.0469	0.0314	0.0209	0.0092	0.0143
12/31/2004	0.0407	0.0761	0.0748	0.0543	0.0551	0.0733	0.0568	0.0622	0.0441	0.0528	0.0483	0.0299	0.0139
12/31/2005	0.0489	0.0695	0.0733	0.0756	0.0658	0.0516	0.0531	0.0615	0.0488	0.0304	0.0168	0.0175	0.0104
12/31/2006	0.0388	0.0823	0.0763	0.0750	0.0585	0.0618	0.0402	0.0745	0.0273	0.0356	0.0218	0.0171	-0.0005
12/31/2007	0.0381	0.0767	0.0633	0.0671	0.0550	0.0507	0.0562	0.0425	0.0397	0.0377	0.0162	0.0137	0.0008
12/31/2008	0.0532	0.0718	0.0918	0.0724	0.0546	0.0370	0.0230	0.0350	0.0278	0.0236	0.0210	0.0137	
12/31/2009	0.0647	0.0961	0.0975	0.0759	0.0489	0.0422	0.0466	0.0242	0.0287	0.0207	0.0125		
12/31/2010	0.0727	0.0988	0.1031	0.0612	0.0521	0.0453	0.0217	0.0284	0.0090	0.0091			
12/31/2011	0.0678	0.0731	0.0657	0.0506	0.0578	0.0497	0.0214	0.0170	0.0245				
12/31/2012	0.0663	0.0875	0.0826	0.0934	0.0368	0.0246	0.0230	0.0393					
12/31/2013	0.0706	0.0733	0.0997	0.0711	0.0298	0.0201	0.0279						
12/31/2014	0.0651	0.0815	0.0715	0.0467	0.0492	0.0314							
12/31/2015	0.0624	0.0788	0.0679	0.0617	0.0538								
12/31/2016	0.0687	0.0840	0.0948	0.0501									
12/31/2017	0.0541	0.0859	0.0677										
12/31/2018	0.0635	0.0720											
12/31/2019	0.0551												

Best 3/5	0.0603	0.0814	0.0781	0.0610	0.0466	0.0338	0.0242	0.0292	0.0270	0.0266	0.0180	0.0161	0.0084
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Local Products (Subline Code 336)  
 Full Coverage  
 Multistate  
 Bodily Injury - Occurrence  
 Incurred Accident Year Basic Limits Loss Development Excluding ALAE

\$100,000 Basic Limit Losses as of :

<u>A.Y.E.</u>	<u>15 Months</u>	<u>27 Months</u>	<u>39 Months</u>	<u>51 Months</u>	<u>63 Months</u>	<u>75 Months</u>	<u>87 Months</u>	<u>99 Months</u>	<u>111 Months</u>	<u>123 Months</u>	<u>135 Months</u>
12/31/2001	5,941,987	7,466,431	8,490,025	8,885,440	8,770,733	8,941,854	9,042,228	8,986,841	9,031,902	8,960,082	9,008,502
12/31/2002	6,310,455	7,659,113	9,148,926	10,254,755	10,358,149	10,260,676	10,057,780	10,027,762	10,027,962	10,027,640	10,130,141
12/31/2003	4,443,504	6,565,451	9,083,895	9,493,087	9,855,636	9,887,887	9,671,288	9,565,105	9,578,282	9,663,319	9,545,309
12/31/2004	5,198,797	6,553,459	7,915,913	8,542,668	8,341,018	8,090,404	8,156,566	7,999,394	8,047,361	8,068,362	8,039,797
12/31/2005	5,886,133	6,328,061	7,715,091	7,995,950	7,802,764	7,744,478	7,731,992	7,777,443	7,670,006	7,649,005	7,649,005
12/31/2006	5,109,004	6,178,644	7,561,117	7,492,478	7,376,246	7,252,189	7,065,367	7,091,205	7,152,705	7,152,705	7,152,705
12/31/2007	5,010,776	5,619,278	6,952,699	6,944,328	7,180,763	7,066,252	6,913,796	6,691,408	6,581,799	6,596,796	6,596,796
12/31/2008	5,733,899	6,843,792	7,697,791	7,577,473	7,318,031	7,334,850	7,357,767	7,239,016	7,239,016	7,233,016	7,233,016
12/31/2009	6,324,048	7,014,552	8,582,260	8,590,031	8,488,017	8,494,867	8,423,270	8,447,026	8,450,585	8,450,585	8,445,585
12/31/2010	7,034,396	8,333,938	10,024,444	10,144,631	10,436,273	10,272,827	10,227,461	10,225,517	10,225,517	10,220,127	10,224,630
12/31/2011	6,646,493	7,634,335	8,472,635	8,978,314	8,811,831	8,664,823	8,603,014	8,475,341	8,513,345	8,513,245	
12/31/2012	4,732,181	6,064,887	7,176,443	7,427,762	7,482,435	7,432,895	7,380,278	7,330,878	7,330,778		
12/31/2013	5,249,928	6,275,250	7,003,759	6,998,239	6,916,994	6,929,068	7,070,328	7,173,690			
12/31/2014	4,801,456	5,730,169	6,090,861	6,414,414	6,471,973	6,602,122	6,605,394				
12/31/2015	4,993,029	5,243,324	5,973,401	6,441,985	6,369,134	6,220,192					
12/31/2016	3,896,131	5,088,211	6,711,414	6,624,154	6,648,189						
12/31/2017	4,151,898	5,703,872	6,635,165	6,969,710							
12/31/2018	3,939,756	5,412,405	5,997,568								
12/31/2019	4,342,373	5,445,609									
12/31/2020	3,499,361										

<u>A.Y.E.</u>	<u>147 Months</u>	<u>159 Months</u>	<u>171 Months</u>	<u>183 Months</u>	<u>195 Months</u>	<u>207 Months</u>	<u>219 Months</u>	<u>231 Months</u>	<u>243 Months</u>
12/31/2001	9,004,261	9,003,261	9,025,161	8,983,661	8,964,026	8,939,786	8,946,786	8,942,926	8,976,534
12/31/2002	10,090,203	10,094,202	10,084,202	10,104,201	10,104,202	10,104,202	10,104,202	10,104,203	
12/31/2003	9,534,309	9,524,309	9,524,309	9,534,309	9,527,114	9,527,114	9,527,115		
12/31/2004	8,041,296	8,039,796	8,039,796	8,039,796	8,039,796	8,039,796			
12/31/2005	7,656,795	7,649,005	7,651,005	7,651,445	7,654,824				
12/31/2006	7,152,705	7,152,705	7,152,705	7,152,705					
12/31/2007	6,596,796	6,596,795	6,596,795						
12/31/2008	7,233,016	7,253,003							
12/31/2009	8,445,585								

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

Link Ratios											
A.Y.E.	<u>27:15</u>	<u>39:27</u>	<u>51:39</u>	<u>63:51</u>	<u>75:63</u>	<u>87:75</u>	<u>99:87</u>	<u>111:99</u>	<u>123:111</u>	<u>135:123</u>	<u>147:135</u>
12/31/2001	1.257	1.137	1.047	0.987	1.020	1.011	0.994	1.005	0.992	1.005	1.000
12/31/2002	1.214	1.195	1.121	1.010	0.991	0.980	0.997	1.000	1.000	1.010	0.996
12/31/2003	1.478	1.384	1.045	1.038	1.003	0.978	0.989	1.001	1.009	0.988	0.999
12/31/2004	1.261	1.208	1.079	0.976	0.970	1.008	0.981	1.006	1.003	0.996	1.000
12/31/2005	1.075	1.219	1.036	0.976	0.993	0.998	1.006	0.986	0.997	1.000	1.001
12/31/2006	1.209	1.224	0.991	0.984	0.983	0.974	1.004	1.009	1.000	1.000	1.000
12/31/2007	1.121	1.237	0.999	1.034	0.984	0.978	0.968	0.984	1.002	1.000	1.000
12/31/2008	1.194	1.125	0.984	0.966	1.002	1.003	0.984	1.000	0.999	1.000	1.000
12/31/2009	1.109	1.223	1.001	0.988	1.001	0.992	1.003	1.000	1.000	0.999	1.000
12/31/2010	1.185	1.203	1.012	1.029	0.984	0.996	1.000	1.000	0.999	1.000	
12/31/2011	1.149	1.110	1.060	0.981	0.983	0.993	0.985	1.004	1.000		
12/31/2012	1.282	1.183	1.035	1.007	0.993	0.993	0.993	1.000			
12/31/2013	1.195	1.116	0.999	0.988	1.002	1.020	1.015				
12/31/2014	1.193	1.063	1.053	1.009	1.020	1.000					
12/31/2015	1.050	1.139	1.078	0.989	0.977						
12/31/2016	1.306	1.319	0.987	1.004							
12/31/2017	1.374	1.163	1.050								
12/31/2018	1.374	1.108									
12/31/2019	1.254										
3 Yr Mean	1.334	1.197	1.038	1.001	1.000	1.004	0.998	1.001	1.000	1.000	1.000
Best 3/5	1.311	1.137	1.034	1.000	0.993	0.996	0.999	1.000	1.000	1.000	1.000
	<u>159:147</u>	<u>171:159</u>	<u>183:171</u>	<u>195:183</u>	<u>207:195</u>	<u>219:207</u>	<u>231:219</u>	<u>243:231</u>			
12/31/2001	1.000	1.002	0.995	0.998	0.997	1.001	1.000	1.004			
12/31/2002	1.000	0.999	1.002	1.000	1.000	1.000	1.000	<b>1.000</b>			
12/31/2003	0.999	1.000	1.001	0.999	1.000	1.000	<b>1.000</b>	<b>1.000</b>			
12/31/2004	1.000	1.000	1.000	1.000	1.000	<b>1.000</b>	<b>1.000</b>	<b>1.000</b>			
12/31/2005	0.999	1.000	1.000	1.000	<b>1.000</b>	<b>1.000</b>	<b>1.000</b>	<b>1.000</b>			
12/31/2006	1.000	1.000	1.000								
12/31/2007	1.000	1.000									
12/31/2008	1.003										
3 Yr Mean	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.004			
Best 3/5	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000			
Development From											
A.Y.E.	<u>15/ 27</u>	<u>27/ 39</u>	<u>39/ 51</u>	<u>51/ 63</u>	<u>63/ 75</u>	<u>75/ 87</u>	<u>87/ 99</u>	<u>99/111</u>	<u>111/123</u>	<u>123/135</u>	<u>135/147</u>
12/31/2016					0.993	0.996	0.999	1.000	1.000	1.000	1.000
12/31/2017				1.000	0.993	0.996	0.999	1.000	1.000	1.000	1.000
12/31/2018			1.034	1.000	0.993	0.996	0.999	1.000	1.000	1.000	1.000
12/31/2019		1.137	1.034	1.000	0.993	0.996	0.999	1.000	1.000	1.000	1.000
12/31/2020	1.311	1.137	1.034	1.000	0.993	0.996	0.999	1.000	1.000	1.000	1.000
A.Y.E	<u>147/159</u>	<u>159/171</u>	<u>171/183</u>	<u>183/195</u>	<u>195/207</u>	<u>207/219</u>	<u>219/231</u>	<u>231/243</u>	<u>243/Ult</u>	FACTORS	
12/31/2016	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	<b>1.000</b>		0.988
12/31/2017	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	<b>1.000</b>		0.988
12/31/2018	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	<b>1.000</b>		1.022
12/31/2019	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	<b>1.000</b>		1.162
12/31/2020	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	<b>1.000</b>		1.523

**Bold - Calculated Using Modified Bondy Method**

*Italics - Three year mean Excludes Modified Bondy ratios*



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

\$100,000 Basic Limit Losses as of :											
A.Y.E.	<u>15 Months</u>	<u>27 Months</u>	<u>39 Months</u>	<u>51 Months</u>	<u>63 Months</u>	<u>75 Months</u>	<u>87 Months</u>	<u>99 Months</u>	<u>111 Months</u>	<u>123 Months</u>	<u>135 Months</u>
12/31/2001	223,397	250,386	321,536	394,928	360,928	360,928	350,928	350,928	350,928	364,332	364,332
12/31/2002	338,196	409,774	364,366	472,857	463,103	424,364	424,363	424,363	424,363	424,363	424,363
12/31/2003	116,528	244,915	205,040	259,754	177,361	111,576	110,076	84,975	84,975	84,975	84,975
12/31/2004	697,843	657,590	1,063,635	1,241,071	845,010	846,290	823,891	823,890	823,890	823,890	823,890
12/31/2005	641,903	761,351	1,110,820	1,006,327	901,359	984,776	984,775	984,825	984,825	985,454	985,454
12/31/2006	419,639	866,466	845,510	721,656	744,439	743,882	743,882	743,882	743,882	743,882	743,882
12/31/2007	356,556	468,073	750,142	791,851	741,682	731,782	731,782	762,782	762,782	762,782	756,782
12/31/2008	526,684	424,649	539,111	421,590	352,812	346,242	345,742	345,742	345,742	345,742	345,742
12/31/2009	280,949	292,020	305,963	243,979	437,219	438,219	438,219	438,219	438,219	438,219	438,219
12/31/2010	430,140	332,606	294,229	281,729	287,729	287,729	287,729	281,729	281,729	281,729	281,729
12/31/2011	423,952	633,662	867,478	857,128	864,628	848,229	934,729	934,729	934,774	949,774	
12/31/2012	326,481	435,311	376,201	400,369	485,565	489,369	489,369	489,369	489,369		
12/31/2013	380,760	640,789	672,182	828,320	844,087	843,635	843,635	843,635			
12/31/2014	912,269	926,758	881,910	1,152,673	1,102,673	1,086,673	1,086,673				
12/31/2015	406,162	569,654	628,440	741,804	724,134	740,840					
12/31/2016	303,321	438,584	584,760	572,780	548,305						
12/31/2017	371,004	930,605	852,221	802,692							
12/31/2018	382,102	499,796	463,354								
12/31/2019	326,583	527,796									
12/31/2020	224,494										

  

A.Y.E.	<u>147 Months</u>	<u>159 Months</u>	<u>171 Months</u>	<u>183 Months</u>	<u>195 Months</u>	<u>207 Months</u>	<u>219 Months</u>	<u>231 Months</u>	<u>243 Months</u>
12/31/2001	364,332	349,933	396,275	396,275	371,275	367,074	450,928	505,828	506,828
12/31/2002	424,363	424,363	424,363	416,863	416,863	416,863	416,863	416,863	
12/31/2003	84,975	84,975	84,975	84,975	84,975	84,975	84,975		
12/31/2004	823,890	823,890	823,890	823,890	823,890	823,890			
12/31/2005	985,454	985,454	985,454	985,454	985,454				
12/31/2006	743,882	743,882	743,882	743,882					
12/31/2007	756,782	756,782	756,782						
12/31/2008	345,742	345,742							
12/31/2009	438,219								

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

Link Ratios											
A.Y.E.	<u>27:15</u>	<u>39:27</u>	<u>51:39</u>	<u>63:51</u>	<u>75:63</u>	<u>87:75</u>	<u>99:87</u>	<u>111:99</u>	<u>123:111</u>	<u>135:123</u>	<u>147:135</u>
12/31/2001	1.121	1.284	1.228	0.914	1.000	0.972	1.000	1.000	1.038	1.000	1.000
12/31/2002	1.212	0.889	1.298	0.979	0.916	0.974	1.000	1.000	1.000	1.000	1.000
12/31/2003	2.102	0.837	1.267	0.683	0.629	0.987	0.772	1.000	1.000	1.000	1.000
12/31/2004	0.942	1.617	1.167	0.681	1.002	0.974	1.000	1.000	1.000	1.000	1.000
12/31/2005	1.186	1.459	0.906	0.896	1.093	1.000	1.000	1.000	1.001	1.000	1.000
12/31/2006	2.065	0.976	0.854	1.032	0.999	1.000	1.000	1.000	1.000	1.000	1.000
12/31/2007	1.313	1.603	1.056	0.937	0.987	1.000	1.042	1.000	1.000	0.992	1.000
12/31/2008	0.806	1.270	0.782	0.837	0.981	0.999	1.000	1.000	1.000	1.000	1.000
12/31/2009	1.039	1.048	0.797	1.792	1.002	1.000	1.000	1.000	1.000	1.000	1.000
12/31/2010	0.773	0.885	0.958	1.021	1.000	1.000	0.979	1.000	1.000	1.000	
12/31/2011	1.495	1.369	0.988	1.009	0.981	1.102	1.000	1.000	1.016		
12/31/2012	1.333	0.864	1.064	1.213	1.008	1.000	1.000	1.000			
12/31/2013	1.683	1.049	1.232	1.019	0.999	1.000	1.000				
12/31/2014	1.016	0.952	1.307	0.957	0.985	1.000					
12/31/2015	1.403	1.103	1.180	0.976	1.023						
12/31/2016	1.446	1.333	0.980	0.957							
12/31/2017	2.508	0.916	0.942								
12/31/2018	1.308	0.927									
12/31/2019	1.616										
3 Yr Mean	1.811	1.059	1.034	0.963	1.002	1.000	1.000	1.000	1.005	1.000	1.000
Best 3/5	1.488	0.994	1.131	0.984	0.997	1.000	1.000	1.000	1.000	1.000	1.000
A.Y.E.	<u>159:147</u>	<u>171:159</u>	<u>183:171</u>	<u>195:183</u>	<u>207:195</u>	<u>219:207</u>	<u>231:219</u>	<u>243:231</u>			
12/31/2001	0.960	1.132	1.000	0.937	0.989	1.228	1.122	1.002			
12/31/2002	1.000	1.000	0.982	1.000	1.000	1.000	1.000	<b>1.000</b>			
12/31/2003	1.000	1.000	1.000	1.000	1.000	1.000	<b>1.000</b>	<b>1.000</b>			
12/31/2004	1.000	1.000	1.000	1.000	1.000	<b>1.000</b>	<b>1.000</b>	<b>1.000</b>			
12/31/2005	1.000	1.000	1.000	1.000	<b>1.000</b>	<b>1.000</b>	<b>1.000</b>	<b>1.000</b>			
12/31/2006	1.000	1.000	1.000								
12/31/2007	1.000	1.000									
12/31/2008	1.000										
3 Yr Mean	1.000	1.000	1.000	1.000	1.000	1.076	1.061	1.002			
Best 3/5	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000			
Development From											
A.Y.E.	<u>15/ 27</u>	<u>27/ 39</u>	<u>39/ 51</u>	<u>51/ 63</u>	<u>63/ 75</u>	<u>75/ 87</u>	<u>87/ 99</u>	<u>99/111</u>	<u>111/123</u>	<u>123/135</u>	<u>135/147</u>
12/31/2016					0.997	1.000	1.000	1.000	1.000	1.000	1.000
12/31/2017				0.984	0.997	1.000	1.000	1.000	1.000	1.000	1.000
12/31/2018			1.131	0.984	0.997	1.000	1.000	1.000	1.000	1.000	1.000
12/31/2019		0.994	1.131	0.984	0.997	1.000	1.000	1.000	1.000	1.000	1.000
12/31/2020	1.488	0.994	1.131	0.984	0.997	1.000	1.000	1.000	1.000	1.000	1.000
A.Y.E.	<u>147/159</u>	<u>159/171</u>	<u>171/183</u>	<u>183/195</u>	<u>195/207</u>	<u>207/219</u>	<u>219/231</u>	<u>231/243</u>	<u>243/Ult</u>		FACTORS
12/31/2016	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	<b>1.000</b>		0.997
12/31/2017	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	<b>1.000</b>		0.981
12/31/2018	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	<b>1.000</b>		1.110
12/31/2019	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	<b>1.000</b>		1.103
12/31/2020	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	<b>1.000</b>		1.641

**Bold - Calculated Using Modified Bondy Method**

*Italics - Three year mean Excludes Modified Bondy ratios*

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

Allocated Expenses as of:											
A.Y.E.	15 Months	27 Months	39 Months	51 Months	63 Months	75 Months	87 Months	99 Months	111 Months	123 Months	135 Months
12/31/2001	984,954	1,833,027	2,622,276	3,159,998	3,625,803	3,980,315	4,611,013	4,680,495	4,797,709	5,081,833	5,162,970
12/31/2002	1,616,219	2,417,425	3,764,901	4,488,428	5,499,743	5,822,779	5,918,429	6,054,363	6,110,418	6,122,105	6,216,055
12/31/2003	666,695	1,367,098	2,212,168	3,049,688	3,561,468	3,894,150	4,036,684	4,014,340	4,023,588	4,058,835	4,132,802
12/31/2004	660,629	1,335,789	2,271,675	2,902,071	3,426,898	3,646,486	3,784,653	3,926,261	3,936,468	3,935,683	3,936,428
12/31/2005	530,908	1,194,618	2,011,984	2,593,208	3,082,284	2,991,913	3,073,264	3,066,565	3,057,751	3,038,564	3,038,594
12/31/2006	586,774	1,486,848	2,471,427	3,670,163	4,531,814	4,846,914	4,991,766	4,963,139	4,996,262	4,991,583	4,991,583
12/31/2007	645,707	1,136,513	2,336,138	2,867,571	3,583,612	3,839,549	4,062,726	3,901,779	3,939,707	3,935,586	3,937,722
12/31/2008	639,311	1,309,090	2,425,710	3,183,749	3,482,394	3,546,322	3,588,086	3,599,248	3,599,248	3,598,591	3,598,591
12/31/2009	614,946	1,375,840	2,491,774	3,194,169	3,705,947	4,445,876	3,896,747	3,907,956	3,906,111	3,916,441	3,915,767
12/31/2010	842,247	1,807,794	3,180,116	4,517,573	5,675,957	5,789,305	5,720,332	5,724,589	5,728,478	5,739,565	5,740,616
12/31/2011	604,720	1,262,901	2,529,891	3,702,579	4,264,560	4,609,256	4,760,119	4,772,195	4,801,903	4,838,376	
12/31/2012	576,488	1,512,489	3,354,987	4,281,751	4,794,028	5,229,437	5,352,856	5,397,090	5,472,176		
12/31/2013	951,080	2,045,103	3,368,442	4,429,543	5,092,149	5,524,340	5,815,908	5,961,238			
12/31/2014	699,459	1,408,333	2,230,038	2,780,019	3,079,402	3,232,507	3,267,117				
12/31/2015	436,442	899,384	1,693,602	2,448,815	2,711,905	2,799,126					
12/31/2016	459,112	1,176,860	2,187,418	2,448,698	2,864,676						
12/31/2017	530,916	1,525,971	2,588,261	3,652,791							
12/31/2018	655,910	986,835	1,924,225								
12/31/2019	496,154	2,367,516									
12/31/2020	495,783										
A.Y.E	147 Months	159 Months	171 Months	183 Months	195 Months	207 Months	219 Months	231 Months	243 Months		
12/31/2001	5,183,472	5,183,162	5,201,810	5,237,899	5,270,715	5,303,322	5,350,522	5,344,228	5,390,254		
12/31/2002	6,266,999	6,323,000	6,318,607	6,332,778	6,354,225	6,363,875	6,366,324	6,366,356			
12/31/2003	4,113,092	4,113,092	4,110,985	4,160,985	4,153,222	4,149,552	4,149,594				
12/31/2004	3,933,628	3,933,617	3,930,478	3,930,806	3,930,806	3,931,277					
12/31/2005	3,038,594	3,069,041	3,069,176	3,069,564	3,071,235						
12/31/2006	4,991,583	4,991,583	4,991,583	4,992,054							
12/31/2007	3,936,789	3,941,128	3,941,767								
12/31/2008	3,598,591	3,599,075									
12/31/2009	3,916,902										

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

	Increments												
A.Y.E.	27:15	39:27	51:39	63:51	75:63	87:75	99:87	111:99	123:111	135:123	147:135	159:147	171:159
12/31/2001	848,073	789,249	537,722	465,805	354,512	630,698	69,482	117,214	284,124	81,137	20,502	-310	18,648
12/31/2002	801,206	1,347,476	723,527	1,011,315	323,036	95,650	135,934	56,055	11,687	93,950	50,944	56,001	-4,393
12/31/2003	700,403	845,070	837,520	511,780	332,682	142,534	-22,344	9,248	35,247	73,967	-19,710	0	-2,107
12/31/2004	675,160	935,886	630,396	524,827	219,588	138,167	141,608	10,207	-785	745	-2,800	-11	-3,139
12/31/2005	663,710	817,366	581,224	489,076	-90,371	81,351	-6,699	-8,814	-19,187	30	0	30,447	135
12/31/2006	900,074	984,579	1,198,736	861,651	315,100	144,852	-28,627	33,123	-4,679	0	0	0	0
12/31/2007	490,806	1,199,625	531,433	716,041	255,937	223,177	-160,947	37,928	-4,121	2,136	-933	4,339	639
12/31/2008	669,779	1,116,620	758,039	298,645	63,928	41,764	11,162	0	-657	0	0	484	
12/31/2009	760,894	1,115,934	702,395	511,778	739,929	-549,129	11,209	-1,845	10,330	-674	1,135		
12/31/2010	965,547	1,372,322	1,337,457	1,158,384	113,348	-68,973	4,257	3,889		1,051			
12/31/2011	658,181	1,266,990	1,172,688	561,981	344,696	150,863	12,076	29,708	36,473				
12/31/2012	936,001	1,842,498	926,764	512,277	435,409	123,419	44,234	75,086					
12/31/2013	1,094,023	1,323,339	1,061,101	662,606	432,191	291,568	145,330						
12/31/2014	708,874	821,705	549,981	299,383	153,105	34,610							
12/31/2015	462,942	794,218	755,213	263,090	87,221								
12/31/2016	717,748	1,010,558	261,280	415,978									
12/31/2017	995,055	1,062,290	1,064,530										
12/31/2018	330,925	937,390											
12/31/2019	1,871,362												

	Incremental Percentages												
A.Y.E.	27:15	39:27	51:39	63:51	75:63	87:75	99:87	111:99	123:111	135:123	147:135	159:147	171:159
12/31/2001	0.0664	0.0618	0.0421	0.0365	0.0278	0.0494	0.0054	0.0092	0.0222	0.0064	0.0016	0.0000	0.0015
12/31/2002	0.0482	0.0810	0.0435	0.0608	0.0194	0.0057	0.0082	0.0034	0.0007	0.0056	0.0031	0.0034	-0.0003
12/31/2003	0.0446	0.0539	0.0534	0.0326	0.0212	0.0091	-0.0014	0.0006	0.0022	0.0047	-0.0013	0.0000	-0.0001
12/31/2004	0.0587	0.0814	0.0548	0.0456	0.0191	0.0120	0.0123	0.0009	-0.0001	0.0001	-0.0002	0.0000	-0.0003
12/31/2005	0.0559	0.0688	0.0489	0.0412	-0.0076	0.0069	-0.0006	-0.0007	-0.0016	0.0000	0.0000	0.0026	0.0000
12/31/2006	0.0791	0.0865	0.1053	0.0757	0.0277	0.0127	-0.0025	0.0029	-0.0004	0.0000	0.0000	0.0000	0.0000
12/31/2007	0.0424	0.1036	0.0459	0.0618	0.0221	0.0193	-0.0139	0.0033	-0.0004	0.0002	-0.0001	0.0004	0.0001
12/31/2008	0.0550	0.0916	0.0622	0.0245	0.0052	0.0034	0.0009	0.0000	-0.0001	0.0000	0.0000	0.0000	
12/31/2009	0.0604	0.0885	0.0557	0.0406	0.0587	-0.0436	0.0009	-0.0001	0.0008	-0.0001	0.0001		
12/31/2010	0.0646	0.0919	0.0895	0.0775	0.0076	-0.0046	0.0003	0.0003	0.0007	0.0001			
12/31/2011	0.0482	0.0928	0.0859	0.0412	0.0253	0.0111	0.0009	0.0022	0.0027				
12/31/2012	0.0783	0.1541	0.0775	0.0429	0.0364	0.0103	0.0037	0.0063					
12/31/2013	0.0983	0.1189	0.0954	0.0595	0.0388	0.0262	0.0131						
12/31/2014	0.0662	0.0767	0.0514	0.0280	0.0143	0.0032							
12/31/2015	0.0426	0.0731	0.0695	0.0242	0.0080								
12/31/2016	0.0629	0.0886	0.0229	0.0365									
12/31/2017	0.0688	0.0734	0.0736										
12/31/2018	0.0347	0.0982											
12/31/2019	0.1381												

Best 3/5	0.0581	0.0796	0.0648	0.0358	0.0253	0.0082	0.0018	0.0008	0.0005	0.0000	0.0000	0.0001	0.0000
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Local Products (Subline Code 336)  
 Full Coverage  
 Multistate  
 Bodily Injury - Occurrence  
 Incurred Accident Year Incremental ALAE Development

A.Y.E	Link Ratios						
	<u>183:171</u>	<u>195:183</u>	<u>207:195</u>	<u>219:207</u>	<u>231:219</u>	<u>243:231</u>	<u>Ult:243</u>
12/31/2001	1.007	1.006	1.006	1.009	0.999	1.009	<b>1.004</b>
12/31/2002	1.002	1.003	1.002	1.000	1.000	<b>1.001</b>	<b>1.004</b>
12/31/2003	1.012	0.998	0.999	1.000	<b>1.001</b>	<b>1.001</b>	<b>1.004</b>
12/31/2004	1.000	1.000	1.000	<b>1.001</b>	<b>1.001</b>	<b>1.001</b>	<b>1.004</b>
12/31/2005	1.000	1.001	<b>1.001</b>	<b>1.001</b>	<b>1.001</b>	<b>1.001</b>	<b>1.004</b>
12/31/2006	1.000						
Best 3/5	1.001	1.001	1.001	1.001	1.001	1.001	1.004
171 to Ultimate Factor:			1.010				

Cumulative Incremental Factors							
<u>Months-to-Ultimate</u>	<u>15</u>	<u>27</u>	<u>39</u>	<u>51</u>	<u>63</u>	<u>75</u>	<u>87</u>
	0.275	0.217	0.137	0.073	0.037	0.011	0.003
<u>Months-to-Ultimate</u>	<u>99</u>	<u>111</u>	<u>123</u>	<u>135</u>	<u>147</u>	<u>159</u>	<u>171</u>
	0.001	0.001	0.000	0.000	0.000	0.000	0.000

A.Y.E	Reported	\$500,000	ALAE	Additional	ALAE at	171-Ultimate	Ultimate
	ALAE as of	Ultimate					
	<u>3/31/2021</u>	<u>Indemnity</u>	<u>Factor</u>	<u>ALAE</u>	<u>171 Months</u>	<u>Factor</u>	<u>ALAE</u>
12/31/2018	2,071,920	9,884,781	0.137	1,357,180	3,429,100	1.010	3,463,391
12/31/2019	2,517,493	13,224,597	0.217	2,868,415	5,385,908	1.010	5,439,767
12/31/2020	514,346	9,357,697	0.275	2,573,367	3,087,713	1.010	3,118,590

**Bold - Calculated Using Modified Bondy Method**

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

\$100,000 Basic Limit Losses as of :

<u>A.Y.E.</u>	<u>15 Months</u>	<u>27 Months</u>	<u>39 Months</u>	<u>51 Months</u>	<u>63 Months</u>	<u>75 Months</u>	<u>87 Months</u>	<u>99 Months</u>	<u>111 Months</u>	<u>123 Months</u>	<u>135 Months</u>
12/31/2001	1,592,860	1,597,199	1,737,732	1,690,682	1,681,289	1,758,546	1,920,196	2,093,397	2,104,195	2,156,851	2,164,997
12/31/2002	1,472,673	1,694,278	1,819,003	1,838,645	1,778,709	1,802,483	1,861,231	1,884,170	1,934,789	1,944,911	2,012,796
12/31/2003	1,253,460	1,803,588	2,044,920	2,059,131	2,260,776	2,269,368	2,301,177	2,301,847	2,316,619	2,358,120	2,366,975
12/31/2004	2,109,668	2,210,766	2,238,026	2,243,550	2,301,111	2,277,677	2,229,367	2,260,827	2,281,134	2,284,384	2,277,584
12/31/2005	2,786,493	3,039,401	3,227,095	3,289,649	3,338,926	3,224,776	3,241,236	3,287,182	3,293,341	3,284,562	3,283,340
12/31/2006	2,889,218	3,259,528	3,306,883	3,459,688	3,478,076	3,630,651	3,640,676	3,815,159	3,862,032	3,927,958	3,942,958
12/31/2007	2,726,424	2,586,857	2,596,824	2,994,186	3,270,105	3,239,408	3,454,653	3,432,254	3,424,514	3,397,725	3,406,437
12/31/2008	3,271,365	3,521,307	3,437,631	3,595,105	3,797,295	4,039,344	4,295,300	4,575,038	4,817,180	4,873,872	4,841,370
12/31/2009	3,401,672	3,553,586	3,551,508	3,608,321	3,571,793	3,798,270	3,786,550	3,872,172	3,919,672	3,949,763	3,983,524
12/31/2010	4,372,489	4,511,725	4,778,304	4,754,114	4,357,754	4,599,972	4,568,936	4,503,896	4,522,915	4,453,773	4,463,461
12/31/2011	4,116,392	4,327,505	4,630,185	4,574,977	4,682,787	4,732,854	4,689,955	4,766,672	4,776,090	4,785,609	
12/31/2012	3,826,706	3,862,687	3,743,528	3,661,355	3,818,719	3,835,951	3,867,566	3,908,321	3,857,818		
12/31/2013	3,447,028	3,466,423	4,018,282	3,882,067	3,908,055	3,987,695	4,004,783	3,979,783			
12/31/2014	3,253,297	3,557,714	3,462,660	3,563,501	3,552,575	3,616,569	3,593,069				
12/31/2015	4,429,545	4,617,731	5,350,006	5,370,123	5,322,025	5,438,583					
12/31/2016	4,244,676	4,278,361	4,630,900	4,768,001	4,720,219						
12/31/2017	4,142,942	4,292,664	4,567,592	4,430,938							
12/31/2018	4,794,221	4,581,023	4,499,677								
12/31/2019	4,718,099	4,818,384									
12/31/2020	5,690,901										

<u>A.Y.E.</u>	<u>147 Months</u>	<u>159 Months</u>	<u>171 Months</u>	<u>183 Months</u>	<u>195 Months</u>	<u>207 Months</u>	<u>219 Months</u>	<u>231 Months</u>	<u>243 Months</u>
12/31/2001	2,152,386	2,109,715	2,115,209	2,116,388	2,128,395	2,128,395	2,128,394	2,128,394	2,128,394
12/31/2002	1,994,692	2,060,334	2,067,209	2,075,809	2,093,102	2,091,852	2,091,852	2,091,852	
12/31/2003	2,405,309	2,387,595	2,373,845	2,396,340	2,396,340	2,396,340	2,396,340		
12/31/2004	2,257,584	2,264,584	2,377,076	2,362,076	2,462,076	2,387,076			
12/31/2005	3,283,740	3,269,499	3,269,499	3,369,499	3,387,499				
12/31/2006	3,996,090	3,950,114	4,043,622	4,062,765					
12/31/2007	3,404,272	3,416,772	3,416,770						
12/31/2008	4,889,697	4,794,311							
12/31/2009	3,895,092								

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

Link Ratios											
A.Y.E.	<u>27:15</u>	<u>39:27</u>	<u>51:39</u>	<u>63:51</u>	<u>75:63</u>	<u>87:75</u>	<u>99:87</u>	<u>111:99</u>	<u>123:111</u>	<u>135:123</u>	<u>147:135</u>
12/31/2001	1.003	1.088	0.973	0.994	1.046	1.092	1.090	1.005	1.025	1.004	0.994
12/31/2002	1.150	1.074	1.011	0.967	1.013	1.033	1.012	1.027	1.005	1.035	0.991
12/31/2003	1.439	1.134	1.007	1.098	1.004	1.014	1.000	1.006	1.018	1.004	1.016
12/31/2004	1.048	1.012	1.002	1.026	0.990	0.979	1.014	1.009	1.001	0.997	0.991
12/31/2005	1.091	1.062	1.019	1.015	0.966	1.005	1.014	1.002	0.997	1.000	1.000
12/31/2006	1.128	1.015	1.046	1.005	1.044	1.003	1.048	1.012	1.017	1.004	1.013
12/31/2007	0.949	1.004	1.153	1.092	0.991	1.066	0.994	0.998	0.992	1.003	0.999
12/31/2008	1.076	0.976	1.046	1.056	1.064	1.063	1.065	1.053	1.012	0.993	1.010
12/31/2009	1.045	0.999	1.016	0.990	1.063	0.997	1.023	1.012	1.008	1.009	0.978
12/31/2010	1.032	1.059	0.995	0.917	1.056	0.993	0.986	1.004	0.985	1.002	
12/31/2011	1.051	1.070	0.988	1.024	1.011	0.991	1.016	1.002	1.002		
12/31/2012	1.009	0.969	0.978	1.043	1.005	1.008	1.011	0.987			
12/31/2013	1.006	1.159	0.966	1.007	1.020	1.004	0.994				
12/31/2014	1.094	0.973	1.029	0.997	1.018	0.994					
12/31/2015	1.042	1.159	1.004	0.991	1.022						
12/31/2016	1.008	1.082	1.030	0.990							
12/31/2017	1.036	1.064	0.970								
12/31/2018	0.956	0.982									
12/31/2019	1.021										
3 Yr Mean	1.004	1.043	1.001	0.993	1.020	1.002	1.007	0.998	0.998	1.001	0.996
Best 3/5	1.022	1.043	1.001	0.998	1.016	0.997	1.007	1.006	1.001	1.003	1.003
	<u>159:147</u>	<u>171:159</u>	<u>183:171</u>	<u>195:183</u>	<u>207:195</u>	<u>219:207</u>	<u>231:219</u>	<u>243:231</u>			
12/31/2001	0.980	1.003	1.001	1.006	1.000	1.000	1.000	1.000			
12/31/2002	1.033	1.003	1.004	1.008	0.999	1.000	1.000	<b>1.000</b>			
12/31/2003	0.993	0.994	1.009	1.000	1.000	1.000	<b>1.000</b>	<b>1.000</b>			
12/31/2004	1.003	1.050	0.994	1.042	0.970	<b>1.000</b>	<b>1.000</b>	<b>1.000</b>			
12/31/2005	0.996	1.000	1.031	1.005	<b>1.006</b>	<b>1.000</b>	<b>1.000</b>	<b>1.000</b>			
12/31/2006	0.988	1.024	1.005								
12/31/2007	1.004	1.000									
12/31/2008	0.980										
3 Yr Mean	0.991	1.008	1.010	1.016	0.990	1.000	1.000	1.000			
Best 3/5	0.996	1.008	1.006	1.006	1.000	1.000	1.000	1.000			
Development From											
A.Y.E.	<u>15/ 27</u>	<u>27/ 39</u>	<u>39/ 51</u>	<u>51/ 63</u>	<u>63/ 75</u>	<u>75/ 87</u>	<u>87/ 99</u>	<u>99/111</u>	<u>111/123</u>	<u>123/135</u>	<u>135/147</u>
12/31/2016					1.016	0.997	1.007	1.006	1.001	1.003	1.003
12/31/2017				0.998	1.016	0.997	1.007	1.006	1.001	1.003	1.003
12/31/2018			1.001	0.998	1.016	0.997	1.007	1.006	1.001	1.003	1.003
12/31/2019		1.043	1.001	0.998	1.016	0.997	1.007	1.006	1.001	1.003	1.003
12/31/2020	1.022	1.043	1.001	0.998	1.016	0.997	1.007	1.006	1.001	1.003	1.003
A.Y.E	<u>147/159</u>	<u>159/171</u>	<u>171/183</u>	<u>183/195</u>	<u>195/207</u>	<u>207/219</u>	<u>219/231</u>	<u>231/243</u>	<u>243/U1t</u>	FACTORS	
12/31/2016	0.996	1.008	1.006	1.006	1.000	1.000	1.000	1.000	<b>1.000</b>	1.050	
12/31/2017	0.996	1.008	1.006	1.006	1.000	1.000	1.000	1.000	<b>1.000</b>	1.048	
12/31/2018	0.996	1.008	1.006	1.006	1.000	1.000	1.000	1.000	<b>1.000</b>	1.049	
12/31/2019	0.996	1.008	1.006	1.006	1.000	1.000	1.000	1.000	<b>1.000</b>	1.094	
12/31/2020	0.996	1.008	1.006	1.006	1.000	1.000	1.000	1.000	<b>1.000</b>	1.118	

**Bold - Calculated Using Modified Bondy Method**

*Italics - Three year mean Excludes Modified Bondy ratios*

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

\$100,000 Basic Limit Losses as of :											
A.Y.E.	<u>15 Months</u>	<u>27 Months</u>	<u>39 Months</u>	<u>51 Months</u>	<u>63 Months</u>	<u>75 Months</u>	<u>87 Months</u>	<u>99 Months</u>	<u>111 Months</u>	<u>123 Months</u>	<u>135 Months</u>
12/31/2001	196,950	171,777	171,776	186,006	186,006	176,908	225,908	230,908	225,909	227,908	325,908
12/31/2002	96,798	103,314	131,370	153,722	200,722	270,722	270,722	270,722	270,722	270,722	270,722
12/31/2003	240,651	185,667	160,024	174,025	181,024	158,026	172,903	199,404	190,310	225,461	213,954
12/31/2004	246,668	129,314	132,294	179,776	245,076	305,375	295,344	391,079	422,580	387,579	387,579
12/31/2005	162,608	228,326	212,716	267,850	270,050	310,851	314,208	323,814	354,504	774,045	898,913
12/31/2006	274,664	229,162	294,191	287,481	304,475	340,486	340,484	332,531	345,548	423,863	405,576
12/31/2007	229,278	441,042	467,990	409,124	378,557	362,557	366,057	463,057	463,057	463,057	463,057
12/31/2008	294,367	208,042	336,788	335,305	346,805	343,795	443,795	443,795	437,296	457,296	527,296
12/31/2009	177,301	176,935	144,535	143,435	142,195	249,008	250,198	350,198	350,198	350,198	350,198
12/31/2010	261,555	263,224	260,679	264,775	358,775	358,775	358,775	358,775	358,775	358,775	358,775
12/31/2011	279,718	308,639	282,138	296,138	274,227	284,227	276,227	276,227	286,227	276,477	
12/31/2012	218,667	225,556	232,721	240,618	226,978	251,978	256,992	260,027	260,027		
12/31/2013	362,731	391,760	385,395	549,395	552,495	602,495	607,496	602,495			
12/31/2014	279,766	411,762	396,630	500,830	475,830	516,830					
12/31/2015	637,381	580,572	568,948	590,847	591,559	627,918					
12/31/2016	876,519	1,011,714	1,042,797	1,098,637	1,216,637						
12/31/2017	788,977	981,934	1,073,603	1,029,001							
12/31/2018	1,166,853	1,485,841	1,545,488								
12/31/2019	1,134,910	1,326,454									
12/31/2020	1,036,106										

  

A.Y.E.	<u>147 Months</u>	<u>159 Months</u>	<u>171 Months</u>	<u>183 Months</u>	<u>195 Months</u>	<u>207 Months</u>	<u>219 Months</u>	<u>231 Months</u>	<u>243 Months</u>
12/31/2001	325,909	325,908	325,908	325,908	325,908	325,908	325,908	325,908	325,908
12/31/2002	270,723	270,871	270,870	270,870	270,870	283,370	283,370	283,370	
12/31/2003	254,454	245,453	242,703	242,703	235,902	235,902	223,402		
12/31/2004	403,580	403,579	403,579	403,579	403,579	403,579			
12/31/2005	892,186	901,187	864,839	865,589	865,339				
12/31/2006	424,443	380,306	380,205	378,587					
12/31/2007	463,057	463,057	463,057						
12/31/2008	527,296	527,296							
12/31/2009	353,198								



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

	Link Ratios										
A.Y.E.	<u>27:15</u>	<u>39:27</u>	<u>51:39</u>	<u>63:51</u>	<u>75:63</u>	<u>87:75</u>	<u>99:87</u>	<u>111:99</u>	<u>123:111</u>	<u>135:123</u>	<u>147:135</u>
12/31/2001	0.872	1.000	1.083	1.000	0.951	1.277	1.022	0.978	1.009	1.430	1.000
12/31/2002	1.067	1.272	1.170	1.306	1.349	1.000	1.000	1.000	1.000	1.000	1.000
12/31/2003	0.772	0.862	1.087	1.040	0.873	1.094	1.153	0.954	1.185	0.949	1.189
12/31/2004	0.524	1.023	1.359	1.363	1.246	0.967	1.324	1.081	0.917	1.000	1.041
12/31/2005	1.404	0.932	1.259	1.008	1.151	1.011	1.031	1.095	2.183	1.161	0.993
12/31/2006	0.834	1.284	0.977	1.059	1.118	1.000	0.977	1.039	1.227	0.957	1.047
12/31/2007	1.924	1.061	0.874	0.925	0.958	1.010	1.265	1.000	1.000	1.000	1.000
12/31/2008	0.707	1.619	0.996	1.034	0.991	1.291	1.000	0.985	1.046	1.153	1.000
12/31/2009	0.998	0.817	0.992	0.991	1.751	1.005	1.400	1.000	1.000	1.000	1.009
12/31/2010	1.006	0.990	1.016	1.355	1.000	1.000	1.000	1.000	1.000	1.000	
12/31/2011	1.103	0.914	1.050	0.926	1.036	0.972	1.000	1.036			
12/31/2012	1.032	1.032	1.034	0.943	1.110	1.020	1.012	1.000			
12/31/2013	1.080	0.984	1.426	1.006	1.090	1.008	0.992				
12/31/2014	1.472	0.963	1.263	0.950	1.086	1.000					
12/31/2015	0.911	0.980	1.038	1.001	1.061						
12/31/2016	1.154	1.031	1.054	1.107							
12/31/2017	1.245	1.093	0.958								
12/31/2018	1.273	1.040									
12/31/2019	1.169										

3 Yr Mean	1.229	1.055	1.017	1.019	1.079	1.009	1.001	1.012	0.989	1.051	1.003
Best 3/5	1.189	1.017	1.118	0.986	1.079	1.003	1.004	1.000	1.000	1.000	1.003

A.Y.E.	<u>159:147</u>	<u>171:159</u>	<u>183:171</u>	<u>195:183</u>	<u>207:195</u>	<u>219:207</u>	<u>231:219</u>	<u>243:231</u>			
12/31/2001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000			
12/31/2002	1.001	1.000	1.000	1.000	1.046	1.000	1.000	<b>1.000</b>			
12/31/2003	0.965	0.989	1.000	0.972	1.000	0.947	<b>1.000</b>	<b>1.000</b>			
12/31/2004	1.000	1.000	1.000	1.000	1.000	<b>1.000</b>	<b>1.000</b>	<b>1.000</b>			
12/31/2005	1.010	0.960	1.001	1.000	<b>1.000</b>	<b>1.000</b>	<b>1.000</b>	<b>1.000</b>			
12/31/2006	0.896	1.000	0.996								
12/31/2007	1.000	1.000									
12/31/2008	1.000										
3 Yr Mean	0.965	0.987	0.999	0.991	1.015	0.982	1.000	1.000			
Best 3/5	1.000	0.996	1.000	1.000	1.000	1.000	1.000	1.000			

	Development From										
A.Y.E.	<u>15/ 27</u>	<u>27/ 39</u>	<u>39/ 51</u>	<u>51/ 63</u>	<u>63/ 75</u>	<u>75/ 87</u>	<u>87/ 99</u>	<u>99/111</u>	<u>111/123</u>	<u>123/135</u>	<u>135/147</u>
12/31/2016					1.079	1.003	1.004	1.000	1.000	1.000	1.003
12/31/2017				0.986	1.079	1.003	1.004	1.000	1.000	1.000	1.003
12/31/2018			1.118	0.986	1.079	1.003	1.004	1.000	1.000	1.000	1.003
12/31/2019		1.017	1.118	0.986	1.079	1.003	1.004	1.000	1.000	1.000	1.003
12/31/2020	1.189	1.017	1.118	0.986	1.079	1.003	1.004	1.000	1.000	1.000	1.003

A.Y.E	<u>147/159</u>	<u>159/171</u>	<u>171/183</u>	<u>183/195</u>	<u>195/207</u>	<u>207/219</u>	<u>219/231</u>	<u>231/243</u>	<u>243/Ult</u>	FACTORS	
12/31/2016	1.000	0.996	1.000	1.000	1.000	1.000	1.000	1.000	<b>1.000</b>		1.085
12/31/2017	1.000	0.996	1.000	1.000	1.000	1.000	1.000	1.000	<b>1.000</b>		1.070
12/31/2018	1.000	0.996	1.000	1.000	1.000	1.000	1.000	1.000	<b>1.000</b>		1.197
12/31/2019	1.000	0.996	1.000	1.000	1.000	1.000	1.000	1.000	<b>1.000</b>		1.217
12/31/2020	1.000	0.996	1.000	1.000	1.000	1.000	1.000	1.000	<b>1.000</b>		1.447

**Bold - Calculated Using Modified Bondy Method**

*Italics - Three year mean Excludes Modified Bondy ratios*

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

Allocated Expenses as of:											
<u>A.Y.E.</u>	<u>15 Months</u>	<u>27 Months</u>	<u>39 Months</u>	<u>51 Months</u>	<u>63 Months</u>	<u>75 Months</u>	<u>87 Months</u>	<u>99 Months</u>	<u>111 Months</u>	<u>123 Months</u>	<u>135 Months</u>
12/31/2001	193,203	270,228	408,142	578,656	710,300	947,844	1,367,992	1,679,953	1,629,259	1,832,502	1,948,421
12/31/2002	172,994	297,692	436,931	715,080	785,722	870,809	922,712	891,204	891,208	1,089,879	1,284,616
12/31/2003	55,696	660,257	924,821	1,040,414	1,169,016	1,197,287	1,203,244	1,280,844	1,316,682	1,407,856	1,485,615
12/31/2004	159,786	298,247	421,614	580,050	662,541	776,128	780,488	797,162	828,421	836,602	861,605
12/31/2005	254,314	331,874	590,609	703,027	742,246	830,701	895,666	1,019,374	1,013,889	1,013,199	1,017,508
12/31/2006	139,337	322,142	539,444	865,083	1,155,830	1,496,293	1,566,801	1,878,458	1,926,334	2,008,534	1,988,250
12/31/2007	378,170	779,928	981,115	1,427,086	1,792,987	2,295,585	2,480,873	2,844,118	3,038,315	3,269,836	3,044,512
12/31/2008	346,594	835,131	1,100,626	1,382,937	2,157,180	4,313,412	6,760,389	8,143,634	8,124,377	7,528,389	7,030,420
12/31/2009	604,146	925,587	1,150,741	1,184,616	1,320,493	1,385,101	1,693,432	1,862,145	1,907,982	1,910,327	1,941,604
12/31/2010	220,566	412,570	732,995	1,091,391	1,197,544	1,366,567	1,557,785	1,709,727	1,735,025	2,021,454	2,065,636
12/31/2011	393,767	739,725	1,085,454	1,477,145	1,796,602	1,807,355	1,834,947	1,955,088	2,065,970	2,097,756	
12/31/2012	240,987	528,077	884,681	1,009,766	1,197,912	1,376,827	1,478,197	1,575,373	1,579,333		
12/31/2013	360,815	525,596	751,432	967,496	1,190,645	1,383,487	1,540,322	1,929,796			
12/31/2014	194,770	509,570	699,538	867,338	1,060,533	1,075,478	1,079,008				
12/31/2015	402,328	826,866	1,200,916	1,476,846	1,642,027	1,770,074					
12/31/2016	307,027	591,994	898,223	1,447,671	1,553,199						
12/31/2017	425,270	719,502	2,001,783	2,511,859							
12/31/2018	445,005	793,371	2,169,022								
12/31/2019	314,583	609,325									
12/31/2020	421,011										

  

<u>A.Y.E.</u>	<u>147 Months</u>	<u>159 Months</u>	<u>171 Months</u>	<u>183 Months</u>	<u>195 Months</u>	<u>207 Months</u>	<u>219 Months</u>	<u>231 Months</u>	<u>243 Months</u>
12/31/2001	2,060,004	2,147,196	2,175,066	2,264,677	2,491,166	2,491,166	2,491,166	2,497,416	2,497,416
12/31/2002	1,376,507	1,649,129	1,807,971	1,838,958	1,838,683	1,838,683	1,851,183	1,851,183	
12/31/2003	1,545,895	1,565,162	1,588,444	1,632,385	1,632,385	1,615,757	1,615,757		
12/31/2004	856,624	863,566	893,294	893,294	908,294	893,294			
12/31/2005	1,194,509	1,070,341	1,081,933	1,374,307	1,325,161				
12/31/2006	2,142,375	2,183,113	2,116,761	2,123,437					
12/31/2007	3,045,356	2,886,033	2,983,012						
12/31/2008	6,396,987	5,923,278							
12/31/2009	1,926,143								

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

	Increments												
<u>A.Y.E.</u>	<u>27:15</u>	<u>39:27</u>	<u>51:39</u>	<u>63:51</u>	<u>75:63</u>	<u>87:75</u>	<u>99:87</u>	<u>111:99</u>	<u>123:111</u>	<u>135:123</u>	<u>147:135</u>	<u>159:147</u>	<u>171:159</u>
12/31/2001	77,025	137,914	170,514	131,644	237,544	420,148	311,961	-50,694	203,243	115,919	111,583	87,192	27,870
12/31/2002	124,698	139,239	278,149	70,642	85,087	51,903	-31,508	4	198,671	194,737	91,891	272,622	158,842
12/31/2003	604,561	264,564	115,593	128,602	28,271	5,957	77,600	35,838	91,174	77,759	60,280	19,267	23,282
12/31/2004	138,461	123,367	158,436	82,491	113,587	4,360	16,674	31,259	8,181	25,003	-4,981	6,942	29,728
12/31/2005	77,560	258,735	112,418	39,219	88,455	64,965	123,708	-5,485	-690	4,309	177,001	-124,168	11,592
12/31/2006	182,805	217,302	325,639	290,747	340,463	70,508	311,657	47,876	82,200	-20,284	154,125	40,738	-66,352
12/31/2007	401,758	201,187	445,971	365,901	502,598	185,288	363,245	194,197	231,521	-225,324	844	-159,323	96,979
12/31/2008	488,537	265,495	282,311	774,243	2,156,232	2,446,977	1,383,245	-19,257	-595,988	-497,969	-633,433	-473,709	
12/31/2009	321,441	225,154	33,875	135,877	64,608	308,331	168,713	45,837	2,345	31,277	-15,461		
12/31/2010	192,004	320,425	358,396	106,153	169,023	191,218	151,942	25,298	286,429	44,182			
12/31/2011	345,958	345,729	391,691	319,457	10,753	27,592	120,141	110,882	31,786				
12/31/2012	287,090	356,604	125,085	188,146	178,915	101,370	97,176	3,960					
12/31/2013	164,781	225,836	216,064	223,149	192,842	156,835	389,474						
12/31/2014	314,800	189,968	167,800	193,195	14,945	3,530							
12/31/2015	424,538	374,050	275,930	165,181	128,047								
12/31/2016	284,967	306,229	549,448	105,528									
12/31/2017	294,232	1,282,281	510,076										
12/31/2018	348,366	1,375,651											
12/31/2019	294,742												

	Incremental Percentages												
<u>A.Y.E.</u>	<u>27:15</u>	<u>39:27</u>	<u>51:39</u>	<u>63:51</u>	<u>75:63</u>	<u>87:75</u>	<u>99:87</u>	<u>111:99</u>	<u>123:111</u>	<u>135:123</u>	<u>147:135</u>	<u>159:147</u>	<u>171:159</u>
12/31/2001	0.0261	0.0468	0.0579	0.0447	0.0806	0.1426	0.1059	-0.0172	0.0690	0.0393	0.0379	0.0296	0.0095
12/31/2002	0.0585	0.0653	0.1305	0.0331	0.0399	0.0243	-0.0148	0.0000	0.0932	0.0913	0.0431	0.1279	0.0745
12/31/2003	0.2378	0.1041	0.0455	0.0506	0.0111	0.0023	0.0305	0.0141	0.0359	0.0306	0.0237	0.0076	0.0092
12/31/2004	0.0527	0.0469	0.0603	0.0314	0.0432	0.0017	0.0063	0.0119	0.0031	0.0095	-0.0019	0.0026	0.0113
12/31/2005	0.0219	0.0729	0.0317	0.0110	0.0249	0.0183	0.0349	-0.0015	-0.0002	0.0012	0.0499	-0.0350	0.0033
12/31/2006	0.0377	0.0448	0.0671	0.0599	0.0702	0.0145	0.0642	0.0099	0.0169	-0.0042	0.0318	0.0084	-0.0137
12/31/2007	0.0803	0.0402	0.0891	0.0731	0.1005	0.0370	0.0726	0.0388	0.0463	-0.0450	0.0002	-0.0318	0.0194
12/31/2008	0.0906	0.0492	0.0524	0.1436	0.4000	0.4539	0.2566	-0.0036	-0.1106	-0.0924	-0.1175	-0.0879	
12/31/2009	0.0776	0.0544	0.0082	0.0328	0.0156	0.0745	0.0408	0.0111	0.0006	0.0076	-0.0037		
12/31/2010	0.0392	0.0654	0.0731	0.0217	0.0345	0.0390	0.0310	0.0052	0.0584	0.0090			
12/31/2011	0.0655	0.0654	0.0741	0.0604	0.0020	0.0052	0.0227	0.0210	0.0060				
12/31/2012	0.0650	0.0807	0.0283	0.0426	0.0405	0.0230	0.0220	0.0009					
12/31/2013	0.0358	0.0490	0.0469	0.0484	0.0419	0.0340	0.0845						
12/31/2014	0.0645	0.0389	0.0344	0.0396	0.0031	0.0007							
12/31/2015	0.0569	0.0501	0.0370	0.0221	0.0172								
12/31/2016	0.0541	0.0582	0.1043	0.0200									
12/31/2017	0.0490	0.2134	0.0849										
12/31/2018	0.0615	0.2430											
12/31/2019	0.0461												

Best 3/5	0.0533	0.1072	0.0563	0.0348	0.0203	0.0207	0.0315	0.0057	0.0176	-0.0139	0.0094	-0.0214	0.0079
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Local Products (Subline Code 336)  
 Full Coverage  
 Multistate  
 Property Damage - Occurrence  
 Incurred Accident Year Incremental ALAE Development

Link Ratios							
<u>A.Y.E</u>	<u>183:171</u>	<u>195:183</u>	<u>207:195</u>	<u>219:207</u>	<u>231:219</u>	<u>243:231</u>	<u>Ult:243</u>
12/31/2001	1.041	1.100	1.000	1.000	1.003	1.000	<b>1.000</b>
12/31/2002	1.017	1.000	1.000	1.007	1.000	<b>1.000</b>	<b>1.000</b>
12/31/2003	1.028	1.000	0.990	1.000	<b>1.000</b>	<b>1.000</b>	<b>1.000</b>
12/31/2004	1.000	1.017	0.983	<b>0.997</b>	<b>1.000</b>	<b>1.000</b>	<b>1.000</b>
12/31/2005	1.270	0.964	<b>1.002</b>	<b>0.997</b>	<b>1.000</b>	<b>1.000</b>	<b>1.000</b>
12/31/2006	1.003						
Best 3/5	1.016	1.006	0.997	0.999	1.000	1.000	1.000
171 to Ultimate Factor:			1.018				
Cumulative Incremental Factors							
<u>Months-to-Ultimate</u>	<u>15</u>	<u>27</u>	<u>39</u>	<u>51</u>	<u>63</u>	<u>75</u>	<u>87</u>
	0.329	0.276	0.169	0.113	0.078	0.058	0.037
<u>Months-to-Ultimate</u>	<u>99</u>	<u>111</u>	<u>123</u>	<u>135</u>	<u>147</u>	<u>159</u>	<u>171</u>
	0.005	0.000	-0.018	-0.004	-0.014	0.008	0.000

Reported		\$500,000					
ALAE as of		Ultimate		ALAE	Additional	ALAE at	171-Ultimate
<u>A.Y.E</u>	<u>3/31/2021</u>	<u>Indemnity</u>		<u>Factor</u>	<u>ALAE</u>	<u>171 Months</u>	<u>Factor</u>
12/31/2018	2,404,887	6,735,599		0.169	1,137,643	3,542,530	1.018
12/31/2019	771,019	7,830,386		0.276	2,161,970	2,932,989	1.018
12/31/2020	575,519	8,782,043		0.329	2,892,805	3,468,324	1.018
							Ultimate
							<u>ALAE</u>
							3,606,295
							2,985,782
							3,530,754

**Bold - Calculated Using Modified Bondy Method**

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

<u>Item *</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2016 - 2020 Mean</u>
1. Direct Losses Incurred	\$25,294,920	\$22,482,130	\$26,488,833	\$28,457,912	\$27,645,568	
2. Allocated Loss Adjustment Expenses Incurred (ALAE)	\$4,918,135	\$5,837,815	\$5,788,203	\$5,769,832	\$6,283,679	
3. Unallocated Loss Adjustment Expenses Incurred (ULAE)	\$2,517,590	\$2,283,529	\$2,272,533	\$2,770,296	\$2,176,729	
4. Incurred Losses + ALAE [(1) + (2)]	\$30,213,055	\$28,319,945	\$32,277,036	\$34,227,744	\$33,929,247	
<u>Incurred Percentage</u>						
5. Ratio of ULAE to (Losses + ALAE) [(3)/(4)]	8.3%	8.1%	7.0%	8.1%	6.4%	7.6%
6. Selected	8.0% **					

Notes: All dollar amounts are displayed in thousands.

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

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

## LOCAL PRODUCTS / COMPLETED OPERATIONS TREND SUMMARY

(1) <u>EXPOSURE TREND</u>	<u>LOCAL PRODUCTS</u>	<u>COMPLETED OPERATIONS</u>	<u>LOCAL PRODUCTS / COMPLETED OPERATIONS COMBINED</u>
Average Annual Percent Change			
a) 7/1/2018 to 7/1/2023 AYE 12/31/2018	+ 2.0%	+ 2.9%	+ 2.8%
b) 7/1/2019 to 7/1/2023 AYE 12/31/2019	+ 2.2%	+ 2.9%	+ 2.8%
c) 7/1/2020 to 7/1/2023 AYE 12/31/2020	+ 3.1%	+ 3.0%	+ 3.0%
(2) <u>OCCURRENCE SEVERITY</u>	<u>BODILY INJURY</u>	<u>PROPERTY DAMAGE</u>	
a) Fitted			
All Years	+ 6.7%	+ 4.1%	
Eight Years	+ 8.9%	+ 2.8%	
Six Years	+ 8.5%	+ 1.7%	
b) Selected	+ 5.5%	+ 4.0%	
(3) <u>FREQUENCY TREND</u>			
Selected	- 0.5%		

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

LOCAL PRODUCTS / COMPLETED OPERATIONS  
AVERAGE ANNUAL EXPOSURE TRENDS  
FOR ACCIDENT YEARS ENDING 12/31/2018, 12/31/2019 & 12/31/2020

(1) YEAR ENDING QUARTER *		(2) LOCAL PRODUCTS CLASS GROUP SALES EXPOSURE INDICES	(3) COMPLETED OPERATIONS CLASS GROUP PAYROLL EXPOSURE INDICES	(1) YEAR ENDING QUARTER *		(2) LOCAL PRODUCTS CLASS GROUP SALES EXPOSURE INDICES	(3) COMPLETED OPERATIONS CLASS GROUP PAYROLL EXPOSURE INDICES
2010	1	0.964	22.806	2017	1	1.032	26.160
	2	0.962	22.928		2	1.034	26.326
	3	0.962	23.080		3	1.037	26.527
	4	0.965	23.208		4	1.040	26.716
2011	1	0.969	23.312	2018	1	1.042	26.955
	2	0.974	23.427		2	1.046	27.203
	3	0.979	23.556		3	1.050	27.440
	4	0.982	23.638		4	1.054	27.728
2012	1	0.987	23.715	2019	1	1.058	27.950
	2	0.990	23.794		2	1.061	28.185
	3	0.995	23.873		3	1.063	28.361
	4	1.000	23.965		4	1.065	28.515
2013	1	1.004	24.062	2020	1	1.066	28.703
	2	1.007	24.140		2	1.060	28.830
	3	1.008	24.167		3	1.059	29.003
	4	1.010	24.208		4	1.059	29.191
2014	1	1.012	24.299	2021	1	1.063	29.378
	2	1.016	24.405		2	1.079	29.713
	3	1.019	24.538		3P	1.094	30.086
	4	1.022	24.663		4P	1.108	30.424
2015	1	1.023	24.759	2022	1P	1.121	30.737
	2	1.026	24.909		2P	1.130	30.931
	3	1.027	25.013		3P	1.136	31.064
	4	1.029	25.172		4P	1.142	31.208
2016	1	1.030	25.313	2023	1P	1.148	31.375
	2	1.030	25.480		2P	1.153	31.556
	3	1.029	25.731		3P	1.158	31.742
	4	1.030	25.938		4P	1.162	31.933
CHANGE IN EXPOSURES			LOCAL PRODUCTS	COMPLETED OPERATIONS			
7/1/2018 to 7/1/2023			(2023:4/2018:4)	1.102			
7/1/2019 to 7/1/2023			(2023:4/2019:4)	1.091			
7/1/2020 to 7/1/2023			(2023:4/2020:4)	1.097			
AVERAGE ANNUAL TREND FACTOR							
7/1/2018 to 7/1/2023			(5.0 YEARS)	1.020			
7/1/2019 to 7/1/2023			(4.0 YEARS)	1.022			
7/1/2020 to 7/1/2023			(3.0 YEARS)	1.031			

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

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OCCURRENCE SEVERITY TREND  
MULTISTATE  
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
12/31/2011	\$38,274,746	1,473	\$25,988	\$23,585		
12/31/2012	\$37,478,100	1,383	\$27,092	\$25,163		
12/31/2013	\$37,722,684	1,484	\$25,419	\$26,846	\$24,449	
12/31/2014	\$31,693,339	1,277	\$24,822	\$28,642	\$26,628	
12/31/2015	\$31,475,093	1,089	\$28,909	\$30,557	\$29,001	\$29,448
12/31/2016	\$31,698,582	944	\$33,563	\$32,601	\$31,585	\$31,943
12/31/2017	\$32,009,475	912	\$35,115	\$34,782	\$34,400	\$34,650
12/31/2018	\$31,256,504	843	\$37,084	\$37,109	\$37,465	\$37,585
12/31/2019	\$34,534,265	954	\$36,206	\$39,591	\$40,804	\$40,770
12/31/2020	\$29,629,729	614	\$48,283	\$42,239	\$44,440	\$44,224
Goodness of Fit Statistic, R-Squared:				0.839	0.889	0.804
Average Annual Severity Trend (10 yr)				+ 6.7%		
Average Annual Severity Trend ( 8 yr)				+ 8.9%		
Average Annual Severity Trend ( 6 yr)				+ 8.5%		
Selected Annual Severity Trend				+ 5.5%		

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

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



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

(1) 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
12/31/2011	\$135,648,102	5,195	\$26,113	\$28,040		
12/31/2012	\$127,399,301	4,508	\$28,263	\$29,195		
12/31/2013	\$118,816,238	3,845	\$30,899	\$30,397	\$32,204	
12/31/2014	\$116,222,788	3,520	\$33,022	\$31,649	\$33,104	
12/31/2015	\$121,674,475	3,458	\$35,188	\$32,953	\$34,029	\$35,247
12/31/2016	\$126,281,447	3,627	\$34,817	\$34,310	\$34,981	\$35,831
12/31/2017	\$129,113,911	3,501	\$36,876	\$35,724	\$35,958	\$36,424
12/31/2018	\$147,515,610	3,782	\$39,005	\$37,195	\$36,964	\$37,028
12/31/2019	\$152,435,218	4,123	\$36,974	\$38,727	\$37,997	\$37,642
12/31/2020	\$144,376,737	3,834	\$37,655	\$40,322	\$39,059	\$38,265
Goodness of Fit Statistic, R-Squared:				0.836	0.773	0.509
Average Annual Severity Trend (10 yr)				+ 4.1%		
Average Annual Severity Trend ( 8 yr)				+ 2.8%		
Average Annual Severity Trend ( 6 yr)				+ 1.7%		
Selected Annual Severity Trend				+ 4.0%		

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

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

## LOCAL PRODUCTS/COMPLETED OPERATIONS

FREQUENCY TREND  
MULTISTATEManual Classes (Full and Deductible Coverage)  
Monoline and Multiline Combined  
CGL Policies OnlyBodily Injury and Property Damage Combined

(1) Accident Year Ending	(2) Aggregate Loss Costs at Current Level	(3) Occurrences at Ultimate <sup>1</sup>	(4) Occurrence Frequency <u>(3) / (2)</u> <sup>2</sup>
12/31/2007	\$ 403,918,008	8,420	20.85
12/31/2008	\$ 391,708,370	8,906	22.74
12/31/2009	\$ 374,753,781	8,932	23.84
12/31/2010	\$ 360,437,043	9,535	26.45
12/31/2011	\$ 358,565,633	8,896	24.81
12/31/2012	\$ 361,325,483	8,268	22.88
12/31/2013	\$ 374,839,259	8,078	21.55
12/31/2014	\$ 387,696,275	7,398	19.08
12/31/2015	\$ 401,491,335	7,118	17.73
12/31/2016	\$ 388,124,210	7,278	18.75
12/31/2017	\$ 401,175,492	6,902	17.21
12/31/2018	\$ 438,019,096	7,617	17.39
12/31/2019	\$ 440,495,015	8,053	18.28
12/31/2020	\$ 424,537,750	7,105	16.73

Selected Annual Frequency Trend: - 0.5%

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

## LOCAL PRODUCTS/COMPLETED OPERATIONS (SUBLINE CODE 336)

## CLASS GROUPS AND DIFFERENTIALS

\*Base Class

CLASS GROUP 01		45900	0.43	15538	0.29	98308	0.050
		49617	1.36	15600	1.68	98309	0.11
10100	0.52	57001	0.22	15608	0.18	98344	0.04
10145	0.11	CLASS GROUP 02		15839	0.48	98449	1.28
10146	0.16			15991	1.31	98805	0.069
10352	0.53	10026	0.37	15993	0.82	98813	0.100
11039	0.63	10042	6.25	16403	2.84	98967	0.51
11258	1.79	10060	1.13	16676	0.26	99003	0.06
11259	1.79	10065	1.02	18078	2.59	99826	0.035
11288	0.71	10066	1.28	18109	0.54	99827	0.031
12374	0.59	10071	1.92	18110	0.58	99948	1.00 *
12375	0.41	10073	8.77	18206	1.98	99952	0.79
13673	0.14	10075	3.09	18335	0.29	99953	0.48
13720	0.52	10107	4.44	18506	0.110	99954	0.62
14401	0.92	10115	1.42	18507	0.14	99955	0.510
15224	0.61	10309	0.31	18708	0.40		
16900	0.74	11020	3.55	18834	2.04		
16901	1.00 *	11127	0.16	18911	0.33		
16902	0.55	11128	1.29	18912	0.54		
16905	0.64	11204	25.54	18920	0.34		
16906	0.91	11234	1.06	45819	1.23		
16910	0.47	12014	0.73	49618	0.94		
16911	0.46	12356	0.54	49619	2.19		
16915	0.45	12510	0.45	CLASS GROUP 11			
16916	0.53	12805	2.96				
16920	1.03	13351	1.00 *	92053	0.034		
16921	0.41	13352	0.71	92054	0.013		
16930	1.28	13506	1.23	92055	0.013		
16931	0.54	13507	2.82	95124	0.066		
16940	0.41	13716	1.89	98303	0.30		
16941	0.73	13759	2.01	98304	0.18		
18435	0.58	14101	0.80	98305	0.09		
18436	1.25	14279	1.26	98306	0.049		
18501	0.13	14913	2.58	98307	0.03		

## LOCAL PRODUCTS/COMPLETED OPERATIONS (SUBLINE CODE 336)

## CLASS GROUPS AND DIFFERENTIALS

\*Base Class

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

## LOCAL PRODUCTS/COMPLETED OPERATIONS CREDIBILITY-WEIGHTED DIFFERENTIAL REVIEW - 2022

LOCAL PRODUCTS  
CLASS GROUP: 01

RETAIL STORES - FOOD OR DRUG

(1)  
CLASS GROUP EXPERIENCE RATIO = 1.27

	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
	CURRENT	10 YEAR	10 YEAR		FORMULA	NORM.	INDICATED			
	IMPLIED CLASS	MONO/MULTI	EXPERIENCE		EXPERIENCE	INDIC. CHG.	DIFF	INDICATED	SELECTED	SELECTED
CLASS	DIFFERENTIAL	ALCCL	RATIO	CREDIBILITY	RATIO @	TO DIFF #	(2) x (7)	CHANGE	CHANGE	DIFF
10100	0.494	1,447,426	1.60	0.2242	1.34	1.05	0.52	5%	5%	0.52
10145	0.104	920,986	1.47	0.1790	1.31	1.02	0.11	2%	6%	0.11
10146	0.168	97,147	0.55	0.0965	1.20	0.94	0.16	-6%	-5%	0.16
10352	0.557	277,285	0.72	0.1159	1.21	0.95	0.53	-5%	-5%	0.53
11039	0.608	4,173,616	1.40	0.3964	1.32	1.03	0.63	3%	4%	0.63
11258	1.585	199,562	2.96	0.1077	1.45	1.13	1.79	13%	13%	1.79
11259	1.277	3,752	0.00	0.0861	1.16	0.91	1.16	-9%	40%	1.79
11288	0.765	816,817	0.78	0.1694	1.19	0.93	0.71	-7%	-7%	0.71
12374	0.582	2,047,023	1.43	0.2700	1.31	1.02	0.59	2%	1%	0.59
12375	0.414	1,234,702	1.26	0.2065	1.27	0.99	0.41	-1%	-1%	0.41
13673	0.141	3,913,340	1.23	0.3833	1.25	0.98	0.14	-2%	-1%	0.14
13720	0.539	370,910	0.98	0.1257	1.23	0.96	0.52	-4%	-4%	0.52
14401	0.986	387,469	0.65	0.1274	1.19	0.93	0.92	-7%	-7%	0.92
15224	0.565	1,038,437	1.86	0.1895	1.38	1.08	0.61	8%	8%	0.61
16900	0.708	5,816,046	1.41	0.4676	1.34	1.05	0.74	5%	5%	0.74
16901	* 1.000	26,076,032	1.28	0.7831	1.28	1.00	1.00	0%	0%	1.00
16902	0.603	1,210,192	0.83	0.2044	1.18	0.92	0.55	-8%	-9%	0.55
16905	0.708	8,004	0.00	0.0866	1.16	0.91	0.64	-9%	-10%	0.64
16906	1.000	7,302	0.00	0.0865	1.16	0.91	0.91	-9%	-9%	0.91
16910	0.509	27,180,762	1.17	0.7899	1.19	0.93	0.47	-7%	-8%	0.47
16911	0.516	1,959,555	0.83	0.2637	1.15	0.90	0.46	-10%	-11%	0.46
16915	0.468	960,060	1.05	0.1825	1.23	0.96	0.45	-4%	-4%	0.45
16916	0.484	9,579,611	1.51	0.5809	1.41	1.10	0.53	10%	10%	0.53
16920	0.952	168,935	2.34	0.1044	1.38	1.08	1.03	8%	8%	1.03
16921	0.447	12,212	0.00	0.0871	1.16	0.91	0.41	-9%	-8%	0.41
16930	1.292	621,073	1.30	0.1508	1.27	0.99	1.28	-1%	-1%	1.28
16931	0.597	193,905	0.28	0.1071	1.16	0.91	0.54	-9%	-10%	0.54
16940	0.449	7,890	0.00	0.0866	1.16	0.91	0.41	-9%	-9%	0.41
16941	0.797	150,168	0.25	0.1023	1.17	0.91	0.73	-9%	-8%	0.73
18435	0.607	3,273,530	1.10	0.3487	1.21	0.95	0.58	-5%	-4%	0.58
18436	1.377	191,744	0.30	0.1068	1.17	0.91	1.25	-9%	-9%	1.25
18501	0.132	3,941,780	1.18	0.3848	1.24	0.97	0.13	-3%	-2%	0.13
45900	0.448	648,149	0.89	0.1534	1.21	0.95	0.43	-5%	-4%	0.43
49617	1.293	5,148,068	1.46	0.4408	1.35	1.05	1.36	5%	5%	1.36
57001	0.222	368,284	1.10	0.1254	1.25	0.98	0.22	-2%	-1%	0.22

\* - Base class

@ - (5)x(4) + (100%-(5))x(1)

# - (6) for class / (6) for base class

U - Upper cap

L - Lower cap

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

LOCAL PRODUCTS/COMPLETED OPERATIONS CREDIBILITY-WEIGHTED DIFFERENTIAL REVIEW - 2022

LOCAL PRODUCTS (1)  
CLASS GROUP: 02 RETAIL STORES - NOT FOOD OR DRUG CLASS GROUP EXPERIENCE RATIO = 1.29

	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
	CURRENT	10 YEAR	10 YEAR		FORMULA	NORM.	INDICATED			
	IMPLIED CLASS	MONO/MULTI	EXPERIENCE		EXPERIENCE	INDIC. CHG.	DIFF	INDICATED	SELECTED	SELECTED
CLASS	DIFFERENTIAL	ALCCL	RATIO	CREDIBILITY	RATIO @	TO DIFF #	(2) x (7)	CHANGE	CHANGE	DIFF
10026	0.439	89,002	1.13	0.0800	1.28	0.84	0.37	-16%	-16%	0.37
10042	7.443	13,763,051	1.27	0.8013	1.27	0.84	6.25	-16%	-16%	6.25
10060	1.411	31,392	0.00	0.0657	1.21	0.80	1.13	-20%	-20%	1.13
10065	0.680	320,400	9.68	0.1332	2.41	1.59	1.08	59%	50%	U 1.02
10066	1.211	37,445	6.00	0.0672	1.61	1.06	1.28	6%	6%	1.28
10071	2.202	6,459,607	1.33	0.6581	1.32	0.87	1.92	-13%	-13%	1.92
10073	11.243	90,594,040	1.18	0.9632	1.18	0.78	8.77	-22%	-22%	8.77
10075	3.513	33,124	1.87	0.0661	1.33	0.88	3.09	-12%	-12%	3.09
10107	5.694	457,579	0.67	0.1620	1.19	0.78	4.44	-22%	-22%	4.44
10115	1.731	615,554	1.08	0.1928	1.25	0.82	1.42	-18%	-18%	1.42
10309	0.409	255,299	0.19	0.1189	1.16	0.76	0.31	-24%	-24%	0.31
11020	2.955	148,529	6.93	0.0943	1.82	1.20	3.55	20%	20%	3.55
11127	0.197	995,219	1.18	0.2584	1.26	0.83	0.16	-17%	-19%	0.16
11128	1.462	403,486	1.53	0.1508	1.33	0.88	1.29	-12%	-12%	1.29
11204	33.609	224,715	0.01	0.1119	1.15	0.76	25.54	-24%	-24%	25.54
11234	1.259	318,732	1.21	0.1328	1.28	0.84	1.06	-16%	-16%	1.06
12014	0.886	318,344	1.00	0.1328	1.25	0.82	0.73	-18%	-18%	0.73
12356	0.611	110,822	2.00	0.0853	1.35	0.89	0.54	-11%	-12%	0.54
12510	0.576	76,829	0.01	0.0770	1.19	0.78	0.45	-22%	-22%	0.45
12805	2.691	10,961,327	1.79	0.7633	1.67	1.10	2.96	10%	10%	2.96
13351	* 1.000	9,810,037	1.60	0.7430	1.52	1.00	1.00	0%	0%	1.00
13352	0.879	91,231	0.50	0.0805	1.23	0.81	0.71	-19%	-19%	0.71
13506	1.463	1,066,055	1.27	0.2694	1.28	0.84	1.23	-16%	-16%	1.23
13507	3.320	537,428	1.30	0.1778	1.29	0.85	2.82	-15%	-15%	2.82
13716	2.417	7,502,947	1.14	0.6900	1.19	0.78	1.89	-22%	-22%	1.89
13759	2.651	217,143	0.01	0.1102	1.15	0.76	2.01	-24%	-24%	2.01
14101	0.964	169,185	0.97	0.0991	1.26	0.83	0.80	-17%	-17%	0.80
14279	1.417	1,521,714	1.47	0.3335	1.35	0.89	1.26	-11%	-11%	1.26
14913	3.068	771,275	1.24	0.2210	1.28	0.84	2.58	-16%	-16%	2.58
15538	0.373	196,237	0.37	0.1054	1.19	0.78	0.29	-22%	-22%	0.29
15600	1.958	71,575	1.61	0.0757	1.31	0.86	1.68	-14%	-14%	1.68
15608	0.227	38,158	0.00	0.0674	1.20	0.79	0.18	-21%	-21%	0.18
15839	0.631	323,076	0.13	0.1338	1.13	0.74	0.47	-26%	-24%	L 0.48
15991	1.616	513,088	0.92	0.1731	1.23	0.81	1.31	-19%	-19%	1.31
15993	0.974	110,861	1.10	0.0853	1.27	0.84	0.82	-16%	-16%	0.82
16403	3.191	763,017	1.55	0.2196	1.35	0.89	2.84	-11%	-11%	2.84
16676	0.324	17,440	0.38	0.0621	1.23	0.81	0.26	-19%	-20%	0.26

\* - Base class @ - (5)x(4) + (100%-(5))x(1) # - (6) for class / (6) for base class  
U - Upper cap L - Lower cap

## LOCAL PRODUCTS/COMPLETED OPERATIONS CREDIBILITY-WEIGHTED DIFFERENTIAL REVIEW - 2022

LOCAL PRODUCTS  
CLASS GROUP: 02

RETAIL STORES - NOT FOOD OR DRUG

(1)  
CLASS GROUP EXPERIENCE RATIO = 1.29

	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
	CURRENT	10 YEAR	10 YEAR		FORMULA	NORM.	INDICATED			
	IMPLIED CLASS	MONO/MULTI	EXPERIENCE		EXPERIENCE	INDIC. CHG.	DIFF	INDICATED	SELECTED	SELECTED
CLASS	DIFFERENTIAL	ALCCL	RATIO	CREDIBILITY	RATIO @	TO DIFF #	(2) x (7)	CHANGE	CHANGE	DIFF
18078	2.912	1,081,072	1.52	0.2717	1.35	0.89	2.59	-11%	-11%	2.59
18109	0.662	6,364	0.40	0.0593	1.24	0.82	0.54	-18%	-18%	0.54
18110	0.747	627,307	0.74	0.1950	1.18	0.78	0.58	-22%	-22%	0.58
18206	2.304	5,720,692	1.32	0.6312	1.31	0.86	1.98	-14%	-14%	1.98
18335	0.376	119,109	0.06	0.0873	1.18	0.78	0.29	-22%	-23%	0.29
18506	0.136	493	0.00	0.0578	1.22	0.80	0.11	-20%	-19%	0.11
18507	0.176	18,814	0.23	0.0625	1.22	0.80	0.14	-20%	-20%	0.14
18708	0.368	110,520	5.42	0.0852	1.64	1.08	0.40	8%	9%	0.40
18834	2.611	80,313	0.00	0.0778	1.19	0.78	2.04	-22%	-22%	2.04
18911	0.418	143,475	0.39	0.0931	1.21	0.80	0.33	-20%	-21%	0.33
18912	0.661	12,455	0.62	0.0609	1.25	0.82	0.54	-18%	-18%	0.54
18920	0.419	30,236	0.00	0.0654	1.21	0.80	0.34	-20%	-19%	0.34
45819	1.397	5,937,407	1.35	0.6396	1.33	0.88	1.23	-12%	-12%	1.23
49618	1.138	7,503	0.73	0.0596	1.26	0.83	0.94	-17%	-17%	0.94
49619	2.436	2,131,273	1.48	0.4034	1.37	0.90	2.19	-10%	-10%	2.19

\* - Base class  
U - Upper cap

@ -  $(5) \times (4) + (100\% - (5)) \times (1)$   
L - Lower cap

# - (6) for class / (6) for base class

## LOCAL PRODUCTS/COMPLETED OPERATIONS CREDIBILITY-WEIGHTED DIFFERENTIAL REVIEW - 2022

COMPLETED OPERATIONS

CLASS GROUP: 11

COMPLETED OPERATIONS - LOW

 CLASS GROUP EXPERIENCE RATIO = (1)  
1.40

	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
	CURRENT	10 YEAR	10 YEAR		FORMULA	NORM.	INDICATED			
	IMPLIED CLASS	MONO/MULTI	EXPERIENCE		EXPERIENCE	INDIC. CHG.	DIFF	INDICATED	SELECTED	SELECTED
CLASS	DIFFERENTIAL	ALCCL	RATIO	CREDIBILITY	RATIO @	TO DIFF #	(2) x (7)	CHANGE	CHANGE	DIFF
92053	0.025	-	0.00	-	1.40	1.36	0.034	36%	36%	0.034
92054	0.011	15	0.00	0.1250	1.23	1.19	0.013	19%	18%	0.013
92055	0.011	7,837	0.00	0.1266	1.22	1.18	0.013	18%	18%	0.013
95124	0.044	8,884,207	1.81	0.7162	1.69	1.64	0.072	64%	50%	U 0.066
98303	0.280	981,509	0.40	0.2887	1.11	1.08	0.30	8%	7%	0.30
98304	0.135	25,904,034	1.37	0.8763	1.37	1.33	0.18	33%	33%	0.18
98305	0.070	29,665,709	1.32	0.8900	1.33	1.29	0.09	29%	29%	0.09
98306	0.039	125,805	0.67	0.1501	1.29	1.25	0.049	25%	26%	0.049
98307	0.023	16,544	0.00	0.1284	1.22	1.18	0.027	18%	17%	0.027
98308	0.044	5,004,940	0.99	0.5974	1.16	1.13	0.05	13%	14%	0.05
98309	0.087	322,147	1.19	0.1864	1.36	1.32	0.11	32%	26%	0.11
98344	0.031	582,706	0.88	0.2302	1.28	1.24	0.038	24%	23%	0.038
98449	0.858	27,172,083	1.97	0.8813	1.90	1.84	1.58	84%	49%	U 1.28
98805	0.053	2,393,883	1.28	0.4396	1.35	1.31	0.069	31%	30%	0.069
98813	0.087	4,295,542	1.07	0.5641	1.21	1.17	0.10	17%	15%	0.10
98967	0.340	15,579,539	1.68	0.8119	1.63	1.58	0.54	58%	50%	U 0.51
99003	0.053	495,769	0.45	0.2161	1.19	1.16	0.061	16%	15%	0.061
99826	0.027	385,201	1.13	0.1975	1.35	1.31	0.035	31%	30%	0.035
99827	0.028	974,376	0.48	0.2877	1.14	1.11	0.031	11%	11%	0.031
99948	* 1.000	27,038,824	0.98	0.8808	1.03	1.00	1.00	0%	0%	1.00
99952	0.731	4,164,557	0.88	0.5573	1.11	1.08	0.79	8%	8%	0.79
99953	0.430	2,473,187	0.83	0.4462	1.15	1.12	0.48	12%	12%	0.48
99954	0.459	1,595,998	1.35	0.3633	1.38	1.34	0.62	34%	35%	0.62
99955	0.346	8,786,554	1.63	0.7141	1.56	1.51	0.52	51%	47%	U 0.51

\* - Base class

@ - (5)x(4) + (100%-(5))x(1)

# - (6) for class / (6) for base class

U - Upper cap

L - Lower cap



LOCAL PRODUCTS/COMPLETED OPERATIONS CREDIBILITY-WEIGHTED DIFFERENTIAL REVIEW - 2022

COMPLETED OPERATIONS (1)  
 CLASS GROUP: 12 COMPLETED OPERATIONS - MEDIUM CLASS GROUP EXPERIENCE RATIO = 1.16

	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
	CURRENT	10 YEAR	10 YEAR		FORMULA	NORM.	INDICATED			
	IMPLIED CLASS	MONO/MULTI	EXPERIENCE		EXPERIENCE	INDIC. CHG.	DIFF	INDICATED	SELECTED	SELECTED
CLASS	DIFFERENTIAL	ALCCL	RATIO	CREDIBILITY	RATIO @	TO DIFF #	(2) x (7)	CHANGE	CHANGE	DIFF
91111	0.359	33,911,899	1.05	0.6332	1.09	1.03	0.37	3%	3%	0.37
91150	0.307	11,444,475	1.23	0.3825	1.19	1.12	0.34	12%	11%	0.34
91155	1.730	49,854,479	1.02	0.7153	1.06	1.00	1.73	0%	0%	1.73
91340	0.459	235,397,961	1.17	0.9210	1.17	1.10	0.50	10%	9%	0.50
91341	0.245	100,505,663	1.14	0.8335	1.14	1.08	0.26	8%	6%	0.26
91342	0.202	109,826,539	1.25	0.8454	1.24	1.17	0.24	17%	19%	0.24
91343	0.091	4,333,898	1.04	0.2120	1.13	1.07	0.097	7%	7%	0.097
91436	0.135	2,745,359	1.00	0.1602	1.13	1.07	0.14	7%	4%	0.14
91507	0.194	424,401	0.32	0.0710	1.10	1.04	0.20	4%	3%	0.20
91551	0.042	8,891,558	1.16	0.3305	1.16	1.09	0.046	9%	10%	0.046
91555	0.065	1,830,694	0.35	0.1272	1.06	1.00	0.065	0%	0%	0.065
91560	0.234	132,042,419	1.34	0.8677	1.32	1.25	0.29	25%	24%	0.29
91577	0.181	17,739,212	1.28	0.4818	1.22	1.15	0.21	15%	16%	0.21
91746	0.305	30,482,258	1.36	0.6090	1.28	1.21	0.37	21%	21%	0.37
92101	0.181	5,081,564	1.17	0.2343	1.16	1.09	0.20	9%	10%	0.20
92102	0.185	6,403,054	1.44	0.2706	1.24	1.17	0.22	17%	19%	0.22
92215	0.177	95,255,137	1.23	0.8261	1.22	1.15	0.20	15%	13%	0.20
92338	0.106	44,217,141	1.38	0.6908	1.31	1.24	0.13	24%	23%	0.13
92446	0.120	3,450,122	0.62	0.1840	1.06	1.00	0.12	0%	0%	0.12
92447	0.095	445,287	0.39	0.0719	1.10	1.04	0.099	4%	4%	0.099
92451	0.146	28,643,227	1.07	0.5946	1.11	1.05	0.15	5%	3%	0.15
92478	0.105	183,522,268	1.06	0.9010	1.07	1.01	0.11	1%	5%	0.11
94007	0.276	89,044,557	1.25	0.8163	1.23	1.16	0.32	16%	16%	0.32
94276	0.267	16,826,989	1.04	0.4694	1.10	1.04	0.28	4%	5%	0.28
94569	0.234	29,067,832	1.23	0.5980	1.20	1.13	0.26	13%	11%	0.26
95410	0.164	67,050,859	1.20	0.7706	1.19	1.12	0.18	12%	10%	0.18
95455	0.092	7,098,355	1.36	0.2884	1.22	1.15	0.11	15%	20%	0.11
95505	0.126	1,004,195	1.52	0.0950	1.19	1.12	0.14	12%	11%	0.14
95625	0.212	14,221,852	1.30	0.4306	1.22	1.15	0.24	15%	13%	0.24
95647	0.367	310,872,443	1.08	0.9389	1.08	1.02	0.37	2%	1%	0.37
96053	0.248	4,683,757	1.25	0.2226	1.18	1.11	0.28	11%	13%	0.28
96410	0.495	18,551,443	1.20	0.4923	1.18	1.11	0.55	11%	11%	0.55
96611	0.089	2,973,837	0.84	0.1681	1.11	1.05	0.093	5%	4%	0.093
97447	0.273	79,138,832	1.38	0.7982	1.34	1.26	0.34	26%	25%	0.34
97650	0.217	4,123,944	1.15	0.2056	1.16	1.09	0.24	9%	11%	0.24

\* - Base class @ - (5)x(4) + (100%-(5))x(1) # - (6) for class / (6) for base class  
 U - Upper cap L - Lower cap

## LOCAL PRODUCTS/COMPLETED OPERATIONS CREDIBILITY-WEIGHTED DIFFERENTIAL REVIEW - 2022

COMPLETED OPERATIONS

CLASS GROUP: 12

COMPLETED OPERATIONS - MEDIUM

 CLASS GROUP EXPERIENCE RATIO = (1)  
1.16

	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
	CURRENT	10 YEAR	10 YEAR		FORMULA	NORM.	INDICATED			
	IMPLIED CLASS	MONO/MULTI	EXPERIENCE		EXPERIENCE	INDIC. CHG.	DIFF	INDICATED	SELECTED	SELECTED
CLASS	DIFFERENTIAL	ALCCL	RATIO	CREDIBILITY	RATIO @	TO DIFF #	(2) x (7)	CHANGE	CHANGE	DIFF
97651	0.248	2,540,651	1.59	0.1531	1.23	1.16	0.29	16%	17%	0.29
97652	0.238	549,585	6.55	0.0711	1.54	1.45	0.35	45%	30%	0.31
97653	0.179	7,043,146	1.15	0.2870	1.16	1.09	0.20	9%	12%	0.20
97654	0.192	1,074,971	0.24	0.0979	1.07	1.01	0.19	1%	-1%	0.19
97655	0.263	12,855,693	1.03	0.4079	1.11	1.05	0.28	5%	6%	0.28
98002	0.062	674,025	0.05	0.0815	1.07	1.01	0.063	1%	2%	0.063
98482	0.382	245,792,705	1.14	0.9240	1.14	1.08	0.41	8%	7%	0.41
98483	1.000	302,537,594	1.05	0.9374	1.06	1.00	1.00	0%	0%	1.00
98502	0.217	4,085,411	1.31	0.2044	1.19	1.12	0.24	12%	11%	0.24
98636	0.223	20,983,233	0.98	0.5214	1.07	1.01	0.23	1%	3%	0.23
98677	0.587	42,921,017	1.22	0.6846	1.20	1.13	0.66	13%	12%	0.66
98678	0.780	28,394,073	1.19	0.5926	1.18	1.11	0.87	11%	12%	0.87
98806	0.216	6,866,498	1.11	0.2826	1.15	1.08	0.23	8%	6%	0.23
98820	0.196	32,817,374	1.25	0.6258	1.22	1.15	0.23	15%	17%	0.23
98884	0.112	23,282,289	1.38	0.5460	1.28	1.21	0.14	21%	25%	0.14
99004	0.098	363,791	0.47	0.0685	1.11	1.05	0.10	5%	2%	0.10
99080	0.494	10,919,348	0.76	0.3725	1.01	0.95	0.47	-5%	-5%	0.47
99315	0.114	11,152,970	1.41	0.3770	1.25	1.18	0.13	18%	14%	0.13
99321	0.147	22,006,276	1.07	0.5327	1.11	1.05	0.15	5%	2%	0.15
99613	0.138	12,896,439	1.21	0.4086	1.18	1.11	0.15	11%	9%	0.15
99650	0.061	6,149,645	1.21	0.2639	1.17	1.10	0.067	10%	10%	0.067
99746	0.179	34,156,132	1.34	0.6348	1.27	1.20	0.21	20%	17%	0.21

\* - Base class

@ - (5)x(4) + (100%-(5))x(1)

# - (6) for class / (6) for base class

U - Upper cap

L - Lower cap

Note: A selected differential (0.31) was made for class 97652 to temper the impact of one large occurrence.

(1)

0.99

EXHIBIT C23

ALABAMA GL-2022-BGL1  
BASIC LIMIT LOSS COST LEVEL  
GENERAL LIABILITY OTHER THAN PROFESSIONAL  
PREMISES/OPERATIONS & PRODUCTS/COMPLETED OPERATIONS  
ACTUARIAL ANALYSIS SUPPLEMENT

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

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

<u>SUBLINE</u>	<u>INDICATED</u>	<u>SELECTED</u>
M&C	-13.3%	-13.3%
OL&T	+0.4%	+0.4%
Premises/Operations	-6.8%	-6.8%
Products	-13.1%	-13.1%
Local Products/Completed Operations	-5.3%	-5.3%
Products/Completed Operations	-6.7%	-6.7%
GL Overall	-6.8%	-6.8%

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

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HISTORICAL                      The sources of the data underlying this loss cost review are:  
SOURCE DATA

ISO reporting companies' voluntary experience.  
Fiscal- accident year data through year ended 3/31/2021 for Premises/Operations.  
Calendar - accident year data through year ended 12/31/2020 for Products/Completed Operations.

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

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

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## CALL TO CALL COMPARISON

### Manufacturers and Contractors

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 a 6.8% increase in ALCCL;
- Implemented loss cost level change (+2.5%);
- A change in exposure trend plus an additional year of trending (+9.1%);
- The effect on ALCCL due to a change in average IPMFs (-0.5%).

The Basic Limit Experience Ratios (BLERs) decreased in 2017 (-17.8%), 2018 (-14.2%), 2019 (-15.8%) and 2020 (-41.3%). This is mainly due to favorable experience across several class groups.

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### Owners, Landlords and Tenants

The Aggregate Loss Costs at Current Level (ALCCL) increased by an average of 21.9%, when the four years common to both this year's and last year's reviews are compared. This is primarily accounted for by the following changes since the prior review:

- A change in company mix which caused an 4.4% increase in ALCCL;
- Implemented loss cost level change (+13.3%);
- A change in exposure trend plus an additional year of trending (+2.1%);
- The effect on ALCCL due to a change in average IPMFs (+0.1%).

The BLER decreased in 2019 (-24.2%). This is mainly due to favorable experience across several class groups.

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### Products

Multistate ALCCL increased by an average of 3.8% over the four common years in the latest call. This can be accounted for by the following changes since the prior review:

- A change in company mix which caused a 1.3% increase in ALCCL;
- Implemented an average loss cost level change of approximately -6.1% in most states;
- A change in exposure trend plus an additional year of trending of +6.6%;
- The effect on ALCCL due to a change in average IPMFs (+0.9%).

The BLERs changed due to the various effects listed above.

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CALL TO CALL  
COMPARISON  
(Cont'd)

Local Products/  
Completed Ops

Multistate ALCCL increased by an average of 21.3% over the four common years in the latest call. This can be accounted for by the following changes since the prior review:

- A change in the companies mix which caused a 4.1% increase in ALCCL;
- Implemented an average loss cost level change of approximately +9.3% in most states;
- A change in exposure trend plus an additional year of trending of +9.4%;
- The effect on ALCCL due to a change in average IPMFs (-0.1%).

The BLERs changed due to the various effects listed above.

LATEST CALL  
YEAR TO YEAR  
COMPARISON

Manufacturers and  
Contractors

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

The low BLERs for 2017 (0.899), 2018 (0.798), 2019 (0.688), 2020 (0.724) and 2021 (0.743) are attributable to favorable experience in several class groups.

Owners, Landlords  
and Tenants

The ALCCL decreased every year.

The low BLERs for 2018 (0.893), 2020 (0.860) and 2021 (0.898) are attributable to favorable experience in several class groups.

Products

The ALCCL increased from 2016 to 2017, decreased in 2018, increased in 2019 and then decreased thereafter.

The BLER decreased from 2016 to 2020.

Local Products/  
Completed Ops

The ALCCL increased steadily from 2016 to 2019 and then decreased thereafter.

The BLER decreased from 2016 to 2020.

LOSS  
DEVELOPMENT  
FACTOR  
COMPARISON

Manufacturers and  
Contractors

The BI and PD indemnity loss development factors for the 2022 review remained stable compared to those in the 2021 review.

The multistate full coverage BI indemnity loss development factors for the 2022 review have increased compared to those in the 2021 review. The multistate full coverage PD indemnity loss development factors for the 2022 review remained stable compared to those in the 2021 review.

The multistate deductible coverage BI indemnity loss development factors for the 2022 review remained stable compared to the 2021 review. The multistate deductible coverage PD indemnity loss development factors for the 2022 review have increased compared to the 2021 review.

The multistate Fringe indemnity loss development factors for the 2022 review have decreased compared to the 2021 review.

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Owners, Landlords  
and Tenants

The BI and PD indemnity loss development factors for the 2022 review remained stable compared to those in the 2021 review.

The multistate full coverage BI and PD indemnity loss development factors for the 2022 review have increased compared to those in the 2021 review.

The multistate deductible coverage BI indemnity loss development factors for the 2022 review have increased compared to those in the 2021 review. The multistate deductible coverage PD indemnity loss development factors for the 2022 review have decreased compared to those in the 2021 review.

The multistate Fringe indemnity loss development factors for the 2022 review remained stable compared to the 2021 review.

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Products

The multistate full coverage BI indemnity loss development factors for the 2022 review have increased compared to those in the 2021 review. The multistate full coverage PD indemnity loss development factors for the 2022 review remained stable compared to those in the 2021 review.

The multistate deductible coverage BI indemnity loss development factors for the 2022 review have decreased compared to the 2021 review. The multistate deductible coverage PD indemnity loss development factors for the 2022 review remained stable compared to those in the 2021 review, with a decrease in the 15 months-to-ultimate factor.

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LOSS  
DEVELOPMENT  
FACTOR  
COMPARISON  
(Cont'd)

Local Products/  
Completed Ops

For Local Products, the multistate full coverage BI indemnity loss development factors for the 2022 review have increased compared to those in the 2021 review. The multistate full coverage PD indemnity loss development factors for the 2022 review have decreased compared to those in the 2021 review. The multistate deductible coverage BI and PD indemnity loss development factors for the 2022 review remained stable compared to the 2021 review.

For Completed Operations, the full coverage BI and PD indemnity loss development factors for the 2022 review remained stable compared to those in the 2021 review.

The Completed Operations multistate full coverage BI and PD indemnity loss development factors for the 2022 review have increased compared to those in the 2021 review. The multistate deductible coverage BI indemnity loss development factors for the 2022 review have increased compared to those in the 2021 review. The multistate deductible coverage PD indemnity loss development factors for the 2022 review remained stable compared to those in the 2021 review.

One might expect PD loss development to be higher due to the Montrose decision in California. In response to the Montrose decision, ISO has introduced revised wording into the CGL policy to better define the concept of known loss. This revision represents neither a broadening nor a restriction in coverage from the original intent, however, it may result in the shifting of coverage, under certain circumstances, between an insured's current policy and past or future policies.

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ALAE Development

To develop ALAE losses for all sublines and loss types (BI, PD and Fringe), we are using an incremental method that is based on a percentage of the total limit indemnity losses developed to ultimate. Since this is a procedure that produces incremental factors instead of multiplicative factors, there is no appropriate factor comparison available to last year's review.

One of the primary purposes of this procedure is to produce accurate and stable developed ALAE, especially for immature accident years.

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SEVERITY TREND COMPARISON	Manufacturers and Contractors	The BI severity trend selection is +4.0%, down from +4.5% in the previous Calendar review.
		The PD severity trend selection is +4.0%, down from +4.5% in the previous Calendar review.
		The Fringe severity trend selection is 0.0%, unchanged from 0.0% in the previous Calendar review.
	<hr/>	
	Owners, Landlords and Tenants	The BI severity trend selection is +5.0%, up from +4.5% in the previous Calendar review.
		The PD severity trend selection is +6.0%, up from +5.5% in the previous Calendar review.
		The Fringe severity trend selection is 0.0%, unchanged from 0.0% in the previous Calendar review.
	<hr/>	
	Products	The BI severity trend selection is +3.0%, unchanged from +3.0% in the previous review.
		The PD severity trend selection is +4.5%, down from +5.5% in the previous review.
	<hr/>	
	Local Products/ Completed Ops	The BI severity trend selection is +5.5%, up from +5.0% in the previous review.
		The PD selected severity trend is +4.0%, down from +4.5% in the previous review.
	<hr/>	

FREQUENCY  
TREND  
COMPARISON

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

Manufacturers and  
Contractors

The latest frequency point is lower than the prior point.

Owners, Landlords  
and Tenants

The latest frequency point is lower than the prior point.

Products

The latest frequency point is lower than the prior point.

Local Products/  
Completed Ops

The latest frequency point is lower than the prior point.

EXPOSURE  
TREND  
COMPARISON

Manufacturers and  
Contractors

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

Owners, Landlords  
and Tenants

The exposure trend factors for Class Groups 1-13 are higher than those used in the previous review for all three years. For Class Group 16, the exposure trend factors are higher than that used in the previous review for all three years.

Products

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

Local Products/  
Completed Ops

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

WEIGHTED AVERAGE IMPLICIT PACKAGE MODIFICATION FACTOR (IPMF) COMPARISON	Manufacturers and Contractors	The current weighted average IPMF is 0.857. In the 2021 review the weighted average IPMF was 0.861.
	Owners, Landlords and Tenants	The current weighted average IPMF is 0.896. In the 2021 review the weighted average IPMF was 0.893.
	Products	The current multistate weighted average IPMF is 0.878. In the 2021 review the multistate weighted average IPMF was 0.865.
	Local Products/ Completed Ops	The current multistate weighted average IPMF is 0.997. In the Group 2, 2021 review the multistate weighted average IPMF was 0.998.
The IPMF's are applied to the multiline ALCCL.		
CLASS GROUP/ TERRITORY/ STATE RELATIVE CHANGE	The class group relative changes for Manufacturers and Contractors vary within reasonable limits.	
	The class group and territory relative changes for Owners, Landlords and Tenants vary within reasonable limits.	
	For Local Products, Alabama's state balanced relative change (1.049) ranks 7th highest overall. In last year's review, Alabama's state balanced relative change (1.015) ranked 16th highest overall.	
CHANGE IN COMPANY MIX SINCE LAST CALL	For Manufacturers and Contractors the change in company mix results in an average increase of 6.8% in the total statewide ALCCL.	
	For Owners, Landlords and Tenants, the change in company mix results in an average increase of 4.4% in the total statewide ALCCL.	
	For Products, the change in company mix results in a 1.3% increase in the total multistate ALCCL.	
	For Local Products/Completed Operations, the change in company mix results in a 4.1% increase in the total multistate ALCCL.	

\$100,000/200,000 BASIC LIMIT OCCURRENCE Premises/Operations (Prem/Ops) (Subline Code 334) Territory 501 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	.233	.167	10150	1.08	(a)	11204	.68	1.89	13111	1.47	.08
10011	.056	(a)	10151	27.20	—	11205	(a)	—	13112	.06	.054
10012	.065	(a)	10160	4.84	—	11206	1.38	—	13201	.90	.123
10015	12.30	—	10204	.49	—	11207	17.40	—	13204	1.02	.86
10020	(a)	(a)	10205	.55	—	11208	2.99	—	13205	.39	.34
10025	.056	(a)	10210	.88	(a)	11209	14.00	—	13206	(a)	(a)
10026	1.41	.026	10211	.88	(a)	11210	5.97	—	13207	(a)	(a)
10027	.056	(a)	10220	10.30	—	11211	31.00	—	13208	(a)	(a)
10036	.67	(a)	10255	.247	.14	11212	4.70	—	13314	.26	.012
10040	.178	.32	10256	.91	.198	11213	3.83	—	13351	.64	.07
10042	.81	.42	10257	.171	.146	11214	9.44	—	13352	.65	.05
10052	8.54	—	10309	.35	.023	11222	.159	—	13410	1.42	1.66
10054	7.57	—	10315	.83	(a)	11234	.61	.074	13411	(a)	(a)
10060	.39	.079	10331	16.70	—	11248	.047	.013	13412	.48	1.19
10065	.58	.057	10332	28.90	—	11258	1.59	.185	13453	.55	(a)
10066	.59	.089	10352	.77	.055	11259	1.70	.11	13454	.65	(a)
10070	.134	.134	10367	7.99	—	11273	30.40	—	13455	.66	(a)
10071	.69	.134	10368	11.70	—	11274	29.20	—	13461	(a)	(a)
10072	9.04	—	10375	(a)	—	11288	1.95	.073	13506	2.00	.09
10073	1.04	.61	10378	16.90	—	12014	.101	.051	13507	2.41	.197
10075	7.71	.216	10379	7.87	—	12356	2.58	.038	13590	.49	.61
10100	1.32	.054	10380	13.40	—	12361	.071	.066	13621	.124	.34
10101	.52	.16	10381	11.60	—	12362	.147	(a)	13670	.04	.018
10105	5.66	—	11007	3.40	—	12373	.056	.022	13673	1.20	.019
10107	3.18	.31	11020	.66	.248	12374	1.34	.061	13715	.147	.111
10110	42.00	—	11039	.90	.065	12375	.66	.04	13716	.99	.132
10111	.29	.059	11052	3.32	—	12391	.11	.059	13720	.68	.054
10113	.78	—	11101	(a)	(a)	12393	.88	(a)	13759	.39	.14
10115	1.56	.099	11120	(a)	—	12467	.36	(a)	13930	.31	.147
10117	12.30	—	11126	.136	.023	12509	.062	.026	14068	.085	.01
10119	(a)	—	11127	.74	.011	12510	.78	.031	14101	1.00	.06
10120	27.50	—	11128	1.00	.09	12583	.35	(a)	14279	.47	.088
10130	7.72	—	11138	4.18	—	12651	1.02	.45	14401	1.60	.095
10132	6.65	—	11155	.47	—	12683	.47	(a)	14405	2.00	—
10133	3.20	—	11160	(a)	(a)	12707	.96	.48	14527	.60	.169
10135	(a)	—	11167	.77	—	12797	.203	.177	14655	.193	—
10140	.033	.02	11168	3.97	—	12805	.70	.206	14731	3.30	—
10141	.065	.021	11201	29.80	—	12841	1.17	—	14732	.244	—
10145	.31	.01	11202	8.80	—	12927	.205	—	14733	1.35	—
10146	.59	.016	11203	1.73	.38	13049	.037	.044	14734	.58	—

## DIVISION SIX

## PREM/OPS TERR. 501

## GENERAL LIABILITY

## PROD/COPS

## LOSS COST PAGES

\$100,000/200,000 BASIC LIMIT OCCURRENCE Premises/Operations (Prem/Ops) (Subline Code 334) Territory 501 Products/Completed Operations (Prod/Cops) (Subline Code 336) Entire State Territory 999											
Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops
14855	.218	.11	16670	6.95	—	18501	1.28	.014	40072	(a)	—
14913	.73	.18	16676	.65	.019	18506	.44	.008	40075	83.80	—
15060	(a)	(a)	16694	.41	(a)	18507	.41	.011	40101	46.10	—
15061	(a)	(a)	16705	.47	.113	18570	4.27	—	40102	40.80	—
15062	.195	(a)	16722	(a)	—	18575	(a)	(a)	40111	13.60	—
15063	.228	(a)	16723	(a)	—	18616	.33	.49	40115	(a)	—
15070	.27	—	16750	.227	.035	18707	.022	.006	40117	(a)	—
15119	(a)	—	16751	.227	—	18708	.25	.028	40140	(a)	—
15120	(a)	—	16819	1.18	(a)	18833	.26	(a)	41001	.46	—
15123	3.19	—	16820	.92	(a)	18834	.65	.142	41210	(a)	—
15124	1.12	—	16881	3.56	(a)	18911	2.05	.023	41421	.57	—
15188	.34	(a)	16890	.139	(a)	18912	3.85	.038	41422	.30	—
15223	.047	.039	16891	.151	(a)	18920	1.00	.024	41510	103.00	—
15224	.72	.063	16892	.27	(a)	18991	(a)	—	41603	27.00	—
15300	(a)	—	16900	2.84	.076	19007	1.25	—	41604	14.80	—
15314	.47	(a)	16901	1.82	.10	19051	2.76	—	41620	2.49	—
15404	.089	(a)	16902	1.55	.055	19061	(a)	—	41650	38.00	—
15405	.131	(a)	16905	2.99	.066	19795	.67	(a)	41664	58.20	—
15406	.33	.056	16906	1.91	.094	19796	.78	—	41665	6.82	—
15488	.83	(a)	16910	1.71	.049	40005	(a)	—	41666	(a)	—
15538	.83	.02	16911	1.55	.047	40006	(a)	—	41667	159.00	—
15600	2.09	.126	16915	1.75	.046	40010	(a)	—	41668	149.00	—
15607	.35	—	16916	1.46	.055	40015	(a)	—	41669	1.05	—
15608	.47	.013	16920	3.88	.106	40020	(a)	—	41670	1.76	—
15656	13.80	—	16921	3.54	.042	40026	(a)	—	41672	(a)	—
15699	.87	—	16930	2.23	.132	40031	(a)	—	41673	(a)	—
15733	.218	.03	16931	2.41	.056	40032	(a)	—	41675	(a)	—
15839	.63	.037	16940	4.84	.042	40040	(a)	—	41677	.52	—
15991	.51	.091	16941	1.94	.075	40041	(a)	—	41678	92.30	—
15993	.43	.065	18078	.27	.181	40042	(a)	—	41679	(a)	(a)
16005	.078	.03	18109	.85	.038	40045	385.00	—	41680	19.70	—
16009	.27	.111	18110	.68	.04	40046	76.00	—	41696	1.63	—
16402	3.09	—	18200	(a)	—	40047	27.10	—	41697	1.13	—
16403	1.96	.198	18205	.41	.39	40059	9.71	—	41700	(a)	—
16404	2.47	—	18206	1.10	.138	40061	5.15	—	41715	12.50	—
16471	.49	—	18335	.80	.02	40063	172.00	—	41716	7.97	—
16501	.164	(a)	18435	1.40	.06	40064	50.60	—	43007	(a)	—
16527	.25	.27	18436	1.13	.129	40066	(a)	—	43117	(a)	—
16588	.124	(a)	18437	1.14	(a)	40067	(a)	—	43151	41.70	—
16604	.208	.10	18438	2.18	(a)	40069	(a)	—	43152	27.60	—

\$100,000/200,000 BASIC LIMIT OCCURRENCE Premises/Operations (Prem/Ops) (Subline Code 334) Territory 501 Products/Completed Operations (Prod/Cops) (Subline Code 336) Entire State Territory 999											
Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops
43200	159.00	—	44112	1.28	—	45771	.39	.131	47254	(a)	—
43215	(a)	—	44113	(a)	—	45819	.126	.085	47318	16.20	—
43421	43.50	—	44193	(a)	—	45900	.239	.032	47367	.52	—
43422	228.00	—	44194	(a)	—	45901	.205	.039	47420	3.56	—
43424	(a)	—	44222	(a)	—	45937	.36	—	47468	(a)	—
43470	9.48	—	44276	213.00	—	45993	(a)	(a)	47469	5.69	—
43517	(a)	—	44277	138.00	—	46004	36.10	—	47471	4.93	—
43518	25.00	—	44280	.52	—	46005	28.80	—	47473	6.45	—
43550	155.00	—	44311	12.90	—	46112	.182	—	47474	7.21	—
43551	86.10	—	44315	8.66	—	46202	3.34	—	47475	5.69	—
43626	20.00	—	44427	167.00	—	46362	322.00	—	47476	5.69	—
43628	259.00	—	44428	168.00	—	46426	47.10	—	47477	7.59	—
43629	220.00	—	44429	2.51	—	46427	62.90	—	47478	7.97	—
43754	(a)	—	44430	1.75	—	46510	(a)	—	47600	(a)	—
43760	7.32	—	44431	5.59	—	46590	(a)	—	47610	(a)	—
43822	7.48	—	44432	1.77	—	46603	3.95	—	48039	113.00	—
43840	.093	—	44433	56.40	—	46604	4.56	—	48177	(a)	—
43860	5.93	—	44434	108.00	—	46606	12.10	—	48178	(a)	—
43889	2.12	—	44435	112.00	—	46607	16.70	—	48206	52.80	—
43945	(a)	—	44436	130.00	—	46622	22.00	—	48252	(a)	—
43946	(a)	—	44437	108.00	—	46671	(a)	—	48441	.222	—
43990	(a)	(a)	44438	85.50	—	46700	319.00	—	48557	22.20	—
43991	(a)	—	44439	166.00	—	46773	(a)	—	48558	19.30	—
44009	3.89	—	44440	138.00	—	46822	(a)	—	48600	94.10	—
44010	(a)	(a)	44500	(a)	—	46881	(a)	—	48610	(a)	—
44069	21.30	—	44501	(a)	—	46882	(a)	—	48636	1.28	(a)
44070	6.32	—	45190	2.63	—	46911	39.50	—	48637	16.90	—
44071	7.03	—	45191	1.87	—	46912	72.30	—	48638	8.41	—
44072	4.85	—	45192	2.18	—	46913	(a)	—	48727	(a)	—
44100	3.85	—	45193	1.29	—	46914	(a)	—	48808	3.52	—
44101	4.01	—	45210	1.63	—	46915	(a)	—	48924	(a)	—
44102	3.13	—	45224	(a)	—	46916	(a)	—	48925	406.00	—
44103	2.77	—	45225	(a)	—	47050	2.04	—	49005	.35	—
44104	1.16	—	45334	91.50	—	47051	(a)	—	49111	5.39	—
44105	(a)	—	45380	.25	(a)	47052	(a)	—	49181	36.80	—
44106	(a)	—	45450	26.90	—	47103	(a)	—	49183	44.80	—
44108	1.36	—	45523	(a)	—	47146	(a)	—	49184	94.60	—
44109	3.45	—	45524	(a)	—	47147	(a)	—	49185	86.10	—
44110	3.53	—	45539	(a)	—	47221	350.00	—	49239	.19	.36
44111	2.16	—	45678	.56	—	47253	(a)	—	49292	2.69	—

## DIVISION SIX

## PREM/OPS TERR. 501

## GENERAL LIABILITY

## PROD/COPS

## LOSS COST PAGES

\$100,000/200,000 BASIC LIMIT OCCURRENCE Premises/Operations (Prem/Ops) (Subline Code 334) Territory 501 Products/Completed Operations (Prod/Cops) (Subline Code 336) Entire State Territory 999											
Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops
49305	(a)	—	51240	.39	.215	51702	.122	(a)	51986	.189	.082
49333	19.70	—	51241	1.15	.24	51703	.051	(a)	51999	.08	.32
49451	(a)	—	51250	.205	(a)	51734	.095	.43	52002	.07	.104
49452	(a)	—	51251	.033	(a)	51741	.202	.26	52075	.151	.197
49617	.26	.159	51252	.117	.061	51752	.171	.141	52076	.181	(a)
49618	.22	.066	51253	.10	(a)	51767	.014	.007	52109	.018	(a)
49619	.41	.153	51254	.031	.025	51777	.049	.058	52134	.234	.56
49763	2.69	—	51255	.52	(a)	51790	.081	(a)	52137	.059	(a)
49800	(a)	—	51300	.067	.127	51796	.074	(a)	52150	.43	(a)
49801	308.00	—	51305	.067	.76	51808	.26	.53	52315	.064	.27
49802	27.30	—	51315	.124	.08	51809	.33	.173	52341	.037	(a)
49803	48.40	—	51330	.079	.82	51833	.073	.051	52342	.107	(a)
49840	2.12	—	51333	.026	.28	51850	.191	(a)	52343	.065	(a)
49870	170.00	—	51340	.032	(a)	51851	.13	(a)	52401	.202	(a)
49890	(a)	—	51350	.113	.115	51852	.30	(a)	52402	.018	(a)
49891	(a)	—	51351	.101	.045	51853	.122	(a)	52432	.088	(a)
49902	(a)	—	51352	.139	.09	51854	.27	(a)	52433	.08	.65
49903	(a)	—	51355	.095	.082	51855	.29	(a)	52435	.10	(a)
50010	.189	.33	51356	.102	.47	51856	.158	(a)	52438	.073	(a)
50011	.072	(a)	51357	.176	.95	51857	.27	(a)	52440	.114	(a)
50012	.07	(a)	51358	.42	.111	51869	.087	.138	52467	.105	(a)
50015	.123	(a)	51359	.37	.62	51877	.49	.156	52469	.037	.085
50017	.094	(a)	51370	.38	2.69	51889	.08	.01	52505	.183	.195
50018	.065	(a)	51380	.038	.039	51896	.038	.017	52547	.175	.058
50019	.05	(a)	51400	.185	(a)	51900	.055	.098	52581	.89	1.80
50045	.214	(a)	51401	.27	(a)	51909	.173	.048	52619	.063	(a)
50047	.024	(a)	51500	.072	.145	51919	.081	(a)	52660	.183	—
51001	.044	.38	51516	.155	—	51926	.083	.041	52744	.28	.052
51005	.009	(a)	51517	.175	—	51927	.045	.10	52767	.16	(a)
51116	.112	.64	51550	.089	.42	51934	.091	.082	52876	(a)	(a)
51201	.032	(a)	51551	.031	.83	51941	.082	.034	52911	.05	.42
51205	.098	.046	51552	.053	.137	51942	.132	—	52967	.019	.052
51206	.015	.37	51553	.095	(a)	51956	.36	.14	53001	.184	.241
51210	.078	(a)	51554	.009	(a)	51957	.31	.37	53077	.088	.204
51211	(a)	(a)	51575	.03	.023	51958	.28	.31	53095	.061	(a)
51220	.27	1.48	51576	.171	.101	51959	.28	(a)	53096	.084	(a)
51221	.148	1.47	51600	.116	.194	51960	.038	.30	53121	.239	.46
51222	.18	4.76	51613	.077	.141	51970	.164	.138	53147	.027	(a)
51224	.189	1.17	51625	.041	(a)	51982	.048	.068	53229	.152	(a)
51230	.032	.64	51666	.048	.085	51985	.144	—	53271	.045	(a)

\$100,000/200,000 BASIC LIMIT OCCURRENCE Premises/Operations (Prem/Ops) (Subline Code 334) Territory 501 Products/Completed Operations (Prod/Cops) (Subline Code 336) Entire State Territory 999											
Class Code	Prem/Ops	Prod/Cops	Class Code	Prem/Ops	Prod/Cops	Class Code	Prem/Ops	Prod/Cops	Class Code	Prem/Ops	Prod/Cops
53333	.149	.249	55715	.188	.169	56918	.06	(a)	58096	.167	1.35
53374	.074	.191	55716	.27	.41	56919	.154	(a)	58301	.048	.086
53375	.039	.31	55717	.204	(a)	56920	.141	(a)	58302	.045	.042
53376	.063	.159	55718	.197	(a)	56980	.093	(a)	58397	.26	.45
53377	.064	.172	55802	.049	.013	57001	.032	.023	58408	.122	–
53403	.041	(a)	55918	.108	1.76	57002	.021	.08	58409	.155	–
53425	.141	(a)	55919	.015	2.95	57090	.226	.83	58456	.082	–
53565	.047	.081	56040	.01	.028	57146	.143	.64	58457	.119	–
53631	.028	.019	56041	.067	(a)	57202	.083	(a)	58458	.155	–
53632	.032	.029	56042	.084	(a)	57257	.103	.042	58459	.185	–
53731	.029	(a)	56170	.138	(a)	57401	.058	.079	58503	.07	.08
53732	.20	.45	56171	.068	(a)	57403	.10	.03	58532	.09	(a)
53733	.13	.177	56202	.067	.063	57410	.028	.164	58559	.018	(a)
53734	.93	–	56390	.117	.64	57411	.035	(a)	58560	.044	(a)
53803	.34	(a)	56391	.10	.25	57572	.017	.094	58561	(a)	(a)
53901	(a)	(a)	56427	.162	.107	57600	.049	.03	58575	.057	.098
53902	(a)	(a)	56488	.081	.042	57611	.074	.044	58627	.183	.011
53903	(a)	(a)	56567	.143	(a)	57625	.43	(a)	58663	.32	.65
53904	(a)	(a)	56650	.44	(a)	57651	.053	.037	58682	.163	(a)
53905	(a)	(a)	56651	.238	(a)	57690	.096	.38	58713	.031	(a)
53907	.088	.078	56652	.17	(a)	57716	.046	.08	58737	.118	.49
53951	(a)	(a)	56653	.164	(a)	57725	.10	.083	58756	.059	(a)
53952	(a)	(a)	56654	.084	(a)	57726	.078	.025	58757	.40	(a)
53953	(a)	(a)	56690	.042	.31	57798	.027	(a)	58759	.049	(a)
54012	.093	–	56699	.074	.078	57800	.10	(a)	58802	.056	.39
54077	.12	.36	56758	.063	.123	57808	.038	(a)	58813	.146	(a)
54444	(a)	(a)	56759	.065	.07	57809	.039	(a)	58822	.154	(a)
55010	.36	.76	56760	.093	.087	57810	.038	.09	58837	.29	.155
55011	.098	2.01	56805	.122	(a)	57871	.046	.091	58840	.088	.11
55012	.117	.92	56806	.086	(a)	57913	.129	.206	58873	.139	.021
55013	.127	1.13	56807	.086	(a)	57997	.206	–	58903	.035	(a)
55014	(a)	(a)	56808	.112	(a)	57998	.057	.047	58904	.027	.108
55214	.095	.075	56900	.108	(a)	57999	.063	.065	58922	.232	.189
55371	.189	.096	56910	.054	(a)	58009	.063	(a)	59005	.067	.063
55410	(a)	(a)	56911	.123	(a)	58010	.133	(a)	59057	.50	(a)
55426	.154	(a)	56912	.10	.089	58020	.107	(a)	59058	.32	(a)
55597	.024	1.45	56913	.081	(a)	58056	.158	(a)	59188	.213	.047
55647	.047	.065	56915	.48	(a)	58057	.10	(a)	59189	.29	.25
55648	.021	(a)	56916	.44	.26	58058	.089	(a)	59223	.144	.128
55649	.026	(a)	56917	.126	(a)	58095	.126	1.22	59257	.018	.011



## DIVISION SIX

PREM/OPS TERR. 501

## GENERAL LIABILITY

PROD/COPS

## LOSS COST PAGES

\$100,000/200,000 BASIC LIMIT OCCURRENCE Premises/Operations (Prem/Ops) (Subline Code 334) Territory 501 Products/Completed Operations (Prod/Cops) (Subline Code 336) Entire State Territory 999											
Class Code	Prem/Ops	Prod/Cops	Class Code	Prem/Ops	Prod/Cops	Class Code	Prem/Ops	Prod/Cops	Class Code	Prem/Ops	Prod/Cops
59306	.113	(a)	59923	.013	.006	62003	24.90	—	91125	3.46	1.95
59378	.094	.124	59925	.38	1.15	63010	50.60	—	91127	3.13	1.23
59481	.30	.096	59926	.32	.46	63011	63.30	—	91130	2.10	—
59482	.222	(a)	59927	.218	1.10	63012	90.00	—	91135	.59	(a)
59537	.101	.219	59931	.234	.37	63013	85.20	—	91150	2.97	6.06
59601	.115	1.80	59932	.25	.69	63215	82.30	—	91155	6.59	30.90
59647	.099	.141	59941	.079	(a)	63216	57.10	—	91160	1.39	—
59660	.211	.83	59947	.064	.26	63217	77.30	—	91175	1.20	—
59661	.103	(a)	59955	.03	.114	63218	26.00	—	91177	5.24	—
59693	.017	—	59963	.224	.32	63219	(a)	—	91179	5.26	—
59695	(a)	(a)	59964	.52	.059	63220	(a)	—	91190	2.83	(a)
59701	.008	.38	59970	.086	.147	64074	18.60	—	91200	1.20	—
59713	.189	.30	59973	.144	(a)	64075	13.10	—	91210	(a)	—
59722	.098	.023	59975	.121	.13	64500	(a)	—	91235	3.62	2.41
59723	.037	.03	59977	.069	(a)	65007	50.10	—	91250	5.45	(a)
59724	.056	.016	59984	.039	.041	66122	21.50	—	91265	25.60	3.43
59725	.07	.126	59985	.154	(a)	66123	11.90	—	91266	13.60	1.18
59726	.051	.023	59986	.118	(a)	66309	34.60	—	91280	(a)	3.31
59738	.163	.052	59988	.031	.05	66561	80.20	—	91302	16.50	(a)
59750	.075	.141	59989	.021	.037	67017	74.40	—	91315	4.99	—
59751	.027	(a)	60010	28.10	—	67508	45.50	—	91324	11.10	(a)
59773	.013	.023	60011	32.40	—	67509	33.40	—	91325	(a)	(a)
59774	.01	.127	60012	53.20	—	67510	18.60	—	91340	7.25	8.89
59775	.013	.156	60013	45.60	—	67511	20.10	—	91341	6.01	4.63
59781	.065	.065	60015	34.00	—	67512	86.20	—	91342	6.66	4.28
59782	.097	.62	60016	38.30	—	67513	54.70	—	91343	1.33	1.73
59783	.095	(a)	60035	56.50	—	67634	64.40	—	91405	8.45	—
59784	.073	(a)	61000	27.90	—	67635	45.50	—	91436	6.80	2.50
59790	.126	(a)	61212	28.80	—	68001	139.00	—	91481	24.80	—
59798	.248	.33	61216	32.00	—	68439	179.00	—	91507	3.66	3.56
59806	.178	(a)	61217	29.10	—	68500	6.19	—	91523	56.30	—
59867	.142	(a)	61218	19.90	—	68604	3.35	—	91547	.32	—
59886	.019	.087	61223	141.00	—	68606	13.10	—	91551	1.98	.82
59889	.041	.192	61224	45.10	—	68607	10.30	—	91555	2.18	1.16
59892	.095	(a)	61225	62.60	—	68702	8.51	—	91560	7.50	4.84
59904	.064	.088	61226	105.00	—	68703	6.37	—	91562	4.42	—
59905	.089	.112	61227	96.30	—	68706	27.30	—	91577	15.90	3.74
59914	.52	.65	62000	21.90	—	68707	27.00	—	91580	9.90	—
59915	.213	.53	62001	17.30	—	90089	5.75	—	91581	(a)	(a)
59917	.039	.222	62002	7.90	—	91111	4.66	6.60	91582	(a)	(a)

\$100,000/200,000 BASIC LIMIT OCCURRENCE Premises/Operations (Prem/Ops) (Subline Code 334) Territory 501 Products/Completed Operations (Prod/Cops) (Subline Code 336) Entire State Territory 999											
Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops
91583	(a)	(a)	94444	(a)	(a)	97223	3.62	2.95	98308	1.52	1.12
91584	(a)	(a)	94569	3.91	4.63	97308	1.05	—	98309	9.00	2.47
91585	(a)	(a)	94590	16.90	—	97447	3.45	6.06	98344	1.13	.85
91586	(a)	(a)	94617	5.33	—	97501	(a)	—	98405	1.86	—
91587	(a)	(a)	94638	(a)	—	97502	(a)	—	98413	19.20	(a)
91588	(a)	(a)	95124	1.96	1.35	97503	(a)	—	98414	17.60	(a)
91589	(a)	(a)	95233	4.22	—	97504	(a)	—	98415	2.31	(a)
91590	4.59	—	95305	4.57	—	97650	4.87	4.28	98423	5.50	(a)
91591	(a)	(a)	95306	8.24	—	97651	10.20	5.17	98424	9.32	(a)
91606	20.50	—	95310	10.90	1.25	97652	8.85	5.53	98425	3.83	(a)
91618	(a)	(a)	95357	2.10	—	97653	4.17	3.56	98426	3.38	(a)
91629	4.20	(a)	95358	(a)	—	97654	7.27	3.38	98427	3.29	—
91636	7.20	—	95410	5.90	3.20	97655	7.88	4.77	98428	(a)	—
91641	1.95	(a)	95455	8.70	1.96	98002	1.43	1.12	98429	1.87	—
91666	1.24	(a)	95487	3.16	(a)	98003	1.30	(a)	98430	(a)	—
91722	6.30	(a)	95505	4.05	2.50	98090	.176	—	98449	4.72	28.80
91746	4.42	5.42	95620	2.57	(a)	98091	.19	—	98482	5.07	7.31
91805	.28	—	95625	7.85	4.28	98092	.58	—	98483	7.48	17.90
92053	.68	.76	95630	(a)	(a)	98111	.91	—	98502	7.16	4.28
92054	.235	.26	95647	4.36	6.25	98150	(a)	—	98555	3.33	—
92055	6.57	.26	95648	(a)	(a)	98151	(a)	—	98597	.74	—
92101	10.20	3.56	96053	3.31	4.99	98152	4.80	.69	98598	.26	—
92102	6.18	3.92	96317	2.17	—	98153	5.40	(a)	98601	8.57	(a)
92215	5.19	3.56	96408	5.11	12.60	98154	6.37	(a)	98622	(a)	—
92338	2.37	2.32	96409	4.72	8.96	98155	8.92	(a)	98623	(a)	—
92445	4.13	—	96410	4.15	9.80	98156	(a)	(a)	98624	1.35	—
92446	7.81	2.14	96611	1.67	1.66	98157	5.69	.36	98636	4.44	4.10
92447	6.82	1.77	96702	5.88	(a)	98158	(a)	(a)	98640	148.00	—
92451	3.62	2.68	96703	(a)	—	98159	3.82	(a)	98658	9.23	—
92453	4.32	—	96816	5.52	—	98160	8.09	(a)	98659	1.65	.41
92478	2.14	1.96	96872	7.73	(a)	98161	9.08	(a)	98677	23.30	11.80
92593	47.50	—	96930	(a)	—	98162	(a)	(a)	98678	20.70	15.50
92663	.97	—	97002	(a)	(a)	98163	9.52	.205	98698	(a)	(a)
94007	14.70	5.59	97003	(a)	(a)	98164	3.06	.07	98699	6.74	(a)
94099	3.33	—	97047	5.06	—	98257	1.96	—	98705	13.10	—
94225	11.70	—	97050	3.93	—	98303	18.00	6.74	98710	4.68	—
94276	6.12	4.99	97111	7.05	—	98304	7.29	4.04	98751	6.97	—
94304	4.62	(a)	97220	.57	(a)	98305	4.06	2.02	98805	6.12	1.55
94381	8.68	11.10	97221	(a)	1.31	98306	10.40	1.10	98806	4.15	4.10
94404	5.79	5.03	97222	2.40	1.86	98307	2.31	.60	98810	5.72	—

## DIVISION SIX

PREM/OPS TERR. 501

## GENERAL LIABILITY

PROD/COPS

## LOSS COST PAGES

\$100,000/200,000 BASIC LIMIT OCCURRENCE Premises/Operations (Prem/Ops) (Subline Code 334) Territory 501 Products/Completed Operations (Prod/Cops) (Subline Code 336) Entire State Territory 999											
Class Code	Prem/Ops	Prod/Cops	Class Code	Prem/Ops	Prod/Cops	Class Code	Prem/Ops	Prod/Cops	Class Code	Prem/Ops	Prod/Cops
98813	5.53	2.24	99620	.64	—						
98820	11.70	4.10	99650	1.96	1.19						
98871	(a)	(a)	99709	4.84	(a)						
98884	3.04	2.50	99718	1.88	—						
98914	1.12	.56	99746	3.18	3.74						
98949	1.58	.32	99760	.37	—						
98967	4.77	11.40	99777	9.91	—						
98993	8.50	3.81	99793	4.04	—						
99003	2.26	1.37	99798	(a)	(a)						
99004	4.59	1.79	99803	(a)	8.88						
99080	1.61	8.38	99826	1.13	.78						
99081	(a)	—	99827	.58	.65						
99082	(a)	—	99851	2.35	—						
99083	(a)	—	99917	3.81	—						
99084	(a)	(a)	99938	4.28	—						
99085	(a)	(a)	99943	12.40	—						
99111	2.33	—	99946	9.24	2.50						
99160	(a)	—	99948	10.20	22.40						
99163	5.56	.41	99952	8.38	17.80						
99165	1.22	(a)	99953	9.05	10.80						
99220	2.47	(a)	99954	6.59	10.20						
99221	(a)	(a)	99955	8.25	9.58						
99222	4.65	(a)	99963	.92	—						
99223	.34	(a)	99969	4.50	2.66						
99303	18.60	—	99975	7.32	—						
99310	4.66	(a)	99986	(a)	—						
99315	13.70	2.35	99987	(a)	—						
99321	13.30	2.68	99988	3.98	—						
99445	(a)	(a)									
99471	1.12	—									
99505	7.19	—									
99506	8.85	—									
99507	7.72	—									
99570	4.15	(a)									
99571	1.00	(a)									
99572	1.96	(a)									
99573	1.87	(a)									
99600	1.99	—									
99613	11.80	2.68									
99614	4.45	—									

\$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	.156	.167	10150	.88	(a)	11204	.55	1.89	13111	1.83	.08
10011	.037	(a)	10151	22.10	—	11205	(a)	—	13112	.112	.054
10012	.043	(a)	10160	3.93	—	11206	1.31	—	13201	1.12	.123
10015	9.93	—	10204	.40	—	11207	16.60	—	13204	1.27	.86
10020	(a)	(a)	10205	.44	—	11208	2.84	—	13205	.49	.34
10025	.037	(a)	10210	.71	(a)	11209	13.30	—	13206	(a)	(a)
10026	1.14	.026	10211	.71	(a)	11210	5.68	—	13207	(a)	(a)
10027	.037	(a)	10220	8.34	—	11211	29.50	—	13208	(a)	(a)
10036	.83	(a)	10255	.31	.14	11212	4.47	—	13314	.212	.012
10040	.119	.32	10256	1.13	.198	11213	3.64	—	13351	.52	.07
10042	.65	.42	10257	.213	.146	11214	8.97	—	13352	.53	.05
10052	6.86	—	10309	.29	.023	11222	.151	—	13410	1.77	1.66
10054	6.09	—	10315	.67	(a)	11234	.50	.074	13411	(a)	(a)
10060	.31	.079	10331	13.50	—	11248	.059	.013	13412	.60	1.19
10065	.47	.057	10332	23.20	—	11258	1.97	.185	13453	.69	(a)
10066	.48	.089	10352	.95	.055	11259	2.11	.11	13454	.81	(a)
10070	.089	.134	10367	7.60	—	11273	24.70	—	13455	.82	(a)
10071	.56	.134	10368	11.10	—	11274	23.70	—	13461	(a)	(a)
10072	8.60	—	10375	(a)	—	11288	2.41	.073	13506	1.62	.09
10073	1.29	.61	10378	13.60	—	12014	.126	.051	13507	1.96	.197
10075	9.60	.216	10379	6.33	—	12356	2.09	.038	13590	.61	.61
10100	1.64	.054	10380	10.80	—	12361	.132	.066	13621	.154	.34
10101	.42	.16	10381	9.35	—	12362	.098	(a)	13670	.074	.018
10105	4.59	—	11007	3.23	—	12373	.037	.022	13673	1.49	.019
10107	3.96	.31	11020	.53	.248	12374	1.09	.061	13715	.098	.111
10110	33.80	—	11039	1.12	.065	12375	.53	.04	13716	.80	.132
10111	.195	.059	11052	5.13	—	12391	.073	.059	13720	.84	.054
10113	.64	—	11101	(a)	(a)	12393	.71	(a)	13759	.31	.14
10115	1.26	.099	11120	(a)	—	12467	.30	(a)	13930	.209	.147
10117	9.86	—	11126	.111	.023	12509	.077	.026	14068	.069	.01
10119	(a)	—	11127	.50	.011	12510	.98	.031	14101	.81	.06
10120	22.10	—	11128	.67	.09	12583	.43	(a)	14279	.59	.088
10130	6.26	—	11138	3.36	—	12651	1.27	.45	14401	1.99	.095
10132	5.40	—	11155	.38	—	12683	.58	(a)	14405	1.90	—
10133	4.94	—	11160	(a)	(a)	12707	.64	.48	14527	.40	.169
10135	(a)	—	11167	1.18	—	12797	.135	.177	14655	.157	—
10140	.061	.02	11168	6.13	—	12805	.57	.206	14731	5.09	—
10141	.121	.021	11201	28.30	—	12841	.95	—	14732	.38	—
10145	.58	.01	11202	8.37	—	12927	.166	—	14733	1.10	—
10146	.73	.016	11203	1.15	.38	13049	.068	.044	14734	.47	—

## DIVISION SIX

PREM/OPS TERR. 503

## GENERAL LIABILITY

PROD/COPS

## LOSS COST PAGES

\$100,000/200,000 BASIC LIMIT OCCURRENCE Premises/Operations (Prem/Ops) (Subline Code 334) Territory 503 Products/Completed Operations (Prod/Cops) (Subline Code 336) Entire State Territory 999											
Class Code	Prem/Ops	Prod/Cops	Class Code	Prem/Ops	Prod/Cops	Class Code	Prem/Ops	Prod/Cops	Class Code	Prem/Ops	Prod/Cops
14855	.27	.11	16670	5.59	—	18501	1.59	.014	40072	(a)	—
14913	.59	.18	16676	.53	.019	18506	.54	.008	40075	27.30	—
15060	(a)	(a)	16694	.51	(a)	18507	.33	.011	40101	45.00	—
15061	(a)	(a)	16705	.31	.113	18570	3.47	—	40102	39.80	—
15062	.243	(a)	16722	(a)	—	18575	(a)	(a)	40111	11.00	—
15063	.28	(a)	16723	(a)	—	18616	.41	.49	40115	(a)	—
15070	.25	—	16750	.184	.035	18707	.015	.006	40117	(a)	—
15119	(a)	—	16751	.184	—	18708	.203	.028	40140	(a)	—
15120	(a)	—	16819	1.47	(a)	18833	.175	(a)	41001	.37	—
15123	4.92	—	16820	1.14	(a)	18834	.53	.142	41210	(a)	—
15124	1.72	—	16881	2.89	(a)	18911	1.66	.023	41421	.41	—
15188	.43	(a)	16890	.173	(a)	18912	3.13	.038	41422	.216	—
15223	.087	.039	16891	.188	(a)	18920	.81	.024	41510	83.50	—
15224	.89	.063	16892	.34	(a)	18991	(a)	—	41603	19.20	—
15300	(a)	—	16900	3.01	.076	19007	1.92	—	41604	10.50	—
15314	.38	(a)	16901	1.93	.10	19051	4.27	—	41620	2.37	—
15404	.111	(a)	16902	1.64	.055	19061	(a)	—	41650	27.00	—
15405	.163	(a)	16905	3.17	.066	19795	.54	(a)	41664	46.80	—
15406	.42	.056	16906	2.02	.094	19796	.64	—	41665	5.48	—
15488	1.04	(a)	16910	1.81	.049	40005	(a)	—	41666	(a)	—
15538	.67	.02	16911	1.64	.047	40006	(a)	—	41667	128.00	—
15600	1.70	.126	16915	1.85	.046	40010	(a)	—	41668	120.00	—
15607	.33	—	16916	1.54	.055	40015	(a)	—	41669	.84	—
15608	.38	.013	16920	4.11	.106	40020	(a)	—	41670	1.41	—
15656	11.20	—	16921	3.75	.042	40026	(a)	—	41672	(a)	—
15699	.82	—	16930	2.36	.132	40031	(a)	—	41673	(a)	—
15733	.27	.03	16931	2.55	.056	40032	(a)	—	41675	(a)	—
15839	.51	.037	16940	5.13	.042	40040	(a)	—	41677	.49	—
15991	.42	.091	16941	2.05	.075	40041	(a)	—	41678	52.90	—
15993	.35	.065	18078	.177	.181	40042	(a)	—	41679	(a)	(a)
16005	.052	.03	18109	.69	.038	40045	309.00	—	41680	14.10	—
16009	.33	.111	18110	.55	.04	40046	61.10	—	41696	1.55	—
16402	2.51	—	18200	(a)	—	40047	21.80	—	41697	1.08	—
16403	1.59	.198	18205	.27	.39	40059	7.81	—	41700	(a)	—
16404	2.00	—	18206	.89	.138	40061	4.14	—	41715	8.93	—
16471	.47	—	18335	.65	.02	40063	138.00	—	41716	5.68	—
16501	.11	(a)	18435	1.73	.06	40064	40.70	—	43007	(a)	—
16527	.168	.27	18436	1.40	.129	40066	(a)	—	43117	(a)	—
16588	.154	(a)	18437	.92	(a)	40067	(a)	—	43151	13.60	—
16604	.26	.10	18438	1.77	(a)	40069	(a)	—	43152	15.80	—

\$100,000/200,000 BASIC LIMIT OCCURRENCE Premises/Operations (Prem/Ops) (Subline Code 334) Territory 503 Products/Completed Operations (Prod/Cops) (Subline Code 336) Entire State Territory 999											
Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops
43200	51.60	—	44112	1.45	—	45771	.48	.131	47254	(a)	—
43215	(a)	—	44113	(a)	—	45819	.157	.085	47318	13.10	—
43421	14.10	—	44193	(a)	—	45900	.194	.032	47367	.49	—
43422	74.20	—	44194	(a)	—	45901	.166	.039	47420	2.86	—
43424	(a)	—	44222	(a)	—	45937	.117	—	47468	(a)	—
43470	9.01	—	44276	69.30	—	45993	(a)	(a)	47469	4.06	—
43517	(a)	—	44277	44.90	—	46004	25.70	—	47471	3.52	—
43518	20.10	—	44280	.49	—	46005	20.60	—	47473	4.60	—
43550	50.50	—	44311	10.40	—	46112	.177	—	47474	5.14	—
43551	28.00	—	44315	6.97	—	46202	4.09	—	47475	4.06	—
43626	16.10	—	44427	163.00	—	46362	184.00	—	47476	4.06	—
43628	209.00	—	44428	164.00	—	46426	27.00	—	47477	5.41	—
43629	177.00	—	44429	2.45	—	46427	36.00	—	47478	5.68	—
43754	(a)	—	44430	1.71	—	46510	(a)	—	47600	(a)	—
43760	5.89	—	44431	5.45	—	46590	(a)	—	47610	(a)	—
43822	7.11	—	44432	1.73	—	46603	2.26	—	48039	36.60	—
43840	.088	—	44433	55.00	—	46604	2.61	—	48177	(a)	—
43860	5.64	—	44434	105.00	—	46606	6.95	—	48178	(a)	—
43889	2.02	—	44435	109.00	—	46607	9.56	—	48206	42.50	—
43945	(a)	—	44436	127.00	—	46622	20.90	—	48252	(a)	—
43946	(a)	—	44437	106.00	—	46671	(a)	—	48441	.178	—
43990	(a)	(a)	44438	83.40	—	46700	104.00	—	48557	17.80	—
43991	(a)	—	44439	162.00	—	46773	(a)	—	48558	15.50	—
44009	6.00	—	44440	134.00	—	46822	(a)	—	48600	53.90	—
44010	(a)	(a)	44500	(a)	—	46881	(a)	—	48610	(a)	—
44069	17.20	—	44501	(a)	—	46882	(a)	—	48636	1.75	(a)
44070	5.08	—	45190	3.22	—	46911	31.80	—	48637	13.60	—
44071	5.65	—	45191	2.29	—	46912	58.20	—	48638	6.76	—
44072	3.90	—	45192	2.67	—	46913	(a)	—	48727	(a)	—
44100	4.36	—	45193	1.58	—	46914	(a)	—	48808	2.86	—
44101	4.54	—	45210	2.00	—	46915	(a)	—	48924	(a)	—
44102	3.54	—	45224	(a)	—	46916	(a)	—	48925	326.00	—
44103	3.13	—	45225	(a)	—	47050	1.94	—	49005	.33	—
44104	1.32	—	45334	29.80	—	47051	(a)	—	49111	4.37	—
44105	(a)	—	45380	.32	(a)	47052	(a)	—	49181	12.00	—
44106	(a)	—	45450	8.75	—	47103	(a)	—	49183	14.60	—
44108	1.54	—	45523	(a)	—	47146	(a)	—	49184	30.80	—
44109	3.90	—	45524	(a)	—	47147	(a)	—	49185	28.00	—
44110	3.99	—	45539	(a)	—	47221	114.00	—	49239	.237	.36
44111	2.45	—	45678	.53	—	47253	(a)	—	49292	.88	—

## DIVISION SIX

PREM/OPS TERR. 503

## GENERAL LIABILITY

PROD/COPS

## LOSS COST PAGES

\$100,000/200,000 BASIC LIMIT OCCURRENCE Premises/Operations (Prem/Ops) (Subline Code 334) Territory 503 Products/Completed Operations (Prod/Cops) (Subline Code 336) Entire State Territory 999											
Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops
49305	(a)	—	51240	.42	.215	51702	.166	(a)	51986	.204	.082
49333	6.42	—	51241	1.25	.24	51703	.069	(a)	51999	.086	.32
49451	(a)	—	51250	.28	(a)	51734	.129	.43	52002	.076	.104
49452	(a)	—	51251	.036	(a)	51741	.219	.26	52075	.204	.197
49617	.41	.159	51252	.127	.061	51752	.184	.141	52076	.246	(a)
49618	.34	.066	51253	.108	(a)	51767	.029	.007	52109	.019	(a)
49619	.64	.153	51254	.034	.025	51777	.10	.058	52134	.25	.56
49763	4.16	—	51255	.71	(a)	51790	.167	(a)	52137	.08	(a)
49800	(a)	—	51300	.139	.127	51796	.08	(a)	52150	.47	(a)
49801	100.00	—	51305	.139	.76	51808	.28	.53	52315	.131	.27
49802	8.90	—	51315	.154	.08	51809	.35	.173	52341	.05	(a)
49803	15.80	—	51330	.107	.82	51833	.151	.051	52342	.146	(a)
49840	2.02	—	51333	.035	.28	51850	.26	(a)	52343	.089	(a)
49870	136.00	—	51340	.035	(a)	51851	.176	(a)	52401	.27	(a)
49890	(a)	—	51350	.233	.115	51852	.41	(a)	52402	.019	(a)
49891	(a)	—	51351	.209	.045	51853	.166	(a)	52432	.095	(a)
49902	(a)	—	51352	.29	.09	51854	.37	(a)	52433	.087	.65
49903	(a)	—	51355	.195	.082	51855	.39	(a)	52435	.108	(a)
50010	.204	.33	51356	.21	.47	51856	.214	(a)	52438	.078	(a)
50011	.097	(a)	51357	.219	.95	51857	.37	(a)	52440	.123	(a)
50012	.076	(a)	51358	.53	.111	51869	.094	.138	52467	.114	(a)
50015	.133	(a)	51359	.46	.62	51877	.53	.156	52469	.04	.085
50017	.101	(a)	51370	.41	2.69	51889	.087	.01	52505	.198	.195
50018	.089	(a)	51380	.041	.039	51896	.041	.017	52547	.238	.058
50019	.054	(a)	51400	.25	(a)	51900	.113	.098	52581	.97	1.80
50045	.231	(a)	51401	.37	(a)	51909	.234	.048	52619	.068	(a)
50047	.026	(a)	51500	.078	.145	51919	.088	(a)	52660	.174	—
51001	.06	.38	51516	.147	—	51926	.089	.041	52744	.58	.052
51005	.012	(a)	51517	.167	—	51927	.048	.10	52767	.218	(a)
51116	.152	.64	51550	.096	.42	51934	.098	.082	52876	(a)	(a)
51201	.035	(a)	51551	.033	.83	51941	.089	.034	52911	.054	.42
51205	.106	.046	51552	.058	.137	51942	.142	—	52967	.02	.052
51206	.017	.37	51553	.103	(a)	51956	.38	.14	53001	.199	.241
51210	.106	(a)	51554	.01	(a)	51957	.34	.37	53077	.095	.204
51211	(a)	(a)	51575	.062	.023	51958	.30	.31	53095	.065	(a)
51220	.36	1.48	51576	.184	.101	51959	.31	(a)	53096	.091	(a)
51221	.201	1.47	51600	.126	.194	51960	.041	.30	53121	.26	.46
51222	.245	4.76	51613	.083	.141	51970	.177	.138	53147	.037	(a)
51224	.26	1.17	51625	.055	(a)	51982	.052	.068	53229	.206	(a)
51230	.044	.64	51666	.099	.085	51985	.137	—	53271	.049	(a)

\$100,000/200,000 BASIC LIMIT OCCURRENCE Premises/Operations (Prem/Ops) (Subline Code 334) Territory 503 Products/Completed Operations (Prod/Cops) (Subline Code 336) Entire State Territory 999											
Class Code	Prem/Ops	Prod/Cops	Class Code	Prem/Ops	Prod/Cops	Class Code	Prem/Ops	Prod/Cops	Class Code	Prem/Ops	Prod/Cops
53333	.203	.249	55715	.203	.169	56918	.082	(a)	58096	.181	1.35
53374	.152	.191	55716	.29	.41	56919	.209	(a)	58301	.065	.086
53375	.081	.31	55717	.28	(a)	56920	.191	(a)	58302	.049	.042
53376	.129	.159	55718	.27	(a)	56980	.101	(a)	58397	.28	.45
53377	.132	.172	55802	.10	.013	57001	.035	.023	58408	.116	–
53403	.084	(a)	55918	.116	1.76	57002	.022	.08	58409	.147	–
53425	.191	(a)	55919	.016	2.95	57090	.31	.83	58456	.078	–
53565	.097	.081	56040	.011	.028	57146	.194	.64	58457	.114	–
53631	.03	.019	56041	.072	(a)	57202	.089	(a)	58458	.147	–
53632	.035	.029	56042	.091	(a)	57257	.111	.042	58459	.176	–
53731	.032	(a)	56170	.188	(a)	57401	.063	.079	58503	.076	.08
53732	.216	.45	56171	.092	(a)	57403	.206	.03	58532	.098	(a)
53733	.141	.177	56202	.072	.063	57410	.03	.164	58559	.02	(a)
53734	.88	–	56390	.126	.64	57411	.047	(a)	58560	.048	(a)
53803	.46	(a)	56391	.108	.25	57572	.018	.094	58561	(a)	(a)
53901	(a)	(a)	56427	.175	.107	57600	.053	.03	58575	.062	.098
53902	(a)	(a)	56488	.167	.042	57611	.10	.044	58627	.198	.011
53903	(a)	(a)	56567	.194	(a)	57625	.47	(a)	58663	.43	.65
53904	(a)	(a)	56650	.59	(a)	57651	.057	.037	58682	.176	(a)
53905	(a)	(a)	56651	.32	(a)	57690	.131	.38	58713	.064	(a)
53907	.095	.078	56652	.231	(a)	57716	.062	.08	58737	.128	.49
53951	(a)	(a)	56653	.223	(a)	57725	.136	.083	58756	.08	(a)
53952	(a)	(a)	56654	.114	(a)	57726	.106	.025	58757	.43	(a)
53953	(a)	(a)	56690	.087	.31	57798	.029	(a)	58759	.053	(a)
54012	.088	–	56699	.08	.078	57800	.108	(a)	58802	.061	.39
54077	.13	.36	56758	.068	.123	57808	.052	(a)	58813	.198	(a)
54444	(a)	(a)	56759	.07	.07	57809	.054	(a)	58822	.167	(a)
55010	.39	.76	56760	.10	.087	57810	.052	.09	58837	.40	.155
55011	.106	2.01	56805	.132	(a)	57871	.062	.091	58840	.119	.11
55012	.126	.92	56806	.093	(a)	57913	.139	.206	58873	.189	.021
55013	.173	1.13	56807	.093	(a)	57997	.196	–	58903	.038	(a)
55014	(a)	(a)	56808	.121	(a)	57998	.062	.047	58904	.029	.108
55214	.102	.075	56900	.116	(a)	57999	.085	.065	58922	.31	.189
55371	.39	.096	56910	.058	(a)	58009	.085	(a)	59005	.072	.063
55410	(a)	(a)	56911	.167	(a)	58010	.143	(a)	59057	.54	(a)
55426	.209	(a)	56912	.136	.089	58020	.221	(a)	59058	.35	(a)
55597	.026	1.45	56913	.111	(a)	58056	.171	(a)	59188	.44	.047
55647	.051	.065	56915	.65	(a)	58057	.108	(a)	59189	.60	.25
55648	.023	(a)	56916	.59	.26	58058	.097	(a)	59223	.196	.128
55649	.028	(a)	56917	.171	(a)	58095	.136	1.22	59257	.02	.011



## DIVISION SIX

PREM/OPS TERR. 503

## GENERAL LIABILITY

PROD/COPS

## LOSS COST PAGES

\$100,000/200,000 BASIC LIMIT OCCURRENCE Premises/Operations (Prem/Ops) (Subline Code 334) Territory 503 Products/Completed Operations (Prod/Cops) (Subline Code 336) Entire State Territory 999											
Class Code	Prem/Ops	Prod/Cops	Class Code	Prem/Ops	Prod/Cops	Class Code	Prem/Ops	Prod/Cops	Class Code	Prem/Ops	Prod/Cops
59306	.122	(a)	59923	.014	.006	62003	14.30	—	91125	3.46	1.95
59378	.127	.124	59925	.47	1.15	63010	33.50	—	91127	3.13	1.23
59481	.33	.096	59926	.40	.46	63011	41.80	—	91130	2.10	—
59482	.46	(a)	59927	.27	1.10	63012	59.50	—	91135	.59	(a)
59537	.137	.219	59931	.25	.37	63013	56.30	—	91150	2.97	6.06
59601	.124	1.80	59932	.27	.69	63215	47.10	—	91155	6.59	30.90
59647	.204	.141	59941	.085	(a)	63216	32.70	—	91160	1.39	—
59660	.228	.83	59947	.087	.26	63217	62.10	—	91175	1.20	—
59661	.112	(a)	59955	.033	.114	63218	20.90	—	91177	5.24	—
59693	.019	—	59963	.242	.32	63219	(a)	—	91179	5.26	—
59695	(a)	(a)	59964	.57	.059	63220	(a)	—	91190	2.83	(a)
59701	.009	.38	59970	.117	.147	64074	22.70	—	91200	1.20	—
59713	.204	.30	59973	.156	(a)	64075	16.00	—	91210	(a)	—
59722	.106	.023	59975	.164	.13	64500	(a)	—	91235	3.62	2.41
59723	.04	.03	59977	.094	(a)	65007	28.70	—	91250	5.45	(a)
59724	.061	.016	59984	.043	.041	66122	12.30	—	91265	25.60	3.43
59725	.076	.126	59985	.167	(a)	66123	6.79	—	91266	13.60	1.18
59726	.055	.023	59986	.128	(a)	66309	19.80	—	91280	(a)	3.31
59738	.176	.052	59988	.042	.05	66561	45.90	—	91302	16.50	(a)
59750	.102	.141	59989	.022	.037	67017	42.60	—	91315	4.99	—
59751	.037	(a)	60010	18.60	—	67508	32.50	—	91324	11.10	(a)
59773	.026	.023	60011	21.40	—	67509	23.80	—	91325	(a)	(a)
59774	.021	.127	60012	35.10	—	67510	13.30	—	91340	7.25	8.89
59775	.027	.156	60013	30.10	—	67511	14.30	—	91341	6.01	4.63
59781	.089	.065	60015	22.50	—	67512	61.40	—	91342	6.66	4.28
59782	.132	.62	60016	25.30	—	67513	39.00	—	91343	1.33	1.73
59783	.129	(a)	60035	32.30	—	67634	36.90	—	91405	8.45	—
59784	.099	(a)	61000	18.40	—	67635	26.10	—	91436	6.80	2.50
59790	.136	(a)	61212	16.50	—	68001	79.60	—	91481	24.80	—
59798	.34	.33	61216	18.30	—	68439	102.00	—	91507	3.66	3.56
59806	.241	(a)	61217	16.70	—	68500	4.09	—	91523	56.30	—
59867	.153	(a)	61218	11.40	—	68604	1.92	—	91547	.32	—
59886	.021	.087	61223	81.00	—	68606	7.48	—	91551	1.98	.82
59889	.085	.192	61224	25.80	—	68607	5.91	—	91555	2.18	1.16
59892	.129	(a)	61225	35.80	—	68702	4.87	—	91560	7.50	4.84
59904	.087	.088	61226	60.30	—	68703	3.65	—	91562	4.42	—
59905	.096	.112	61227	55.20	—	68706	15.60	—	91577	15.90	3.74
59914	.56	.65	62000	12.60	—	68707	15.50	—	91580	9.90	—
59915	.29	.53	62001	9.91	—	90089	5.75	—	91581	(a)	(a)
59917	.054	.222	62002	4.53	—	91111	4.66	6.60	91582	(a)	(a)

<b>\$100,000/200,000 BASIC LIMIT OCCURRENCE</b> <b>Premises/Operations (Prem/Ops) (Subline Code 334) Territory 503</b> <b>Products/Completed Operations (Prod/Cops) (Subline Code 336) Entire State Territory 999</b>											
<b>Class Code</b>	<b>Prem/ Ops</b>	<b>Prod/ Cops</b>	<b>Class Code</b>	<b>Prem/ Ops</b>	<b>Prod/ Cops</b>	<b>Class Code</b>	<b>Prem/ Ops</b>	<b>Prod/ Cops</b>	<b>Class Code</b>	<b>Prem/ Ops</b>	<b>Prod/ Cops</b>
91583	(a)	(a)	94444	(a)	(a)	97223	3.62	2.95	98308	1.52	1.12
91584	(a)	(a)	94569	3.91	4.63	97308	1.05	—	98309	9.00	2.47
91585	(a)	(a)	94590	16.90	—	97447	3.45	6.06	98344	1.13	.85
91586	(a)	(a)	94617	5.33	—	97501	(a)	—	98405	1.86	—
91587	(a)	(a)	94638	(a)	—	97502	(a)	—	98413	19.20	(a)
91588	(a)	(a)	95124	1.96	1.35	97503	(a)	—	98414	17.60	(a)
91589	(a)	(a)	95233	4.22	—	97504	(a)	—	98415	2.31	(a)
91590	4.59	—	95305	4.57	—	97650	4.87	4.28	98423	5.50	(a)
91591	(a)	(a)	95306	8.24	—	97651	10.20	5.17	98424	9.32	(a)
91606	20.50	—	95310	10.90	1.25	97652	8.85	5.53	98425	3.83	(a)
91618	(a)	(a)	95357	2.10	—	97653	4.17	3.56	98426	3.38	(a)
91629	4.20	(a)	95358	(a)	—	97654	7.27	3.38	98427	3.29	—
91636	7.20	—	95410	5.90	3.20	97655	7.88	4.77	98428	(a)	—
91641	1.95	(a)	95455	8.70	1.96	98002	1.43	1.12	98429	1.87	—
91666	1.24	(a)	95487	3.16	(a)	98003	1.30	(a)	98430	(a)	—
91722	6.30	(a)	95505	4.05	2.50	98090	.176	—	98449	4.72	28.80
91746	4.42	5.42	95620	2.57	(a)	98091	.19	—	98482	5.07	7.31
91805	.28	—	95625	7.85	4.28	98092	.58	—	98483	7.48	17.90
92053	.68	.76	95630	(a)	(a)	98111	.91	—	98502	7.16	4.28
92054	.235	.26	95647	4.36	6.25	98150	(a)	—	98555	3.33	—
92055	6.57	.26	95648	(a)	(a)	98151	(a)	—	98597	.74	—
92101	10.20	3.56	96053	3.31	4.99	98152	4.80	.69	98598	.26	—
92102	6.18	3.92	96317	2.17	—	98153	5.40	(a)	98601	8.57	(a)
92215	5.19	3.56	96408	5.11	12.60	98154	6.37	(a)	98622	(a)	—
92338	2.37	2.32	96409	4.72	8.96	98155	8.92	(a)	98623	(a)	—
92445	4.13	—	96410	4.15	9.80	98156	(a)	(a)	98624	1.35	—
92446	7.81	2.14	96611	1.67	1.66	98157	5.69	.36	98636	4.44	4.10
92447	6.82	1.77	96702	5.88	(a)	98158	(a)	(a)	98640	148.00	—
92451	3.62	2.68	96703	(a)	—	98159	3.82	(a)	98658	9.23	—
92453	4.32	—	96816	5.52	—	98160	8.09	(a)	98659	1.65	.41
92478	2.14	1.96	96872	7.73	(a)	98161	9.08	(a)	98677	23.30	11.80
92593	47.50	—	96930	(a)	—	98162	(a)	(a)	98678	20.70	15.50
92663	.97	—	97002	(a)	(a)	98163	9.52	.205	98698	(a)	(a)
94007	14.70	5.59	97003	(a)	(a)	98164	3.06	.07	98699	6.74	(a)
94099	3.33	—	97047	5.06	—	98257	1.96	—	98705	13.10	—
94225	11.70	—	97050	3.93	—	98303	18.00	6.74	98710	4.68	—
94276	6.12	4.99	97111	7.05	—	98304	7.29	4.04	98751	6.97	—
94304	4.62	(a)	97220	.57	(a)	98305	4.06	2.02	98805	6.12	1.55
94381	8.68	11.10	97221	(a)	1.31	98306	10.40	1.10	98806	4.15	4.10
94404	5.79	5.03	97222	2.40	1.86	98307	2.31	.60	98810	5.72	—

\$100,000/200,000 BASIC LIMIT OCCURRENCE Premises/Operations (Prem/Ops) (Subline Code 334) Territory 503 Products/Completed Operations (Prod/Cops) (Subline Code 336) Entire State Territory 999											
Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops
98813	5.53	2.24	99620	.64	—						
98820	11.70	4.10	99650	1.96	1.19						
98871	(a)	(a)	99709	4.84	(a)						
98884	3.04	2.50	99718	1.88	—						
98914	1.12	.56	99746	3.18	3.74						
98949	1.58	.32	99760	.37	—						
98967	4.77	11.40	99777	9.91	—						
98993	8.50	3.81	99793	4.04	—						
99003	2.26	1.37	99798	(a)	(a)						
99004	4.59	1.79	99803	(a)	8.88						
99080	1.61	8.38	99826	1.13	.78						
99081	(a)	—	99827	.58	.65						
99082	(a)	—	99851	2.35	—						
99083	(a)	—	99917	3.81	—						
99084	(a)	(a)	99938	4.28	—						
99085	(a)	(a)	99943	12.40	—						
99111	2.33	—	99946	9.24	2.50						
99160	(a)	—	99948	10.20	22.40						
99163	5.56	.41	99952	8.38	17.80						
99165	1.22	(a)	99953	9.05	10.80						
99220	2.47	(a)	99954	6.59	10.20						
99221	(a)	(a)	99955	8.25	9.58						
99222	4.65	(a)	99963	.92	—						
99223	.34	(a)	99969	4.50	2.66						
99303	18.60	—	99975	7.32	—						
99310	4.66	(a)	99986	(a)	—						
99315	13.70	2.35	99987	(a)	—						
99321	13.30	2.68	99988	3.98	—						
99445	(a)	(a)									
99471	1.12	—									
99505	7.19	—									
99506	8.85	—									
99507	7.72	—									
99570	4.15	(a)									
99571	1.00	(a)									
99572	1.96	(a)									
99573	1.87	(a)									
99600	1.99	—									
99613	11.80	2.68									
99614	4.45	—									