

LOSS COSTS – IMPLEMENTATION

FEBRUARY 10, 2021

GENERAL LIABILITY

LI-GL-2021-071

MARYLAND GENERAL LIABILITY ADVISORY PROSPECTIVE LOSS COST REVISION TO BE IMPLEMENTED

KEY MESSAGE

Revised overall prospective loss costs for -1.9% to be implemented.

UPGRADE TO WORD AND EXCEL DOCUMENTS

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

BACKGROUND

In circular [LI-GL-2020-214](#), we provided you with information about the General Liability loss cost level experience review.

CONSIDERATION OF COVID-19

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

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

ISO ACTION

We are implementing GL-2021-BGL1, which presents a review of the General Liability loss cost experience. Refer to the attachment(s) for complete details.

SUPPLEMENTARY INFORMATION

We are including the following supplementary information:

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

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

EFFECTIVE DATE

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

These changes are applicable to all policies effective on or after August 1, 2021.

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

IMPACT ON THE STATISTICAL REPORTING OF LOSS COST MULTIPLIER

For the purpose of reporting your company Loss Cost Multiplier under the CSP, as of August 1, 2021, the multiplier must be based on the relationship between your gross rates and the ISO advisory prospective loss costs contained in this circular.

COMPANY ACTION

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

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

WE WILL SUBMIT OUR REFERENCE FILING TO THE INSURANCE DEPARTMENT ON JULY 1, 2021. ANY SUBMISSION YOU MAY MAKE WITH THE INSURANCE DEPARTMENT WITH RESPECT TO THIS FILING SHOULD NOT BE SUBMITTED PRIOR TO THIS DATE.

In all correspondence with the Insurance Department on this revision, you should refer to ISO Filing Number **GL-2021-BGL1**, NOT this circular number.

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

RATING SOFTWARE IMPACT

No new attributes are being introduced with this revision.

POLICYHOLDER NOTIFICATION

If you decide to implement this revision, you should check all applicable laws for the state(s) to which this revision applies, to determine whether or not a specific policyholder notice requirement may apply. Please note that circular [LI-CL-2019-057](#) contains the ISO Guide To Renewals With Changed Conditions For Commercial Lines, which is available only as a guide to assist participating companies in complying with various conditional renewal statutes or regulations, for the major commercial lines of insurance serviced by ISO. The information in the Guide does not necessarily reflect all requirements or exceptions that may apply, and it is not intended as a substitute for your review of all applicable statutes and regulations concerning policyholder notification.

REVISION DISTRIBUTION

We will issue a Notice to Manualholders with an edition date of 8-21 (or the earliest possible subsequent date), along with any new and/or revised manual pages.

REFERENCE(S)

- [LI-GL-2020-214](#) (12/09/2020) General Liability Basic Limit Experience For 2021 Group 1 Jurisdictions Reviewed By Staff
- [LI-CL-2019-057](#) (12/10/2019) Revised Lead Time Requirements Listing

ATTACHMENT(S)

- GL-2021-BGL1
- Actuarial Analysis Supplement
- Manual Pages
- Excel Workbook

FILES AVAILABLE FOR DOWNLOAD

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

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

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DATA QUALITY

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

ACKNOWLEDGMENT OF ACTUARIAL QUALIFICATIONS

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

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

CONTACT INFORMATION

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

MARYLAND GL-2021-BGL1
BASIC LIMIT LOSS COST LEVEL
GENERAL LIABILITY OTHER THAN PROFESSIONAL
PREMISES/OPERATIONS AND PRODUCTS/COMPLETED OPERATIONS
EXECUTIVE SUMMARY

PURPOSE

This document:

- revises current advisory prospective loss costs for Premises/Operations and Products/Completed Operations classes. These loss costs represent a -1.9% change from the current ISO loss costs. Please note that throughout this document the term loss costs means advisory prospective loss costs.
 - provides the analyses used to derive these advisory loss costs.
-

DEFINITION OF
THE ISO
ADVISORY
PROSPECTIVE
LOSS COSTS

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

CONSIDERATION
OF COVID-19

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

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

LOSS COST
LEVEL CHANGES

The statewide advisory loss cost level changes are:

<u>SUBLINE</u>	<u>INDICATED</u>	<u>SELECTED</u>	<u>ADJUSTED *</u>
M&C	- 8.0%	- 5.0%	- 5.0%
OL&T	- 1.2%	- 1.2%	- 1.9%
Premises/Operations	- 4.3%	- 3.0%	- 3.3%
Products	- 5.1%	- 5.1%	- 5.1%
Local Products/Completed Operations	+ 6.5%	+ 6.5%	+ 6.5%
Products/Completed Operations	+ 4.6%	+ 4.6%	+ 4.6%
GL Overall	- 2.7%	- 1.6%	- 1.9%

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

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

INDICATED
VS. SELECTED
VS. ADJUSTED

Indicated changes are based on standard ISO methodology. The selected changes are equal to the indicated changes for all sublines except for Manufacturers and Contractors, where a change of -5.0% has been selected to temper the effect of the experience for the latest year. The adjusted loss cost level changes reflect the COVID-19 related adjustments for OL&T.

CAPPING

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

PRIOR ISO
REVISIONS

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

HISTORICAL
SOURCE DATA

The data used in this document is:

- ISO reporting companies' voluntary experience.
- Calendar-accident year data through year ended 12/31/2019 for Premises/Operations.
- Calendar-accident year data through year ended 12/31/2019 for Products/Completed Operations.

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

ADJUSTMENTS
TO REPORTED
EXPERIENCE

The period of use for this revision is anticipated to begin on 8/1/2021. The Products/Completed Operations portion of this review uses a trend date of 7/1/2021 because of the multistate nature of the review. To adjust the loss and exposure data to levels expected to prevail during the period when the revised indications are assumed to be in effect, historical losses and exposures have been multiplied by trend factors. These trend factors are based on changes in cost, frequency and inflation sensitive exposure bases that are expected to arise between the historical experience period and the prospective period during which the revised loss costs will be in effect. For a summary of the selected annual trend factors, see Section E, Section F and Section G - Trend Summary.

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

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

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

In this review, multistate dollars of loss and number of occurrences contained in the trend exhibits are based on reported paid amounts developed to ultimate using paid development factors. This has been done in the interest of stability of ultimate loss and occurrence estimates from one review to another.

TEN
LARGEST
COMPANY
GROUPS IN
ISO
DATA
BASE

OTHER LIABILITY (ASLOB 17.0)

1	Continental Casualty Co.
2	Travelers Indemnity Co.
3	Chubb Group of Insurance Cos.
4	Selective Insurance Group
5	Zurich American Insurance Co.
6	XL Specialty Insurance Co.
7	Liberty Mutual Insurance Co.
8	Cincinnati Insurance Co.
9	Great American Insurance Co.
10	Nationwide Mutual Insurance Co.

PRODUCTS LIABILITY (ASLOB 18.0)

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

Insurers are listed in descending order based on the percent of written premium volume from Statutory Page 14 Data for the year ending 12/31/2019 for the Annual Statement Line of Business (ASLOB) indicated. ASLOB 17.0 is based on statewide written premium volume while ASLOB 18.0 is based on multistate written premium volume.

SIZE
OF
ISO
DATA
BASE

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

The market share of ISO participating insurers as measured by Statutory Page 14 Written Premium for the year ending 12/31/2019 is:

Statewide - Other Liability (ASLOB 17.0)	31.4%
Multistate - Products Liability (ASLOB 18.0)	39.8%

COMPANY
DECISION

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

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

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MARYLAND
PRIOR REVISIONS

The latest implemented revisions in this state are:

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		- 3.6%	- 3.6%	- 3.6%
OL&T		+ 7.7%	+ 5.0%	+ 5.0%
Prem/Ops Combined		+ 2.4%	+ 1.0%	+ 1.0%
Products		+ 0.4%	+ 0.4%	+ 0.4%
Local Products/Completed Ops		+ 10.6%	+ 10.6%	+ 10.6%
Products/Completed Operations		+ 8.8%	+ 8.8%	+ 8.8%
General Liability Overall	8/1/2020	+ 3.5%	+ 2.3%	+ 2.3%

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		- 8.7%	- 8.7%	- 8.7%
OL&T		- 3.5%	- 3.5%	- 3.5%
Prem/Ops Combined		- 5.9%	- 5.9%	- 5.9%
Products		- 9.3%	- 9.3%	- 9.3%
Local Products/Completed Ops		- 3.7%	- 3.7%	- 3.7%
Products/Completed Operations		- 4.7%	- 4.7%	- 4.7%
General Liability Overall	8/1/2019	- 5.7%	- 5.7%	- 5.7%

Document: GL-2018-BGL1

<u>Coverage</u>	<u>Effective Date</u>	<u>Loss Cost Level Changes</u>		
		<u>Indicated</u>	<u>Selected</u>	<u>Implemented</u>
M&C		+ 2.8%	0.0%	0.0%
OL&T		+ 3.9%	+ 3.9%	+ 3.9%
Prem/Ops Combined		+ 3.4%	+ 2.0%	+ 2.0%
Products		- 6.0%	- 6.0%	- 6.0%
Local Products/Completed Ops		- 12.7%	- 12.7%	- 12.7%
Products/Completed Operations		- 11.6%	- 11.6%	- 11.6%
General Liability Overall	8/1/2018	+ 0.3%	- 0.8%	- 0.8%

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PREMISES/OPERATIONS AND PRODUCTS/COMPLETED OPERATIONS
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MARYLAND

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.

<u>Summary of Indications and Selected Loss Cost Level Changes</u>	<u>Manufacturers And Contractors</u>	<u>Owners, Landlords and Tenants</u>	<u>Overall Premises/ Operations</u>	<u>Products</u>	<u>Local Products/ Completed Operations</u>	<u>Products/ Completed Operations</u>	<u>Overall General Liability Other Than Professional</u>
Statewide Indicated Monoline-Multiline Loss Cost Level Change (See Section C)	- 2.4%	- 2.3%	- 2.3%				
Statewide Indicated Monoline Loss Cost Level Change (See Section C)	- 8.0%	- 1.2%	- 4.3%	- 5.1% *	+ 6.5% **	+ 4.6%	- 2.7%
Statewide Selected Monoline Loss Cost Level Change	- 5.0%	- 1.2%	- 3.0%	- 5.1% *	+ 6.5%	+ 4.6%	- 1.6%
Adjusted Monoline Loss Cost Level Change (See Sections C and H) @	- 5.0%	- 1.9%	- 3.3%	-5.1%	+ 6.5%	+ 4.6%	- 1.9%

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

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

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

MARYLAND

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

<u>CODE</u>	<u>TERRITORY DESCRIPTION</u>	<u>LATEST YEAR MONO/MULTI AGGREGATE LOSS COSTS AT CURRENT LEVEL (ALCCL)</u>	<u>INDICATED LOSS COST LEVEL CHANGE BEFORE CAPPING</u>	<u>SELECTED LOSS COST LEVEL CHANGE BEFORE CAPPING</u>	<u>LOSS COST LEVEL CHANGE AFTER CAPPING</u>	<u>ADJUSTED LOSS COST LEVEL CHANGE</u>
501	Remainder of State	\$ 10,175,383	- 1.9%	- 1.9%	- 1.9%	- 2.6%
502	Areas in Montgomery and Prince Georges Counties in the Vicinity of the District of Columbia	4,990,881	- 1.6%	- 1.6%	- 1.6%	- 2.3%
503	Baltimore and Vicinity	6,953,248	+ 0.2%	+ 0.2%	+ 0.2%	- 0.7%
	STATEWIDE TOTAL	\$ 22,119,512	- 1.2%	- 1.2%	- 1.2%	- 1.9%

MARYLAND
PREMISES/OPERATIONS
CLASS GROUP LOSS COST LEVEL CHANGES

MANUFACTURERS AND CONTRACTORS LIABILITY INSURANCE

CLASS GROUP	DESCRIPTION	LATEST YEAR MONO/MULTI ALCCL	INDICATED LOSS COST LEVEL CHANGE BEFORE CAPPING	SELECTED LOSS COST LEVEL CHANGE BEFORE CAPPING	LOSS COST LEVEL CHANGE AFTER CAPPING
30	SERVICE	\$ 2,849,885	- 7.9%	- 4.9%	- 5.0%
31	LIGHT CONTRACTING	2,345,562	- 8.5%	- 5.5%	- 5.7%
32	MEDIUM CONTRACTING	8,527,089	- 7.7%	- 4.7%	- 4.8%
33	HEAVY CONTRACTING	2,153,322	- 7.7%	- 4.7%	- 4.7%
34	DEALERS OR DISTRIBUTORS	1,068,337	- 9.0%	- 6.0%	- 6.0%
35	LIGHT MANUFACTURERS	109,181	- 4.8%	- 1.7%	- 1.2%
36	MEDIUM MANUFACTURERS	583,159	- 10.5%	- 7.6%	- 7.5%
37	HEAVY MANUFACTURERS	377,902	- 6.9%	- 3.9%	- 3.5%
38	MISCELLANEOUS OPERATIONS	1,045,859	- 7.2%	- 4.2%	- 3.8%
	TOTAL	\$ 19,060,296	- 8.0%	- 5.0%	- 5.0%

OWNERS, LANDLORDS AND TENANTS LIABILITY INSURANCE

CLASS GROUP	DESCRIPTION	LATEST YEAR MONO/MULTI ALCCL	INDICATED LOSS COST LEVEL CHANGE BEFORE CAPPING	SELECTED LOSS COST LEVEL CHANGE BEFORE CAPPING	LOSS COST LEVEL CHANGE AFTER CAPPING
01	FOOD AND BEVERAGE (RETAIL)	\$ 930,526	- 1.6%	- 1.6%	- 1.4%
02	RESTAURANTS	2,167,257	- 0.3%	- 0.3%	- 0.5%
03	STORES	988,396	- 4.2%	- 4.2%	- 4.3%
04	VENDING AND RENTAL	129,245	+ 0.4%	+ 0.4%	+ 0.3%
05	FOOD AND BEVERAGE DISTRIBUTORS	273,191	- 1.8%	- 1.8%	- 2.1%
06	NON-(FOOD AND BEVERAGE) DISTRIB.	376,730	- 0.4%	- 0.4%	- 0.7%
07	CLUBS, AMUSEMENTS AND SPORTS	1,011,959	+ 2.4%	+ 2.4%	+ 2.3%
08	HEALTH CARE FACILITIES	302,325	+ 1.2%	+ 1.2%	+ 1.0%
09	HOTELS AND MOTELS	2,519,794	+ 2.2%	+ 2.2%	+ 2.1%
10	SCHOOLS AND CHURCHES	1,461,419	+ 1.3%	+ 1.3%	+ 1.5%
11	APARTMENTS	4,969,011	- 3.4%	- 3.4%	- 3.4%
12	BUILDINGS AND OFFICES	6,592,741	- 2.0%	- 2.0%	-1.9% @
13	MISCELLANEOUS PREMISES	232,589	+ 5.3%	+ 5.3%	+ 5.3%
16	GOVERNMENTAL SUBDIVISIONS	164,329	- 2.8%	- 2.8%	- 3.4%
	TOTAL	\$ 22,119,512	- 1.2%	- 1.2%	- 1.2%

@ The COVID-19 related adjustments are applied to the rounded loss costs after capping and then rounded using CGL rounding rules. The class group 12 adjusted loss cost level change is -4.5% resulting in an overall OL&T indication of -1.9%.

MARYLAND

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

<u>CLASS GROUP</u>	<u>DESCRIPTION</u>	LATEST YEAR MULTISTATE MONO/MULTI ALCCL AT MULTISTATE <u>LEVEL</u>	INDICATED MULTISTATE LOSS COST LEVEL <u>CHANGE</u>	LATEST YEAR STATEWIDE MONO/MULTI ALCCL AT CURRENT <u>LEVEL</u>	INDICATED STATEWIDE LOSS COST LEVEL <u>CHANGE</u>	SELECTED STATEWIDE LOSS COST LEVEL <u>CHANGE</u>
03	MANUFACTURERS, DEALERS OR DISTRIBUTORS-FOOD OR DRUG	\$ 30,887,125	- 4.9%	\$ 432,236	- 6.8%	- 6.8%
04	DEALERS OR DISTRIBUTORS-NOT FOOD OR DRUG	39,017,316	- 8.3%	609,234	- 6.8%	- 6.8%
05	MANUFACTURERS-NOT FOOD OR DRUG-LOW	4,813,738	- 2.6%	37,845	- 1.0%	- 1.0%
06	MANUFACTURERS-NOT FOOD OR DRUG-MEDIUM	35,560,474	- 5.2%	405,191	- 1.5%	- 1.5%
07	MANUFACTURERS-NOT FOOD OR DRUG-HIGH	8,547,659	- 6.0%	20,080	+ 3.4%	+ 3.4%
	PRODUCTS SUBTOTAL	\$ 118,826,312	- 6.1%	\$ 1,504,586	- 5.1%	- 5.1%
01	RETAIL STORES-FOOD OR DRUG			\$ 298,258	- 6.2%	- 6.1%
02	RETAIL STORES-NOT FOOD OR DRUG			459,179	+ 8.3%	+ 7.2%
11	COMPLETED OPERATIONS-LOW			402,929	+ 9.3%	+ 9.2%
12	COMPLETED OPERATIONS-MEDIUM			5,976,525	+ 7.2%	+ 7.3%
13	COMPLETED OPERATIONS-HIGH			391,234	+ 0.9%	+ 1.0%
	LOCAL PRODUCTS/COMPLETED OPERATIONS SUBTOTAL			\$ 7,528,125	+ 6.5%	+ 6.5%
	TOTAL			\$ 9,032,711	+ 4.6%	+ 4.6%

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

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

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

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

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

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

A current base loss cost (CBLC) by class group and territory is calculated. This is equal to Loss Costs at Current Level summarized over all classes in the class group divided by adjusted monoline/multiline exposures (exposure times class differential summed over all classes in the class group). This calculation is done separately for each territory.

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

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

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

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

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

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

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

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

- M&C classes reflect an upper cap of +25% and a lower cap of -25% relative to current loss costs;
- OL&T classes reflect an upper cap of +25% and a lower cap of -21% relative to current loss costs;
The COVID-19 related adjustment factors were applied to the capped and rounded loss costs reflecting the selected loss cost level change.
Loss costs reflecting the COVID-19 related adjustments are not subject to capping and are rounded using the rules listed below.
- Products classes reflect an upper cap of +25% and a lower cap of -26% relative to current multistate loss costs;
- Local Products/Completed Operations classes reflect an upper cap of +32% and a lower cap of -20% relative to current loss costs.

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

M&C: 0.999

OL&T: 1.000

LP/CO: 0.998

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

STATE: 19 - MARYLAND
 SUBLINE: PREM/OPS

LOSS COST % CHANGE BY CLASS

CLASS	TERR	PROPOSED OCCURR	PRESENT OCCURR	% CHG	CLASS	TERR	PROPOSED OCCURR	PRESENT OCCURR	% CHG	CLASS	TERR	PROPOSED OCCURR	PRESENT OCCURR	% CHG
10010	501	0.105	0.107	-1.9	10070	503	0.065	0.065	0.0	10115	502	0.750	0.780	-3.8
10010	502	0.125	0.126	-0.8	10071	501	0.280	0.300	-6.7	10115	503	0.580	0.590	-1.7
10010	503	0.114	0.113	0.9	10071	502	0.330	0.350	-5.7	10117	501	3.980	3.920	1.5
10015	501	4.010	3.950	1.5	10071	503	0.260	0.260	0.0	10117	502	5.480	5.350	2.4
10015	502	5.520	5.380	2.6	10072	501	3.760	3.920	-4.1	10117	503	5.490	5.300	3.6
10015	503	5.530	5.340	3.6	10072	502	4.500	4.700	-4.3	10120	501	8.920	8.790	1.5
10026	501	0.570	0.600	-5.0	10072	503	2.790	2.900	-3.8	10120	502	12.300	12.000	2.5
10026	502	0.680	0.710	-4.2	10073	501	0.610	0.650	-6.2	10120	503	12.300	11.900	3.4
10026	503	0.520	0.540	-3.7	10073	502	0.590	0.630	-6.3	10130	501	3.130	3.300	-5.2
10036	501	0.390	0.420	-7.1	10073	503	0.810	0.860	-5.8	10130	502	3.710	3.870	-4.1
10036	502	0.380	0.400	-5.0	10075	501	4.540	4.840	-6.2	10130	503	2.850	2.940	-3.1
10036	503	0.520	0.550	-5.5	10075	502	4.380	4.670	-6.2	10132	501	2.700	2.840	-4.9
10040	501	0.080	0.082	-2.4	10075	503	6.020	6.370	-5.5	10132	502	3.190	3.330	-4.2
10040	502	0.095	0.096	-1.0	10100	501	0.690	0.710	-2.8	10132	503	2.460	2.530	-2.8
10040	503	0.087	0.086	1.2	10100	502	0.820	0.840	-2.4	10133	501	3.850	3.870	-0.5
10042	501	0.330	0.350	-5.7	10100	503	1.100	1.100	0.0	10133	502	3.050	3.040	0.3
10042	502	0.390	0.400	-2.5	10101	501	0.212	0.224	-5.4	10133	503	4.090	4.020	1.7
10042	503	0.300	0.310	-3.2	10101	502	0.250	0.260	-3.8	10140	501	0.037	0.038	-2.6
10052	501	2.770	2.730	1.5	10101	503	0.193	0.199	-3.0	10140	502	0.050	0.051	-2.0
10052	502	3.820	3.720	2.7	10105	501	2.290	2.420	-5.4	10140	503	0.032	0.033	-3.0
10052	503	3.830	3.690	3.8	10105	502	2.720	2.840	-4.2	10141	501	0.073	0.076	-3.9
10054	501	2.460	2.420	1.7	10105	503	2.090	2.160	-3.2	10141	502	0.100	0.102	-2.0
10054	502	3.390	3.300	2.7	10107	501	1.870	1.990	-6.0	10141	503	0.065	0.066	-1.5
10054	503	3.390	3.280	3.4	10107	502	1.810	1.930	-6.2	10145	501	0.350	0.360	-2.8
10060	501	0.157	0.165	-4.8	10107	503	2.480	2.620	-5.3	10145	502	0.480	0.490	-2.0
10060	502	0.186	0.194	-4.1	10110	501	13.600	13.400	1.5	10145	503	0.310	0.320	-3.1
10060	503	0.143	0.147	-2.7	10110	502	18.800	18.300	2.7	10146	501	0.310	0.320	-3.1
10065	501	0.235	0.248	-5.2	10110	503	18.800	18.200	3.3	10146	502	0.370	0.370	0.0
10065	502	0.280	0.290	-3.4	10111	501	0.132	0.134	-1.5	10146	503	0.490	0.490	0.0
10065	503	0.214	0.221	-3.2	10111	502	0.156	0.157	-0.6	10150	501	0.440	0.460	-4.3
10066	501	0.240	0.250	-4.0	10111	503	0.143	0.141	1.4	10150	502	0.520	0.540	-3.7
10066	502	0.280	0.300	-6.7	10113	501	0.320	0.340	-5.9	10150	503	0.400	0.410	-2.4
10066	503	0.219	0.225	-2.7	10113	502	0.380	0.390	-2.6	10151	501	11.000	11.600	-5.2
10070	501	0.060	0.061	-1.6	10113	503	0.290	0.300	-3.3	10151	502	13.100	13.600	-3.7
10070	502	0.072	0.072	0.0	10115	501	0.630	0.670	-6.0	10151	503	10.100	10.400	-2.9

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STATE: 19 - MARYLAND
 SUBLINE: PREM/OPS

LOSS COST % CHANGE BY CLASS

CLASS	TERR	PROPOSED OCCURR	PRESENT OCCURR	% CHG	CLASS	TERR	PROPOSED OCCURR	PRESENT OCCURR	% CHG	CLASS	TERR	PROPOSED OCCURR	PRESENT OCCURR	% CHG
10160	501	1.960	2.070	-5.3	10352	503	0.640	0.640	0.0	11127	502	0.400	0.400	0.0
10160	502	2.330	2.430	-4.1	10367	501	3.320	3.460	-4.0	11127	503	0.360	0.360	0.0
10160	503	1.790	1.840	-2.7	10367	502	3.980	4.150	-4.1	11128	501	0.450	0.460	-2.2
10204	501	0.198	0.209	-5.3	10367	503	2.460	2.570	-4.3	11128	502	0.540	0.540	0.0
10204	502	0.235	0.245	-4.1	10368	501	4.860	5.060	-4.0	11128	503	0.490	0.490	0.0
10204	503	0.181	0.186	-2.7	10368	502	5.810	6.070	-4.3	11138	501	1.360	1.340	1.5
10205	501	0.221	0.233	-5.2	10368	503	3.600	3.750	-4.0	11138	502	1.870	1.830	2.2
10205	502	0.260	0.270	-3.7	10378	501	5.500	5.420	1.5	11138	503	1.880	1.810	3.9
10205	503	0.202	0.208	-2.9	10378	502	7.580	7.390	2.6	11155	501	0.189	0.199	-5.0
10220	501	4.170	4.390	-5.0	10378	503	7.600	7.330	3.7	11155	502	0.224	0.234	-4.3
10220	502	4.930	5.150	-4.3	10379	501	2.550	2.520	1.2	11155	503	0.172	0.178	-3.4
10220	503	3.800	3.910	-2.8	10379	502	3.520	3.430	2.6	11167	501	0.920	0.930	-1.1
10255	501	0.146	0.155	-5.8	10379	503	3.530	3.400	3.8	11167	502	0.730	0.730	0.0
10255	502	0.141	0.150	-6.0	10380	501	4.360	4.300	1.4	11167	503	0.980	0.960	2.1
10255	503	0.193	0.204	-5.4	10380	502	6.000	5.860	2.4	11168	501	4.790	4.810	-0.4
10256	501	0.530	0.570	-7.0	10380	503	6.020	5.810	3.6	11168	502	3.800	3.780	0.5
10256	502	0.510	0.550	-7.3	10381	501	3.770	3.720	1.3	11168	503	5.080	5.000	1.6
10256	503	0.710	0.750	-5.3	10381	502	5.200	5.070	2.6	11201	501	12.400	12.900	-3.9
10257	501	0.101	0.107	-5.6	10381	503	5.210	5.030	3.6	11201	502	14.800	15.500	-4.5
10257	502	0.097	0.103	-5.8	11007	501	1.410	1.470	-4.1	11201	503	9.170	9.550	-4.0
10257	503	0.133	0.141	-5.7	11007	502	1.690	1.770	-4.5	11202	501	3.660	3.810	-3.9
10309	501	0.143	0.151	-5.3	11007	503	1.050	1.090	-3.7	11202	502	4.370	4.570	-4.4
10309	502	0.169	0.177	-4.5	11020	501	0.270	0.280	-3.6	11202	503	2.710	2.820	-3.9
10309	503	0.130	0.134	-3.0	11020	502	0.320	0.330	-3.0	11203	501	0.780	0.790	-1.3
10315	501	0.340	0.350	-2.9	11020	503	0.244	0.250	-2.4	11203	502	0.930	0.930	0.0
10315	502	0.400	0.420	-4.8	11039	501	0.530	0.570	-7.0	11203	503	0.840	0.840	0.0
10315	503	0.310	0.320	-3.1	11039	502	0.510	0.550	-7.3	11204	501	0.280	0.290	-3.4
10331	501	5.430	5.350	1.5	11039	503	0.710	0.750	-5.3	11204	502	0.330	0.340	-2.9
10331	502	7.480	7.300	2.5	11052	501	4.010	4.020	-0.2	11204	503	0.250	0.260	-3.8
10331	503	7.500	7.240	3.6	11052	502	3.180	3.160	0.6	11206	501	0.570	0.600	-5.0
10332	501	9.370	9.230	1.5	11052	503	4.250	4.190	1.4	11206	502	0.690	0.720	-4.2
10332	502	12.900	12.600	2.4	11126	501	0.055	0.058	-5.2	11206	503	0.430	0.440	-2.3
10332	503	12.900	12.500	3.2	11126	502	0.065	0.068	-4.4	11207	501	7.250	7.550	-4.0
10352	501	0.400	0.410	-2.4	11126	503	0.050	0.052	-3.8	11207	502	8.670	9.060	-4.3
10352	502	0.480	0.490	-2.0	11127	501	0.340	0.340	0.0	11207	503	5.370	5.600	-4.1

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STATE: 19 - MARYLAND
 SUBLINE: PREM/OPS

LOSS COST % CHANGE BY CLASS

CLASS	TERR	PROPOSED OCCURR	PRESENT OCCURR	% CHG	CLASS	TERR	PROPOSED OCCURR	PRESENT OCCURR	% CHG	CLASS	TERR	PROPOSED OCCURR	PRESENT OCCURR	% CHG
11208	501	1.240	1.290	-3.9	11259	503	1.420	1.420	0.0	12393	502	0.420	0.440	-4.5
11208	502	1.490	1.550	-3.9	11273	501	12.300	13.000	-5.4	12393	503	0.320	0.330	-3.0
11208	503	0.920	0.960	-4.2	11273	502	14.600	15.300	-4.6	12467	501	0.147	0.156	-5.8
11209	501	5.830	6.080	-4.1	11273	503	11.300	11.600	-2.6	12467	502	0.175	0.182	-3.8
11209	502	6.980	7.290	-4.3	11274	501	11.800	12.500	-5.6	12467	503	0.134	0.139	-3.6
11209	503	4.330	4.510	-4.0	11274	502	14.000	14.600	-4.1	12509	501	0.036	0.039	-7.7
11210	501	2.480	2.590	-4.2	11274	503	10.800	11.100	-2.7	12509	502	0.035	0.037	-5.4
11210	502	2.970	3.110	-4.5	11288	501	1.020	1.050	-2.9	12509	503	0.048	0.051	-5.9
11210	503	1.840	1.920	-4.2	11288	502	1.220	1.240	-1.6	12510	501	0.460	0.490	-6.1
11211	501	12.900	13.500	-4.4	11288	503	1.620	1.620	0.0	12510	502	0.450	0.480	-6.3
11211	502	15.400	16.100	-4.3	12014	501	0.060	0.064	-6.2	12510	503	0.610	0.650	-6.2
11211	503	9.570	9.970	-4.0	12014	502	0.058	0.061	-4.9	12583	501	0.206	0.219	-5.9
11212	501	1.950	2.040	-4.4	12014	503	0.079	0.084	-6.0	12583	502	0.198	0.211	-6.2
11212	502	2.340	2.440	-4.1	12356	501	1.050	1.100	-4.5	12583	503	0.270	0.290	-6.9
11212	503	1.450	1.510	-4.0	12356	502	1.240	1.290	-3.9	12651	501	0.600	0.640	-6.3
11213	501	1.590	1.660	-4.2	12356	503	0.950	0.980	-3.1	12651	502	0.580	0.620	-6.5
11213	502	1.910	1.990	-4.0	12361	501	0.080	0.082	-2.4	12651	503	0.790	0.840	-6.0
11213	503	1.180	1.230	-4.1	12361	502	0.109	0.111	-1.8	12683	501	0.270	0.290	-6.9
11214	501	3.920	4.090	-4.2	12361	503	0.071	0.071	0.0	12683	502	0.260	0.280	-7.1
11214	502	4.690	4.900	-4.3	12362	501	0.066	0.067	-1.5	12683	503	0.360	0.380	-5.3
11214	503	2.910	3.030	-4.0	12362	502	0.079	0.079	0.0	12707	501	0.430	0.440	-2.3
11222	501	0.066	0.069	-4.3	12362	503	0.072	0.071	1.4	12707	502	0.520	0.520	0.0
11222	502	0.079	0.082	-3.7	12373	501	0.025	0.026	-3.8	12707	503	0.470	0.470	0.0
11222	503	0.049	0.051	-3.9	12373	502	0.030	0.030	0.0	12797	501	0.091	0.093	-2.2
11234	501	0.249	0.260	-4.2	12373	503	0.027	0.027	0.0	12797	502	0.108	0.109	-0.9
11234	502	0.290	0.310	-6.5	12374	501	0.540	0.570	-5.3	12797	503	0.099	0.098	1.0
11234	503	0.227	0.234	-3.0	12374	502	0.640	0.670	-4.5	12805	501	0.290	0.300	-3.3
11248	501	0.028	0.029	-3.4	12374	503	0.500	0.510	-2.0	12805	502	0.340	0.350	-2.9
11248	502	0.027	0.028	-3.6	12375	501	0.270	0.280	-3.6	12805	503	0.260	0.270	-3.7
11248	503	0.037	0.039	-5.1	12375	502	0.320	0.330	-3.0	12841	501	0.470	0.500	-6.0
11258	501	0.830	0.850	-2.4	12375	503	0.244	0.250	-2.4	12841	502	0.560	0.590	-5.1
11258	502	0.990	1.010	-2.0	12391	501	0.050	0.051	-2.0	12841	503	0.430	0.450	-4.4
11258	503	1.320	1.320	0.0	12391	502	0.059	0.059	0.0	12927	501	0.083	0.087	-4.6
11259	501	0.900	0.920	-2.2	12391	503	0.054	0.053	1.9	12927	502	0.098	0.103	-4.9
11259	502	1.060	1.080	-1.9	12393	501	0.350	0.370	-5.4	12927	503	0.076	0.078	-2.6

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LOSS COST % CHANGE BY CLASS

CLASS	TERR	PROPOSED OCCURR	PRESENT OCCURR	% CHG	CLASS	TERR	PROPOSED OCCURR	PRESENT OCCURR	% CHG	CLASS	TERR	PROPOSED OCCURR	PRESENT OCCURR	% CHG
13049	501	0.042	0.043	-2.3	13453	503	0.430	0.460	-6.5	13759	502	0.186	0.194	-4.1
13049	502	0.057	0.058	-1.7	13454	501	0.380	0.410	-7.3	13759	503	0.143	0.147	-2.7
13049	503	0.037	0.037	0.0	13454	502	0.370	0.390	-5.1	13930	501	0.141	0.144	-2.1
13111	501	0.770	0.790	-2.5	13454	503	0.510	0.540	-5.6	13930	502	0.167	0.168	-0.6
13111	502	0.920	0.940	-2.1	13455	501	0.390	0.410	-4.9	13930	503	0.153	0.151	1.3
13111	503	1.230	1.230	0.0	13455	502	0.370	0.400	-7.5	14068	501	0.035	0.036	-2.8
13112	501	0.068	0.070	-2.9	13455	503	0.510	0.540	-5.6	14068	502	0.041	0.043	-4.7
13112	502	0.093	0.094	-1.1	13506	501	0.810	0.860	-5.8	14068	503	0.032	0.032	0.0
13112	503	0.060	0.061	-1.6	13506	502	0.960	1.000	-4.0	14101	501	0.410	0.430	-4.7
13201	501	0.530	0.560	-5.4	13506	503	0.740	0.760	-2.6	14101	502	0.480	0.500	-4.0
13201	502	0.510	0.540	-5.6	13507	501	0.980	1.030	-4.9	14101	503	0.370	0.380	-2.6
13201	503	0.700	0.740	-5.4	13507	502	1.160	1.210	-4.1	14279	501	0.280	0.300	-6.7
13204	501	0.600	0.640	-6.3	13507	503	0.890	0.920	-3.3	14279	502	0.270	0.290	-6.9
13204	502	0.580	0.620	-6.5	13590	501	0.290	0.310	-6.5	14279	503	0.370	0.390	-5.1
13204	503	0.790	0.840	-6.0	13590	502	0.280	0.300	-6.7	14401	501	0.840	0.860	-2.3
13205	501	0.230	0.245	-6.1	13590	503	0.380	0.400	-5.0	14401	502	1.000	1.020	-2.0
13205	502	0.222	0.237	-6.3	13621	501	0.073	0.078	-6.4	14401	503	1.330	1.330	0.0
13205	503	0.310	0.320	-3.1	13621	502	0.070	0.075	-6.7	14405	501	0.830	0.870	-4.6
13314	501	0.106	0.112	-5.4	13621	503	0.097	0.102	-4.9	14405	502	0.990	1.040	-4.8
13314	502	0.126	0.131	-3.8	13670	501	0.045	0.046	-2.2	14405	503	0.620	0.640	-3.1
13314	503	0.097	0.100	-3.0	13670	502	0.061	0.062	-1.6	14527	501	0.270	0.270	0.0
13351	501	0.260	0.270	-3.7	13670	503	0.040	0.040	0.0	14527	502	0.320	0.320	0.0
13351	502	0.310	0.320	-3.1	13673	501	0.630	0.650	-3.1	14527	503	0.290	0.290	0.0
13351	503	0.235	0.242	-2.9	13673	502	0.750	0.770	-2.6	14655	501	0.078	0.083	-6.0
13352	501	0.260	0.280	-7.1	13673	503	1.000	1.000	0.0	14655	502	0.093	0.097	-4.1
13352	502	0.310	0.320	-3.1	13715	501	0.066	0.067	-1.5	14655	503	0.071	0.074	-4.1
13352	503	0.240	0.247	-2.8	13715	502	0.079	0.079	0.0	14731	501	3.980	3.990	-0.3
13410	501	0.840	0.890	-5.6	13715	503	0.072	0.071	1.4	14731	502	3.150	3.140	0.3
13410	502	0.810	0.860	-5.8	13716	501	0.400	0.420	-4.8	14731	503	4.220	4.150	1.7
13410	503	1.110	1.180	-5.9	13716	502	0.470	0.500	-6.0	14732	501	0.290	0.300	-3.3
13412	501	0.280	0.300	-6.7	13716	503	0.370	0.380	-2.6	14732	502	0.233	0.232	0.4
13412	502	0.270	0.290	-6.9	13720	501	0.360	0.360	0.0	14732	503	0.310	0.310	0.0
13412	503	0.370	0.400	-7.5	13720	502	0.420	0.430	-2.3	14733	501	0.550	0.580	-5.2
13453	501	0.330	0.350	-5.7	13720	503	0.560	0.570	-1.8	14733	502	0.650	0.680	-4.4
13453	502	0.320	0.340	-5.9	13759	501	0.157	0.165	-4.8	14733	503	0.500	0.520	-3.8

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14734	501	0.235	0.248	-5.2	15314	503	0.172	0.178	-3.4	15839	502	0.300	0.310	-3.2
14734	502	0.280	0.290	-3.4	15404	501	0.052	0.056	-7.1	15839	503	0.231	0.238	-2.9
14734	503	0.214	0.221	-3.2	15404	502	0.051	0.054	-5.6	15991	501	0.207	0.219	-5.5
14855	501	0.128	0.137	-6.6	15404	503	0.070	0.074	-5.4	15991	502	0.246	0.260	-5.4
14855	502	0.124	0.132	-6.1	15405	501	0.077	0.082	-6.1	15991	503	0.189	0.195	-3.1
14855	503	0.170	0.180	-5.6	15405	502	0.075	0.079	-5.1	15993	501	0.175	0.185	-5.4
14913	501	0.290	0.310	-6.5	15405	503	0.102	0.108	-5.6	15993	502	0.207	0.217	-4.6
14913	502	0.350	0.360	-2.8	15406	501	0.197	0.210	-6.2	15993	503	0.160	0.165	-3.0
14913	503	0.270	0.280	-3.6	15406	502	0.190	0.202	-5.9	16005	501	0.035	0.036	-2.8
15062	501	0.115	0.123	-6.5	15406	503	0.260	0.280	-7.1	16005	502	0.042	0.042	0.0
15062	502	0.111	0.118	-5.9	15488	501	0.490	0.520	-5.8	16005	503	0.038	0.038	0.0
15062	503	0.153	0.161	-5.0	15488	502	0.470	0.510	-7.8	16009	501	0.157	0.168	-6.5
15063	501	0.134	0.143	-6.3	15488	503	0.650	0.690	-5.8	16009	502	0.152	0.162	-6.2
15063	502	0.129	0.138	-6.5	15538	501	0.340	0.350	-2.9	16009	503	0.209	0.221	-5.4
15063	503	0.178	0.188	-5.3	15538	502	0.400	0.420	-4.8	16402	501	1.250	1.320	-5.3
15070	501	0.111	0.116	-4.3	15538	503	0.310	0.320	-3.1	16402	502	1.480	1.550	-4.5
15070	502	0.133	0.139	-4.3	15600	501	0.850	0.890	-4.5	16402	503	1.140	1.180	-3.4
15070	503	0.083	0.086	-3.5	15600	502	1.000	1.050	-4.8	16403	501	0.790	0.840	-6.0
15123	501	3.850	3.860	-0.3	15600	503	0.770	0.800	-3.8	16403	502	0.940	0.980	-4.1
15123	502	3.050	3.030	0.7	15607	501	0.146	0.152	-3.9	16403	503	0.720	0.740	-2.7
15123	503	4.080	4.010	1.7	15607	502	0.174	0.182	-4.4	16404	501	1.000	1.050	-4.8
15124	501	1.350	1.350	0.0	15607	503	0.108	0.112	-3.6	16404	502	1.180	1.240	-4.8
15124	502	1.070	1.060	0.9	15608	501	0.189	0.199	-5.0	16404	503	0.910	0.940	-3.2
15124	503	1.430	1.400	2.1	15608	502	0.224	0.234	-4.3	16471	501	0.206	0.214	-3.7
15188	501	0.203	0.216	-6.0	15608	503	0.172	0.178	-3.4	16471	502	0.246	0.260	-5.4
15188	502	0.195	0.208	-6.3	15656	501	5.580	5.880	-5.1	16471	503	0.152	0.159	-4.4
15188	503	0.270	0.280	-3.6	15656	502	6.610	6.900	-4.2	16501	501	0.074	0.076	-2.6
15223	501	0.053	0.054	-1.9	15656	503	5.090	5.240	-2.9	16501	502	0.088	0.088	0.0
15223	502	0.072	0.073	-1.4	15699	501	0.360	0.370	-2.7	16501	503	0.080	0.080	0.0
15223	503	0.047	0.047	0.0	15699	502	0.430	0.450	-4.4	16527	501	0.114	0.116	-1.7
15224	501	0.380	0.390	-2.6	15699	503	0.270	0.280	-3.6	16527	502	0.135	0.136	-0.7
15224	502	0.450	0.460	-2.2	15733	501	0.128	0.137	-6.6	16527	503	0.123	0.122	0.8
15224	503	0.600	0.600	0.0	15733	502	0.124	0.132	-6.1	16588	501	0.073	0.078	-6.4
15314	501	0.189	0.199	-5.0	15733	503	0.170	0.180	-5.6	16588	502	0.070	0.075	-6.7
15314	502	0.224	0.234	-4.3	15839	501	0.250	0.270	-7.4	16588	503	0.097	0.102	-4.9

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16604	501	0.122	0.130	-6.2	16891	503	0.118	0.125	-5.6	16921	502	2.950	2.960	-0.3
16604	502	0.118	0.126	-6.3	16892	501	0.162	0.172	-5.8	16921	503	1.720	1.710	0.6
16604	503	0.162	0.172	-5.8	16892	502	0.156	0.166	-6.0	16930	501	1.690	1.720	-1.7
16670	501	2.250	2.220	1.4	16892	503	0.214	0.227	-5.7	16930	502	1.860	1.860	0.0
16670	502	3.110	3.030	2.6	16900	501	2.160	2.190	-1.4	16930	503	1.080	1.080	0.0
16670	503	3.110	3.000	3.7	16900	502	2.370	2.380	-0.4	16931	501	1.830	1.850	-1.1
16676	501	0.260	0.280	-7.1	16900	503	1.380	1.370	0.7	16931	502	2.000	2.010	-0.5
16676	502	0.310	0.320	-3.1	16901	501	1.380	1.400	-1.4	16931	503	1.170	1.160	0.9
16676	503	0.240	0.247	-2.8	16901	502	1.520	1.520	0.0	16940	501	3.680	3.720	-1.1
16694	501	0.242	0.260	-6.9	16901	503	0.890	0.880	1.1	16940	502	4.030	4.040	-0.2
16694	502	0.233	0.249	-6.4	16902	501	1.170	1.190	-1.7	16940	503	2.350	2.340	0.4
16694	503	0.320	0.340	-5.9	16902	502	1.290	1.290	0.0	16941	501	1.470	1.490	-1.3
16705	501	0.211	0.215	-1.9	16902	503	0.750	0.750	0.0	16941	502	1.610	1.620	-0.6
16705	502	0.250	0.250	0.0	16905	501	2.270	2.300	-1.3	16941	503	0.940	0.940	0.0
16705	503	0.228	0.227	0.4	16905	502	2.490	2.500	-0.4	18078	501	0.120	0.122	-1.6
16750	501	0.092	0.097	-5.2	16905	503	1.450	1.440	0.7	18078	502	0.142	0.143	-0.7
16750	502	0.109	0.114	-4.4	16906	501	1.450	1.470	-1.4	18078	503	0.130	0.129	0.8
16750	503	0.084	0.087	-3.4	16906	502	1.590	1.600	-0.6	18109	501	0.350	0.360	-2.8
16751	501	0.092	0.097	-5.2	16906	503	0.930	0.920	1.1	18109	502	0.410	0.430	-4.7
16751	502	0.109	0.114	-4.4	16910	501	1.300	1.310	-0.8	18109	503	0.320	0.320	0.0
16751	503	0.084	0.087	-3.4	16910	502	1.420	1.430	-0.7	18110	501	0.280	0.290	-3.4
16819	501	0.700	0.740	-5.4	16910	503	0.830	0.820	1.2	18110	502	0.330	0.340	-2.9
16819	502	0.670	0.720	-6.9	16911	501	1.170	1.190	-1.7	18110	503	0.250	0.260	-3.8
16819	503	0.920	0.980	-6.1	16911	502	1.290	1.290	0.0	18205	501	0.185	0.188	-1.6
16820	501	0.540	0.570	-5.3	16911	503	0.750	0.750	0.0	18205	502	0.219	0.220	-0.5
16820	502	0.520	0.550	-5.5	16915	501	1.330	1.350	-1.5	18205	503	0.200	0.198	1.0
16820	503	0.710	0.760	-6.6	16915	502	1.460	1.460	0.0	18206	501	0.450	0.470	-4.3
16881	501	1.440	1.520	-5.3	16915	503	0.850	0.850	0.0	18206	502	0.530	0.550	-3.6
16881	502	1.710	1.780	-3.9	16916	501	1.110	1.120	-0.9	18206	503	0.410	0.420	-2.4
16881	503	1.320	1.360	-2.9	16916	502	1.210	1.220	-0.8	18335	501	0.320	0.340	-5.9
16890	501	0.082	0.087	-5.7	16916	503	0.710	0.700	1.4	18335	502	0.380	0.400	-5.0
16890	502	0.079	0.084	-6.0	16920	501	2.940	2.980	-1.3	18335	503	0.290	0.300	-3.3
16890	503	0.108	0.114	-5.3	16920	502	3.230	3.240	-0.3	18435	501	0.730	0.750	-2.7
16891	501	0.089	0.095	-6.3	16920	503	1.890	1.870	1.1	18435	502	0.870	0.890	-2.2
16891	502	0.086	0.091	-5.5	16921	501	2.690	2.720	-1.1	18435	503	1.160	1.160	0.0

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18436	501	0.590	0.610	-3.3	18834	503	0.240	0.247	-2.8	40061	502	2.300	2.250	2.2
18436	502	0.700	0.720	-2.8	18911	501	0.830	0.870	-4.6	40061	503	2.310	2.230	3.6
18436	503	0.940	0.940	0.0	18911	502	0.980	1.030	-4.9	40063	501	55.900	55.100	1.5
18437	501	0.460	0.490	-6.1	18911	503	0.760	0.780	-2.6	40063	502	77.000	75.100	2.5
18437	502	0.550	0.570	-3.5	18912	501	1.560	1.650	-5.5	40063	503	77.200	74.500	3.6
18437	503	0.420	0.430	-2.3	18912	502	1.850	1.930	-4.1	40064	501	16.400	16.200	1.2
18438	501	0.880	0.930	-5.4	18912	503	1.420	1.470	-3.4	40064	502	22.600	22.100	2.3
18438	502	1.050	1.090	-3.7	18920	501	0.410	0.430	-4.7	40064	503	22.700	21.900	3.7
18438	503	0.810	0.830	-2.4	18920	502	0.480	0.500	-4.0	40075	501	24.600	23.600	4.2
18501	501	0.670	0.690	-2.9	18920	503	0.370	0.380	-2.6	40075	502	40.100	38.200	5.0
18501	502	0.800	0.810	-1.2	19007	501	1.500	1.510	-0.7	40075	503	53.800	50.500	6.5
18501	503	1.070	1.070	0.0	19007	502	1.190	1.190	0.0	40101	501	22.200	22.200	0.0
18506	501	0.260	0.270	-3.7	19007	503	1.590	1.570	1.3	40101	502	35.700	35.300	1.1
18506	502	0.248	0.260	-4.6	19051	501	3.330	3.350	-0.6	40101	503	30.200	29.400	2.7
18506	503	0.340	0.360	-5.6	19051	502	2.640	2.630	0.4	40102	501	19.600	19.600	0.0
18507	501	0.166	0.175	-5.1	19051	503	3.530	3.480	1.4	40102	502	31.600	31.200	1.3
18507	502	0.196	0.205	-4.4	19795	501	0.270	0.290	-6.9	40102	503	26.700	26.000	2.7
18507	503	0.151	0.156	-3.2	19795	502	0.320	0.340	-5.9	40111	501	4.430	4.360	1.6
18570	501	1.730	1.830	-5.5	19795	503	0.248	0.260	-4.6	40111	502	6.100	5.950	2.5
18570	502	2.050	2.140	-4.2	19796	501	0.320	0.340	-5.9	40111	503	6.110	5.900	3.6
18570	503	1.580	1.630	-3.1	19796	502	0.380	0.390	-2.6	41001	501	0.149	0.147	1.4
18616	501	0.195	0.208	-6.3	19796	503	0.290	0.300	-3.3	41001	502	0.206	0.201	2.5
18616	502	0.188	0.201	-6.5	40045	501	125.000	123.000	1.6	41001	503	0.206	0.199	3.5
18616	503	0.260	0.270	-3.7	40045	502	172.000	168.000	2.4	41421	501	0.260	0.260	0.0
18707	501	0.010	0.010	0.0	40045	503	172.000	166.000	3.6	41421	502	0.460	0.460	0.0
18707	502	0.012	0.012	0.0	40046	501	24.700	24.300	1.6	41421	503	0.700	0.690	1.4
18707	503	0.011	0.011	0.0	40046	502	34.000	33.200	2.4	41422	501	0.140	0.139	0.7
18708	501	0.101	0.107	-5.6	40046	503	34.100	32.900	3.6	41422	502	0.247	0.244	1.2
18708	502	0.120	0.125	-4.0	40047	501	8.800	8.670	1.5	41422	503	0.380	0.370	2.7
18708	503	0.092	0.095	-3.2	40047	502	12.100	11.800	2.5	41510	501	41.700	44.000	-5.2
18833	501	0.118	0.121	-2.5	40047	503	12.200	11.700	4.3	41510	502	49.400	51.600	-4.3
18833	502	0.141	0.141	0.0	40059	501	3.150	3.100	1.6	41510	503	38.000	39.200	-3.1
18833	503	0.128	0.127	0.8	40059	502	4.340	4.230	2.6	41603	501	12.400	12.300	0.8
18834	501	0.260	0.280	-7.1	40059	503	4.350	4.200	3.6	41603	502	21.900	21.700	0.9
18834	502	0.310	0.320	-3.1	40061	501	1.670	1.650	1.2	41603	503	33.300	32.500	2.5

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LOSS COST % CHANGE BY CLASS

CLASS	TERR	PROPOSED OCCURR	PRESENT OCCURR	% CHG	CLASS	TERR	PROPOSED OCCURR	PRESENT OCCURR	% CHG	CLASS	TERR	PROPOSED OCCURR	PRESENT OCCURR	% CHG
41604	501	6.800	6.770	0.4	41680	503	24.400	23.800	2.5	43550	502	74.300	70.700	5.1
41604	502	12.000	11.900	0.8	41696	501	0.680	0.710	-4.2	43550	503	99.600	93.400	6.6
41604	503	18.300	17.800	2.8	41696	502	0.810	0.850	-4.7	43551	501	25.300	24.200	4.5
41620	501	1.040	1.080	-3.7	41696	503	0.500	0.520	-3.8	43551	502	41.200	39.200	5.1
41620	502	1.240	1.300	-4.6	41697	501	0.470	0.490	-4.1	43551	503	55.300	51.800	6.8
41620	503	0.770	0.800	-3.8	41697	502	0.560	0.590	-5.1	43626	501	6.480	6.380	1.6
41650	501	17.400	17.400	0.0	41697	503	0.350	0.360	-2.8	43626	502	8.920	8.710	2.4
41650	502	30.900	30.500	1.3	41715	501	5.760	5.730	0.5	43626	503	8.950	8.630	3.7
41650	503	46.900	45.700	2.6	41715	502	10.200	10.100	1.0	43628	501	84.200	83.000	1.4
41664	501	18.900	18.600	1.6	41715	503	15.500	15.100	2.6	43628	502	116.000	113.000	2.7
41664	502	26.000	25.400	2.4	41716	501	3.660	3.650	0.3	43628	503	116.000	112.000	3.6
41664	503	26.100	25.200	3.6	41716	502	6.490	6.410	1.2	43629	501	71.300	70.300	1.4
41665	501	2.210	2.180	1.4	41716	503	9.860	9.610	2.6	43629	502	98.300	95.900	2.5
41665	502	3.050	2.980	2.3	43151	501	12.300	11.700	5.1	43629	503	98.500	95.100	3.6
41665	503	3.060	2.950	3.7	43151	502	20.000	19.000	5.3	43760	501	2.380	2.340	1.7
41667	501	51.700	50.900	1.6	43151	503	26.800	25.100	6.8	43760	502	3.270	3.190	2.5
41667	502	71.200	69.500	2.4	43152	501	11.700	12.100	-3.3	43760	503	3.280	3.170	3.5
41667	503	71.400	68.900	3.6	43152	502	14.700	15.000	-2.0	43822	501	3.140	3.270	-4.0
41668	501	48.400	47.700	1.5	43152	503	16.800	16.900	-0.6	43822	502	3.750	3.920	-4.3
41668	502	66.700	65.100	2.5	43200	501	46.600	44.700	4.3	43822	503	2.320	2.420	-4.1
41668	503	66.900	64.600	3.6	43200	502	76.000	72.300	5.1	43840	501	0.039	0.040	-2.5
41669	501	0.340	0.330	3.0	43200	503	102.000	95.500	6.8	43840	502	0.046	0.048	-4.2
41669	502	0.470	0.460	2.2	43421	501	12.800	12.200	4.9	43840	503	0.029	0.030	-3.3
41669	503	0.470	0.450	4.4	43421	502	20.800	19.800	5.1	43860	501	2.470	2.570	-3.9
41670	501	0.570	0.560	1.8	43421	503	27.900	26.200	6.5	43860	502	2.950	3.080	-4.2
41670	502	0.790	0.770	2.6	43422	501	67.100	64.300	4.4	43860	503	1.830	1.910	-4.2
41670	503	0.790	0.760	3.9	43422	502	109.000	104.000	4.8	43889	501	0.880	0.920	-4.3
41677	501	0.214	0.223	-4.0	43422	503	147.000	137.000	7.3	43889	502	1.060	1.100	-3.6
41677	502	0.260	0.270	-3.7	43470	501	3.940	4.110	-4.1	43889	503	0.650	0.680	-4.4
41677	503	0.159	0.165	-3.6	43470	502	4.710	4.930	-4.5	44009	501	4.690	4.700	-0.2
41678	501	39.200	40.400	-3.0	43470	503	2.920	3.040	-3.9	44009	502	3.710	3.700	0.3
41678	502	49.100	50.200	-2.2	43518	501	8.110	7.990	1.5	44009	503	4.970	4.890	1.6
41678	503	56.200	56.600	-0.7	43518	502	11.200	10.900	2.8	44069	501	6.920	6.820	1.5
41680	501	9.070	9.030	0.4	43518	503	11.200	10.800	3.7	44069	502	9.540	9.310	2.5
41680	502	16.100	15.900	1.3	43550	501	45.600	43.700	4.3	44069	503	9.560	9.230	3.6

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44070	501	2.050	2.020	1.5	44111	503	1.310	1.330	-1.5	44432	502	1.370	1.350	1.5
44070	502	2.820	2.760	2.2	44112	501	0.870	0.900	-3.3	44432	503	1.160	1.130	2.7
44070	503	2.830	2.730	3.7	44112	502	0.720	0.740	-2.7	44433	501	27.100	27.200	-0.4
44071	501	2.280	2.250	1.3	44112	503	0.780	0.790	-1.3	44433	502	43.700	43.100	1.4
44071	502	3.140	3.070	2.3	44276	501	62.600	60.000	4.3	44433	503	36.900	36.000	2.5
44071	503	3.150	3.040	3.6	44276	502	102.000	97.000	5.2	44434	501	51.900	52.000	-0.2
44072	501	1.580	1.550	1.9	44276	503	137.000	128.000	7.0	44434	502	83.500	82.500	1.2
44072	502	2.170	2.120	2.4	44277	501	40.600	38.900	4.4	44434	503	70.600	68.800	2.6
44072	503	2.180	2.100	3.8	44277	502	66.100	62.900	5.1	44435	501	53.700	53.800	-0.2
44100	501	2.610	2.710	-3.7	44277	503	88.700	83.100	6.7	44435	502	86.500	85.400	1.3
44100	502	2.150	2.220	-3.2	44280	501	0.214	0.223	-4.0	44435	503	73.100	71.200	2.7
44100	503	2.330	2.370	-1.7	44280	502	0.260	0.270	-3.7	44436	501	62.700	62.900	-0.3
44101	501	2.710	2.820	-3.9	44280	503	0.159	0.165	-3.6	44436	502	101.000	99.800	1.2
44101	502	2.240	2.310	-3.0	44311	501	4.180	4.120	1.5	44436	503	85.400	83.200	2.6
44101	503	2.430	2.470	-1.6	44311	502	5.760	5.620	2.5	44437	501	52.000	52.100	-0.2
44102	501	2.120	2.200	-3.6	44311	503	5.780	5.580	3.6	44437	502	83.700	82.700	1.2
44102	502	1.750	1.800	-2.8	44315	501	2.810	2.770	1.4	44437	503	70.800	69.000	2.6
44102	503	1.900	1.920	-1.0	44315	502	3.870	3.780	2.4	44438	501	41.100	41.200	-0.2
44103	501	1.870	1.950	-4.1	44315	503	3.880	3.750	3.5	44438	502	66.100	65.300	1.2
44103	502	1.550	1.600	-3.1	44427	501	80.200	80.400	-0.2	44438	503	56.000	54.500	2.8
44103	503	1.680	1.700	-1.2	44427	502	129.000	128.000	0.8	44439	501	80.000	80.200	-0.2
44104	501	0.790	0.820	-3.7	44427	503	109.000	106.000	2.8	44439	502	129.000	127.000	1.6
44104	502	0.650	0.670	-3.0	44428	501	80.600	80.800	-0.2	44439	503	109.000	106.000	2.8
44104	503	0.710	0.720	-1.4	44428	502	130.000	128.000	1.6	44440	501	66.200	66.300	-0.2
44108	501	0.920	0.960	-4.2	44428	503	110.000	107.000	2.8	44440	502	107.000	105.000	1.9
44108	502	0.760	0.790	-3.8	44429	501	1.210	1.210	0.0	44440	503	90.100	87.800	2.6
44108	503	0.830	0.840	-1.2	44429	502	1.950	1.920	1.6	45190	501	3.410	3.370	1.2
44109	501	2.330	2.430	-4.1	44429	503	1.650	1.600	3.1	45190	502	5.280	5.180	1.9
44109	502	1.930	1.990	-3.0	44430	501	0.840	0.840	0.0	45190	503	7.270	7.030	3.4
44109	503	2.090	2.120	-1.4	44430	502	1.350	1.340	0.7	45191	501	2.420	2.390	1.3
44110	501	2.390	2.490	-4.0	44430	503	1.140	1.120	1.8	45191	502	3.750	3.670	2.2
44110	502	1.970	2.040	-3.4	44431	501	2.680	2.690	-0.4	45191	503	5.160	4.990	3.4
44110	503	2.140	2.170	-1.4	44431	502	4.320	4.270	1.2	45192	501	2.830	2.790	1.4
44111	501	1.470	1.530	-3.9	44431	503	3.660	3.560	2.8	45192	502	4.380	4.300	1.9
44111	502	1.210	1.250	-3.2	44432	501	0.850	0.850	0.0	45192	503	6.030	5.840	3.3

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45193	501	1.670	1.650	1.2	46004	503	44.600	43.500	2.5	46700	502	153.000	145.000	5.5
45193	502	2.590	2.540	2.0	46005	501	13.300	13.200	0.8	46700	503	205.000	192.000	6.8
45193	503	3.560	3.440	3.5	46005	502	23.500	23.200	1.3	46911	501	12.800	12.600	1.6
45210	501	2.110	2.090	1.0	46005	503	35.700	34.800	2.6	46911	502	17.700	17.200	2.9
45210	502	3.270	3.210	1.9	46112	501	0.087	0.087	0.0	46911	503	17.700	17.100	3.5
45210	503	4.510	4.360	3.4	46112	502	0.141	0.139	1.4	46912	501	23.500	23.100	1.7
45334	501	26.900	25.800	4.3	46112	503	0.119	0.116	2.6	46912	502	32.300	31.600	2.2
45334	502	43.800	41.700	5.0	46202	501	4.330	4.280	1.2	46912	503	32.400	31.300	3.5
45334	503	58.700	55.000	6.7	46202	502	6.710	6.570	2.1	47050	501	0.860	0.890	-3.4
45380	501	0.150	0.160	-6.2	46202	503	9.230	8.930	3.4	47050	502	1.020	1.070	-4.7
45380	502	0.145	0.154	-5.8	46362	501	137.000	141.000	-2.8	47050	503	0.640	0.660	-3.0
45380	503	0.199	0.211	-5.7	46362	502	171.000	175.000	-2.3	47221	501	103.000	98.600	4.5
45450	501	7.910	7.580	4.4	46362	503	196.000	198.000	-1.0	47221	502	168.000	160.000	5.0
45450	502	12.900	12.300	4.9	46426	501	20.000	20.600	-2.9	47221	503	225.000	211.000	6.6
45450	503	17.300	16.200	6.8	46426	502	25.100	25.600	-2.0	47318	501	5.270	5.190	1.5
45678	501	0.231	0.241	-4.1	46426	503	28.600	28.900	-1.0	47318	502	7.260	7.080	2.5
45678	502	0.280	0.290	-3.4	46427	501	26.700	27.500	-2.9	47318	503	7.280	7.020	3.7
45678	503	0.171	0.179	-4.5	46427	502	33.500	34.200	-2.0	47367	501	0.214	0.223	-4.0
45771	501	0.229	0.244	-6.1	46427	503	38.200	38.600	-1.0	47367	502	0.260	0.270	-3.7
45771	502	0.221	0.235	-6.0	46603	501	1.680	1.730	-2.9	47367	503	0.159	0.165	-3.6
45771	503	0.300	0.320	-6.3	46603	502	2.100	2.150	-2.3	47420	501	1.150	1.140	0.9
45819	501	0.074	0.079	-6.3	46603	503	2.400	2.420	-0.8	47420	502	1.590	1.550	2.6
45819	502	0.072	0.076	-5.3	46604	501	1.940	1.990	-2.5	47420	503	1.590	1.540	3.2
45819	503	0.099	0.104	-4.8	46604	502	2.420	2.480	-2.4	47469	501	2.620	2.600	0.8
45900	501	0.097	0.102	-4.9	46604	503	2.770	2.790	-0.7	47469	502	4.630	4.580	1.1
45900	502	0.115	0.120	-4.2	46606	501	5.160	5.310	-2.8	47469	503	7.040	6.860	2.6
45900	503	0.088	0.091	-3.3	46606	502	6.470	6.600	-2.0	47471	501	2.270	2.260	0.4
45901	501	0.083	0.087	-4.6	46606	503	7.390	7.450	-0.8	47471	502	4.010	3.970	1.0
45901	502	0.098	0.103	-4.9	46607	501	7.100	7.300	-2.7	47471	503	6.100	5.950	2.5
45901	503	0.076	0.078	-2.6	46607	502	8.890	9.080	-2.1	47473	501	2.970	2.950	0.7
45937	501	0.105	0.101	4.0	46607	503	10.200	10.200	0.0	47473	502	5.250	5.190	1.2
45937	502	0.172	0.163	5.5	46622	501	9.160	9.540	-4.0	47473	503	7.980	7.780	2.6
45937	503	0.230	0.216	6.5	46622	502	11.000	11.400	-3.5	47474	501	3.310	3.300	0.3
46004	501	16.600	16.500	0.6	46622	503	6.790	7.070	-4.0	47474	502	5.870	5.800	1.2
46004	502	29.300	29.000	1.0	46700	501	93.800	89.900	4.3	47474	503	8.920	8.690	2.6

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47475	501	2.620	2.600	0.8	48637	503	7.600	7.330	3.7	49333	502	9.440	8.990	5.0
47475	502	4.630	4.580	1.1	48638	501	2.730	2.690	1.5	49333	503	12.700	11.900	6.7
47475	503	7.040	6.860	2.6	48638	502	3.760	3.670	2.5	49617	501	0.320	0.320	0.0
47476	501	2.620	2.600	0.8	48638	503	3.770	3.640	3.6	49617	502	0.250	0.250	0.0
47476	502	4.630	4.580	1.1	48808	501	1.430	1.510	-5.3	49617	503	0.340	0.330	3.0
47476	503	7.040	6.860	2.6	48808	502	1.690	1.770	-4.5	49618	501	0.270	0.270	0.0
47477	501	3.490	3.470	0.6	48808	503	1.300	1.340	-3.0	49618	502	0.211	0.210	0.5
47477	502	6.180	6.100	1.3	48925	501	132.000	130.000	1.5	49618	503	0.280	0.280	0.0
47477	503	9.390	9.150	2.6	48925	502	181.000	177.000	2.3	49619	501	0.500	0.500	0.0
47478	501	3.660	3.650	0.3	48925	503	182.000	175.000	4.0	49619	502	0.400	0.390	2.6
47478	502	6.490	6.410	1.2	49005	501	0.146	0.152	-3.9	49619	503	0.530	0.520	1.9
47478	503	9.860	9.610	2.6	49005	502	0.174	0.182	-4.4	49763	501	3.250	3.260	-0.3
48039	501	33.100	31.700	4.4	49005	503	0.108	0.112	-3.6	49763	502	2.570	2.560	0.4
48039	502	53.900	51.300	5.1	49111	501	2.180	2.300	-5.2	49763	503	3.440	3.390	1.5
48039	503	72.300	67.700	6.8	49111	502	2.590	2.700	-4.1	49801	501	90.600	86.900	4.3
48206	501	17.100	16.900	1.2	49111	503	1.990	2.050	-2.9	49801	502	148.000	141.000	5.0
48206	502	23.600	23.000	2.6	49181	501	10.800	10.400	3.8	49801	503	198.000	186.000	6.5
48206	503	23.700	22.800	3.9	49181	502	17.600	16.700	5.4	49802	501	8.040	7.700	4.4
48441	501	0.072	0.071	1.4	49181	503	23.600	22.100	6.8	49802	502	13.100	12.500	4.8
48441	502	0.099	0.097	2.1	49183	501	13.200	12.600	4.8	49802	503	17.600	16.500	6.7
48441	503	0.099	0.096	3.1	49183	502	21.500	20.400	5.4	49803	501	14.200	13.600	4.4
48557	501	7.200	7.090	1.6	49183	503	28.800	27.000	6.7	49803	502	23.200	22.100	5.0
48557	502	9.910	9.670	2.5	49184	501	27.800	26.600	4.5	49803	503	31.100	29.100	6.9
48557	503	9.940	9.590	3.6	49184	502	45.300	43.100	5.1	49840	501	0.880	0.920	-4.3
48558	501	6.260	6.170	1.5	49184	503	60.700	56.900	6.7	49840	502	1.060	1.100	-3.6
48558	502	8.620	8.410	2.5	49185	501	25.300	24.200	4.5	49840	503	0.650	0.680	-4.4
48558	503	8.650	8.340	3.7	49185	502	41.200	39.200	5.1	49870	501	55.000	54.200	1.5
48600	501	40.000	41.100	-2.7	49185	503	55.300	51.800	6.8	49870	502	75.800	73.900	2.6
48600	502	50.100	51.200	-2.1	49239	501	0.112	0.120	-6.7	49870	503	76.000	73.300	3.7
48600	503	57.300	57.700	-0.7	49239	502	0.108	0.115	-6.1	50010	501	0.205	0.222	-7.7
48636	501	1.220	1.260	-3.2	49239	503	0.149	0.157	-5.1	50010	502	0.130	0.142	-8.5
48636	502	0.810	0.840	-3.6	49292	501	0.790	0.760	3.9	50010	503	0.192	0.204	-5.9
48636	503	1.540	1.590	-3.1	49292	502	1.290	1.230	4.9	50015	501	0.133	0.145	-8.3
48637	501	5.500	5.420	1.5	49292	503	1.730	1.620	6.8	50015	502	0.085	0.093	-8.6
48637	502	7.580	7.390	2.6	49333	501	5.800	5.560	4.3	50015	503	0.125	0.133	-6.0

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STATE: 19 - MARYLAND
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LOSS COST % CHANGE BY CLASS

CLASS	TERR	PROPOSED OCCURR	PRESENT OCCURR	% CHG	CLASS	TERR	PROPOSED OCCURR	PRESENT OCCURR	% CHG	CLASS	TERR	PROPOSED OCCURR	PRESENT OCCURR	% CHG
50017	501	0.102	0.110	-7.3	51221	503	0.176	0.182	-3.3	51300	502	0.053	0.053	0.0
50017	502	0.064	0.070	-8.6	51222	501	0.170	0.176	-3.4	51300	503	0.079	0.080	-1.3
50017	503	0.095	0.101	-5.9	51222	502	0.112	0.117	-4.3	51305	501	0.074	0.075	-1.3
50045	501	0.232	0.250	-7.2	51222	503	0.214	0.222	-3.6	51305	502	0.053	0.053	0.0
50045	502	0.147	0.161	-8.7	51224	501	0.178	0.184	-3.3	51305	503	0.079	0.080	-1.3
50045	503	0.217	0.231	-6.1	51224	502	0.117	0.122	-4.1	51315	501	0.073	0.078	-6.4
50047	501	0.026	0.028	-7.1	51224	503	0.224	0.232	-3.4	51315	502	0.070	0.075	-6.7
50047	502	0.017	0.018	-5.6	51230	501	0.030	0.031	-3.2	51315	503	0.097	0.102	-4.9
50047	503	0.024	0.026	-7.7	51230	502	0.020	0.021	-4.8	51330	501	0.075	0.077	-2.6
51001	501	0.042	0.043	-2.3	51230	503	0.038	0.039	-2.6	51330	502	0.049	0.051	-3.9
51001	502	0.028	0.029	-3.4	51240	501	0.420	0.460	-8.7	51330	503	0.094	0.097	-3.1
51001	503	0.053	0.055	-3.6	51240	502	0.270	0.290	-6.9	51333	501	0.024	0.025	-4.0
51005	501	0.009	0.009	0.0	51240	503	0.390	0.420	-7.1	51333	502	0.016	0.017	-5.9
51005	502	0.006	0.006	0.0	51241	501	1.250	1.360	-8.1	51333	503	0.031	0.032	-3.1
51005	503	0.011	0.011	0.0	51241	502	0.800	0.870	-8.0	51340	501	0.035	0.038	-7.9
51116	501	0.106	0.110	-3.6	51241	503	1.170	1.250	-6.4	51340	502	0.022	0.024	-8.3
51116	502	0.070	0.073	-4.1	51250	501	0.193	0.200	-3.5	51340	503	0.032	0.034	-5.9
51116	503	0.133	0.138	-3.6	51250	502	0.127	0.133	-4.5	51350	501	0.125	0.127	-1.6
51201	501	0.035	0.038	-7.9	51250	503	0.243	0.250	-2.8	51350	502	0.089	0.090	-1.1
51201	502	0.022	0.024	-8.3	51251	501	0.036	0.039	-7.7	51350	503	0.133	0.135	-1.5
51201	503	0.033	0.035	-5.7	51251	502	0.023	0.025	-8.0	51351	501	0.112	0.113	-0.9
51205	501	0.107	0.116	-7.8	51251	503	0.034	0.036	-5.6	51351	502	0.079	0.080	-1.3
51205	502	0.068	0.074	-8.1	51252	501	0.127	0.138	-8.0	51351	503	0.119	0.121	-1.7
51205	503	0.100	0.106	-5.7	51252	502	0.081	0.088	-8.0	51352	501	0.154	0.156	-1.3
51206	501	0.017	0.018	-5.6	51252	503	0.119	0.127	-6.3	51352	502	0.109	0.110	-0.9
51206	502	0.011	0.012	-8.3	51253	501	0.109	0.118	-7.6	51352	503	0.163	0.166	-1.8
51206	503	0.016	0.017	-5.9	51253	502	0.069	0.075	-8.0	51355	501	0.105	0.106	-0.9
51210	501	0.073	0.076	-3.9	51253	503	0.101	0.108	-6.5	51355	502	0.074	0.075	-1.3
51210	502	0.048	0.050	-4.0	51254	501	0.034	0.037	-8.1	51355	503	0.111	0.113	-1.8
51210	503	0.092	0.096	-4.2	51254	502	0.021	0.023	-8.7	51356	501	0.113	0.114	-0.9
51220	501	0.250	0.260	-3.8	51254	503	0.032	0.034	-5.9	51356	502	0.080	0.081	-1.2
51220	502	0.166	0.173	-4.0	51255	501	0.490	0.510	-3.9	51356	503	0.120	0.122	-1.6
51220	503	0.320	0.330	-3.0	51255	502	0.320	0.340	-5.9	51357	501	0.103	0.110	-6.4
51221	501	0.140	0.145	-3.4	51255	503	0.620	0.640	-3.1	51357	502	0.100	0.106	-5.7
51221	502	0.092	0.096	-4.2	51300	501	0.074	0.075	-1.3	51357	503	0.137	0.145	-5.5

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CLASS	TERR	PROPOSED OCCURR	PRESENT OCCURR	% CHG	CLASS	TERR	PROPOSED OCCURR	PRESENT OCCURR	% CHG	CLASS	TERR	PROPOSED OCCURR	PRESENT OCCURR	% CHG
51358	501	0.249	0.270	-7.8	51552	503	0.054	0.058	-6.9	51741	502	0.139	0.152	-8.6
51358	502	0.240	0.260	-7.7	51553	501	0.103	0.112	-8.0	51741	503	0.205	0.218	-6.0
51358	503	0.330	0.350	-5.7	51553	502	0.065	0.072	-9.7	51752	501	0.185	0.201	-8.0
51359	501	0.219	0.233	-6.0	51553	503	0.096	0.103	-6.8	51752	502	0.118	0.128	-7.8
51359	502	0.211	0.225	-6.2	51554	501	0.010	0.011	-9.1	51752	503	0.173	0.184	-6.0
51359	503	0.290	0.310	-6.5	51554	502	0.006	0.007	-14.3	51767	501	0.016	0.016	0.0
51370	501	0.410	0.450	-8.9	51554	503	0.009	0.010	-10.0	51767	502	0.011	0.011	0.0
51370	502	0.260	0.290	-10.3	51575	501	0.034	0.034	0.0	51767	503	0.017	0.017	0.0
51370	503	0.380	0.410	-7.3	51575	502	0.024	0.024	0.0	51777	501	0.054	0.055	-1.8
51380	501	0.041	0.045	-8.9	51575	503	0.036	0.036	0.0	51777	502	0.038	0.039	-2.6
51380	502	0.026	0.029	-10.3	51576	501	0.185	0.201	-8.0	51777	503	0.057	0.058	-1.7
51380	503	0.038	0.041	-7.3	51576	502	0.118	0.128	-7.8	51790	501	0.090	0.091	-1.1
51400	501	0.175	0.181	-3.3	51576	503	0.173	0.184	-6.0	51790	502	0.064	0.065	-1.5
51400	502	0.115	0.120	-4.2	51600	501	0.126	0.137	-8.0	51790	503	0.096	0.097	-1.0
51400	503	0.220	0.228	-3.5	51600	502	0.080	0.087	-8.0	51796	501	0.080	0.087	-8.0
51401	501	0.260	0.270	-3.7	51600	503	0.118	0.125	-5.6	51796	502	0.051	0.055	-7.3
51401	502	0.170	0.177	-4.0	51613	501	0.083	0.090	-7.8	51796	503	0.075	0.080	-6.2
51401	503	0.320	0.340	-5.9	51613	502	0.053	0.058	-8.6	51808	501	0.280	0.310	-9.7
51500	501	0.078	0.084	-7.1	51613	503	0.078	0.083	-6.0	51808	502	0.180	0.197	-8.6
51500	502	0.049	0.054	-9.3	51625	501	0.038	0.040	-5.0	51808	503	0.270	0.280	-3.6
51500	503	0.073	0.077	-5.2	51625	502	0.025	0.026	-3.8	51809	501	0.350	0.380	-7.9
51516	501	0.064	0.067	-4.5	51625	503	0.048	0.050	-4.0	51809	502	0.224	0.245	-8.6
51516	502	0.077	0.080	-3.7	51666	501	0.053	0.054	-1.9	51809	503	0.330	0.350	-5.7
51516	503	0.048	0.050	-4.0	51666	502	0.038	0.038	0.0	51833	501	0.081	0.082	-1.2
51517	501	0.073	0.076	-3.9	51666	503	0.056	0.057	-1.8	51833	502	0.057	0.058	-1.7
51517	502	0.087	0.091	-4.4	51702	501	0.115	0.119	-3.4	51833	503	0.086	0.087	-1.1
51517	503	0.054	0.056	-3.6	51702	502	0.076	0.079	-3.8	51850	501	0.180	0.187	-3.7
51550	501	0.096	0.104	-7.7	51702	503	0.145	0.150	-3.3	51850	502	0.119	0.124	-4.0
51550	502	0.061	0.067	-9.0	51703	501	0.048	0.049	-2.0	51850	503	0.227	0.235	-3.4
51550	503	0.090	0.096	-6.2	51703	502	0.031	0.033	-6.1	51851	501	0.122	0.127	-3.9
51551	501	0.033	0.036	-8.3	51703	503	0.060	0.062	-3.2	51851	502	0.081	0.084	-3.6
51551	502	0.021	0.023	-8.7	51734	501	0.090	0.093	-3.2	51851	503	0.154	0.159	-3.1
51551	503	0.031	0.033	-6.1	51734	502	0.059	0.062	-4.8	51852	501	0.290	0.300	-3.3
51552	501	0.058	0.063	-7.9	51734	503	0.113	0.117	-3.4	51852	502	0.189	0.197	-4.1
51552	502	0.037	0.040	-7.5	51741	501	0.219	0.238	-8.0	51852	503	0.360	0.370	-2.7

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51853	501	0.115	0.119	-3.4	51919	503	0.082	0.088	-6.8	51982	502	0.033	0.036	-8.3
51853	502	0.076	0.079	-3.8	51926	501	0.090	0.097	-7.2	51982	503	0.049	0.052	-5.8
51853	503	0.145	0.150	-3.3	51926	502	0.057	0.062	-8.1	51985	501	0.060	0.062	-3.2
51854	501	0.260	0.270	-3.7	51926	503	0.084	0.089	-5.6	51985	502	0.072	0.075	-4.0
51854	502	0.170	0.177	-4.0	51927	501	0.049	0.053	-7.5	51985	503	0.044	0.046	-4.3
51854	503	0.330	0.340	-2.9	51927	502	0.031	0.034	-8.8	51986	501	0.205	0.222	-7.7
51855	501	0.270	0.280	-3.6	51927	503	0.045	0.048	-6.3	51986	502	0.130	0.142	-8.5
51855	502	0.179	0.186	-3.8	51934	501	0.098	0.107	-8.4	51986	503	0.192	0.204	-5.9
51855	503	0.340	0.350	-2.9	51934	502	0.062	0.068	-8.8	51999	501	0.086	0.094	-8.5
51856	501	0.149	0.154	-3.2	51934	503	0.092	0.098	-6.1	51999	502	0.055	0.060	-8.3
51856	502	0.098	0.102	-3.9	51941	501	0.089	0.097	-8.2	51999	503	0.081	0.086	-5.8
51856	503	0.188	0.194	-3.1	51941	502	0.057	0.062	-8.1	52002	501	0.076	0.082	-7.3
51857	501	0.260	0.260	0.0	51941	503	0.083	0.089	-6.7	52002	502	0.048	0.053	-9.4
51857	502	0.168	0.175	-4.0	51942	501	0.143	0.155	-7.7	52002	503	0.071	0.075	-5.3
51857	503	0.320	0.330	-3.0	51942	502	0.091	0.099	-8.1	52075	501	0.142	0.147	-3.4
51869	501	0.094	0.102	-7.8	51942	503	0.133	0.142	-6.3	52075	502	0.094	0.098	-4.1
51869	502	0.060	0.065	-7.7	51956	501	0.390	0.420	-7.1	52075	503	0.179	0.185	-3.2
51869	503	0.088	0.094	-6.4	51956	502	0.245	0.270	-9.3	52076	501	0.171	0.177	-3.4
51877	501	0.530	0.580	-8.6	51956	503	0.360	0.380	-5.3	52076	502	0.113	0.118	-4.2
51877	502	0.340	0.370	-8.1	51957	501	0.340	0.370	-8.1	52076	503	0.215	0.223	-3.6
51877	503	0.500	0.530	-5.7	51957	502	0.216	0.236	-8.5	52109	501	0.019	0.021	-9.5
51889	501	0.087	0.095	-8.4	51957	503	0.320	0.340	-5.9	52109	502	0.012	0.013	-7.7
51889	502	0.055	0.061	-9.8	51958	501	0.300	0.330	-9.1	52109	503	0.018	0.019	-5.3
51889	503	0.082	0.087	-5.7	51958	502	0.192	0.209	-8.1	52134	501	0.250	0.280	-10.7
51896	501	0.041	0.044	-6.8	51958	503	0.280	0.300	-6.7	52134	502	0.161	0.176	-8.5
51896	502	0.026	0.028	-7.1	51959	501	0.310	0.340	-8.8	52134	503	0.237	0.250	-5.2
51896	503	0.038	0.041	-7.3	51959	502	0.196	0.215	-8.8	52137	501	0.056	0.058	-3.4
51900	501	0.061	0.061	0.0	51959	503	0.290	0.310	-6.5	52137	502	0.037	0.038	-2.6
51900	502	0.043	0.043	0.0	51960	501	0.041	0.044	-6.8	52137	503	0.070	0.073	-4.1
51900	503	0.064	0.065	-1.5	51960	502	0.026	0.028	-7.1	52150	501	0.470	0.510	-7.8
51909	501	0.163	0.169	-3.6	51960	503	0.038	0.041	-7.3	52150	502	0.300	0.320	-6.3
51909	502	0.107	0.112	-4.5	51970	501	0.177	0.192	-7.8	52150	503	0.440	0.470	-6.4
51909	503	0.205	0.213	-3.8	51970	502	0.113	0.123	-8.1	52315	501	0.070	0.071	-1.4
51919	501	0.088	0.095	-7.4	51970	503	0.166	0.176	-5.7	52315	502	0.050	0.051	-2.0
51919	502	0.056	0.061	-8.2	51982	501	0.052	0.057	-8.8	52315	503	0.075	0.076	-1.3

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52341	501	0.035	0.036	-2.8	52469	503	0.037	0.040	-7.5	53095	502	0.042	0.046	-8.7
52341	502	0.023	0.024	-4.2	52505	501	0.199	0.216	-7.9	53095	503	0.061	0.065	-6.2
52341	503	0.044	0.046	-4.3	52505	502	0.126	0.138	-8.7	53096	501	0.091	0.099	-8.1
52342	501	0.101	0.105	-3.8	52505	503	0.186	0.198	-6.1	53096	502	0.058	0.063	-7.9
52342	502	0.067	0.070	-4.3	52547	501	0.165	0.171	-3.5	53096	503	0.085	0.091	-6.6
52342	503	0.128	0.132	-3.0	52547	502	0.109	0.114	-4.4	53121	501	0.260	0.280	-7.1
52343	501	0.062	0.064	-3.1	52547	503	0.208	0.216	-3.7	53121	502	0.165	0.180	-8.3
52343	502	0.041	0.042	-2.4	52581	501	0.970	1.050	-7.6	53121	503	0.243	0.260	-6.5
52343	503	0.078	0.080	-2.5	52581	502	0.620	0.670	-7.5	53147	501	0.026	0.027	-3.7
52401	501	0.191	0.198	-3.5	52581	503	0.910	0.970	-6.2	53147	502	0.017	0.018	-5.6
52401	502	0.126	0.131	-3.8	52619	501	0.068	0.074	-8.1	53147	503	0.032	0.033	-3.0
52401	503	0.240	0.249	-3.6	52619	502	0.043	0.047	-8.5	53229	501	0.143	0.148	-3.4
52402	501	0.019	0.021	-9.5	52619	503	0.064	0.068	-5.9	53229	502	0.094	0.098	-4.1
52402	502	0.012	0.013	-7.7	52660	501	0.076	0.079	-3.8	53229	503	0.180	0.187	-3.7
52402	503	0.018	0.019	-5.3	52660	502	0.091	0.095	-4.2	53271	501	0.049	0.053	-7.5
52432	501	0.095	0.103	-7.8	52660	503	0.057	0.059	-3.4	53271	502	0.031	0.034	-8.8
52432	502	0.060	0.066	-9.1	52744	501	0.310	0.310	0.0	53271	503	0.046	0.049	-6.1
52432	503	0.089	0.095	-6.3	52744	502	0.220	0.223	-1.3	53333	501	0.141	0.146	-3.4
52433	501	0.087	0.094	-7.4	52744	503	0.330	0.330	0.0	53333	502	0.093	0.097	-4.1
52433	502	0.055	0.060	-8.3	52767	501	0.151	0.157	-3.8	53333	503	0.177	0.184	-3.8
52433	503	0.081	0.086	-5.8	52767	502	0.100	0.104	-3.8	53374	501	0.082	0.083	-1.2
52435	501	0.109	0.118	-7.6	52767	503	0.191	0.197	-3.0	53374	502	0.058	0.059	-1.7
52435	502	0.069	0.076	-9.2	52911	501	0.054	0.059	-8.5	53374	503	0.087	0.088	-1.1
52435	503	0.102	0.108	-5.6	52911	502	0.034	0.038	-10.5	53375	501	0.043	0.044	-2.3
52438	501	0.079	0.085	-7.1	52911	503	0.051	0.054	-5.6	53375	502	0.031	0.031	0.0
52438	502	0.050	0.055	-9.1	52967	501	0.020	0.022	-9.1	53375	503	0.046	0.047	-2.1
52438	503	0.074	0.078	-5.1	52967	502	0.013	0.014	-7.1	53376	501	0.070	0.070	0.0
52440	501	0.124	0.134	-7.5	52967	503	0.019	0.020	-5.0	53376	502	0.049	0.050	-2.0
52440	502	0.078	0.086	-9.3	53001	501	0.199	0.216	-7.9	53376	503	0.074	0.075	-1.3
52440	503	0.115	0.123	-6.5	53001	502	0.127	0.138	-8.0	53377	501	0.071	0.072	-1.4
52467	501	0.114	0.124	-8.1	53001	503	0.186	0.198	-6.1	53377	502	0.050	0.051	-2.0
52467	502	0.072	0.079	-8.9	53077	501	0.096	0.104	-7.7	53377	503	0.076	0.077	-1.3
52467	503	0.107	0.114	-6.1	53077	502	0.061	0.067	-9.0	53403	501	0.045	0.046	-2.2
52469	501	0.040	0.043	-7.0	53077	503	0.090	0.095	-5.3	53403	502	0.032	0.032	0.0
52469	502	0.025	0.028	-10.7	53095	501	0.066	0.071	-7.0	53403	503	0.048	0.048	0.0

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STATE: 19 - MARYLAND
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LOSS COST % CHANGE BY CLASS

CLASS	TERR	PROPOSED OCCURR	PRESENT OCCURR	% CHG	CLASS	TERR	PROPOSED OCCURR	PRESENT OCCURR	% CHG	CLASS	TERR	PROPOSED OCCURR	PRESENT OCCURR	% CHG
53425	501	0.133	0.137	-2.9	54077	503	0.122	0.130	-6.2	55715	502	0.129	0.142	-9.2
53425	502	0.088	0.091	-3.3	55010	501	0.390	0.430	-9.3	55715	503	0.190	0.203	-6.4
53425	503	0.167	0.173	-3.5	55010	502	0.250	0.270	-7.4	55716	501	0.290	0.320	-9.4
53565	501	0.052	0.053	-1.9	55010	503	0.370	0.390	-5.1	55716	502	0.187	0.205	-8.8
53565	502	0.037	0.038	-2.6	55011	501	0.106	0.115	-7.8	55716	503	0.280	0.290	-3.4
53565	503	0.056	0.056	0.0	55011	502	0.068	0.074	-8.1	55717	501	0.192	0.199	-3.5
53631	501	0.030	0.033	-9.1	55011	503	0.099	0.106	-6.6	55717	502	0.127	0.132	-3.8
53631	502	0.019	0.021	-9.5	55012	501	0.127	0.137	-7.3	55717	503	0.242	0.250	-3.2
53631	503	0.028	0.030	-6.7	55012	502	0.080	0.088	-9.1	55718	501	0.186	0.193	-3.6
53632	501	0.035	0.038	-7.9	55012	503	0.118	0.126	-6.3	55718	502	0.123	0.128	-3.9
53632	502	0.022	0.024	-8.3	55013	501	0.120	0.124	-3.2	55718	503	0.235	0.243	-3.3
53632	503	0.032	0.034	-5.9	55013	502	0.079	0.082	-3.7	55802	501	0.054	0.055	-1.8
53731	501	0.032	0.034	-5.9	55013	503	0.151	0.156	-3.2	55802	502	0.038	0.039	-2.6
53731	502	0.020	0.022	-9.1	55214	501	0.103	0.111	-7.2	55802	503	0.057	0.058	-1.7
53731	503	0.030	0.032	-6.3	55214	502	0.065	0.071	-8.5	55918	501	0.117	0.126	-7.1
53732	501	0.217	0.235	-7.7	55214	503	0.096	0.102	-5.9	55918	502	0.074	0.081	-8.6
53732	502	0.138	0.151	-8.6	55371	501	0.209	0.211	-0.9	55918	503	0.109	0.116	-6.0
53732	503	0.203	0.216	-6.0	55371	502	0.148	0.150	-1.3	55919	501	0.016	0.017	-5.9
53733	501	0.141	0.153	-7.8	55371	503	0.222	0.225	-1.3	55919	502	0.010	0.011	-9.1
53733	502	0.090	0.098	-8.2	55426	501	0.146	0.151	-3.3	55919	503	0.015	0.016	-6.3
53733	503	0.132	0.140	-5.7	55426	502	0.096	0.100	-4.0	56040	501	0.011	0.012	-8.3
53734	501	0.390	0.400	-2.5	55426	503	0.183	0.190	-3.7	56040	502	0.007	0.008	-12.5
53734	502	0.460	0.480	-4.2	55597	501	0.026	0.028	-7.1	56040	503	0.010	0.011	-9.1
53734	503	0.290	0.300	-3.3	55597	502	0.016	0.018	-11.1	56041	501	0.073	0.079	-7.6
53803	501	0.320	0.330	-3.0	55597	503	0.024	0.026	-7.7	56041	502	0.046	0.050	-8.0
53803	502	0.209	0.217	-3.7	55647	501	0.051	0.056	-8.9	56041	503	0.068	0.072	-5.6
53803	503	0.400	0.410	-2.4	55647	502	0.033	0.036	-8.3	56042	501	0.091	0.099	-8.1
53907	501	0.095	0.103	-7.8	55647	503	0.048	0.051	-5.9	56042	502	0.058	0.063	-7.9
53907	502	0.061	0.066	-7.6	55648	501	0.023	0.025	-8.0	56042	503	0.085	0.091	-6.6
53907	503	0.089	0.095	-6.3	55648	502	0.015	0.016	-6.3	56170	501	0.130	0.135	-3.7
54012	501	0.039	0.040	-2.5	55648	503	0.022	0.023	-4.3	56170	502	0.086	0.090	-4.4
54012	502	0.046	0.048	-4.2	55649	501	0.028	0.030	-6.7	56170	503	0.164	0.170	-3.5
54012	503	0.029	0.030	-3.3	55649	502	0.018	0.019	-5.3	56171	501	0.064	0.066	-3.0
54077	501	0.131	0.141	-7.1	55649	503	0.026	0.028	-7.1	56171	502	0.042	0.044	-4.5
54077	502	0.083	0.091	-8.8	55715	501	0.204	0.221	-7.7	56171	503	0.081	0.084	-3.6

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CLASS	TERR	PROPOSED OCCURR	PRESENT OCCURR	% CHG	CLASS	TERR	PROPOSED OCCURR	PRESENT OCCURR	% CHG	CLASS	TERR	PROPOSED OCCURR	PRESENT OCCURR	% CHG
56202	501	0.073	0.079	-7.6	56690	503	0.050	0.050	0.0	56912	502	0.062	0.065	-4.6
56202	502	0.046	0.050	-8.0	56699	501	0.081	0.088	-8.0	56912	503	0.119	0.123	-3.3
56202	503	0.068	0.072	-5.6	56699	502	0.051	0.056	-8.9	56913	501	0.077	0.080	-3.7
56390	501	0.127	0.137	-7.3	56699	503	0.075	0.080	-6.2	56913	502	0.051	0.053	-3.8
56390	502	0.080	0.088	-9.1	56758	501	0.069	0.074	-6.8	56913	503	0.097	0.100	-3.0
56390	503	0.118	0.126	-6.3	56758	502	0.043	0.048	-10.4	56915	501	0.460	0.470	-2.1
56391	501	0.109	0.118	-7.6	56758	503	0.064	0.068	-5.9	56915	502	0.300	0.310	-3.2
56391	502	0.069	0.076	-9.2	56759	501	0.070	0.076	-7.9	56915	503	0.570	0.590	-3.4
56391	503	0.102	0.108	-5.6	56759	502	0.045	0.049	-8.2	56916	501	0.410	0.430	-4.7
56427	501	0.175	0.190	-7.9	56759	503	0.066	0.070	-5.7	56916	502	0.270	0.280	-3.6
56427	502	0.111	0.122	-9.0	56760	501	0.101	0.109	-7.3	56916	503	0.520	0.540	-3.7
56427	503	0.164	0.174	-5.7	56760	502	0.064	0.070	-8.6	56917	501	0.119	0.123	-3.3
56488	501	0.090	0.091	-1.1	56760	503	0.094	0.100	-6.0	56917	502	0.078	0.082	-4.9
56488	502	0.064	0.065	-1.5	56805	501	0.133	0.144	-7.6	56917	503	0.149	0.155	-3.9
56488	503	0.096	0.097	-1.0	56805	502	0.084	0.092	-8.7	56918	501	0.057	0.059	-3.4
56567	501	0.135	0.140	-3.6	56805	503	0.124	0.132	-6.1	56918	502	0.038	0.039	-2.6
56567	502	0.089	0.093	-4.3	56806	501	0.094	0.102	-7.8	56918	503	0.072	0.074	-2.7
56567	503	0.170	0.176	-3.4	56806	502	0.060	0.065	-7.7	56919	501	0.146	0.151	-3.3
56650	501	0.410	0.430	-4.7	56806	503	0.088	0.093	-5.4	56919	502	0.096	0.100	-4.0
56650	502	0.270	0.280	-3.6	56807	501	0.093	0.101	-7.9	56919	503	0.183	0.190	-3.7
56650	503	0.520	0.540	-3.7	56807	502	0.059	0.065	-9.2	56920	501	0.133	0.137	-2.9
56651	501	0.225	0.233	-3.4	56807	503	0.087	0.092	-5.4	56920	502	0.088	0.091	-3.3
56651	502	0.148	0.154	-3.9	56808	501	0.122	0.132	-7.6	56920	503	0.167	0.173	-3.5
56651	503	0.280	0.290	-3.4	56808	502	0.077	0.084	-8.3	56980	501	0.101	0.110	-8.2
56652	501	0.161	0.166	-3.0	56808	503	0.114	0.121	-5.8	56980	502	0.064	0.070	-8.6
56652	502	0.106	0.110	-3.6	56900	501	0.117	0.126	-7.1	56980	503	0.094	0.101	-6.9
56652	503	0.202	0.210	-3.8	56900	502	0.074	0.081	-8.6	57001	501	0.035	0.038	-7.9
56653	501	0.155	0.160	-3.1	56900	503	0.109	0.116	-6.0	57001	502	0.022	0.024	-8.3
56653	502	0.102	0.106	-3.8	56910	501	0.058	0.063	-7.9	57001	503	0.032	0.034	-5.9
56653	503	0.195	0.202	-3.5	56910	502	0.037	0.040	-7.5	57002	501	0.022	0.024	-8.3
56654	501	0.079	0.082	-3.7	56910	503	0.054	0.058	-6.9	57002	502	0.014	0.016	-12.5
56654	502	0.052	0.054	-3.7	56911	501	0.116	0.121	-4.1	57002	503	0.021	0.022	-4.5
56654	503	0.100	0.103	-2.9	56911	502	0.077	0.080	-3.7	57090	501	0.213	0.221	-3.6
56690	501	0.047	0.047	0.0	56911	503	0.147	0.152	-3.3	57090	502	0.140	0.146	-4.1
56690	502	0.033	0.033	0.0	56912	501	0.094	0.098	-4.1	57090	503	0.270	0.280	-3.6

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57146	501	0.135	0.140	-3.6	57651	503	0.053	0.057	-7.0	57997	502	0.102	0.107	-4.7
57146	502	0.089	0.093	-4.3	57690	501	0.091	0.094	-3.2	57997	503	0.064	0.066	-3.0
57146	503	0.170	0.176	-3.4	57690	502	0.060	0.062	-3.2	57998	501	0.062	0.067	-7.5
57202	501	0.090	0.097	-7.2	57690	503	0.114	0.118	-3.4	57998	502	0.039	0.043	-9.3
57202	502	0.057	0.062	-8.1	57716	501	0.043	0.045	-4.4	57998	503	0.058	0.062	-6.5
57202	503	0.084	0.089	-5.6	57716	502	0.028	0.030	-6.7	57999	501	0.059	0.061	-3.3
57257	501	0.111	0.121	-8.3	57716	503	0.054	0.056	-3.6	57999	502	0.039	0.041	-4.9
57257	502	0.071	0.077	-7.8	57725	501	0.094	0.098	-4.1	57999	503	0.075	0.077	-2.6
57257	503	0.104	0.111	-6.3	57725	502	0.062	0.065	-4.6	58009	501	0.059	0.061	-3.3
57401	501	0.063	0.069	-8.7	57725	503	0.119	0.123	-3.3	58009	502	0.039	0.041	-4.9
57401	502	0.040	0.044	-9.1	57726	501	0.073	0.076	-3.9	58009	503	0.075	0.077	-2.6
57401	503	0.059	0.063	-6.3	57726	502	0.048	0.050	-4.0	58010	501	0.144	0.156	-7.7
57403	501	0.110	0.112	-1.8	57726	503	0.092	0.096	-4.2	58010	502	0.091	0.100	-9.0
57403	502	0.078	0.079	-1.3	57798	501	0.029	0.031	-6.5	58010	503	0.134	0.143	-6.3
57403	503	0.117	0.119	-1.7	57798	502	0.018	0.020	-10.0	58020	501	0.119	0.120	-0.8
57410	501	0.031	0.033	-6.1	57798	503	0.027	0.029	-6.9	58020	502	0.084	0.085	-1.2
57410	502	0.019	0.021	-9.5	57800	501	0.108	0.117	-7.7	58020	503	0.126	0.128	-1.6
57410	503	0.029	0.030	-3.3	57800	502	0.069	0.075	-8.0	58056	501	0.172	0.186	-7.5
57411	501	0.033	0.034	-2.9	57800	503	0.101	0.107	-5.6	58056	502	0.109	0.119	-8.4
57411	502	0.021	0.022	-4.5	57808	501	0.036	0.037	-2.7	58056	503	0.160	0.171	-6.4
57411	503	0.041	0.043	-4.7	57808	502	0.024	0.025	-4.0	58057	501	0.108	0.117	-7.7
57572	501	0.018	0.019	-5.3	57808	503	0.045	0.047	-4.3	58057	502	0.069	0.075	-8.0
57572	502	0.011	0.012	-8.3	57809	501	0.037	0.039	-5.1	58057	503	0.101	0.107	-5.6
57572	503	0.017	0.018	-5.6	57809	502	0.025	0.026	-3.8	58058	501	0.097	0.105	-7.6
57600	501	0.053	0.058	-8.6	57809	503	0.047	0.049	-4.1	58058	502	0.062	0.067	-7.5
57600	502	0.034	0.037	-8.1	57810	501	0.036	0.037	-2.7	58058	503	0.091	0.097	-6.2
57600	503	0.050	0.053	-5.7	57810	502	0.024	0.025	-4.0	58095	501	0.137	0.148	-7.4
57611	501	0.070	0.072	-2.8	57810	503	0.045	0.047	-4.3	58095	502	0.087	0.095	-8.4
57611	502	0.046	0.048	-4.2	57871	501	0.043	0.045	-4.4	58095	503	0.128	0.136	-5.9
57611	503	0.088	0.091	-3.3	57871	502	0.028	0.030	-6.7	58096	501	0.182	0.197	-7.6
57625	501	0.470	0.510	-7.8	57871	503	0.054	0.056	-3.6	58096	502	0.115	0.126	-8.7
57625	502	0.300	0.330	-9.1	57913	501	0.140	0.152	-7.9	58096	503	0.169	0.181	-6.6
57625	503	0.440	0.470	-6.4	57913	502	0.089	0.097	-8.2	58301	501	0.045	0.047	-4.3
57651	501	0.057	0.062	-8.1	57913	503	0.131	0.139	-5.8	58301	502	0.030	0.031	-3.2
57651	502	0.036	0.040	-10.0	57997	501	0.086	0.089	-3.4	58301	503	0.057	0.059	-3.4

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58302	501	0.049	0.053	-7.5	58560	503	0.045	0.048	-6.3	58822	502	0.106	0.116	-8.6
58302	502	0.031	0.034	-8.8	58575	501	0.062	0.067	-7.5	58822	503	0.156	0.166	-6.0
58302	503	0.046	0.049	-6.1	58575	502	0.039	0.043	-9.3	58837	501	0.280	0.290	-3.4
58397	501	0.280	0.310	-9.7	58575	503	0.058	0.062	-6.5	58837	502	0.182	0.189	-3.7
58397	502	0.180	0.197	-8.6	58627	501	0.199	0.216	-7.9	58837	503	0.350	0.360	-2.8
58397	503	0.270	0.280	-3.6	58627	502	0.126	0.138	-8.7	58840	501	0.083	0.086	-3.5
58408	501	0.051	0.053	-3.8	58627	503	0.186	0.198	-6.1	58840	502	0.054	0.057	-5.3
58408	502	0.060	0.063	-4.8	58663	501	0.300	0.310	-3.2	58840	503	0.104	0.108	-3.7
58408	503	0.037	0.039	-5.1	58663	502	0.197	0.205	-3.9	58873	501	0.132	0.136	-2.9
58409	501	0.064	0.067	-4.5	58663	503	0.380	0.390	-2.6	58873	502	0.087	0.090	-3.3
58409	502	0.077	0.080	-3.7	58682	501	0.177	0.192	-7.8	58873	503	0.166	0.172	-3.5
58409	503	0.048	0.050	-4.0	58682	502	0.112	0.123	-8.9	58903	501	0.038	0.042	-9.5
58456	501	0.034	0.036	-5.6	58682	503	0.165	0.176	-6.2	58903	502	0.024	0.027	-11.1
58456	502	0.041	0.043	-4.7	58713	501	0.034	0.035	-2.9	58903	503	0.036	0.038	-5.3
58456	503	0.025	0.026	-3.8	58713	502	0.024	0.025	-4.0	58904	501	0.029	0.032	-9.4
58457	501	0.050	0.052	-3.8	58713	503	0.036	0.037	-2.7	58904	502	0.019	0.020	-5.0
58457	502	0.059	0.062	-4.8	58737	501	0.128	0.139	-7.9	58904	503	0.027	0.029	-6.9
58457	503	0.037	0.038	-2.6	58737	502	0.082	0.089	-7.9	58922	501	0.219	0.227	-3.5
58458	501	0.064	0.067	-4.5	58737	503	0.120	0.128	-6.2	58922	502	0.144	0.150	-4.0
58458	502	0.077	0.080	-3.7	58756	501	0.056	0.058	-3.4	58922	503	0.280	0.290	-3.4
58458	503	0.048	0.050	-4.0	58756	502	0.037	0.038	-2.6	59005	501	0.073	0.079	-7.6
58459	501	0.077	0.080	-3.7	58756	503	0.070	0.073	-4.1	59005	502	0.046	0.050	-8.0
58459	502	0.092	0.096	-4.2	58757	501	0.430	0.470	-8.5	59005	503	0.068	0.072	-5.6
58459	503	0.057	0.060	-5.0	58757	502	0.270	0.300	-10.0	59057	501	0.540	0.580	-6.9
58503	501	0.076	0.082	-7.3	58757	503	0.400	0.430	-7.0	59057	502	0.340	0.370	-8.1
58503	502	0.048	0.053	-9.4	58759	501	0.053	0.058	-8.6	59057	503	0.500	0.530	-5.7
58503	503	0.071	0.075	-5.3	58759	502	0.034	0.037	-8.1	59058	501	0.350	0.380	-7.9
58532	501	0.098	0.106	-7.5	58759	503	0.050	0.053	-5.7	59058	502	0.221	0.241	-8.3
58532	502	0.062	0.068	-8.8	58802	501	0.061	0.066	-7.6	59058	503	0.320	0.350	-8.6
58532	503	0.091	0.097	-6.2	58802	502	0.039	0.042	-7.1	59188	501	0.235	0.238	-1.3
58559	501	0.020	0.022	-9.1	58802	503	0.057	0.060	-5.0	59188	502	0.167	0.169	-1.2
58559	502	0.013	0.014	-7.1	58813	501	0.137	0.142	-3.5	59188	503	0.250	0.250	0.0
58559	503	0.019	0.020	-5.0	58813	502	0.091	0.094	-3.2	59189	501	0.320	0.330	-3.0
58560	501	0.048	0.052	-7.7	58813	503	0.173	0.179	-3.4	59189	502	0.229	0.232	-1.3
58560	502	0.031	0.033	-6.1	58822	501	0.167	0.181	-7.7	59189	503	0.340	0.350	-2.9

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LOSS COST % CHANGE BY CLASS

CLASS	TERR	PROPOSED OCCURR	PRESENT OCCURR	% CHG	CLASS	TERR	PROPOSED OCCURR	PRESENT OCCURR	% CHG	CLASS	TERR	PROPOSED OCCURR	PRESENT OCCURR	% CHG
59223	501	0.136	0.141	-3.5	59693	503	0.018	0.019	-5.3	59774	502	0.008	0.008	0.0
59223	502	0.090	0.094	-4.3	59701	501	0.009	0.010	-10.0	59774	503	0.012	0.012	0.0
59223	503	0.171	0.178	-3.9	59701	502	0.006	0.006	0.0	59775	501	0.015	0.015	0.0
59257	501	0.020	0.021	-4.8	59701	503	0.008	0.009	-11.1	59775	502	0.010	0.011	-9.1
59257	502	0.012	0.014	-14.3	59713	501	0.205	0.222	-7.7	59775	503	0.016	0.016	0.0
59257	503	0.018	0.019	-5.3	59713	502	0.130	0.142	-8.5	59781	501	0.062	0.064	-3.1
59306	501	0.123	0.133	-7.5	59713	503	0.191	0.204	-6.4	59781	502	0.041	0.042	-2.4
59306	502	0.078	0.085	-8.2	59722	501	0.106	0.115	-7.8	59781	503	0.078	0.080	-2.5
59306	503	0.115	0.122	-5.7	59722	502	0.067	0.074	-9.5	59782	501	0.092	0.095	-3.2
59378	501	0.088	0.092	-4.3	59722	503	0.099	0.105	-5.7	59782	502	0.061	0.063	-3.2
59378	502	0.058	0.061	-4.9	59723	501	0.040	0.043	-7.0	59782	503	0.116	0.120	-3.3
59378	503	0.111	0.115	-3.5	59723	502	0.025	0.028	-10.7	59783	501	0.090	0.093	-3.2
59481	501	0.330	0.360	-8.3	59723	503	0.037	0.040	-7.5	59783	502	0.059	0.062	-4.8
59481	502	0.209	0.229	-8.7	59724	501	0.061	0.066	-7.6	59783	503	0.113	0.117	-3.4
59481	503	0.310	0.330	-6.1	59724	502	0.039	0.042	-7.1	59784	501	0.069	0.071	-2.8
59482	501	0.245	0.248	-1.2	59724	503	0.057	0.061	-6.6	59784	502	0.045	0.047	-4.3
59482	502	0.174	0.176	-1.1	59725	501	0.076	0.083	-8.4	59784	503	0.086	0.090	-4.4
59482	503	0.260	0.260	0.0	59725	502	0.048	0.053	-9.4	59790	501	0.137	0.148	-7.4
59537	501	0.095	0.099	-4.0	59725	503	0.071	0.076	-6.6	59790	502	0.087	0.095	-8.4
59537	502	0.063	0.066	-4.5	59726	501	0.055	0.060	-8.3	59790	503	0.128	0.136	-5.9
59537	503	0.120	0.125	-4.0	59726	502	0.035	0.038	-7.9	59798	501	0.234	0.242	-3.3
59601	501	0.124	0.135	-8.1	59726	503	0.052	0.055	-5.5	59798	502	0.154	0.161	-4.3
59601	502	0.079	0.086	-8.1	59738	501	0.177	0.192	-7.8	59798	503	0.290	0.310	-6.5
59601	503	0.116	0.124	-6.5	59738	502	0.112	0.123	-8.9	59806	501	0.168	0.174	-3.4
59647	501	0.110	0.111	-0.9	59738	503	0.165	0.176	-6.2	59806	502	0.111	0.115	-3.5
59647	502	0.078	0.079	-1.3	59750	501	0.071	0.074	-4.1	59806	503	0.211	0.219	-3.7
59647	503	0.116	0.118	-1.7	59750	502	0.047	0.049	-4.1	59867	501	0.154	0.167	-7.8
59660	501	0.229	0.248	-7.7	59750	503	0.089	0.093	-4.3	59867	502	0.098	0.107	-8.4
59660	502	0.145	0.159	-8.8	59751	501	0.026	0.027	-3.7	59867	503	0.144	0.153	-5.9
59660	503	0.214	0.228	-6.1	59751	502	0.017	0.018	-5.6	59886	501	0.021	0.023	-8.7
59661	501	0.112	0.122	-8.2	59751	503	0.032	0.033	-3.0	59886	502	0.013	0.014	-7.1
59661	502	0.071	0.078	-9.0	59773	501	0.014	0.014	0.0	59886	503	0.019	0.021	-9.5
59661	503	0.105	0.112	-6.2	59773	502	0.010	0.010	0.0	59889	501	0.046	0.046	0.0
59693	501	0.019	0.020	-5.0	59773	503	0.015	0.015	0.0	59889	502	0.032	0.033	-3.0
59693	502	0.012	0.013	-7.7	59774	501	0.011	0.012	-8.3	59889	503	0.049	0.049	0.0

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59892	501	0.090	0.093	-3.2	59932	503	0.260	0.270	-3.7	59986	502	0.081	0.089	-9.0
59892	502	0.059	0.062	-4.8	59941	501	0.085	0.092	-7.6	59986	503	0.120	0.127	-5.5
59892	503	0.113	0.117	-3.4	59941	502	0.054	0.059	-8.5	59988	501	0.029	0.030	-3.3
59904	501	0.061	0.063	-3.2	59941	503	0.080	0.085	-5.9	59988	502	0.019	0.020	-5.0
59904	502	0.040	0.042	-4.8	59947	501	0.061	0.063	-3.2	59988	503	0.037	0.038	-2.6
59904	503	0.076	0.079	-3.8	59947	502	0.040	0.042	-4.8	59989	501	0.022	0.024	-8.3
59905	501	0.096	0.104	-7.7	59947	503	0.076	0.079	-3.8	59989	502	0.014	0.016	-12.5
59905	502	0.061	0.067	-9.0	59955	501	0.033	0.035	-5.7	59989	503	0.021	0.022	-4.5
59905	503	0.090	0.096	-6.2	59955	502	0.021	0.023	-8.7	60010	501	18.600	19.400	-4.1
59914	501	0.570	0.610	-6.6	59955	503	0.030	0.032	-6.3	60010	502	21.500	22.300	-3.6
59914	502	0.360	0.390	-7.7	59963	501	0.243	0.260	-6.5	60010	503	17.800	18.200	-2.2
59914	503	0.530	0.560	-5.4	59963	502	0.154	0.168	-8.3	60011	501	21.400	22.300	-4.0
59915	501	0.201	0.209	-3.8	59963	503	0.227	0.241	-5.8	60011	502	24.800	25.700	-3.5
59915	502	0.133	0.138	-3.6	59964	501	0.570	0.620	-8.1	60011	503	20.500	20.900	-1.9
59915	503	0.250	0.260	-3.8	59964	502	0.360	0.390	-7.7	60012	501	35.100	36.700	-4.4
59917	501	0.037	0.039	-5.1	59964	503	0.530	0.570	-7.0	60012	502	40.700	42.200	-3.6
59917	502	0.025	0.026	-3.8	59970	501	0.082	0.084	-2.4	60012	503	33.600	34.300	-2.0
59917	503	0.047	0.049	-4.1	59970	502	0.054	0.056	-3.6	60013	501	30.100	31.400	-4.1
59923	501	0.014	0.015	-6.7	59970	503	0.103	0.106	-2.8	60013	502	34.900	36.200	-3.6
59923	502	0.009	0.010	-10.0	59973	501	0.157	0.170	-7.6	60013	503	28.800	29.400	-2.0
59923	503	0.013	0.014	-7.1	59973	502	0.099	0.109	-9.2	60015	501	22.500	23.500	-4.3
59925	501	0.224	0.239	-6.3	59973	503	0.146	0.156	-6.4	60015	502	26.100	27.000	-3.3
59925	502	0.217	0.231	-6.1	59975	501	0.114	0.118	-3.4	60015	503	21.500	22.000	-2.3
59925	503	0.300	0.310	-3.2	59975	502	0.075	0.078	-3.8	60016	501	25.300	26.400	-4.2
59926	501	0.191	0.203	-5.9	59975	503	0.144	0.149	-3.4	60016	502	29.300	30.400	-3.6
59926	502	0.184	0.196	-6.1	59977	501	0.065	0.068	-4.4	60016	503	24.200	24.700	-2.0
59926	503	0.250	0.270	-7.4	59977	502	0.043	0.045	-4.4	60035	501	24.000	24.700	-2.8
59927	501	0.128	0.137	-6.6	59977	503	0.082	0.085	-3.5	60035	502	30.100	30.700	-2.0
59927	502	0.124	0.132	-6.1	59984	501	0.043	0.046	-6.5	60035	503	34.400	34.600	-0.6
59927	503	0.170	0.180	-5.6	59984	502	0.027	0.030	-10.0	61000	501	18.400	19.200	-4.2
59931	501	0.250	0.280	-10.7	59984	503	0.040	0.043	-7.0	61000	502	21.300	22.100	-3.6
59931	502	0.161	0.176	-8.5	59985	501	0.168	0.182	-7.7	61000	503	17.600	18.000	-2.2
59931	503	0.237	0.250	-5.2	59985	502	0.106	0.116	-8.6	61212	501	12.300	13.300	-7.5
59932	501	0.270	0.300	-10.0	59985	503	0.157	0.167	-6.0	61212	502	15.400	16.500	-6.7
59932	502	0.174	0.190	-8.4	59986	501	0.128	0.139	-7.9	61212	503	17.600	18.600	-5.4

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61216	501	13.600	14.700	-7.5	62003	503	15.200	15.300	-0.7	66122	502	11.500	11.700	-1.7
61216	502	17.000	18.300	-7.1	63010	501	33.500	34.900	-4.0	66122	503	13.100	13.200	-0.8
61216	503	19.500	20.700	-5.8	63010	502	38.800	40.200	-3.5	66123	501	5.030	5.180	-2.9
61217	501	12.400	13.400	-7.5	63010	503	32.000	32.700	-2.1	66123	502	6.300	6.440	-2.2
61217	502	15.500	16.700	-7.2	63011	501	41.800	43.700	-4.3	66123	503	7.210	7.260	-0.7
61217	503	17.800	18.800	-5.3	63011	502	48.400	50.300	-3.8	66309	501	14.700	15.100	-2.6
61218	501	8.460	9.160	-7.6	63011	503	40.100	40.900	-2.0	66309	502	18.400	18.800	-2.1
61218	502	10.600	11.400	-7.0	63012	501	59.500	62.100	-4.2	66309	503	21.100	21.200	-0.5
61218	503	12.100	12.900	-6.2	63012	502	68.900	71.500	-3.6	66561	501	34.100	35.000	-2.6
61223	501	60.100	61.900	-2.9	63012	503	57.000	58.100	-1.9	66561	502	42.700	43.600	-2.1
61223	502	75.300	76.900	-2.1	63013	501	56.300	58.800	-4.3	66561	503	48.800	49.200	-0.8
61223	503	86.100	86.800	-0.8	63013	502	65.200	67.700	-3.7	67017	501	31.600	32.500	-2.8
61224	501	19.200	21.900	-12.3	63013	503	53.900	55.100	-2.2	67017	502	39.600	40.400	-2.0
61224	502	24.000	27.200	-11.8	63215	501	35.000	36.000	-2.8	67017	503	45.300	45.600	-0.7
61224	503	27.500	30.700	-10.4	63215	502	43.800	44.700	-2.0	67508	501	20.900	20.800	0.5
61225	501	26.600	30.400	-12.5	63215	503	50.100	50.500	-0.8	67508	502	37.100	36.600	1.4
61225	502	33.300	37.800	-11.9	63216	501	24.300	25.000	-2.8	67508	503	56.300	54.900	2.6
61225	503	38.100	42.700	-10.8	63216	502	30.400	31.000	-1.9	67509	501	15.300	15.300	0.0
61226	501	44.700	48.400	-7.6	63216	503	34.700	35.000	-0.9	67509	502	27.200	26.900	1.1
61226	502	56.100	60.200	-6.8	63217	501	25.100	24.700	1.6	67509	503	41.300	40.300	2.5
61226	503	64.000	68.000	-5.9	63217	502	34.500	33.700	2.4	67510	501	8.550	8.510	0.5
61227	501	40.900	44.300	-7.7	63217	503	34.600	33.400	3.6	67510	502	15.100	15.000	0.7
61227	502	51.300	55.100	-6.9	63218	501	8.450	8.320	1.6	67510	503	23.000	22.400	2.7
61227	503	58.600	62.200	-5.8	63218	502	11.600	11.400	1.8	67511	501	9.240	9.200	0.4
62000	501	9.310	10.100	-7.8	63218	503	11.700	11.300	3.5	67511	502	16.400	16.200	1.2
62000	502	11.700	12.500	-6.4	64074	501	24.100	23.800	1.3	67511	503	24.900	24.200	2.9
62000	503	13.300	14.200	-6.3	64074	502	37.300	36.500	2.2	67512	501	39.600	39.400	0.5
62001	501	7.350	7.570	-2.9	64074	503	51.300	49.600	3.4	67512	502	70.100	69.300	1.2
62001	502	9.210	9.410	-2.1	64075	501	16.900	16.700	1.2	67512	503	107.000	104.000	2.9
62001	503	10.500	10.600	-0.9	64075	502	26.200	25.700	1.9	67513	501	25.100	25.000	0.4
62002	501	3.350	3.450	-2.9	64075	503	36.100	34.900	3.4	67513	502	44.500	43.900	1.4
62002	502	4.200	4.290	-2.1	65007	501	21.300	21.900	-2.7	67513	503	67.600	65.900	2.6
62002	503	4.800	4.840	-0.8	65007	502	26.700	27.200	-1.8	67634	501	27.300	28.100	-2.8
62003	501	10.600	10.900	-2.8	65007	503	30.500	30.700	-0.7	67634	502	34.300	35.000	-2.0
62003	502	13.300	13.500	-1.5	66122	501	9.160	9.420	-2.8	67634	503	39.200	39.500	-0.8

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67635	501	19.400	19.900	-2.5	90089	503	4.480	4.710	-4.9	91190	502	2.200	2.310	-4.8
67635	502	24.200	24.800	-2.4	91111	501	3.430	3.610	-5.0	91190	503	2.200	2.310	-4.8
67635	503	27.700	27.900	-0.7	91111	502	3.430	3.610	-5.0	91200	501	0.610	0.650	-6.2
68001	501	59.100	60.800	-2.8	91111	503	3.430	3.610	-5.0	91200	502	0.610	0.650	-6.2
68001	502	74.000	75.600	-2.1	91125	501	2.700	2.840	-4.9	91200	503	0.610	0.650	-6.2
68001	503	84.600	85.300	-0.8	91125	502	2.700	2.840	-4.9	91235	501	2.660	2.800	-5.0
68439	501	76.000	78.200	-2.8	91125	503	2.700	2.840	-4.9	91235	502	2.660	2.800	-5.0
68439	502	95.200	97.200	-2.1	91127	501	2.310	2.430	-4.9	91235	503	2.660	2.800	-5.0
68439	503	109.000	110.000	-0.9	91127	502	2.310	2.430	-4.9	91250	501	4.010	4.220	-5.0
68500	501	4.090	4.270	-4.2	91127	503	2.310	2.430	-4.9	91250	502	4.010	4.220	-5.0
68500	502	4.740	4.910	-3.5	91130	501	1.080	1.130	-4.4	91250	503	4.010	4.220	-5.0
68500	503	3.920	4.000	-2.0	91130	502	1.080	1.130	-4.4	91265	501	13.100	13.800	-5.1
68604	501	1.420	1.460	-2.7	91130	503	1.080	1.130	-4.4	91265	502	13.100	13.800	-5.1
68604	502	1.780	1.820	-2.2	91135	501	0.300	0.310	-3.2	91265	503	13.100	13.800	-5.1
68604	503	2.030	2.050	-1.0	91135	502	0.300	0.310	-3.2	91266	501	6.960	7.310	-4.8
68606	501	5.550	5.710	-2.8	91135	503	0.300	0.310	-3.2	91266	502	6.960	7.310	-4.8
68606	502	6.950	7.100	-2.1	91150	501	2.180	2.290	-4.8	91266	503	6.960	7.310	-4.8
68606	503	7.950	8.010	-0.7	91150	502	2.180	2.290	-4.8	91302	501	10.700	11.400	-6.1
68607	501	4.390	4.510	-2.7	91150	503	2.180	2.290	-4.8	91302	502	10.700	11.400	-6.1
68607	502	5.500	5.610	-2.0	91155	501	4.840	5.090	-4.9	91302	503	10.700	11.400	-6.1
68607	503	6.280	6.330	-0.8	91155	502	4.840	5.090	-4.9	91315	501	3.260	3.460	-5.8
68702	501	3.610	3.720	-3.0	91155	503	4.840	5.090	-4.9	91315	502	3.260	3.460	-5.8
68702	502	4.530	4.620	-1.9	91160	501	1.080	1.140	-5.3	91315	503	3.260	3.460	-5.8
68702	503	5.170	5.210	-0.8	91160	502	1.080	1.140	-5.3	91324	501	7.270	7.710	-5.7
68703	501	2.710	2.790	-2.9	91160	503	1.080	1.140	-5.3	91324	502	7.270	7.710	-5.7
68703	502	3.390	3.470	-2.3	91175	501	0.930	0.980	-5.1	91324	503	7.270	7.710	-5.7
68703	503	3.880	3.910	-0.8	91175	502	0.930	0.980	-5.1	91340	501	4.740	5.030	-5.8
68706	501	11.600	11.900	-2.5	91175	503	0.930	0.980	-5.1	91340	502	4.740	5.030	-5.8
68706	502	14.500	14.900	-2.7	91177	501	4.080	4.290	-4.9	91340	503	4.740	5.030	-5.8
68706	503	16.600	16.800	-1.2	91177	502	4.080	4.290	-4.9	91341	501	4.680	4.920	-4.9
68707	501	11.500	11.800	-2.5	91177	503	4.080	4.290	-4.9	91341	502	4.680	4.920	-4.9
68707	502	14.400	14.700	-2.0	91179	501	4.100	4.310	-4.9	91341	503	4.680	4.920	-4.9
68707	503	16.400	16.600	-1.2	91179	502	4.100	4.310	-4.9	91342	501	4.350	4.620	-5.8
90089	501	4.480	4.710	-4.9	91179	503	4.100	4.310	-4.9	91342	502	4.350	4.620	-5.8
90089	502	4.480	4.710	-4.9	91190	501	2.200	2.310	-4.8	91342	503	4.350	4.620	-5.8

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STATE: 19 - MARYLAND
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LOSS COST % CHANGE BY CLASS

CLASS	TERR	PROPOSED OCCURR	PRESENT OCCURR	% CHG	CLASS	TERR	PROPOSED OCCURR	PRESENT OCCURR	% CHG	CLASS	TERR	PROPOSED OCCURR	PRESENT OCCURR	% CHG
91343	501	1.030	1.090	-5.5	91577	503	12.300	13.000	-5.4	92054	502	0.183	0.193	-5.2
91343	502	1.030	1.090	-5.5	91580	501	5.070	5.330	-4.9	92054	503	0.183	0.193	-5.2
91343	503	1.030	1.090	-5.5	91580	502	5.070	5.330	-4.9	92055	501	5.110	5.370	-4.8
91405	501	5.530	5.860	-5.6	91580	503	5.070	5.330	-4.9	92055	502	5.110	5.370	-4.8
91405	502	5.530	5.860	-5.6	91590	501	3.580	3.760	-4.8	92055	503	5.110	5.370	-4.8
91405	503	5.530	5.860	-5.6	91590	502	3.580	3.760	-4.8	92101	501	7.990	8.400	-4.9
91436	501	5.290	5.570	-5.0	91590	503	3.580	3.760	-4.8	92101	502	7.990	8.400	-4.9
91436	502	5.290	5.570	-5.0	91606	501	10.500	11.100	-5.4	92101	503	7.990	8.400	-4.9
91436	503	5.290	5.570	-5.0	91606	502	10.500	11.100	-5.4	92102	501	4.810	5.060	-4.9
91481	501	19.300	20.300	-4.9	91606	503	10.500	11.100	-5.4	92102	502	4.810	5.060	-4.9
91481	502	19.300	20.300	-4.9	91629	501	2.150	2.260	-4.9	92102	503	4.810	5.060	-4.9
91481	503	19.300	20.300	-4.9	91629	502	2.150	2.260	-4.9	92215	501	3.810	4.010	-5.0
91507	501	2.850	2.990	-4.7	91629	503	2.150	2.260	-4.9	92215	502	3.810	4.010	-5.0
91507	502	2.850	2.990	-4.7	91636	501	3.690	3.880	-4.9	92215	503	3.810	4.010	-5.0
91507	503	2.850	2.990	-4.7	91636	502	3.690	3.880	-4.9	92338	501	1.850	1.940	-4.6
91523	501	43.900	46.200	-5.0	91636	503	3.690	3.880	-4.9	92338	502	1.850	1.940	-4.6
91523	502	43.900	46.200	-5.0	91641	501	1.000	1.050	-4.8	92338	503	1.850	1.940	-4.6
91523	503	43.900	46.200	-5.0	91641	502	1.000	1.050	-4.8	92445	501	2.110	2.220	-5.0
91547	501	0.250	0.260	-3.8	91641	503	1.000	1.050	-4.8	92445	502	2.110	2.220	-5.0
91547	502	0.250	0.260	-3.8	91666	501	0.970	1.020	-4.9	92445	503	2.110	2.220	-5.0
91547	503	0.250	0.260	-3.8	91666	502	0.970	1.020	-4.9	92446	501	6.080	6.390	-4.9
91551	501	1.550	1.630	-4.9	91666	503	0.970	1.020	-4.9	92446	502	6.080	6.390	-4.9
91551	502	1.550	1.630	-4.9	91722	501	3.230	3.390	-4.7	92446	503	6.080	6.390	-4.9
91551	503	1.550	1.630	-4.9	91722	502	3.230	3.390	-4.7	92447	501	5.310	5.580	-4.8
91555	501	1.600	1.690	-5.3	91722	503	3.230	3.390	-4.7	92447	502	5.310	5.580	-4.8
91555	502	1.600	1.690	-5.3	91746	501	3.450	3.620	-4.7	92447	503	5.310	5.580	-4.8
91555	503	1.600	1.690	-5.3	91746	502	3.450	3.620	-4.7	92451	501	2.660	2.800	-5.0
91560	501	3.840	4.040	-5.0	91746	503	3.450	3.620	-4.7	92451	502	2.660	2.800	-5.0
91560	502	3.840	4.040	-5.0	91805	501	0.216	0.228	-5.3	92451	503	2.660	2.800	-5.0
91560	503	3.840	4.040	-5.0	91805	502	0.216	0.228	-5.3	92453	501	3.360	3.540	-5.1
91562	501	3.450	3.620	-4.7	91805	503	0.216	0.228	-5.3	92453	502	3.360	3.540	-5.1
91562	502	3.450	3.620	-4.7	92053	501	0.530	0.560	-5.4	92453	503	3.360	3.540	-5.1
91562	503	3.450	3.620	-4.7	92053	502	0.530	0.560	-5.4	92478	501	1.670	1.750	-4.6
91577	501	12.300	13.000	-5.4	92053	503	0.530	0.560	-5.4	92478	502	1.670	1.750	-4.6
91577	502	12.300	13.000	-5.4	92054	501	0.183	0.193	-5.2	92478	503	1.670	1.750	-4.6

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LOSS COST % CHANGE BY CLASS

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92593	501	34.900	36.800	-5.2	94617	503	4.150	4.360	-4.8	95625	502	5.130	5.450	-5.9
92593	502	34.900	36.800	-5.2	95124	501	1.530	1.610	-5.0	95625	503	5.130	5.450	-5.9
92593	503	34.900	36.800	-5.2	95124	502	1.530	1.610	-5.0	95647	501	3.210	3.370	-4.7
92663	501	0.500	0.520	-3.8	95124	503	1.530	1.610	-5.0	95647	502	3.210	3.370	-4.7
92663	502	0.500	0.520	-3.8	95233	501	3.280	3.450	-4.9	95647	503	3.210	3.370	-4.7
92663	503	0.500	0.520	-3.8	95233	502	3.280	3.450	-4.9	96053	501	2.440	2.560	-4.7
94007	501	11.400	12.000	-5.0	95233	503	3.280	3.450	-4.9	96053	502	2.440	2.560	-4.7
94007	502	11.400	12.000	-5.0	95305	501	3.560	3.750	-5.1	96053	503	2.440	2.560	-4.7
94007	503	11.400	12.000	-5.0	95305	502	3.560	3.750	-5.1	96317	501	1.110	1.170	-5.1
94099	501	2.600	2.730	-4.8	95305	503	3.560	3.750	-5.1	96317	502	1.110	1.170	-5.1
94099	502	2.600	2.730	-4.8	95306	501	4.230	4.440	-4.7	96317	503	1.110	1.170	-5.1
94099	503	2.600	2.730	-4.8	95306	502	4.230	4.440	-4.7	96408	501	3.980	4.180	-4.8
94225	501	9.140	9.610	-4.9	95306	503	4.230	4.440	-4.7	96408	502	3.980	4.180	-4.8
94225	502	9.140	9.610	-4.9	95310	501	8.510	8.940	-4.8	96408	503	3.980	4.180	-4.8
94225	503	9.140	9.610	-4.9	95310	502	8.510	8.940	-4.8	96409	501	3.680	3.870	-4.9
94276	501	4.760	5.010	-5.0	95310	503	8.510	8.940	-4.8	96409	502	3.680	3.870	-4.9
94276	502	4.760	5.010	-5.0	95357	501	1.080	1.130	-4.4	96409	503	3.680	3.870	-4.9
94276	503	4.760	5.010	-5.0	95357	502	1.080	1.130	-4.4	96410	501	3.230	3.400	-5.0
94304	501	3.400	3.580	-5.0	95357	503	1.080	1.130	-4.4	96410	502	3.230	3.400	-5.0
94304	502	3.400	3.580	-5.0	95410	501	4.600	4.830	-4.8	96410	503	3.230	3.400	-5.0
94304	503	3.400	3.580	-5.0	95410	502	4.600	4.830	-4.8	96611	501	1.090	1.150	-5.2
94381	501	6.380	6.710	-4.9	95410	503	4.600	4.830	-4.8	96611	502	1.090	1.150	-5.2
94381	502	6.380	6.710	-4.9	95455	501	4.460	4.680	-4.7	96611	503	1.090	1.150	-5.2
94381	503	6.380	6.710	-4.9	95455	502	4.460	4.680	-4.7	96702	501	4.580	4.810	-4.8
94404	501	4.510	4.740	-4.9	95455	503	4.460	4.680	-4.7	96702	502	4.580	4.810	-4.8
94404	502	4.510	4.740	-4.9	95487	501	2.460	2.590	-5.0	96702	503	4.580	4.810	-4.8
94404	503	4.510	4.740	-4.9	95487	502	2.460	2.590	-5.0	96816	501	4.300	4.520	-4.9
94569	501	3.050	3.200	-4.7	95487	503	2.460	2.590	-5.0	96816	502	4.300	4.520	-4.9
94569	502	3.050	3.200	-4.7	95505	501	2.080	2.180	-4.6	96816	503	4.300	4.520	-4.9
94569	503	3.050	3.200	-4.7	95505	502	2.080	2.180	-4.6	96872	501	3.960	4.160	-4.8
94590	501	13.100	13.800	-5.1	95505	503	2.080	2.180	-4.6	96872	502	3.960	4.160	-4.8
94590	502	13.100	13.800	-5.1	95620	501	2.000	2.100	-4.8	96872	503	3.960	4.160	-4.8
94590	503	13.100	13.800	-5.1	95620	502	2.000	2.100	-4.8	97047	501	3.310	3.510	-5.7
94617	501	4.150	4.360	-4.8	95620	503	2.000	2.100	-4.8	97047	502	3.310	3.510	-5.7
94617	502	4.150	4.360	-4.8	95625	501	5.130	5.450	-5.9	97047	503	3.310	3.510	-5.7

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97050	501	2.570	2.720	-5.5	97654	503	5.660	5.950	-4.9	98157	502	2.920	3.070	-4.9
97050	502	2.570	2.720	-5.5	97655	501	4.030	4.240	-5.0	98157	503	2.920	3.070	-4.9
97050	503	2.570	2.720	-5.5	97655	502	4.030	4.240	-5.0	98159	501	1.960	2.060	-4.9
97111	501	5.490	5.780	-5.0	97655	503	4.030	4.240	-5.0	98159	502	1.960	2.060	-4.9
97111	502	5.490	5.780	-5.0	98002	501	0.730	0.770	-5.2	98159	503	1.960	2.060	-4.9
97111	503	5.490	5.780	-5.0	98002	502	0.730	0.770	-5.2	98160	501	4.150	4.360	-4.8
97220	501	0.290	0.300	-3.3	98002	503	0.730	0.770	-5.2	98160	502	4.150	4.360	-4.8
97220	502	0.290	0.300	-3.3	98003	501	1.020	1.070	-4.7	98160	503	4.150	4.360	-4.8
97220	503	0.290	0.300	-3.3	98003	502	1.020	1.070	-4.7	98161	501	4.650	4.880	-4.7
97222	501	1.760	1.860	-5.4	98003	503	1.020	1.070	-4.7	98161	502	4.650	4.880	-4.7
97222	502	1.760	1.860	-5.4	98090	501	0.137	0.144	-4.9	98161	503	4.650	4.880	-4.7
97222	503	1.760	1.860	-5.4	98090	502	0.137	0.144	-4.9	98163	501	4.880	5.130	-4.9
97223	501	2.660	2.800	-5.0	98090	503	0.137	0.144	-4.9	98163	502	4.880	5.130	-4.9
97223	502	2.660	2.800	-5.0	98091	501	0.148	0.156	-5.1	98163	503	4.880	5.130	-4.9
97223	503	2.660	2.800	-5.0	98091	502	0.148	0.156	-5.1	98164	501	2.240	2.360	-5.1
97308	501	0.540	0.570	-5.3	98091	503	0.148	0.156	-5.1	98164	502	2.240	2.360	-5.1
97308	502	0.540	0.570	-5.3	98092	501	0.450	0.470	-4.3	98164	503	2.240	2.360	-5.1
97308	503	0.540	0.570	-5.3	98092	502	0.450	0.470	-4.3	98257	501	1.530	1.610	-5.0
97447	501	1.770	1.860	-4.8	98092	503	0.450	0.470	-4.3	98257	502	1.530	1.610	-5.0
97447	502	1.770	1.860	-4.8	98111	501	0.670	0.710	-5.6	98257	503	1.530	1.610	-5.0
97447	503	1.770	1.860	-4.8	98111	502	0.670	0.710	-5.6	98303	501	9.180	9.650	-4.9
97650	501	3.800	3.990	-4.8	98111	503	0.670	0.710	-5.6	98303	502	9.180	9.650	-4.9
97650	502	3.800	3.990	-4.8	98152	501	2.460	2.580	-4.7	98303	503	9.180	9.650	-4.9
97650	503	3.800	3.990	-4.8	98152	502	2.460	2.580	-4.7	98304	501	5.680	5.970	-4.9
97651	501	5.230	5.490	-4.7	98152	503	2.460	2.580	-4.7	98304	502	5.680	5.970	-4.9
97651	502	5.230	5.490	-4.7	98153	501	2.770	2.910	-4.8	98304	503	5.680	5.970	-4.9
97651	503	5.230	5.490	-4.7	98153	502	2.770	2.910	-4.8	98305	501	2.650	2.820	-6.0
97652	501	4.530	4.760	-4.8	98153	503	2.770	2.910	-4.8	98305	502	2.650	2.820	-6.0
97652	502	4.530	4.760	-4.8	98154	501	3.270	3.430	-4.7	98305	503	2.650	2.820	-6.0
97652	503	4.530	4.760	-4.8	98154	502	3.270	3.430	-4.7	98306	501	6.830	7.250	-5.8
97653	501	3.250	3.410	-4.7	98154	503	3.270	3.430	-4.7	98306	502	6.830	7.250	-5.8
97653	502	3.250	3.410	-4.7	98155	501	4.570	4.800	-4.8	98306	503	6.830	7.250	-5.8
97653	503	3.250	3.410	-4.7	98155	502	4.570	4.800	-4.8	98307	501	1.800	1.890	-4.8
97654	501	5.660	5.950	-4.9	98155	503	4.570	4.800	-4.8	98307	502	1.800	1.890	-4.8
97654	502	5.660	5.950	-4.9	98157	501	2.920	3.070	-4.9	98307	503	1.800	1.890	-4.8

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98308	501	1.180	1.240	-4.8	98427	503	2.560	2.700	-5.2	98640	502	115.000	121.000	-5.0
98308	502	1.180	1.240	-4.8	98429	501	0.960	1.010	-5.0	98640	503	115.000	121.000	-5.0
98308	503	1.180	1.240	-4.8	98429	502	0.960	1.010	-5.0	98658	501	4.730	4.960	-4.6
98309	501	4.610	4.840	-4.8	98429	503	0.960	1.010	-5.0	98658	502	4.730	4.960	-4.6
98309	502	4.610	4.840	-4.8	98449	501	3.680	3.870	-4.9	98658	503	4.730	4.960	-4.6
98309	503	4.610	4.840	-4.8	98449	502	3.680	3.870	-4.9	98659	501	0.850	0.890	-4.5
98344	501	0.740	0.780	-5.1	98449	503	3.680	3.870	-4.9	98659	502	0.850	0.890	-4.5
98344	502	0.740	0.780	-5.1	98482	501	3.950	4.150	-4.8	98659	503	0.850	0.890	-4.5
98344	503	0.740	0.780	-5.1	98482	502	3.950	4.150	-4.8	98677	501	18.100	19.100	-5.2
98405	501	1.220	1.290	-5.4	98482	503	3.950	4.150	-4.8	98677	502	18.100	19.100	-5.2
98405	502	1.220	1.290	-5.4	98483	501	5.830	6.130	-4.9	98677	503	18.100	19.100	-5.2
98405	503	1.220	1.290	-5.4	98483	502	5.830	6.130	-4.9	98678	501	16.100	16.900	-4.7
98413	501	15.000	15.700	-4.5	98483	503	5.830	6.130	-4.9	98678	502	16.100	16.900	-4.7
98413	502	15.000	15.700	-4.5	98502	501	5.580	5.860	-4.8	98678	503	16.100	16.900	-4.7
98413	503	15.000	15.700	-4.5	98502	502	5.580	5.860	-4.8	98699	501	5.240	5.510	-4.9
98414	501	13.700	14.400	-4.9	98502	503	5.580	5.860	-4.8	98699	502	5.240	5.510	-4.9
98414	502	13.700	14.400	-4.9	98555	501	2.600	2.730	-4.8	98699	503	5.240	5.510	-4.9
98414	503	13.700	14.400	-4.9	98555	502	2.600	2.730	-4.8	98705	501	6.690	7.020	-4.7
98415	501	1.800	1.890	-4.8	98555	503	2.600	2.730	-4.8	98705	502	6.690	7.020	-4.7
98415	502	1.800	1.890	-4.8	98597	501	0.580	0.610	-4.9	98705	503	6.690	7.020	-4.7
98415	503	1.800	1.890	-4.8	98597	502	0.580	0.610	-4.9	98710	501	3.650	3.830	-4.7
98423	501	4.280	4.500	-4.9	98597	503	0.580	0.610	-4.9	98710	502	3.650	3.830	-4.7
98423	502	4.280	4.500	-4.9	98598	501	0.200	0.210	-4.8	98710	503	3.650	3.830	-4.7
98423	503	4.280	4.500	-4.9	98598	502	0.200	0.210	-4.8	98751	501	3.570	3.750	-4.8
98424	501	7.260	7.630	-4.8	98598	503	0.200	0.210	-4.8	98751	502	3.570	3.750	-4.8
98424	502	7.260	7.630	-4.8	98601	501	6.680	7.020	-4.8	98751	503	3.570	3.750	-4.8
98424	503	7.260	7.630	-4.8	98601	502	6.680	7.020	-4.8	98805	501	4.760	5.010	-5.0
98425	501	2.980	3.130	-4.8	98601	503	6.680	7.020	-4.8	98805	502	4.760	5.010	-5.0
98425	502	2.980	3.130	-4.8	98624	501	1.050	1.100	-4.5	98805	503	4.760	5.010	-5.0
98425	503	2.980	3.130	-4.8	98624	502	1.050	1.100	-4.5	98806	501	3.040	3.210	-5.3
98426	501	2.630	2.770	-5.1	98624	503	1.050	1.100	-4.5	98806	502	3.040	3.210	-5.3
98426	502	2.630	2.770	-5.1	98636	501	3.270	3.440	-4.9	98806	503	3.040	3.210	-5.3
98426	503	2.630	2.770	-5.1	98636	502	3.270	3.440	-4.9	98810	501	3.740	3.970	-5.8
98427	501	2.560	2.700	-5.2	98636	503	3.270	3.440	-4.9	98810	502	3.740	3.970	-5.8
98427	502	2.560	2.700	-5.2	98640	501	115.000	121.000	-5.0	98810	503	3.740	3.970	-5.8

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LOSS COST % CHANGE BY CLASS

CLASS	TERR	PROPOSED OCCURR	PRESENT OCCURR	% CHG	CLASS	TERR	PROPOSED OCCURR	PRESENT OCCURR	% CHG	CLASS	TERR	PROPOSED OCCURR	PRESENT OCCURR	% CHG
98813	501	3.610	3.830	-5.7	99163	503	4.330	4.550	-4.8	99507	502	5.670	5.970	-5.0
98813	502	3.610	3.830	-5.7	99165	501	0.950	1.000	-5.0	99507	503	5.670	5.970	-5.0
98813	503	3.610	3.830	-5.7	99165	502	0.950	1.000	-5.0	99570	501	3.040	3.210	-5.3
98820	501	9.090	9.560	-4.9	99165	503	0.950	1.000	-5.0	99570	502	3.040	3.210	-5.3
98820	502	9.090	9.560	-4.9	99220	501	1.270	1.330	-4.5	99570	503	3.040	3.210	-5.3
98820	503	9.090	9.560	-4.9	99220	502	1.270	1.330	-4.5	99571	501	0.740	0.780	-5.1
98884	501	2.360	2.490	-5.2	99220	503	1.270	1.330	-4.5	99571	502	0.740	0.780	-5.1
98884	502	2.360	2.490	-5.2	99222	501	2.380	2.500	-4.8	99571	503	0.740	0.780	-5.1
98884	503	2.360	2.490	-5.2	99222	502	2.380	2.500	-4.8	99572	501	1.440	1.520	-5.3
98914	501	0.580	0.610	-4.9	99222	503	2.380	2.500	-4.8	99572	502	1.440	1.520	-5.3
98914	502	0.580	0.610	-4.9	99223	501	0.270	0.280	-3.6	99572	503	1.440	1.520	-5.3
98914	503	0.580	0.610	-4.9	99223	502	0.270	0.280	-3.6	99573	501	1.380	1.450	-4.8
98949	501	0.810	0.850	-4.7	99223	503	0.270	0.280	-3.6	99573	502	1.380	1.450	-4.8
98949	502	0.810	0.850	-4.7	99303	501	14.500	15.300	-5.2	99573	503	1.380	1.450	-4.8
98949	503	0.810	0.850	-4.7	99303	502	14.500	15.300	-5.2	99600	501	1.310	1.380	-5.1
98967	501	3.710	3.900	-4.9	99303	503	14.500	15.300	-5.2	99600	502	1.310	1.380	-5.1
98967	502	3.710	3.900	-4.9	99310	501	3.630	3.820	-5.0	99600	503	1.310	1.380	-5.1
98967	503	3.710	3.900	-4.9	99310	502	3.630	3.820	-5.0	99613	501	9.170	9.650	-5.0
98993	501	6.250	6.580	-5.0	99310	503	3.630	3.820	-5.0	99613	502	9.170	9.650	-5.0
98993	502	6.250	6.580	-5.0	99315	501	10.700	11.200	-4.5	99613	503	9.170	9.650	-5.0
98993	503	6.250	6.580	-5.0	99315	502	10.700	11.200	-4.5	99614	501	2.920	3.090	-5.5
99003	501	1.760	1.860	-5.4	99315	503	10.700	11.200	-4.5	99614	502	2.920	3.090	-5.5
99003	502	1.760	1.860	-5.4	99321	501	10.400	10.900	-4.6	99614	503	2.920	3.090	-5.5
99003	503	1.760	1.860	-5.4	99321	502	10.400	10.900	-4.6	99620	501	0.500	0.530	-5.7
99004	501	3.000	3.190	-6.0	99321	503	10.400	10.900	-4.6	99620	502	0.500	0.530	-5.7
99004	502	3.000	3.190	-6.0	99471	501	0.580	0.610	-4.9	99620	503	0.500	0.530	-5.7
99004	503	3.000	3.190	-6.0	99471	502	0.580	0.610	-4.9	99650	501	1.440	1.520	-5.3
99080	501	1.250	1.310	-4.6	99471	503	0.580	0.610	-4.9	99650	502	1.440	1.520	-5.3
99080	502	1.250	1.310	-4.6	99505	501	5.290	5.570	-5.0	99650	503	1.440	1.520	-5.3
99080	503	1.250	1.310	-4.6	99505	502	5.290	5.570	-5.0	99709	501	3.560	3.750	-5.1
99111	501	1.810	1.910	-5.2	99505	503	5.290	5.570	-5.0	99709	502	3.560	3.750	-5.1
99111	502	1.810	1.910	-5.2	99506	501	6.510	6.850	-5.0	99709	503	3.560	3.750	-5.1
99111	503	1.810	1.910	-5.2	99506	502	6.510	6.850	-5.0	99718	501	1.470	1.540	-4.5
99163	501	4.330	4.550	-4.8	99506	503	6.510	6.850	-5.0	99718	502	1.470	1.540	-4.5
99163	502	4.330	4.550	-4.8	99507	501	5.670	5.970	-5.0	99718	503	1.470	1.540	-4.5

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LOSS COST % CHANGE BY CLASS

CLASS	TERR	PROPOSED OCCURR	PRESENT OCCURR	% CHG	CLASS	TERR	PROPOSED OCCURR	PRESENT OCCURR	% CHG	CLASS	TERR	PROPOSED OCCURR	PRESENT OCCURR	% CHG
99746	501	2.480	2.610	-5.0	99948	503	7.530	7.930	-5.0					
99746	502	2.480	2.610	-5.0	99952	501	5.480	5.820	-5.8					
99746	503	2.480	2.610	-5.0	99952	502	5.480	5.820	-5.8					
99760	501	0.280	0.300	-6.7	99952	503	5.480	5.820	-5.8					
99760	502	0.280	0.300	-6.7	99953	501	5.920	6.280	-5.7					
99760	503	0.280	0.300	-6.7	99953	502	5.920	6.280	-5.7					
99777	501	6.480	6.880	-5.8	99953	503	5.920	6.280	-5.7					
99777	502	6.480	6.880	-5.8	99954	501	4.310	4.570	-5.7					
99777	503	6.480	6.880	-5.8	99954	502	4.310	4.570	-5.7					
99793	501	3.150	3.310	-4.8	99954	503	4.310	4.570	-5.7					
99793	502	3.150	3.310	-4.8	99955	501	5.400	5.720	-5.6					
99793	503	3.150	3.310	-4.8	99955	502	5.400	5.720	-5.6					
99826	501	0.740	0.780	-5.1	99955	503	5.400	5.720	-5.6					
99826	502	0.740	0.780	-5.1	99963	501	0.720	0.750	-4.0					
99826	503	0.740	0.780	-5.1	99963	502	0.720	0.750	-4.0					
99827	501	0.450	0.470	-4.3	99963	503	0.720	0.750	-4.0					
99827	502	0.450	0.470	-4.3	99969	501	2.310	2.420	-4.5					
99827	503	0.450	0.470	-4.3	99969	502	2.310	2.420	-4.5					
99851	501	1.830	1.930	-5.2	99969	503	2.310	2.420	-4.5					
99851	502	1.830	1.930	-5.2	99975	501	4.790	5.080	-5.7					
99851	503	1.830	1.930	-5.2	99975	502	4.790	5.080	-5.7					
99917	501	2.960	3.120	-5.1	99975	503	4.790	5.080	-5.7					
99917	502	2.960	3.120	-5.1	99988	501	2.040	2.140	-4.7					
99917	503	2.960	3.120	-5.1	99988	502	2.040	2.140	-4.7					
99938	501	3.330	3.500	-4.9	99988	503	2.040	2.140	-4.7					
99938	502	3.330	3.500	-4.9										
99938	503	3.330	3.500	-4.9										
99943	501	9.660	10.200	-5.3										
99943	502	9.660	10.200	-5.3										
99943	503	9.660	10.200	-5.3										
99946	501	7.190	7.560	-4.9										
99946	502	7.190	7.560	-4.9										
99946	503	7.190	7.560	-4.9										
99948	501	7.530	7.930	-5.0										
99948	502	7.530	7.930	-5.0										

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LOSS COST % CHANGE BY CLASS

CLASS	PROPOSED OCCURR	PRESENT OCCURR	% CHG	CLASS	PROPOSED OCCURR	PRESENT OCCURR	% CHG	CLASS	PROPOSED OCCURR	PRESENT OCCURR	% CHG
10010	0.189	0.195	-3.1	11259	0.094	0.109	-13.8	13759	0.154	0.134	14.9
10026	0.029	0.025	16.0	11288	0.071	0.072	-1.4	13930	0.174	0.201	-13.4
10040	0.320	0.300	6.7	12014	0.051	0.043	18.6	14068	0.012	0.014	-14.3
10042	0.480	0.420	14.3	12356	0.048	0.037	29.7 U	14101	0.065	0.055	18.2
10060	0.056	0.048	16.7	12361	0.070	0.077	-9.1	14279	0.101	0.081	24.7
10065	0.039	0.030	30.0 U	12373	0.023	0.024	-4.2	14401	0.089	0.095	-6.3
10066	0.069	0.059	16.9	12374	0.085	0.085	0.0	14527	0.179	0.189	-5.3
10070	0.151	0.154	-1.9	12375	0.038	0.047	-19.1 L	14855	0.133	0.154	-13.6
10071	0.170	0.141	20.6	12391	0.070	0.082	-14.6	14913	0.131	0.109	20.2
10073	0.650	0.690	-5.8	12509	0.031	0.036	-13.9	15223	0.044	0.041	7.3
10075	0.223	0.169	32.0 U	12510	0.036	0.031	16.1	15224	0.068	0.070	-2.9
10100	0.069	0.056	23.2	12651	0.510	0.530	-3.8	15406	0.053	0.048	10.4
10101	0.177	0.181	-2.2	12707	0.560	0.640	-12.5	15538	0.025	0.021	19.0
10107	0.260	0.213	22.1	12797	0.194	0.196	-1.0	15600	0.143	0.109	31.2 U
10111	0.067	0.078	-14.1	12805	0.198	0.153	29.4	15608	0.016	0.014	14.3
10115	0.118	0.097	21.6	13049	0.051	0.057	-10.5	15733	0.034	0.037	-8.1
10140	0.022	0.021	4.8	13111	0.092	0.093	-1.1	15839	0.038	0.033	15.2
10141	0.023	0.023	0.0	13112	0.063	0.063	0.0	15991	0.096	0.077	24.7
10145	0.009	0.010	-10.0	13201	0.144	0.160	-10.0	15993	0.057	0.048	18.8
10146	0.018	0.017	5.9	13204	1.140	1.450	-21.4	16005	0.031	0.034	-8.8
10255	0.151	0.147	2.7	13205	0.420	0.460	-8.7	16009	0.106	0.094	12.8
10256	0.183	0.152	20.4	13314	0.014	0.016	-12.5	16403	0.228	0.174	31.0
10257	0.148	0.169	-12.4	13351	0.075	0.057	31.6 U	16527	0.320	0.350	-8.6
10309	0.025	0.022	13.6	13352	0.050	0.043	16.3	16604	0.122	0.146	-16.4
10352	0.063	0.069	-8.7	13410	2.350	2.990	-21.4	16676	0.020	0.017	17.6
11020	0.226	0.186	21.5	13412	1.210	1.140	6.1	16705	0.131	0.148	-11.5
11039	0.082	0.076	7.9	13506	0.106	0.088	20.5	16750	0.034	0.032	6.3
11126	0.024	0.022	9.1	13507	0.212	0.188	12.8	16900	0.108	0.111	-2.7
11127	0.013	0.010	30.0	13590	0.670	0.740	-9.5	16901	0.139	0.173	-19.7
11128	0.112	0.092	21.7	13621	0.330	0.320	3.1	16902	0.058	0.070	-17.1
11203	0.460	0.520	-11.5	13670	0.017	0.015	13.3	16905	0.108	0.111	-2.7
11204	2.130	1.840	15.8	13673	0.015	0.014	7.1	16906	0.139	0.173	-19.7
11234	0.091	0.075	21.3	13715	0.145	0.165	-12.1	16910	0.058	0.061	-4.9
11248	0.016	0.018	-11.1	13716	0.149	0.137	8.8	16911	0.070	0.077	-9.1
11258	0.159	0.191	-16.8	13720	0.062	0.059	5.1	16915	0.043	0.046	-6.5

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LOSS COST % CHANGE BY CLASS

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16916	0.079	0.083	-4.8	51116	0.690	0.690	0.0	51666	0.089	0.101	-11.9
16920	0.129	0.135	-4.4	51205	0.059	0.071	-16.9	51734	0.350	0.310	12.9
16921	0.046	0.054	-14.8	51206	0.320	0.390	-17.9	51741	0.243	0.260	-6.5
16930	0.168	0.183	-8.2	51220	1.900	2.280	-16.7	51752	0.150	0.165	-9.1
16931	0.080	0.080	0.0	51221	1.760	1.780	-1.1	51767	0.007	0.008	-12.5
16940	0.047	0.055	-14.5	51222	4.530	3.670	23.4	51777	0.077	0.078	-1.3
16941	0.078	0.092	-15.2	51224	1.490	1.450	2.8	51808	0.680	0.730	-6.8
18078	0.182	0.161	13.0	51230	0.740	0.790	-6.3	51809	0.146	0.153	-4.6
18109	0.045	0.037	21.6	51240	0.196	0.185	5.9	51833	0.054	0.060	-10.0
18110	0.054	0.044	22.7	51241	0.218	0.260	-16.2	51869	0.136	0.136	0.0
18205	0.380	0.350	8.6	51252	0.074	0.100	-26.0 L	51877	0.191	0.212	-9.9
18206	0.165	0.134	23.1	51254	0.032	0.039	-17.9	51889	0.011	0.012	-8.3
18335	0.022	0.019	15.8	51300	0.147	0.160	-8.1	51896	0.017	0.018	-5.6
18435	0.070	0.070	0.0	51305	0.880	0.960	-8.3	51900	0.100	0.095	5.3
18436	0.125	0.149	-16.1	51315	0.096	0.106	-9.4	51909	0.053	0.056	-5.4
18501	0.014	0.015	-6.7	51330	0.660	0.530	24.5 U	51926	0.044	0.038	15.8
18506	0.009	0.008	12.5	51333	0.320	0.340	-5.9	51927	0.132	0.131	0.8
18507	0.012	0.010	20.0	51350	0.127	0.135	-5.9	51934	0.107	0.125	-14.4
18616	0.590	0.590	0.0	51351	0.049	0.042	16.7	51941	0.041	0.041	0.0
18707	0.005	0.004	25.0 U	51352	0.101	0.108	-6.5	51956	0.205	0.221	-7.2
18708	0.035	0.027	29.6 U	51355	0.091	0.094	-3.2	51957	0.460	0.420	9.5
18834	0.144	0.123	17.1	51356	0.560	0.620	-9.7	51958	0.370	0.410	-9.8
18911	0.027	0.023	17.4	51357	0.760	0.660	15.2	51960	0.330	0.350	-5.7
18912	0.051	0.041	24.4	51358	0.129	0.141	-8.5	51970	0.177	0.238	-25.6 L
18920	0.026	0.022	18.2	51359	0.710	0.780	-9.0	51982	0.077	0.083	-7.2
45771	0.139	0.164	-15.2	51370	3.830	4.570	-16.2	51986	0.096	0.103	-6.8
45819	0.079	0.073	8.2	51380	0.041	0.044	-6.8	51999	0.400	0.440	-9.1
45900	0.043	0.053	-18.9 L	51500	0.116	0.119	-2.5	52002	0.114	0.129	-11.6
45901	0.045	0.049	-8.2	51550	0.400	0.390	2.6	52075	0.222	0.243	-8.6
49239	0.460	0.600	-23.3	51551	0.890	0.910	-2.2	52134	0.600	0.630	-4.8
49617	0.270	0.226	19.5	51552	0.152	0.159	-4.4	52315	0.270	0.260	3.8
49618	0.088	0.068	29.4	51575	0.021	0.020	5.0	52433	0.800	1.020	-21.6
49619	0.150	0.123	22.0	51576	0.097	0.093	4.3	52469	0.096	0.104	-7.7
50010	0.380	0.490	-22.4	51600	0.172	0.191	-9.9	52505	0.237	0.216	9.7
51001	0.420	0.450	-6.7	51613	0.139	0.139	0.0	52547	0.070	0.078	-10.3

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STATE: 19 - MARYLAND
 SUBLINE: PRODUCTS/COMPLETED OPERATIONS

LOSS COST % CHANGE BY CLASS

CLASS	PROPOSED OCCURR	PRESENT OCCURR	% CHG	CLASS	PROPOSED OCCURR	PRESENT OCCURR	% CHG	CLASS	PROPOSED OCCURR	PRESENT OCCURR	% CHG
52581	2.190	2.950	-25.8 L	56391	0.300	0.320	-6.3	58397	0.650	0.740	-12.2
52744	0.066	0.081	-18.5	56427	0.119	0.125	-4.8	58503	0.077	0.076	1.3
52911	0.420	0.450	-6.7	56488	0.038	0.034	11.8	58575	0.111	0.120	-7.5
52967	0.058	0.062	-6.5	56690	0.330	0.350	-5.7	58627	0.012	0.013	-7.7
53001	0.300	0.330	-9.1	56699	0.067	0.057	17.5	58663	0.950	1.280	-25.8 L
53077	0.219	0.207	5.8	56758	0.140	0.148	-5.4	58737	0.550	0.630	-12.7
53121	0.400	0.440	-9.1	56759	0.078	0.080	-2.5	58802	0.480	0.480	0.0
53333	0.248	0.239	3.8	56760	0.099	0.098	1.0	58837	0.161	0.162	-0.6
53374	0.260	0.310	-16.1	56912	0.084	0.090	-6.7	58840	0.121	0.127	-4.7
53375	0.270	0.223	21.1 U	56916	0.215	0.205	4.9	58873	0.027	0.030	-10.0
53376	0.183	0.194	-5.7	57001	0.031	0.029	6.9	58904	0.120	0.128	-6.2
53377	0.188	0.195	-3.6	57002	0.096	0.106	-9.4	58922	0.179	0.168	6.5
53565	0.096	0.108	-11.1	57090	0.680	0.660	3.0	59005	0.089	0.096	-7.3
53631	0.021	0.022	-4.5	57146	0.750	0.720	4.2	59188	0.052	0.055	-5.5
53632	0.032	0.034	-5.9	57257	0.034	0.035	-2.9	59189	0.280	0.300	-6.7
53732	0.470	0.450	4.4	57401	0.089	0.096	-7.3	59223	0.103	0.088	17.0
53733	0.228	0.270	-15.6	57403	0.033	0.035	-5.7	59257	0.012	0.013	-7.7
53907	0.086	0.103	-16.5	57410	0.173	0.162	6.8	59378	0.141	0.150	-6.0
54077	0.390	0.400	-2.5	57572	0.099	0.108	-8.3	59481	0.096	0.099	-3.0
55010	0.980	1.080	-9.3	57600	0.033	0.034	-2.9	59537	0.232	0.210	10.5
55011	1.750	1.570	11.5	57611	0.055	0.062	-11.3	59601	2.230	2.370	-5.9
55012	1.110	1.180	-5.9	57651	0.039	0.041	-4.9	59647	0.158	0.170	-7.1
55013	1.120	1.140	-1.8	57690	0.450	0.490	-8.2	59660	1.060	1.180	-10.2
55214	0.083	0.088	-5.7	57716	0.074	0.082	-9.8	59701	0.330	0.290	13.8
55371	0.108	0.119	-9.2	57725	0.075	0.088	-14.8	59713	0.330	0.310	6.5
55597	1.680	1.790	-6.1	57726	0.023	0.021	9.5	59722	0.028	0.031	-9.7
55647	0.065	0.062	4.8	57810	0.100	0.107	-6.5	59723	0.034	0.037	-8.1
55715	0.203	0.224	-9.4	57871	0.111	0.118	-5.9	59724	0.015	0.019	-21.1
55716	0.490	0.520	-5.8	57913	0.260	0.290	-10.3	59725	0.145	0.116	25.0 U
55802	0.011	0.009	22.2 U	57998	0.054	0.058	-6.9	59726	0.023	0.024	-4.2
55918	2.260	2.740	-17.5	57999	0.070	0.071	-1.4	59738	0.059	0.064	-7.8
55919	3.420	3.650	-6.3	58095	1.790	1.990	-10.1	59750	0.181	0.222	-18.5
56040	0.030	0.033	-9.1	58096	1.490	1.230	21.1	59773	0.026	0.028	-7.1
56202	0.078	0.089	-12.4	58301	0.077	0.088	-12.5	59774	0.141	0.150	-6.0
56390	0.700	0.640	9.4	58302	0.051	0.055	-7.3	59775	0.178	0.188	-5.3

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STATE: 19 - MARYLAND

SUBLINE: PRODUCTS/COMPLETED OPERATIONS

LOSS COST % CHANGE BY CLASS

CLASS	PROPOSED OCCURR	PRESENT OCCURR	% CHG	CLASS	PROPOSED OCCURR	PRESENT OCCURR	% CHG	CLASS	PROPOSED OCCURR	PRESENT OCCURR	% CHG
59781	0.085	0.068	25.0 U	91341	3.640	3.280	11.0	96409	7.970	7.120	11.9
59782	0.560	0.460	21.7	91342	3.520	3.290	7.0	96410	8.050	7.360	9.4
59798	0.460	0.500	-8.0	91343	1.370	1.320	3.8	96611	1.300	1.330	-2.3
59886	0.100	0.108	-7.4	91436	2.110	2.020	4.5	97221	1.140	1.180	-3.4
59889	0.187	0.165	13.3	91507	2.720	2.680	1.5	97222	1.630	1.700	-4.1
59904	0.076	0.061	24.6 U	91551	0.640	0.610	4.9	97223	4.290	4.980	-13.9
59905	0.120	0.132	-9.1	91555	0.990	0.950	4.2	97447	5.620	4.820	16.6
59914	0.690	0.680	1.5	91560	3.420	3.260	4.9	97650	3.170	2.990	6.0
59915	0.660	0.750	-12.0	91577	3.010	2.630	14.4	97651	4.230	3.720	13.7
59917	0.232	0.205	13.2	91746	7.710	6.770	13.9	97652	4.750	3.600	31.9 U
59923	0.005	0.004	25.0 U	92053	0.720	0.660	9.1	97653	3.070	2.930	4.8
59925	1.190	1.190	0.0	92054	0.235	0.260	-9.6	97654	2.660	2.600	2.3
59926	0.460	0.450	2.2	92055	0.179	0.199	-10.1	97655	3.290	3.510	-6.3
59927	1.300	1.420	-8.5	92101	2.860	2.680	6.7	98002	0.850	0.840	1.2
59931	0.480	0.550	-12.7	92102	3.140	2.690	16.7	98152	0.860	0.690	24.6
59932	0.800	0.880	-9.1	92215	2.490	2.270	9.7	98157	0.270	0.320	-15.6
59947	0.300	0.320	-6.3	92338	1.460	1.310	11.5	98163	0.172	0.192	-10.4
59955	0.132	0.143	-7.7	92446	1.620	1.650	-1.8	98164	0.070	0.079	-11.4
59963	0.370	0.410	-9.8	92447	1.480	1.410	5.0	98303	5.230	5.750	-9.0
59964	0.066	0.069	-4.3	92451	1.960	1.800	8.9	98304	3.080	2.690	14.5
59970	0.169	0.183	-7.7	92478	1.530	1.480	3.4	98305	1.650	1.450	13.8
59975	0.190	0.227	-16.3	94007	4.440	4.070	9.1	98306	0.820	0.820	0.0
59984	0.049	0.053	-7.5	94276	3.980	3.990	-0.3	98307	0.460	0.500	-8.0
59988	0.055	0.059	-6.8	94381	11.100	8.980	23.6	98308	1.220	1.150	6.1
59989	0.041	0.044	-6.8	94404	4.600	3.750	22.7	98309	2.370	1.970	20.3
91111	4.960	4.810	3.1	94569	3.850	3.420	12.6	98344	0.640	0.650	-1.5
91125	1.480	1.700	-12.9	95124	1.210	0.920	31.5 U	98449	17.800	17.900	-0.6
91127	0.970	1.080	-10.2	95310	1.230	1.000	23.0	98482	6.760	5.880	15.0
91150	4.650	4.420	5.2	95410	2.260	2.220	1.8	98483	13.600	13.100	3.8
91155	29.900	27.100	10.3	95455	1.910	1.450	31.7 U	98502	3.620	3.290	10.0
91235	2.630	3.090	-14.9	95505	2.100	1.870	12.3	98636	2.780	2.700	3.0
91265	2.000	2.130	-6.1	95625	3.850	3.200	20.3	98659	0.420	0.470	-10.6
91266	1.010	0.890	13.5	95647	10.600	10.000	6.0	98677	10.800	10.100	6.9
91280	3.280	2.490	31.7 U	96053	3.760	3.610	4.2	98678	11.700	11.200	4.5
91340	6.540	6.540	0.0	96408	11.200	11.200	0.0	98805	1.380	1.180	16.9

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STATE: 19 - MARYLAND
 SUBLINE: PRODUCTS/COMPLETED OPERATIONS

LOSS COST % CHANGE BY CLASS

CLASS	PROPOSED OCCURR	PRESENT OCCURR	% CHG	CLASS	PROPOSED OCCURR	PRESENT OCCURR	% CHG	CLASS	PROPOSED OCCURR	PRESENT OCCURR	% CHG
98806	3.110	2.980	4.4								
98813	1.760	1.710	2.9								
98820	2.950	2.760	6.9								
98884	1.820	1.590	14.5								
98914	0.550	0.610	-9.8								
98949	0.260	0.290	-10.3								
98967	10.300	8.510	21.0								
98993	3.480	4.340	-19.8 L								
99003	1.430	1.490	-4.0								
99004	1.630	1.600	1.9								
99080	6.900	7.190	-4.0								
99163	0.370	0.410	-9.8								
99315	2.070	1.810	14.4								
99321	2.040	1.980	3.0								
99613	1.970	1.860	5.9								
99650	0.970	0.890	9.0								
99746	3.150	2.890	9.0								
99803	10.000	9.420	6.2								
99826	0.620	0.570	8.8								
99827	0.580	0.580	0.0								
99946	2.890	2.740	5.5								
99948	21.200	20.900	1.4								
99952	18.600	18.100	2.8								
99953	10.400	11.300	-8.0								
99954	8.090	9.390	-13.8								
99955	6.750	7.270	-7.2								
99969	4.170	3.160	32.0 U								

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SECTION B
EXPLANATORY MATERIAL
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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 Section C - Calculation of Indications.

STEP 2:
DISTRIBUTION OF
BASIC LIMIT LOSS
COST LEVEL
INDICATION

For Owners, Landlords and Tenants and for Manufacturers and Contractors, ISO then distributes the statewide basic limit loss cost indication to the individual types of policy, territories and class groups using a minimum bias iterative procedure (territory is used for Owners, Landlords and Tenants only).

For Products and for Local Products/Completed Operations, the multistate basic limit loss cost indication is distributed to the individual types of policy and class groups, and additionally to state for Local Products/Completed Operations. For Local Products/Completed Operations, a multistate loss cost level review and Baileys relative change analysis are performed, calculated assuming approval of all filed loss cost changes from the previous review (as opposed to reflecting only the approvals that have been received at the time of this review). Then, for states which did not approve the loss cost change from the previous review, an "off-level" factor is applied to the statewide indication from the multistate analysis. This off-level factor is equal to the selected, unapproved change from the previous review.

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 Section A - Explanation of Loss Cost Level Changes by Class for details of this procedure. The statewide loss cost level change has been multiplied by a 'build back' factor to ensure that the selected overall change by subline is achieved. This is required to offset the effect of capped loss costs as well as the effect of revised classification differentials (if any) on the overall change.

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

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

METHODOLOGY OVERVIEW
OVERVIEW OF ISO ACTUARIAL PROCEDURES - GENERAL LIABILITY

STEP 1 - DETERMINATION OF INDICATED LOSS COST LEVEL CHANGE

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

METHODOLOGY OVERVIEW
OVERVIEW OF ISO ACTUARIAL PROCEDURES - GENERAL LIABILITY

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

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 Sections E, F, and G for the support for these loss-related adjustments.

EXPERIENCE
RATIO

The experience ratio is the ratio of the incurred losses and loss adjustment expenses to the aggregate loss costs at current ISO loss cost level. It measures the adequacy of the current ISO loss costs for the prospective period.

EXPECTED
EXPERIENCE
RATIO

The expected experience ratio is our best prediction of the experience ratio if the most recent data were not available. For this review we have assumed that the current loss costs will be inadequate for the prospective period to the extent of the net trend. The net trend is calculated as the annual net trend factor projected for the number of years between the last review date and the assumed effective date of this document. The details for the calculation can be found in the footnotes at the bottom of the exhibits in Section C.

METHODOLOGY OVERVIEW
OVERVIEW OF ISO ACTUARIAL PROCEDURES - GENERAL LIABILITY

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

CREDIBILITY	For Premises/Operations, credibility is based upon the number of occurrences for all years in the experience period. Products/Completed Operations data is assumed to be fully credible. The procedure for assigning credibility is outlined in Credibility Standards in this section.
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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.
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METHODOLOGY OVERVIEW
OVERVIEW OF ISO ACTUARIAL PROCEDURES - GENERAL LIABILITY

STEP 2 - DISTRIBUTION OF BASIC LIMIT LOSS COST LEVEL INDICATION

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

METHODOLOGY OVERVIEW
OVERVIEW OF ISO ACTUARIAL PROCEDURES - GENERAL LIABILITY

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

PRODUCTS(Cont'd)

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

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

LOCAL PRODUCTS/
COMPLETED
OPERATIONS

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

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

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

EXPLANATORY NOTES TO DETERMINATION OF INDICATED
LOSS COST LEVEL CHANGE

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

The loss cost level indication is based upon a review of the latest three years of basic limit experience of companies reporting to Insurance Services Office, Inc. For Premises/Operations, data for accident years ending December 31, 2017, 2018 and 2019 are weighted 20%, 30% and 50% respectively. For Products/Completed Operations, multistate data for accident years ending December 31, 2017, 2018 and 2019 are weighted 20%, 30% and 50% respectively.

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

For detail on these adjustments see sections E, F, and G.

EXPLANATORY NOTES TO RELATIVE CHANGE ANALYSIS

OBJECTIVES

The objectives of this procedure are to:

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

EXPERIENCE BASE

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

SIMULTANEOUS DETERMINATION OF RATING VARIABLE RELATIVE CHANGES

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

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

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

RATING VARIABLES USED

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

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

EXPLANATORY NOTES TO RELATIVE CHANGE ANALYSIS

ITERATIVE PROCEDURE

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

For Owners, Landlords and Tenants:

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

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

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

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

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

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

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

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

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

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

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

n is the number of class groups in the analysis;

p is the number of territories in the analysis;

EXPLANATORY NOTES TO RELATIVE CHANGE ANALYSIS

ITERATIVE PROCEDURE (Cont'd)

For Manufacturers and Contractors, and Products:

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

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

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

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

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

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

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

and j^{th} class group;

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

n is the number of class groups in the analysis;

EXPLANATORY NOTES TO RELATIVE CHANGE ANALYSIS

ITERATIVE PROCEDURE (Cont'd)

For Local Products/Completed Operations:

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

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

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

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

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

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

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

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

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

n is the number of class groups in the analysis;

p is the number of states in the analysis;

EXPLANATORY NOTES TO RELATIVE CHANGE ANALYSIS

ITERATIVE PROCEDURE (Cont'd)

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

APPLICATION OF CREDIBILITY

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

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

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

5 year occurrence total for a given class group, territory or type of policy. For Local Products/Completed Operations, separate formulas are used to calculate the credibility of the experience for each type of policy and class group versus the credibility of the experience for each state, namely $Z = \sqrt{P/15,000}$ for type

of policy and class group, and $Z = \sqrt{P/5,500}$ for state (in this case, P is the 5 year occurrence total for a given state). Credibility-weighted relative changes are then calculated as follows:

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

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

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

W is the credibility-weighted relative change.

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

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.

MONOLINE INDICATIONS -- PREMISES/ OPERATIONS

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

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

Territory applies to Owners, Landlords and Tenants only.

MONOLINE INDICATIONS -- PRODUCTS

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

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

EXPLANATORY NOTES TO RELATIVE CHANGE ANALYSIS

MONOLINE INDICATIONS -- LOCAL PRODUCTS/ COMPLETED OPERATIONS

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

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

EXPLANATORY NOTES TO
IMPLICIT PACKAGE MODIFICATION FACTORS

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

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

EXPLANATION OF EXPOSURE DEVELOPMENT

IMPORTANCE OF APPLICATION

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

APPLICATION OF EXPOSURE DEVELOPMENT FACTORS

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

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

The immature experience reported as of 15 and 27 months for accident years ending 12/31/2019 and 12/31/2018 must be adjusted to an ultimate exposure development basis. This adjustment is accomplished through the use of an exposure development factor. Exposures are assumed to be mature at 39 months. Exposure development factors are based on experience evaluated as of March 31, 2020 for Premises/ Operations and March 31, 2020 for Products/Completed Operations.

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

EXPLANATION OF EXPOSURE DEVELOPMENT

APPLICATION OF EXPOSURE DEVELOPMENT FACTORS (Cont'd)

Section E - Calculation of Exposure Development Factors displays the calculation of the credibility-weighted exposure development factors for Premises/Operations. State and multistate data are used in the calculation. Products exposure development is based on multistate data, as shown in Section F - Multistate Exposure Development. Section G - Calculation of Exposure Development Factors displays the calculation of the credibility-weighted exposure development factors for Local Products/Completed Operations. State and multistate data are used in the calculation.

EXPLANATION OF LOSS DEVELOPMENT

IMPORTANCE OF APPLICATION

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

APPLICATION OF LOSS DEVELOPMENT FACTORS

The incurred losses and allocated loss adjustment expenses underlying the Premises/Operations statewide loss cost level indications were evaluated as of March 31, 2020. Products/Completed Operations data is evaluated as of March 31, 2020.

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

The immature experience reported as of 15, 27 and 39 months for accident years ending 12/31/2019, 12/31/2018 and 12/31/2017 must be adjusted to an ultimate settlement basis. This adjustment is accomplished through the use of a loss development factor.

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

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

EXPLANATION OF LOSS DEVELOPMENT

APPLICATION OF LOSS DEVELOPMENT FACTORS (Cont'd)

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

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

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

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

Section E - Loss Development Data displays the calculation of the credibility-weighted loss development factors for Premises/Operations. State and multistate data are used.

The multistate Products loss development data is displayed in Section F - Loss Development Data.

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

EXPLANATION OF ALLOCATED LOSS ADJUSTMENT EXPENSE (ALAE) DEVELOPMENT

OBJECTIVE

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

Traditional development procedures customarily used for losses apply a loss development factor to reported losses at various evaluation points. For example, a '15-month to ultimate' factor would be applied to the losses for accident year ended December 31, 2019 evaluated as of March 31, 2020. If an analogous procedure is used for ALAE, the variability of the experience can lead to unusually high (or low) estimates of ultimate ALAE.

INCREMENTAL ALAE PERCENTAGES

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

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

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

EXPLANATION OF ALLOCATED LOSS ADJUSTMENT EXPENSE (ALAE) DEVELOPMENT

DESCRIPTION OF METHODOLOGY

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

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

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

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

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 Section E - Loss Development.

EXPLANATION OF ALLOCATED LOSS ADJUSTMENT EXPENSE (ALAE) DEVELOPMENT

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

EXPLANATION OF MODIFIED BONDY METHOD

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

Accident Year	171 to 183 Months	183 to 195 Months	195 to 207 Months	207 to 219 Months	219 to 231 Months	231 to 243 Months	243 Months To Ultimate
2000	A	G	L	P	S	U	Z*
2001	B	H	M	Q	T	Y*	
2002	C	I	N	R	X*	Y*	
2003	D	J	O	W*	X*	Y*	
2004	E	K	V*	W*	X*	Y*	
2005	F						
Best 3 out of 5#	BTOF1	BTOF2	BTOF3	BTOF4	BTOF5	BTOF6	

* Calculated using the Modified Bondy Procedure.

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

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

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

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

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

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

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

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

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

UNALLOCATED LOSS ADJUSTMENT FACTOR METHODOLOGY

BACKGROUND	Allocated loss adjustment expense is reported on a unit transaction basis with the loss records and is thus included with indemnity loss data. Since the prospective loss costs include all loss adjustment expenses, we must load for unallocated loss adjustment expense.
IMPORTANCE OF APPLICATION	The unallocated loss adjustment expense factor is necessary to account for loss adjustment expenses which cannot be allocated to a particular claim.
METHODOLOGY FOR LIABILITY COVERAGES	<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 Sections E, F, and G). 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>

EXPLANATION OF TREND CALCULATION

EXPOSURE TREND

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

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

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

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

SEVERITY TREND

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

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

SEVERITY
TREND
(Cont'd)

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

FREQUENCY
TREND

The historical occurrence frequency data are displayed in the Trend Data exhibits in Sections E, F, and G. For Premises/Operations, these pages display the frequency data for CGL only for accident years ending 12/31/2006 - 12/31/2019. For Products/Completed Operations, these pages display the frequency data for CGL only for accident years ending 12/31/2006 - 12/31/2019. The Premises/Operations experience includes occurrences arising from fringe coverages. In this review, multistate number of occurrences contained in the frequency trend exhibits are based on paid amounts developed to ultimate using paid development factors.

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

CREDIBILITY STANDARDS

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

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

The rule for Owners, Landlords and Tenants is:

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

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

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

For Manufacturers and Contractors:

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

For Owners, Landlords and Tenants:

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

For Products:

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

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

CREDIBILITY STANDARDS

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

SECTION C
CALCULATION OF INDICATIONS
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Determination of Indicated Loss Cost Level Change:

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

(1)	(2)	(3)	(4)	(5)	(6)
ACCIDENT YEAR ENDING	AGGREGATE LOSS COSTS AT CURRENT LEVEL (A)	\$100,000 BASIC LIMIT INCURRED LOSSES (B)	YEAR WEIGHTS	EXPERIENCE RATIO	NUMBER OF INCURRED OCCURRENCES
12/31/2017	\$17,908,824	\$19,173,422	0.20	1.071	823
12/31/2018	18,385,287	19,550,754	0.30	1.063	810
12/31/2019	19,029,789	15,270,735	0.50	0.802	743

(7)	WEIGHTED EXPERIENCE RATIO	0.934
(8)	EXPECTED EXPERIENCE RATIO (SEE FOOTNOTE C)	1.039
(9)	CREDIBILITY BASED ON LATEST THREE YEARS NUMBER OF INCURRED OCCURRENCES (SEE SECTION B - CREDIBILITY STANDARDS)	0.60
(10)	CREDIBILITY-WEIGHTED EXPERIENCE RATIO { (7) X (9) } + { (8) X {1.0 - (9)} }	0.976
(11)	INDICATED MONOLINE-MULTILINE LOSS COST LEVEL CHANGE { (10) - 1 } X 100%	- 2.4 %
(12)	STATEWIDE INDICATED MONOLINE CHANGE (SEE SECTION D - BASIC LIMIT RELATIVE CHANGE ANALYSIS)	- 8.0 %
(13)	STATEWIDE SELECTED MONOLINE CHANGE	- 5.0 %

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

(B) INCLUDING ALL LOSS ADJUSTMENT EXPENSES AND DEVELOPED TO AN ULTIMATE BASIS. IN ADDITION, ACCIDENT YEAR LOSSES HAVE BEEN TRENDED FROM THE AVERAGE DATE OF COVERAGE TO ONE YEAR BEYOND AN ASSUMED EFFECTIVE DATE OF 08/01/2021. FOR DETAILS, SEE SECTION E - CALCULATION OF INCURRED LOSSES.

(C) THE EXPECTED EXPERIENCE RATIO IS THE NET TREND (1.039). THE NET TREND IS THE ANNUAL NET TREND FACTOR (1.039) TO AN EXPONENT (1.000), THE PERIOD FROM ONE YEAR BEYOND THE LAST REVIEW OR EFFECTIVE DATE (08/01/2021) TO ONE YEAR BEYOND THE ASSUMED EFFECTIVE DATE (08/01/2022).

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

(1)	(2)	(3)	(4)	(5)	(6)
ACCIDENT YEAR ENDING	AGGREGATE LOSS COSTS AT CURRENT LEVEL (A)	\$100,000 BASIC LIMIT INCURRED LOSSES (B)	YEAR WEIGHTS	EXPERIENCE RATIO	NUMBER OF INCURRED OCCURRENCES
12/31/2017	\$22,921,221	\$22,186,475	0.20	0.968	991
12/31/2018	22,618,604	23,455,221	0.30	1.037	1,056
12/31/2019	22,238,948	19,916,812	0.50	0.896	1,004

(7)	WEIGHTED EXPERIENCE RATIO	0.953
(8)	EXPECTED EXPERIENCE RATIO (SEE FOOTNOTE C)	1.037
(9)	CREDIBILITY BASED ON LATEST THREE YEARS NUMBER OF INCURRED OCCURRENCES (SEE SECTION B - CREDIBILITY STANDARDS)	0.71
(10)	CREDIBILITY-WEIGHTED EXPERIENCE RATIO { (7) X (9) } + { (8) X {1.0 - (9)} }	0.977
(11)	INDICATED MONOLINE-MULTILINE LOSS COST LEVEL CHANGE { (10) - 1 } X 100%	- 2.3 %
(12)	STATEWIDE INDICATED MONOLINE CHANGE (SEE SECTION D - BASIC LIMIT RELATIVE CHANGE ANALYSIS)	- 1.2 %
(13)	STATEWIDE SELECTED MONOLINE CHANGE	- 1.2 %
(14)	STATEWIDE ADJUSTED MONOLINE CHANGE@	- 1.9 %

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

(B) INCLUDING ALL LOSS ADJUSTMENT EXPENSES AND DEVELOPED TO AN ULTIMATE BASIS. IN ADDITION, ACCIDENT YEAR LOSSES HAVE BEEN TRENDED FROM THE AVERAGE DATE OF COVERAGE TO ONE YEAR BEYOND AN ASSUMED EFFECTIVE DATE OF 08/01/2021. FOR DETAILS, SEE SECTION E - CALCULATION OF INCURRED LOSSES.

(C) THE EXPECTED EXPERIENCE RATIO IS THE NET TREND (1.037). THE NET TREND IS THE ANNUAL NET TREND FACTOR (1.037) TO AN EXPONENT (1.000), THE PERIOD FROM ONE YEAR BEYOND THE LAST REVIEW OR EFFECTIVE DATE (08/01/2021) TO ONE YEAR BEYOND THE ASSUMED EFFECTIVE DATE (08/01/2022).

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

MARYLAND
PRODUCTS
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 LIMITS INCURRED LOSSES (B)	YEAR WEIGHTS	EXPERIENCE RATIO	NUMBER OF INCURRED OCCURRENCES
12/31/2017	\$116,442,960	\$122,766,765	0.20	1.054	2,085
12/31/2018	114,595,571	112,493,565	0.30	0.982	1,864
12/31/2019	118,873,835	108,853,141	0.50	0.916	1,881
(7)	WEIGHTED EXPERIENCE RATIO				0.963
(8)	INDICATED MULTISTATE MONOLINE-MULTILINE LOSS COST LEVEL CHANGE { (7)-1.00 }X 100%				- 3.7 %
(9)	INDICATED MULTISTATE MONOLINE CHANGE (SEE SECTION D - BASIC LIMIT RELATIVE CHANGE ANALYSIS)				- 6.1 %
(10)	INDICATED STATEWIDE MONOLINE CHANGE (SEE FOOTNOTE C)				- 5.1 %
(11)	SELECTED STATEWIDE MONOLINE CHANGE				- 5.1 %

- (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 F - CALCULATION OF AGGREGATE LOSS COSTS AT CURRENT LEVEL.
- (B) INCLUDING ALL LOSS ADJUSTMENT EXPENSES AND DEVELOPED TO AN ULTIMATE BASIS. IN ADDITION, ACCIDENT YEAR LOSSES HAVE BEEN TRENDED FROM THE AVERAGE DATE OF COVERAGE TO ONE YEAR BEYOND AN ASSUMED EFFECTIVE DATE OF 07/01/2021.
- (C) THE INDICATED STATEWIDE PRODUCTS CHANGE IS CALCULATED BY DETERMINING THE EFFECT, ON STATEWIDE LOSS COST LEVELS, OF IMPLEMENTING THE INDICATED MULTISTATE LOSS COSTS. THE DIFFERENCE BETWEEN THE INDICATED MULTISTATE CHANGE AND THE INDICATED STATEWIDE CHANGE IS A RESULT OF A DIFFERENCE IN THE DISTRIBUTION OF RISKS BY CLASS IN THIS JURISDICTION VERSUS THE MULTISTATE. (SEE SECTION A - PRODUCTS CLASS GROUP LOSS COST LEVEL CHANGE) .

MARYLAND
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	NUMBER OF INCURRED OCCURRENCES
12/31/2017	\$343,117,584	\$355,978,064	0.20	1.037	6,339
12/31/2018	347,173,733	367,885,430	0.30	1.060	6,253
12/31/2019	352,822,245	393,194,740	0.50	1.114	6,100
(7)	WEIGHTED EXPERIENCE RATIO.....				1.082
(8)	INDICATED MULTISTATE MONOLINE-MULTILINE LOSS COST LEVEL CHANGE { (7) - 1.00 } x 100%.....				+ 8.2 %
(9)	INDICATED MULTISTATE MONOLINE CHANGE (SEE SECTION D - BASIC LIMIT RELATIVE CHANGE ANALYSIS).....				+ 9.3 %
(10)	INDICATED STATEWIDE MONOLINE CHANGE (C) (SEE SECTION D - BASIC LIMIT RELATIVE CHANGE ANALYSIS).....				+ 6.5 %
(11)	SELECTED STATEWIDE MONOLINE CHANGE.....				+ 6.5 %
(A)	THESE ARE CALCULATED BY SUMMING OVER THE STATES THE PRODUCTS OF STATE- REPORTED EXPOSURES, EXPOSURE TREND AND DEVELOPMENT, AND STATE \$100,000 BASIC LIMIT LOSS COSTS AT CURRENT ISO LEVEL. FOR DETAILS, SEE SECTION G - CALCULATION OF AGGREGATE LOSS COSTS AT CURRENT LEVEL.				
(B)	INCLUDING ALL LOSS ADJUSTMENT EXPENSE AND DEVELOPED TO AN ULTIMATE BASIS. IN ADDITION, ACCIDENT YEAR LOSSES HAVE BEEN TRENDED FROM THE AVERAGE DATE OF COVERAGE TO ONE YEAR BEYOND AN ASSUMED EFFECTIVE DATE OF 07/01/2021.				
(C)	THE INDICATED STATEWIDE MONOLINE CHANGE IS CALCULATED BASED ON THE INDICATED MULTISTATE MONOLINE CHANGE.				

SECTION D

RELATIVE CHANGE ANALYSIS

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Owners, Landlords and Tenants

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MARYLAND
MANUFACTURERS AND CONTRACTORS
BASIC LIMIT RELATIVE CHANGE ANALYSIS

	(1) BAILEY FORMULA RELATIV.	(2) CREDIBILITY Z	(3) Z-WTD RELATIV.	(4) BALANCED RELATIV.	STATEWIDE COVERAGE IND. OF 0.976 OR - 2.4%			
TOP								
10	0.830	0.286	0.948	0.943				
33	0.850	0.038	0.994	0.989				
34	0.893	0.083	0.991	0.985				
35	0.000	0.000	1.000	0.995				
36	1.101	0.139	1.013	1.008				
37	0.720	0.071	0.977	0.972				
38	1.196	0.341	1.063	1.057				
					(5) INDICATED MONOLINE CHANGE		(6) SELECTED MONOLINE CHANGE	
CLASS GROUP								
30	1.000	0.166	1.000	1.001	- 7.9%	-	4.9%	
31	0.971	0.242	0.993	0.993	- 8.5%	-	5.5%	
32	1.006	0.306	1.002	1.002	- 7.7%	-	4.7%	
33	1.015	0.141	1.002	1.003	- 7.7%	-	4.7%	
34	0.897	0.113	0.988	0.988	- 9.0%	-	6.0%	
35	2.635	0.034	1.033	1.034	- 4.8%	-	1.7%	
36	0.510	0.042	0.972	0.973	- 10.5%	-	7.6%	
37	1.367	0.034	1.011	1.011	- 6.9%	-	3.9%	
38	1.066	0.119	1.008	1.008	- 7.2%	-	4.2%	
					OVERALL MONOLINE INDICATION	- 8.0%	- 5.0%	

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

MARYLAND
MANUFACTURERS AND CONTRACTORS
BASIC LIMIT RELATIVE CHANGE ANALYSIS

SUMMARY OF EXPERIENCE USED IN RELATIVE CHANGE ANALYSIS

TYPE OF POLICY	CLASS GROUP	(1) CALENDAR A.Y.E. 12/31/2019 AGGREGATE LOSS COSTS AT CURRENT LEVEL	(2) CALENDAR A.Y.E. 2015 - 2019 AGG LOSS COST CURRENT LEVEL	(3) FIVE YEAR EXPERIENCE RATIO	(4) RELATIV.	(5) NUMBER OF OCCURRENCES	(6) BAL CELL RELATIV.
10 MONOLINE	30 SERVICE	\$1,698,023	\$4,643,419	0.702	0.672	121	0.944
	31 LIGHT CONTRACTING	638,251	3,382,910	1.271	1.218	359	0.937
	32 MEDIUM CONTRCTING	4,003,876	18,924,864	0.877	0.840	800	0.945
	33 HEAVY CONTRACTING	704,963	3,538,071	0.900	0.862	79	0.946
	34 DEALER OR DISTRIB	221,903	860,093	0.577	0.553	27	0.932
	35 LGT. MANUFACTURER	39,993	100,780	0.419	0.402	3	0.975
	36 MED. MANUFACTURER	88,402	397,536	0.680	0.651	4	0.917
	37 HVY. MANUFACTURER	113,159	565,519	0.870	0.833	3	0.954
	38 MISC. OPERATION	289,130	1,295,542	1.282	1.228	84	0.951
	TOTAL *	\$7,797,700	\$33,708,734	0.875		1,480	
33 MULT OFFICE	31 LIGHT CONTRACTING	\$4,651	\$28,011	0.127	0.122	1	0.982
	32 MEDIUM CONTRCTING	5,686	25,697	0.000	0.000	0	0.991
	33 HEAVY CONTRACTING	45,928	238,381	0.625	0.599	8	0.991
	38 MISC. OPERATION	222,556	731,976	1.041	0.997	18	0.997
	TOTAL *	\$278,821	\$1,024,065	0.936		27	
34 MULT MERCANTILE	30 SERVICE	\$61,727	\$305,912	1.018	0.975	8	0.986
	32 MEDIUM CONTRCTING	68,640	307,859	1.552	1.487	13	0.988
	34 DEALER OR DISTRIB	350,127	1,743,004	0.753	0.721	78	0.974
	38 MISC. OPERATION	56,901	279,875	0.668	0.640	27	0.993
	TOTAL *	\$537,395	\$2,636,650	0.876		126	
35 MULT INSTITUT.	31 LIGHT CONTRACTING	\$1,956	\$6,073	0.000	0.000	0	0.988
	32 MEDIUM CONTRCTING	3,889	34,547	0.000	0.000	0	0.997
	TOTAL *	\$5,845	\$40,620	0.000		0	
36 MULT SERVICES	30 SERVICE	\$46,203	\$264,451	2.654	2.543	52	1.009
	31 LIGHT CONTRACTING	85,601	760,413	0.409	0.392	36	1.002
	32 MEDIUM CONTRCTING	72,540	472,980	0.443	0.425	11	1.010
	33 HEAVY CONTRACTING	21,177	77,710	0.552	0.529	3	1.011
	34 DEALER OR DISTRIB	474,726	2,077,243	1.133	1.085	126	0.996
	36 MED. MANUFACTURER	5,239	13,305	2.898	2.777	1	0.981
	38 MISC. OPERATION	373,923	2,015,634	1.211	1.160	121	1.016
	TOTAL *	\$1,079,409	\$5,681,736	1.118		350	

MARYLAND
MANUFACTURERS AND CONTRACTORS
BASIC LIMIT RELATIVE CHANGE ANALYSIS

SUMMARY OF EXPERIENCE USED IN RELATIVE CHANGE ANALYSIS

TYPE OF POLICY	CLASS GROUP	(1) CALENDAR A.Y.E. 12/31/2019 AGGREGATE LOSS COSTS AT CURRENT LEVEL	(2) CALENDAR A.Y.E. 2015 - 2019 AGG LOSS COST CURRENT LEVEL	(3) FIVE YEAR EXPERIENCE RATIO	(4) RELATIV.	(5) NUMBER OF OCCURRENCES	(6) BAL CELL RELATIV.
37 MULT INDUST/PROC.	31 LIGHT CONTRACTING	\$868	\$3,458	0.000	0.000	0	0.965
	32 MEDIUM CONTRCTING	181,801	849,764	0.399	0.382	24	0.974
	33 HEAVY CONTRACTING	14,044	61,249	0.000	0.000	0	0.974
	34 DEALER OR DISTRIB	21,581	84,942	1.815	1.739	1	0.960
	35 LGT. MANUFACTURER	69,188	352,365	3.057	2.929	19	1.005
	36 MED. MANUFACTURER	489,518	2,555,785	0.315	0.302	28	0.945
	37 HVY. MANUFACTURER	264,743	1,114,199	1.162	1.113	19	0.983
	38 MISC. OPERATION	38,775	252,807	0.148	0.141	1	0.980
	TOTAL *	\$1,080,518	\$5,274,569	0.732		92	
38 MULT CONTRACTORS	30 SERVICE	\$1,043,932	\$5,328,811	1.446	1.385	319	1.058
	31 LIGHT CONTRACTING	1,614,235	7,977,580	1.083	1.037	661	1.051
	32 MEDIUM CONTRCTING	4,190,657	19,662,683	1.270	1.217	840	1.060
	33 HEAVY CONTRACTING	1,367,210	6,583,223	1.283	1.229	270	1.060
	38 MISC. OPERATION	64,574	608,473	0.159	0.152	6	1.066
	TOTAL *	\$8,280,608	\$40,160,770	1.249		2,096	
TOTAL ALL TOP	30 SERVICE	\$2,849,885	\$10,542,593	1.013		500	
	31 LIGHT CONTRACTING	2,345,562	12,158,445	1.106		1,057	
	32 MEDIUM CONTRCTING	8,527,089	40,278,394	1.061		1,688	
	33 HEAVY CONTRACTING	2,153,322	10,498,634	1.128		360	
	34 DEALER OR DISTRIB	1,068,337	4,765,282	0.907		232	
	35 LGT. MANUFACTURER	109,181	453,145	2.091		22	
	36 MED. MANUFACTURER	583,159	2,966,626	0.394		33	
	37 HVY. MANUFACTURER	377,902	1,679,718	1.074		22	
	38 MISC. OPERATION	1,045,859	5,184,307	1.060		257	
	TOTAL *	\$19,060,296	\$88,527,144	1.044		4,171	

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

MARYLAND
OWNERS, LANDLORDS AND TENANTS
BASIC LIMIT RELATIVE CHANGE ANALYSIS

	(1) BAILEY FORMULA RELATIV.	(2) CREDIBILITY Z	(3) Z-WTD RELATIV.	(4) BALANCED RELATIV.	STATEWIDE COVERAGE IND. OF 0.977 OR - 2.3%			
TOP								
10	1.035	0.288	1.010	1.011				
31	0.745	0.147	0.958	0.959				
32	1.646	0.229	1.121	1.123				
33	1.026	0.180	1.005	1.006				
34	0.755	0.243	0.934	0.936				
35	0.721	0.138	0.956	0.957				
36	0.611	0.146	0.931	0.932				
					(5) INDICATED MONOLINE CHANGE		(6) SELECTED MONOLINE CHANGE	
CLASS GROUP								
01	0.920	0.115	0.990	0.993	- 1.6%		- 1.6%	
02	1.043	0.184	1.008	1.011	- 0.3%		- 0.3%	
03	0.718	0.098	0.968	0.971	- 4.2%		- 4.2%	
04	1.528	0.035	1.015	1.018	+ 0.4%		+ 0.4%	
05	0.854	0.045	0.993	0.996	- 1.8%		- 1.8%	
06	1.087	0.071	1.006	1.009	- 0.4%		- 0.4%	
07	1.346	0.113	1.034	1.037	+ 2.4%		+ 2.4%	
08	1.472	0.051	1.020	1.023	+ 1.2%		+ 1.2%	
09	1.156	0.208	1.031	1.034	+ 2.2%		+ 2.2%	
10	1.149	0.130	1.018	1.021	+ 1.3%		+ 1.3%	
11	0.895	0.237	0.974	0.977	- 3.4%		- 3.4%	
12	0.955	0.286	0.987	0.990	- 2.0%		- 2.0%	
13	2.135	0.081	1.063	1.066	+ 5.3%		+ 5.3%	
16	0.801	0.049	0.989	0.992	- 2.8%		- 2.8%	
					OVERALL MONOLINE INDICATION - 1.2%		- 1.2%	

* Monoline/multiline ALCCCL for the latest year was used to weight the indicated monoline change by class group.
* Individual large ALAE incident(s) have been capped in order to limit the impact on the corresponding relative change factors.

MARYLAND
OWNERS, LANDLORDS AND TENANTS
BASIC LIMIT RELATIVE CHANGE ANALYSIS

	(1)	(2)	(3)	(4)	(5)	(6)
	BAILEY					
TERRITORY	FORMULA	CREDIBILITY	Z-WTD	BALANCED	INDICATED	SELECTED
	RELATIV.	Z	RELATIV.	RELATIV.	MONOLINE CHG.	MONOLINE CHG.
501	0.975	0.376	0.991	0.992	- 1.9%	- 1.9%
502	0.994	0.225	0.999	1.000	- 1.6%	- 1.6%
503	1.045	0.311	1.014	1.015	+ 0.2%	+ 0.2%

* Monoline/multiline ALCCL for the latest year was used to weight the indicated monoline change by class group.
* Individual large ALAE incident(s) have been capped in order to limit the impact on the corresponding relative change factors.

MARYLAND
OWNERS, LANDLORDS AND TENANTS
BASIC LIMIT RELATIVE CHANGE ANALYSIS

SUMMARY OF EXPERIENCE USED IN RELATIVE CHANGE ANALYSIS

TERRITORY 501

TYPE OF POLICY	CLASS GROUP	(1) CALENDAR A.Y.E. 12/31/2019 AGGREGATE LOSS COSTS AT CURRENT LEVEL	(2) CALENDAR A.Y.E. 2015 - 2019 AGG LOSS COST CURRENT LEVEL	(3) FIVE YEAR EXPERIENCE RATIO	(4) RELATIV.	(5) NUMBER OF OCCURRENCES	(6) BAL CELL RELATIV.
10 MONOLINE	01 FOOD&BEV. (RETAIL)	\$57,355	\$340,690	1.418	1.456	26	0.996
	02 RESTAURANTS	233,633	1,264,740	0.429	0.440	57	1.014
	03 STORES	81,031	416,977	0.685	0.703	19	0.974
	04 VENDING & RENTAL	12,555	107,415	1.927	1.978	4	1.021
	05 FOOD & BEV. DIST.	23,619	137,934	2.396	2.459	9	0.999
	06 NON-FOOD&BEV.DIST	42,996	261,171	1.428	1.465	26	1.012
	07 CLUBS, AMSMT&SPRTS	167,640	803,884	1.065	1.093	48	1.040
	08 HEALTH CARE FACIL	6,500	32,765	0.624	0.640	2	1.026
	09 HOTELS AND MOTELS	486,838	3,255,147	1.714	1.759	260	1.037
	10 SCHLS & CHURCHES	87,940	419,670	1.458	1.496	28	1.024
	11 APARTMENTS	672,249	2,609,579	0.466	0.478	49	0.980
	12 BUILDINGS&OFFICES	849,851	4,509,673	1.027	1.054	226	0.993
	13 MISC. PREMISES	36,750	352,660	1.712	1.757	29	1.070
	TOTAL *	\$2,758,957	\$14,512,305	1.005		783	
31 MULT MOTEL/HOTEL	09 HOTELS AND MOTELS	\$751,897	\$3,457,735	0.858	0.881	215	0.983
	TOTAL *	\$751,897	\$3,457,735	0.858		215	
32 MULT APARTMENT	11 APARTMENTS	\$1,164,869	\$5,239,662	1.333	1.368	252	1.088
	12 BUILDINGS&OFFICES	177,404	666,040	0.874	0.897	26	1.102
	TOTAL *	\$1,342,273	\$5,905,702	1.273		278	
33 MULT OFFICE	12 BUILDINGS&OFFICES	\$1,280,476	\$5,926,164	1.007	1.034	299	0.988
	13 MISC. PREMISES	9,631	46,928	4.036	4.142	2	1.064
	TOTAL *	\$1,290,107	\$5,973,092	1.030		301	
34 MULT MERCANTILE	01 FOOD&BEV. (RETAIL)	\$293,880	\$1,692,090	1.082	1.111	83	0.922
	02 RESTAURANTS	1,131,910	5,682,799	0.755	0.775	281	0.938
	03 STORES	469,054	2,238,193	0.275	0.283	51	0.901
	04 VENDING & RENTAL	5,936	37,128	1.891	1.941	1	0.944
	05 FOOD & BEV. DIST.	112,988	661,089	0.490	0.503	17	0.924
	06 NON-FOOD&BEV.DIST	175,619	1,028,877	0.541	0.555	33	0.936
	12 BUILDINGS&OFFICES	382,493	2,190,197	0.829	0.851	121	0.918
	13 MISC. PREMISES	27	39	0.000	0.000	0	0.989
	TOTAL *	\$2,571,907	\$13,530,412	0.692		587	

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SUMMARY OF EXPERIENCE USED IN RELATIVE CHANGE ANALYSIS

TERRITORY	501		(1) CALENDAR A.Y.E. 12/31/2019 AGGREGATE LOSS COSTS AT CURRENT LEVEL	(2) CALENDAR A.Y.E. 2015 - 2019 AGG LOSS COST CURRENT LEVEL	(3) FIVE YEAR EXPERIENCE RATIO	(4) RELATIV.	(5) NUMBER OF OCCURRENCES	(6) BAL CELL RELATIV.
TYPE OF POLICY	CLASS GROUP							
35 MULT INSTITUT.	07 CLUBS, AMSMT&SPRTS		\$1,866	\$62,007	1.509	1.549	3	0.985
	08 HEALTH CARE FACIL		143,330	841,049	1.037	1.064	19	0.971
	10 SCHLS & CHURCHES		419,604	2,245,676	0.931	0.955	130	0.969
	12 BUILDINGS&OFFICES		4,087	21,452	0.153	0.157	1	0.940
	13 MISC. PREMISES		13,255	79,274	0.093	0.095	3	1.013
	16 GOVT SUBDIVISIONS		164,329	1,442,942	0.549	0.564	44	0.942
	TOTAL *		\$746,471	\$4,692,400	0.849		200	
36 MULT SERVICES	03 STORES		\$71,265	\$353,710	0.589	0.605	10	0.897
	04 VENDING & RENTAL		65,242	262,600	0.660	0.677	13	0.941
	07 CLUBS, AMSMT&SPRTS		327,800	1,688,683	0.694	0.712	77	0.959
	08 HEALTH CARE FACIL		860	3,316	2.727	2.799	1	0.945
	09 HOTELS AND MOTELS		24,556	120,183	0.068	0.070	1	0.955
	10 SCHLS & CHURCHES		10,842	53,092	0.000	0.000	0	0.944
	12 BUILDINGS&OFFICES		144,775	698,620	0.865	0.888	52	0.915
	13 MISC. PREMISES		68,431	295,373	1.154	1.185	31	0.986
	TOTAL *		\$713,771	\$3,475,577	0.730		185	
TOTAL ALL TOP	01 FOOD&BEV. (RETAIL)		\$351,235	\$2,032,780	1.137		109	
	02 RESTAURANTS		1,365,543	6,947,539	0.699		338	
	03 STORES		621,350	3,008,880	0.365		80	
	04 VENDING & RENTAL		83,733	407,143	0.937		18	
	05 FOOD & BEV. DIST.		136,607	799,023	0.820		26	
	06 NON-FOOD&BEV.DIST		218,615	1,290,048	0.715		59	
	07 CLUBS, AMSMT&SPRTS		497,306	2,554,574	0.822		128	
	08 HEALTH CARE FACIL		150,690	877,130	1.029		22	
	09 HOTELS AND MOTELS		1,263,291	6,833,065	1.173		476	
	10 SCHLS & CHURCHES		518,386	2,718,438	1.001		158	
	11 APARTMENTS		1,837,118	7,849,241	1.016		301	
	12 BUILDINGS&OFFICES		2,839,086	14,012,146	0.972		725	
	13 MISC. PREMISES		128,094	774,274	1.421		65	
	16 GOVT SUBDIVISIONS		164,329	1,442,942	0.549		44	
	TOTAL *		\$10,175,383	\$51,547,223	0.923		2,549	

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

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SUMMARY OF EXPERIENCE USED IN RELATIVE CHANGE ANALYSIS

TERRITORY 502

TYPE OF POLICY	CLASS GROUP	(1) CALENDAR A.Y.E. 12/31/2019 AGGREGATE LOSS COSTS AT CURRENT LEVEL	(2) CALENDAR A.Y.E. 2015 - 2019 AGG LOSS COST CURRENT LEVEL	(3) FIVE YEAR EXPERIENCE RATIO	(4) RELATIV.	(5) NUMBER OF OCCURRENCES	(6) BAL CELL RELATIV.
10 MONOLINE	01 FOOD&BEV. (RETAIL)	\$4,636	\$73,246	0.088	0.090	1	1.004
	02 RESTAURANTS	82,345	372,061	0.252	0.259	20	1.022
	03 STORES	19,058	151,176	0.894	0.917	11	0.982
	04 VENDING & RENTAL	615	5,124	41.424	42.515	1	1.029
	05 FOOD & BEV. DIST.	40,015	156,175	0.000	0.000	0	1.007
	06 NON-FOOD&BEV.DIST	4,535	42,666	1.066	1.095	5	1.020
	07 CLUBS, AMSMT&SPRTS	112,930	559,675	1.172	1.203	15	1.049
	08 HEALTH CARE FACIL	1,486	14,429	0.263	0.270	1	1.034
	09 HOTELS AND MOTELS	146,969	641,656	0.579	0.595	26	1.045
	10 SCHLS & CHURCHES	46,131	240,732	1.707	1.752	8	1.032
	11 APARTMENTS	467,383	2,092,480	0.879	0.902	57	0.988
	12 BUILDINGS&OFFICES	642,735	2,949,472	0.814	0.836	114	1.001
	13 MISC. PREMISES	15,207	178,187	1.228	1.260	6	1.078
	TOTAL *	\$1,584,045	\$7,477,079	0.832		265	
31 MULT MOTEL/HOTEL	09 HOTELS AND MOTELS	\$293,145	\$1,224,408	1.171	1.202	62	0.991
	TOTAL *	\$293,145	\$1,224,408	1.171		62	
32 MULT APARTMENT	11 APARTMENTS	\$1,228,537	\$5,851,643	1.555	1.596	254	1.096
	12 BUILDINGS&OFFICES	140,185	730,470	1.319	1.354	34	1.111
	TOTAL *	\$1,368,722	\$6,582,113	1.530		288	
33 MULT OFFICE	12 BUILDINGS&OFFICES	\$494,350	\$2,487,480	0.668	0.686	74	0.996
	13 MISC. PREMISES	1,097	6,506	10.897	11.184	1	1.073
	TOTAL *	\$495,447	\$2,493,986	0.691		75	
34 MULT MERCANTILE	01 FOOD&BEV. (RETAIL)	\$198,563	\$998,205	0.544	0.559	36	0.929
	02 RESTAURANTS	286,600	1,578,942	0.865	0.888	78	0.945
	03 STORES	96,756	455,619	1.211	1.243	16	0.908
	04 VENDING & RENTAL	369	1,886	0.000	0.000	0	0.952
	05 FOOD & BEV. DIST.	56,162	244,051	0.535	0.549	1	0.931
	06 NON-FOOD&BEV.DIST	40,637	248,692	0.081	0.083	5	0.943
	12 BUILDINGS&OFFICES	82,158	546,124	0.132	0.135	8	0.926
	TOTAL *	\$761,245	\$4,073,519	0.679		144	

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TERRITORY 502

		(1)	(2)	(3)	(4)	(5)	(6)
		CALENDAR A.Y.E. 12/31/2019 AGGREGATE	CALENDAR A.Y.E. 2015 - 2019	FIVE YEAR EXPERIENCE		NUMBER OF	BAL CELL
TYPE OF POLICY	CLASS GROUP	LOSS COSTS AT CURRENT LEVEL	AGG LOSS COST CURRENT LEVEL	RATIO	RELATIV.	OCCURRENCES	RELATIV.
35 MULT INSTITUT.	07 CLUBS, AMSMT&SPRTS	\$13,710	\$70,544	0.000	0.000	0	0.993
	08 HEALTH CARE FACIL	40,085	190,321	1.367	1.403	2	0.979
	10 SCHLS & CHURCHES	206,717	926,621	1.425	1.462	27	0.977
	12 BUILDINGS&OFFICES	1,516	7,225	0.000	0.000	0	0.947
	TOTAL *	\$262,028	\$1,194,711	1.333		29	
36 MULT SERVICES	03 STORES	\$10,275	\$42,072	0.028	0.029	1	0.905
	04 VENDING & RENTAL	10,486	77,535	0.085	0.087	0	0.948
	07 CLUBS, AMSMT&SPRTS	126,908	623,248	1.214	1.246	30	0.966
	08 HEALTH CARE FACIL	4,512	5,879	0.000	0.000	0	0.953
	10 SCHLS & CHURCHES	7,577	40,362	0.351	0.360	1	0.951
	12 BUILDINGS&OFFICES	51,798	246,398	1.020	1.047	15	0.922
	13 MISC. PREMISES	14,693	95,025	1.277	1.310	6	0.994
	TOTAL *	\$226,249	\$1,130,519	1.014		53	
TOTAL ALL TOP	01 FOOD&BEV. (RETAIL)	\$203,199	\$1,071,451	0.534		37	
	02 RESTAURANTS	368,945	1,951,003	0.728		98	
	03 STORES	126,089	648,867	1.066		28	
	04 VENDING & RENTAL	11,470	84,545	2.299		1	
	05 FOOD & BEV. DIST.	96,177	400,226	0.312		1	
	06 NON-FOOD&BEV.DIST	45,172	291,358	0.180		10	
	07 CLUBS, AMSMT&SPRTS	253,548	1,253,467	1.130		45	
	08 HEALTH CARE FACIL	46,083	210,629	1.197		3	
	09 HOTELS AND MOTELS	440,114	1,866,064	0.973		88	
	10 SCHLS & CHURCHES	260,425	1,207,715	1.443		36	
	11 APARTMENTS	1,695,920	7,944,123	1.368		311	
	12 BUILDINGS&OFFICES	1,412,742	6,967,169	0.780		245	
	13 MISC. PREMISES	30,997	279,718	1.593		13	
	TOTAL *	\$4,990,881	\$24,176,335	1.041		916	

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

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SUMMARY OF EXPERIENCE USED IN RELATIVE CHANGE ANALYSIS

TERRITORY 503

TYPE OF POLICY	CLASS GROUP	(1) CALENDAR A.Y.E. 12/31/2019 AGGREGATE LOSS COSTS AT CURRENT LEVEL	(2) CALENDAR A.Y.E. 2015 - 2019 AGG LOSS COST CURRENT LEVEL	(3) FIVE YEAR EXPERIENCE RATIO	(4) RELATIV.	(5) NUMBER OF OCCURRENCES	(6) BAL CELL RELATIV.
10 MONOLINE	01 FOOD&BEV. (RETAIL)	\$90,713	\$608,046	1.097	1.126	47	1.020
	02 RESTAURANTS	66,400	395,290	1.341	1.377	51	1.037
	03 STORES	23,700	152,904	0.122	0.125	4	0.997
	04 VENDING & RENTAL	3,098	16,438	7.456	7.652	3	1.045
	05 FOOD & BEV. DIST.	6,741	24,268	4.087	4.195	3	1.022
	06 NON-FOOD&BEV.DIST	10,659	68,571	11.794	12.105	16	1.036
	07 CLUBS, AMSMT&SPRTS	37,458	193,556	3.650	3.746	17	1.065
	08 HEALTH CARE FACIL	9,455	22,075	0.000	0.000	0	1.050
	09 HOTELS AND MOTELS	235,888	2,072,514	0.460	0.472	107	1.061
	10 SCHLS & CHURCHES	179,525	863,624	0.975	1.001	20	1.048
	11 APARTMENTS	540,421	1,749,732	1.131	1.161	57	1.003
	12 BUILDINGS&OFFICES	485,076	2,509,131	1.344	1.379	117	1.016
	13 MISC. PREMISES	1,632	59,128	4.273	4.386	5	1.095
	TOTAL *	\$1,690,766	\$8,735,277	1.217		447	
31 MULT MOTEL/HOTEL	09 HOTELS AND MOTELS	\$577,554	\$3,106,145	0.657	0.674	113	1.006
	TOTAL *	\$577,554	\$3,106,145	0.657		113	
32 MULT APARTMENT	11 APARTMENTS	\$895,552	\$5,029,120	1.620	1.662	344	1.113
	12 BUILDINGS&OFFICES	191,592	804,546	1.361	1.396	37	1.128
	TOTAL *	\$1,087,144	\$5,833,666	1.574		381	
33 MULT OFFICE	12 BUILDINGS&OFFICES	\$1,052,237	\$5,490,234	1.024	1.051	207	1.011
	13 MISC. PREMISES	11,000	50,689	1.046	1.074	3	1.089
	TOTAL *	\$1,063,237	\$5,540,923	1.024		210	
34 MULT MERCANTILE	01 FOOD&BEV. (RETAIL)	\$285,379	\$1,696,572	0.234	0.240	48	0.943
	02 RESTAURANTS	366,369	1,844,785	1.218	1.250	128	0.960
	03 STORES	194,052	980,464	0.813	0.834	56	0.922
	04 VENDING & RENTAL	1,042	27,600	0.000	0.000	0	0.966
	05 FOOD & BEV. DIST.	33,666	220,339	0.508	0.521	8	0.945
	06 NON-FOOD&BEV.DIST	102,284	514,851	0.271	0.278	7	0.958
	12 BUILDINGS&OFFICES	328,425	1,806,802	0.692	0.710	87	0.940
	TOTAL *	\$1,311,217	\$7,091,413	0.719		334	

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SUMMARY OF EXPERIENCE USED IN RELATIVE CHANGE ANALYSIS

TERRITORY 503

		(1)	(2)	(3)	(4)	(5)	(6)
		CALENDAR A.Y.E. 12/31/2019 AGGREGATE	CALENDAR A.Y.E. 2015 - 2019	FIVE YEAR EXPERIENCE		NUMBER OF	BAL CELL
TYPE OF POLICY	CLASS GROUP	LOSS COSTS AT CURRENT LEVEL	AGG LOSS COST CURRENT LEVEL	RATIO	RELATIV.	OCCURRENCES	RELATIV.
35 MULT INSTITUT.	08 HEALTH CARE FACIL	\$95,950	\$577,212	1.154	1.184	23	0.994
	10 SCHLS & CHURCHES	482,486	2,491,142	0.476	0.489	91	0.992
	12 BUILDINGS&OFFICES	2,416	22,018	0.000	0.000	0	0.962
	13 MISC. PREMISES	487	2,428	0.000	0.000	0	1.036
	TOTAL *	\$581,339	\$3,092,800	0.586		114	
36 MULT SERVICES	03 STORES	\$23,205	\$105,272	0.485	0.498	7	0.918
	04 VENDING & RENTAL	29,902	137,004	0.030	0.031	1	0.963
	07 CLUBS, AMSMT&SPRTS	223,647	1,060,368	0.690	0.709	42	0.981
	08 HEALTH CARE FACIL	147	422	0.000	0.000	0	0.968
	09 HOTELS AND MOTELS	2,947	12,438	0.000	0.000	0	0.978
	10 SCHLS & CHURCHES	20,597	65,630	0.045	0.046	1	0.966
	12 BUILDINGS&OFFICES	281,167	1,344,912	0.583	0.598	61	0.936
	13 MISC. PREMISES	60,379	347,907	1.893	1.942	34	1.009
	TOTAL *	\$641,991	\$3,073,953	0.694		146	
TOTAL ALL TOP	01 FOOD&BEV. (RETAIL)	\$376,092	\$2,304,618	0.442		95	
	02 RESTAURANTS	432,769	2,240,075	1.237		179	
	03 STORES	240,957	1,238,640	0.713		67	
	04 VENDING & RENTAL	34,042	181,042	0.705		4	
	05 FOOD & BEV. DIST.	40,407	244,607	1.105		11	
	06 NON-FOOD&BEV.DIST	112,943	583,422	1.359		23	
	07 CLUBS, AMSMT&SPRTS	261,105	1,253,924	1.115		59	
	08 HEALTH CARE FACIL	105,552	599,709	1.049		23	
	09 HOTELS AND MOTELS	816,389	5,191,097	0.597		220	
	10 SCHLS & CHURCHES	682,608	3,420,396	0.594		112	
	11 APARTMENTS	1,435,973	6,778,852	1.436		401	
	12 BUILDINGS&OFFICES	2,340,913	11,977,643	1.017		509	
	13 MISC. PREMISES	73,498	460,152	1.806		42	
	TOTAL *	\$6,953,248	\$36,474,177	1.002		1,745	

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

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SUMMARY OF EXPERIENCE USED IN RELATIVE CHANGE ANALYSIS

TERRITORY	ALL	(1)	(2)	(3)	(4)	(5)	(6)
		CALENDAR A.Y.E. 12/31/2019 AGGREGATE	CALENDAR A.Y.E. 2015 - 2019	FIVE YEAR EXPERIENCE		NUMBER OF	BAL CELL
TYPE OF POLICY	CLASS GROUP	LOSS COSTS AT CURRENT LEVEL	AGG LOSS COST CURRENT LEVEL	RATIO	RELATIV.	OCCURRENCES	RELATIV.
10 MONOLINE	01 FOOD&BEV. (RETAIL)	\$152,704	\$1,021,982	1.187		74	
	02 RESTAURANTS	382,378	2,032,091	0.549		128	
	03 STORES	123,789	721,057	0.609		34	
	04 VENDING & RENTAL	16,268	128,977	4.473		8	
	05 FOOD & BEV. DIST.	70,375	318,377	1.196		12	
	06 NON-FOOD&BEV.DIST	58,190	372,408	3.298		47	
	07 CLUBS, AMSMT&SPRTS	318,028	1,557,115	1.407		80	
	08 HEALTH CARE FACIL	17,441	69,269	0.255		3	
	09 HOTELS AND MOTELS	869,695	5,969,317	1.182		393	
	10 SCHLS & CHURCHES	313,596	1,524,026	1.218		56	
	11 APARTMENTS	1,680,053	6,451,791	0.795		163	
	12 BUILDINGS&OFFICES	1,977,662	9,968,276	1.036		457	
	13 MISC. PREMISES	53,589	589,975	1.653		40	
	TOTAL *	\$6,033,768	\$30,724,661	1.019		1,495	
31 MULT MOTEL/HOTEL	09 HOTELS AND MOTELS	\$1,622,596	\$7,788,288	0.843		390	
	TOTAL *	\$1,622,596	\$7,788,288	0.843		390	
32 MULT APARTMENT	11 APARTMENTS	\$3,288,958	\$16,120,425	1.494		850	
	12 BUILDINGS&OFFICES	509,181	2,201,056	1.180		97	
	TOTAL *	\$3,798,139	\$18,321,481	1.452		947	
33 MULT OFFICE	12 BUILDINGS&OFFICES	\$2,827,063	\$13,903,878	0.954		580	
	13 MISC. PREMISES	21,728	104,123	2.869		6	
	TOTAL *	\$2,848,791	\$14,008,001	0.969		586	
34 MULT MERCANTILE	01 FOOD&BEV. (RETAIL)	\$777,822	\$4,386,867	0.633		167	
	02 RESTAURANTS	1,784,879	9,106,526	0.868		487	
	03 STORES	759,862	3,674,276	0.532		123	
	04 VENDING & RENTAL	7,347	66,614	1.528		1	
	05 FOOD & BEV. DIST.	202,816	1,125,479	0.506		26	
	06 NON-FOOD&BEV.DIST	318,540	1,792,420	0.396		45	
	12 BUILDINGS&OFFICES	793,076	4,543,123	0.700		216	
	13 MISC. PREMISES	27	39	0.000		0	
	TOTAL *	\$4,644,369	\$24,695,344	0.698		1,065	

MARYLAND
OWNERS, LANDLORDS AND TENANTS
BASIC LIMIT RELATIVE CHANGE ANALYSIS

SUMMARY OF EXPERIENCE USED IN RELATIVE CHANGE ANALYSIS

TERRITORY	ALL	(1) CALENDAR A.Y.E. 12/31/2019 AGGREGATE LOSS COSTS AT CURRENT LEVEL	(2) CALENDAR A.Y.E. 2015 - 2019 AGG LOSS COST CURRENT LEVEL	(3) FIVE YEAR EXPERIENCE RATIO	(4) RELATIV.	(5) NUMBER OF OCCURRENCES	(6) BAL CELL RELATIV.
TYPE OF POLICY	CLASS GROUP						
35 MULT INSTITUT.	07 CLUBS, AMSMT&SPRTS	\$15,576	\$132,551	0.181		3	
	08 HEALTH CARE FACIL	279,365	1,608,582	1.124		44	
	10 SCHLS & CHURCHES	1,108,807	5,663,439	0.825		248	
	12 BUILDINGS&OFFICES	8,019	50,695	0.078		1	
	13 MISC. PREMISES	13,742	81,702	0.090		3	
	16 GOVT SUBDIVISIONS	164,329	1,442,942	0.549		44	
	TOTAL *	\$1,589,838	\$8,979,911	0.833		343	
36 MULT SERVICES	03 STORES	\$104,745	\$501,054	0.511		18	
	04 VENDING & RENTAL	105,630	477,139	0.424		14	
	07 CLUBS, AMSMT&SPRTS	678,355	3,372,299	0.790		149	
	08 HEALTH CARE FACIL	5,519	9,617	0.425		1	
	09 HOTELS AND MOTELS	27,503	132,621	0.061		1	
	10 SCHLS & CHURCHES	39,016	159,084	0.092		2	
	12 BUILDINGS&OFFICES	477,740	2,289,930	0.716		128	
	13 MISC. PREMISES	143,503	738,305	1.477		71	
	TOTAL *	\$1,582,011	\$7,680,049	0.756		384	
TOTAL ALL	TOP						
	01 FOOD&BEV. (RETAIL)	\$930,526	\$5,408,849	0.724		241	
	02 RESTAURANTS	2,167,257	11,138,617	0.811		615	
	03 STORES	988,396	4,896,387	0.539		175	
	04 VENDING & RENTAL	129,245	672,730	0.997		23	
	05 FOOD & BEV. DIST.	273,191	1,443,856	0.683		38	
	06 NON-FOOD&BEV.DIST	376,730	2,164,828	0.844		92	
	07 CLUBS, AMSMT&SPRTS	1,011,959	5,061,965	0.975		232	
	08 HEALTH CARE FACIL	302,325	1,687,468	1.061		48	
	09 HOTELS AND MOTELS	2,519,794	13,890,226	0.952		784	
	10 SCHLS & CHURCHES	1,461,419	7,346,549	0.890		306	
	11 APARTMENTS	4,969,011	22,572,216	1.257		1,013	
	12 BUILDINGS&OFFICES	6,592,741	32,956,958	0.947		1,479	
	13 MISC. PREMISES	232,589	1,514,144	1.566		120	
	16 GOVT SUBDIVISIONS	164,329	1,442,942	0.549		44	
	TOTAL *	\$22,119,512	\$112,197,735	0.974		5,210	

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

MARYLAND
PRODUCTS
BASIC LIMIT RELATIVE CHANGE ANALYSIS

	(1) BAILEY FORMULA RELATIV.	(2) CREDIBILITY Z	(3) Z-WTD RELATIV.	(4) BALANCED RELATIV.	MULTISTATE COVERAGE IND. OF 0.963 OR - 3.7%			
TOP								
10	0.928	0.343	0.975	0.975				
34	1.065	0.357	1.023	1.023				
36	1.147	0.179	1.025	1.025				
37	1.002	0.474	1.001	1.001				
CLASS GROUP					(5) INDICATED MULTISTATE MONOLINE CHANGE	(6) INDICATED STATEWIDE MONOLINE CHANGE#*	(7) SELECTED STATEWIDE MONOLINE CHANGE	
3	1.020	0.456	1.009	1.013	- 4.9%	- 6.8%	- 6.8%	
4	0.934	0.390	0.974	0.977	- 8.3%	- 6.8%	- 6.8%	
5	1.299	0.127	1.034	1.037	- 2.6%	- 1.0%	- 1.0%	
6	1.020	0.312	1.006	1.010	- 5.2%	- 1.5%	- 1.5%	
7	0.986	0.168	0.998	1.001	- 6.0%	+ 3.4%	+ 3.4%	
			OVERALL MONOLINE INDICATION		- 6.1%	- 5.1%	- 5.1%	
			-----		-----	-----	-----	

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

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

MARYLAND
LOCAL PRODUCTS/COMPLETED OPERATIONS
BASIC LIMIT RELATIVE CHANGE ANALYSIS

	(1) BAILEY FORMULA RELATIV.	(2) CREDIBILITY Z	(3) Z-WTD RELATIV.	(4) BALANCED RELATIV.	MULTISTATE COVERAGE IND. OF 1.082 OR + 8.2%			
TOP								
10	1.013	0.781	1.010	1.009				
34	1.059	0.502	1.029	1.028				
36	0.921	0.535	0.957	0.956				
37	1.062	0.143	1.009	1.008				
38	0.996	0.991	0.996	0.995				
					(5) INDICATED MULTISTATE MONOLINE CHANGE	(6) INDICATED STATEWIDE MONOLINE CHANGE#*	(7) SELECTED STATEWIDE MONOLINE CHANGE	
CLASS GROUP								
1	0.808	0.501	0.899	0.894	- 3.4%	- 6.2%	- 6.1%	
2	0.989	0.512	0.994	0.989	+ 7.8%	+ 8.3%	+ 7.2%	
11	1.091	0.353	1.031	1.026	+ 12.1%	+ 9.3%	+ 9.2%	
12	1.018	1.000	1.018	1.012	+ 10.3%	+ 7.2%	+ 7.3%	
13	0.823	0.264	0.950	0.945	+ 2.7%	+ 0.9%	+ 1.0%	
			OVERALL MONOLINE INDICATION		+ 9.3%	+ 6.5%	+ 6.5%	

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

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

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 CHG.	(6) SELECTED MONOLINE CHG.
	1.280	0.407	1.106	1.105		
	1.226	0.480	1.103	1.103		
	1.218	0.458	1.094	1.094		
	1.437	0.240	1.091	1.091		
	1.303	0.278	1.076	1.076		
	1.118	0.581	1.067	1.067		
	1.360	0.161	1.051	1.050		
	1.190	0.265	1.047	1.047		
	1.208	0.202	1.039	1.039		
	1.362	0.116	1.036	1.036		
	1.077	0.482	1.036	1.036		
	1.171	0.145	1.023	1.023		
	1.102	0.196	1.019	1.019		
	1.048	0.380	1.018	1.018		
	1.050	0.362	1.018	1.017		
	1.051	0.299	1.015	1.015		
	1.047	0.330	1.015	1.015		
	1.077	0.174	1.013	1.013		
	1.048	0.250	1.012	1.011		
	1.031	0.324	1.010	1.009		
	1.049	0.135	1.006	1.006		
	1.010	0.415	1.004	1.004		
	1.020	0.177	1.003	1.003		
	1.007	0.567	1.004	1.003		
	1.020	0.155	1.003	1.003		
	1.025	0.098	1.002	1.002		
	0.992	0.454	0.996	0.996		
	0.989	0.469	0.995	0.995		
	0.975	0.380	0.990	0.990		
	0.935	0.230	0.985	0.984		
	0.888	0.133	0.984	0.984		
	0.926	0.238	0.982	0.982		
	0.971	0.595	0.983	0.982		
	0.684	0.055	0.979	0.979		
	0.895	0.190	0.979	0.979		
Marvland	0.930	0.383	0.973	0.972	6.5%	6.5%
	0.812	0.165	0.966	0.966		
	0.866	0.237	0.967	0.966		
	0.734	0.160	0.952	0.951		
	0.859	0.336	0.950	0.950		
	0.896	0.470	0.950	0.949		
	0.876	0.406	0.948	0.947		
	0.918	0.645	0.946	0.946		
	0.887	0.489	0.943	0.943		
	0.776	0.230	0.943	0.943		
	0.822	0.300	0.943	0.943		
	0.796	0.267	0.941	0.941		
	0.088	0.035	0.919	0.918		
	0.644	0.196	0.917	0.917		
	0.757	0.314	0.916	0.916		
	0.796	0.387	0.916	0.915		
	0.619	0.293	0.869	0.869		

* Sorted by balanced relative change.

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

MARYLAND
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. 12/31/2019 AGGREGATE LOSS COSTS AT CURRENT LEVEL	(2) CALENDAR A.Y.E. 2015 - 2019 AGG LOSS COST CURRENT LEVEL	(3) FIVE YEAR EXPERIENCE RATIO	(4) RELATIV.	(5) NUMBER OF OCCURRENCES	(6) BAL CELL RELATIV.
10 MONOLINE	01 RET.STRS-FOOD/DRG	\$23,048	\$104,149	0.367	0.338	11	0.877
	02 RET.STRS-NTFD/DRG	25,651	119,877	0.950	0.874	5	0.970
	11 COMP. OPS. (LOW)	105,748	595,200	1.204	1.108	12	1.007
	12 COMP. OPS. (MED)	1,819,181	9,407,685	1.098	1.011	159	0.993
	13 COMP. OPS. (HGH)	128,867	639,730	0.621	0.572	3	0.927
	TOTAL *	\$2,102,495	\$10,866,641	1.065		190	
34 MULT MERCANTILE	01 RET.STRS-FOOD/DRG	\$249,481	\$1,255,744	0.524	0.483	80	0.894
	02 RET.STRS-NTFD/DRG	160,093	717,936	0.399	0.367	10	0.989
	12 COMP. OPS. (MED)	52,386	258,939	0.060	0.055	1	1.012
	TOTAL *	\$461,960	\$2,232,619	0.428		91	
36 MULT SERVICES	01 RET.STRS-FOOD/DRG	\$25,077	\$118,721	0.112	0.103	2	0.831
	02 RET.STRS-NTFD/DRG	273,435	1,207,437	1.195	1.100	120	0.919
	11 COMP. OPS. (LOW)	37,712	267,161	0.707	0.651	13	0.954
	12 COMP. OPS. (MED)	101,357	530,253	0.483	0.444	15	0.941
	13 COMP. OPS. (HGH)	11,406	59,509	0.000	0.000	0	0.878
	TOTAL *	\$448,987	\$2,183,081	0.902		150	
37 MULT INDUST/PROC.	01 RET.STRS-FOOD/DRG	\$652	\$1,811	0.000	0.000	0	0.876
	11 COMP. OPS. (LOW)	1,095	6,400	0.000	0.000	0	1.005
	12 COMP. OPS. (MED)	126,865	698,983	0.514	0.473	10	0.992
	TOTAL *	\$128,612	\$707,194	0.507		10	
38 MULT CONTRACTORS	11 COMP. OPS. (LOW)	\$258,374	\$1,223,852	0.539	0.497	17	0.993
	12 COMP. OPS. (MED)	3,876,736	20,076,076	1.126	1.036	340	0.980
	13 COMP. OPS. (HGH)	250,961	1,149,339	0.875	0.806	13	0.914
	TOTAL *	\$4,386,071	\$22,449,267	1.077		370	
TOTAL ALL TOP	01 RET.STRS-FOOD/DRG	\$298,258	\$1,480,425	0.476		93	
	02 RET.STRS-NTFD/DRG	459,179	2,045,250	0.904		135	
	11 COMP. OPS. (LOW)	402,929	2,092,613	0.728		42	
	12 COMP. OPS. (MED)	5,976,525	30,971,936	1.084		525	
	13 COMP. OPS. (HGH)	391,234	1,848,578	0.766		16	
	TOTAL *	\$7,528,125	\$38,438,802	1.014		811	

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

MULTISTATE
LOCAL PRODUCTS/COMPLETED OPERATIONS
BASIC LIMIT RELATIVE CHANGE ANALYSIS

SUMMARY OF EXPERIENCE USED IN RELATIVE CHANGE ANALYSIS

TYPE OF POLICY	CLASS GROUP	(1)	(2)	(3)	(4)	(5)	(6)
		CALENDAR A.Y.E. 12/31/2019 AGGREGATE LOSS COSTS AT CURRENT LEVEL	CALENDAR A.Y.E. 2015 - 2019 AGG LOSS COST CURRENT LEVEL	FIVE YEAR EXPERIENCE RATIO	RELATIV.	NUMBER OF OCCURRENCES	BAL CELL RELATIV.
10 MONOLINE	01 RET.STRS-FOOD/DRG	\$2,438,315	\$11,481,124	0.912		601	
	02 RET.STRS-NTFD/DRG	2,987,973	14,421,548	1.083		495	
	11 COMP. OPS. (LOW)	5,121,852	24,832,256	1.466		645	
	12 COMP. OPS. (MED)	99,545,324	453,611,463	1.119		7,145	
	13 COMP. OPS. (HGH)	7,985,186	36,362,548	0.800		270	
	TOTAL *	\$118,078,650	\$540,708,939	1.107		9,156	
34 MULT MERCANTILE	01 RET.STRS-FOOD/DRG	\$8,416,670	\$39,973,133	0.852		2,982	
	02 RET.STRS-NTFD/DRG	5,558,740	26,332,002	1.248		672	
	12 COMP. OPS. (MED)	2,448,906	11,647,654	1.126		132	
	TOTAL *	\$16,424,316	\$77,952,789	1.027		3,786	
36 MULT SERVICES	01 RET.STRS-FOOD/DRG	\$848,644	\$4,334,228	1.308		191	
	02 RET.STRS-NTFD/DRG	14,186,650	58,805,129	0.951		2,767	
	11 COMP. OPS. (LOW)	3,222,726	15,414,850	1.074		482	
	12 COMP. OPS. (MED)	4,896,101	24,401,807	1.098		800	
	13 COMP. OPS. (HGH)	1,067,475	5,473,142	0.781		63	
	TOTAL *	\$24,221,596	\$108,429,156	1.002		4,303	
37 MULT INDUST/PROC.	01 RET.STRS-FOOD/DRG	\$18,708	\$99,531	0.356		1	
	11 COMP. OPS. (LOW)	112,068	571,925	1.066		19	
	12 COMP. OPS. (MED)	3,758,700	19,361,968	1.170		289	
	13 COMP. OPS. (HGH)	42,554	250,368	0.000		0	
	TOTAL *	\$3,932,030	\$20,283,792	1.150		309	
38 MULT CONTRACTORS	11 COMP. OPS. (LOW)	\$10,091,456	\$49,007,588	1.071		731	
	12 COMP. OPS. (MED)	164,631,197	819,983,232	1.102		13,301	
	13 COMP. OPS. (HGH)	14,387,699	69,460,015	0.947		720	
	TOTAL *	\$189,110,352	\$938,450,835	1.089		14,752	
TOTAL ALL TOP	01 RET.STRS-FOOD/DRG	\$11,722,337	\$55,888,016	0.896		3,775	
	02 RET.STRS-NTFD/DRG	22,733,363	99,558,679	1.041		3,934	
	11 COMP. OPS. (LOW)	18,548,102	89,826,619	1.180		1,877	
	12 COMP. OPS. (MED)	275,280,228	1,329,006,124	1.109		21,667	
	13 COMP. OPS. (HGH)	23,482,914	111,546,073	0.888		1,053	
	TOTAL *	\$351,766,944	\$1,685,825,511	1.087		32,306	

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

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

TYPE OF POLICY	ACCIDENT YEAR ENDING	\$100,000 BASIC LIMIT AGGREGATE LOSS COSTS AT CURRENT LEVEL	X	EXPOSURE DEVELOPMENT FACTOR+	X	EXPOSURE TREND#	X	AVERAGE IPMF*	=	TRENDED \$100,000 BASIC LIMIT AGGREGATE LOSS COSTS AT CURRENT LEVEL
-----	-----	-----		-----		-----		-----		-----
MONOLINE	12/31/2017	\$6,227,657		1.000		1.079				\$6,719,642
	12/31/2018	7,025,812		1.001		1.044				7,342,283
	12/31/2019	7,504,972		1.019		1.018				7,785,223
MULTILINE	12/31/2017	\$11,554,298		1.000		1.076		0.900		\$11,189,182
	12/31/2018	11,765,467		1.001		1.043		0.899		11,043,004
	12/31/2019	12,086,104		1.019		1.019		0.896		11,244,566
TOTAL	12/31/2017									\$17,908,824
	12/31/2018									18,385,287
	12/31/2019									19,029,789

+ THE DERIVATION OF THE EXPOSURE DEVELOPMENT FACTOR IS SHOWN IN SECTION E - CALCULATION OF STATE EXPOSURE DEVELOPMENT FACTORS.

AGGREGATE LOSS COSTS AT CURRENT LEVEL HAVE BEEN TRENDED FROM AN AVERAGE DATE OF COVERAGE TO ONE YEAR BEYOND AN ASSUMED EFFECTIVE DATE OF 08/01/2021 BY AN EXPONENTIAL PROJECTION OF THE AVERAGE ANNUAL EXPOSURE TREND FACTOR. THE DERIVATION OF THIS EXPOSURE TREND FACTOR IS SHOWN IN SECTION E - AVERAGE ANNUAL EXPOSURE TRENDS.

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

MARYLAND
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	B/L INDEMNITY DEVELOPMENT FACTOR	X	UNALLOCATED LOSS ADJ FACTOR	X	SEVERITY TREND	X	FREQUENCY TREND	=	\$100,000 BASIC LIMIT DEVELOPED & TRENDED LOSS AND LAE
BI	B/L INDEMNITY	12/31/2017	\$2,898,690		1.102		1.080		1.251		1.000		\$4,315,831
		12/31/2018	2,101,088		1.401		1.080		1.197		1.000		3,805,400
		12/31/2019	1,023,287		2.095		1.080		1.145		1.000		2,651,006
BI	ALAE	12/31/2017	\$1,681,371				1.080		1.251		1.000		\$2,271,667
		12/31/2018	1,521,112				1.080		1.197		1.000		1,966,433
		12/31/2019	898,012				1.080		1.145		1.000		1,110,482
PD	B/L INDEMNITY	12/31/2017	\$6,106,172		1.065		1.080		1.251		1.000		\$8,786,172
		12/31/2018	6,657,236		1.085		1.080		1.197		1.000		9,337,736
		12/31/2019	5,540,036		1.224		1.080		1.145		1.000		8,385,390
PD	ALAE	12/31/2017	\$1,584,599				1.080		1.251		1.000		\$2,140,920
		12/31/2018	1,891,909				1.080		1.197		1.000		2,445,784
		12/31/2019	1,668,856				1.080		1.145		1.000		2,063,707
MED PAY#	B/L INDEMNITY	12/31/2017	\$70,531				1.080		1.251		1.000		\$95,293
		12/31/2018	77,619				1.080		1.197		1.000		100,343
		12/31/2019	111,414				1.080		1.145		1.000		137,775
FRINGE	B/L INDEMNITY	12/31/2017	\$319,523		1.104		1.080		1.000		1.000		\$380,974
		12/31/2018	251,217		1.234		1.080		1.000		1.000		334,802
		12/31/2019	128,082		1.635		1.080		1.000		1.000		226,167
FRINGE	ALAE	12/31/2017	\$162,104				1.080		1.000		1.000		\$175,072
		12/31/2018	225,785				1.080		1.000		1.000		243,848
		12/31/2019	204,924				1.080		1.000		1.000		221,318
	TOTAL FULL COVERAGE	12/31/2017											\$18,165,929
		12/31/2018											18,234,345
		12/31/2019											14,795,844

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

MARYLAND
MANUFACTURERS AND CONTRACTORS
OCCURRENCE
DED COVERAGE
CALCULATION OF INCURRED LOSSES

REPORT TYPE	LOSS DESCRIPTION	ACCIDENT YEAR ENDING	\$100,000 BASIC LIMIT LOSSES AND ALAE*	X	B/L INDEMNITY DEVELOPMENT FACTOR	X	UNALLOCATED LOSS ADJ FACTOR	X	SEVERITY TREND	X	FREQUENCY TREND	=	\$100,000 BASIC LIMIT DEVELOPED & TRENDED LOSS AND LAE
BI	B/L INDEMNITY	12/31/2017	\$132,470		1.170		1.080		1.251		1.000		\$209,404
		12/31/2018	103,000		1.578		1.080		1.197		1.000		210,117
		12/31/2019	35,609		2.581		1.080		1.145		1.000		113,652
BI	ALAE	12/31/2017	\$142,492				1.080		1.251		1.000		\$192,518
		12/31/2018	83,067				1.080		1.197		1.000		107,386
		12/31/2019	26,318				1.080		1.145		1.000		32,545
PD	B/L INDEMNITY	12/31/2017	\$353,941		1.039		1.080		1.251		1.000		\$496,853
		12/31/2018	586,508		1.075		1.080		1.197		1.000		815,080
		12/31/2019	188,520		1.212		1.080		1.145		1.000		282,546
PD	ALAE	12/31/2017	\$73,940				1.080		1.251		1.000		\$99,899
		12/31/2018	136,680				1.080		1.197		1.000		176,694
		12/31/2019	37,318				1.080		1.145		1.000		46,147
MED PAY#	B/L INDEMNITY	12/31/2017	\$6,528				1.080		1.251		1.000		\$8,820
		12/31/2018	5,516				1.080		1.197		1.000		7,131
		12/31/2019	0				1.080		1.145		1.000		0
	TOTAL DED COVERAGE	12/31/2017											\$1,007,493
		12/31/2018											1,316,409
		12/31/2019											474,890
	TOTAL	12/31/2017											\$19,173,422
		12/31/2018											19,550,754
		12/31/2019											15,270,735

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

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

TYPE OF POLICY -----	ACCIDENT YEAR ENDING -----	\$100,000 BASIC LIMIT AGGREGATE LOSS COSTS AT CURRENT LEVEL -----	X	EXPOSURE DEVELOPMENT FACTOR+ -----	X	EXPOSURE TREND# -----	X	AVERAGE IPMF* -----	=	TRENDED \$100,000 BASIC LIMIT AGGREGATE LOSS COSTS AT CURRENT LEVEL -----
MONOLINE	12/31/2017	\$6,177,825		1.000		1.021				\$6,307,559
	12/31/2018	6,298,663		1.001		1.015				6,399,536
	12/31/2019	5,982,358		1.004		1.010				6,066,350
MULTILINE	12/31/2017	\$16,971,003		1.000		1.024		0.956		\$16,613,662
	12/31/2018	16,631,526		1.001		1.018		0.957		16,219,068
	12/31/2019	16,582,218		1.004		1.014		0.958		16,172,598
TOTAL	12/31/2017									\$22,921,221
	12/31/2018									22,618,604
	12/31/2019									22,238,948

+ THE DERIVATION OF THE EXPOSURE DEVELOPMENT FACTOR IS SHOWN IN SECTION E - CALCULATION OF STATE EXPOSURE DEVELOPMENT FACTORS.

AGGREGATE LOSS COSTS AT CURRENT LEVEL HAVE BEEN TRENDED FROM AN AVERAGE DATE OF COVERAGE TO ONE YEAR BEYOND AN ASSUMED EFFECTIVE DATE OF 08/01/2021 BY AN EXPONENTIAL PROJECTION OF THE AVERAGE ANNUAL EXPOSURE TREND FACTOR. THE DERIVATION OF THIS EXPOSURE TREND FACTOR IS SHOWN IN SECTION E - AVERAGE ANNUAL EXPOSURE TRENDS.

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

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

REPORT TYPE	LOSS DESCRIPTION	ACCIDENT YEAR ENDING	\$100,000 BASIC LIMIT LOSSES AND ALAE*	X	B/L INDEMNITY DEVELOPMENT FACTOR	X	UNALLOCATED LOSS ADJ FACTOR	X	SEVERITY TREND	X	FREQUENCY TREND	=	\$100,000 BASIC LIMIT DEVELOPED & TRENDED LOSS AND LAE
BI	B/L INDEMNITY	12/31/2017	\$8,723,250		1.050		1.080		1.251		0.975		\$12,065,722
		12/31/2018	8,800,745		1.147		1.080		1.197		0.980		12,788,713
		12/31/2019	6,305,734		1.278		1.080		1.145		0.985		9,815,942
BI	ALAE	12/31/2017	\$2,729,291				1.080		1.251		0.975		\$3,595,303
		12/31/2018	3,719,372				1.080		1.197		0.980		4,712,090
		12/31/2019	2,589,950				1.080		1.145		0.985		3,154,691
PD	B/L INDEMNITY	12/31/2017	\$1,488,095		1.048		1.080		1.313		0.975		\$2,156,180
		12/31/2018	1,409,161		1.163		1.080		1.244		0.980		2,157,797
		12/31/2019	1,374,119		1.233		1.080		1.179		0.985		2,125,011
PD	ALAE	12/31/2017	\$608,393				1.080		1.313		0.975		\$841,157
		12/31/2018	605,096				1.080		1.244		0.980		796,699
		12/31/2019	751,474				1.080		1.179		0.985		942,514
MED PAY#	B/L INDEMNITY	12/31/2017	\$748,395				1.080		1.251		0.975		\$985,863
		12/31/2018	765,564				1.080		1.197		0.980		969,897
		12/31/2019	782,136				1.080		1.145		0.985		952,682
FRINGE	B/L INDEMNITY	12/31/2017	\$271,229		1.075		1.080		1.000		0.975		\$307,024
		12/31/2018	58,541		1.265		1.080		1.000		0.980		78,379
		12/31/2019	98,507		1.623		1.080		1.000		0.985		170,077
FRINGE	ALAE	12/31/2017	\$1,197,455				1.080		1.000		0.975		\$1,260,920
		12/31/2018	197,606				1.080		1.000		0.980		209,146
		12/31/2019	248,289				1.080		1.000		0.985		264,130
	TOTAL FULL COVERAGE	12/31/2017											\$21,212,170
		12/31/2018											21,712,721
		12/31/2019											17,425,046

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

MARYLAND
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	B/L INDEMNITY DEVELOPMENT FACTOR	X	UNALLOCATED LOSS ADJ FACTOR	X	SEVERITY TREND	X	FREQUENCY TREND	=	\$100,000 BASIC LIMIT DEVELOPED & TRENDED LOSS AND LAE
BI	B/L INDEMNITY	12/31/2017	\$516,179		1.050		1.080		1.251		0.975		\$713,962
		12/31/2018	668,513		1.251		1.080		1.197		0.980		1,059,525
		12/31/2019	792,926		1.800		1.080		1.145		0.985		1,738,484
BI	ALAE	12/31/2017	\$170,275				1.080		1.251		0.975		\$224,304
		12/31/2018	364,463				1.080		1.197		0.980		461,740
		12/31/2019	371,559				1.080		1.145		0.985		452,578
PD	B/L INDEMNITY	12/31/2017	\$1,638		1.151		1.080		1.313		0.975		\$2,607
		12/31/2018	77,504		1.247		1.080		1.244		0.980		127,251
		12/31/2019	96,764		1.470		1.080		1.179		0.985		178,404
PD	ALAE	12/31/2017	\$203				1.080		1.313		0.975		\$281
		12/31/2018	35,351				1.080		1.244		0.980		46,545
		12/31/2019	38,005				1.080		1.179		0.985		47,667
MED PAY#	B/L INDEMNITY	12/31/2017	\$25,166				1.080		1.251		0.975		\$33,151
		12/31/2018	37,445				1.080		1.197		0.980		47,439
		12/31/2019	61,273				1.080		1.145		0.985		74,634
	TOTAL DED COVERAGE	12/31/2017											\$974,305
		12/31/2018											1,742,500
		12/31/2019											2,491,766
	TOTAL	12/31/2017											\$22,186,475
		12/31/2018											23,455,221
		12/31/2019											19,916,812

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

No development is applied for Medical Payments losses. See Section B.

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

Implicit Package Modification Factors (A) by Type of Policy

Type of Policy (B) -----	Description -----	Implicit Package Modification Factors -----
31	Not Applicable	--
32	Not Applicable	--
33	Office Policy	0.650
34	Mercantile Policy	0.977
35	Institutional Policy	0.503
36	Service Policy	0.843
37	Industrial/Processing Policy	1.140
38	Contractors Policy	0.885

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

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

Implicit Package Modification Factors (A) by Type of Policy

Type of Policy (B) -----	Description -----	Implicit Package Modification Factors -----
31	Motel/Hotel Policy	0.901
32	Apartment House Policy	1.000
33	Office Policy	0.957
34	Mercantile Policy	0.971
35	Institutional Policy	0.852
36	Service Policy	1.009
37	Not Applicable	--
38	Not Applicable	--

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

MARYLAND

PREMISES/OPERATIONS
MANUFACTURERS AND CONTRACTORS

FULL & DEDUCTIBLE COMBINED
TOTAL LIMITS PREMIUM

CALCULATION OF EXPOSURE DEVELOPMENT FACTORS

(1) Evaluation Period	(2) Multistate Ratio (a)	(3) State Ratio (b)	(4) <u>Credibility (c)</u>	(5) Weighted Ratio (d)	(6) Credibility Constant(Ki)
15 to 27 Months	1.023	1.016	0.7794	1.018	30,000,000
27 to 39 Months	1.001	1.001	0.6824	1.001	48,000,000
Accident Year Ending	<u>27:15</u>	Exposure Development From <u>39:27</u>	<u>ULT:39</u>		<u>Factor</u>
12/31/2017			1.000		1.000
12/31/2018		1.001	1.000		1.001
12/31/2019	1.018	1.001	1.000		1.019

(a) See Section E - Multistate Premium Development.

(b) See Section E - Statewide Premium Development.

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

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

MARYLAND

PREMISES/OPERATIONS
OWNERS LANDLORDS AND TENANTS

FULL & DEDUCTIBLE COMBINED
TOTAL LIMITS PREMIUM

CALCULATION OF EXPOSURE DEVELOPMENT FACTORS

(1) Evaluation Period	(2) Multistate Ratio (a)	(3) State Ratio (b)	(4) <u>Credibility (c)</u>	(5) Weighted Ratio (d)	(6) Credibility Constant(Ki)
15 to 27 Months	1.005	1.002	0.5738	1.003	83,000,000
27 to 39 Months	1.001	1.000	0.4645	1.001	125,000,000
Accident Year Ending	<u>27:15</u>	Exposure Development From			<u>Factor</u>
		<u>39:27</u>	<u>ULT:39</u>		
12/31/2017			1.000		1.000
12/31/2018		1.001	1.000		1.001
12/31/2019	1.003	1.001	1.000		1.004

(a) See Section E - Multistate Premium Development.

(b) See Section E - Statewide Premium Development.

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

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

MARYLAND
MANUFACTURERS AND CONTRACTORS

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

Accident Year Ending	<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>
12/31/2012	28,694,244	28,217,230	28,190,035	28,178,354	28,180,156	28,179,088	28,179,016	28,179,016
12/31/2013	29,340,929	29,488,012	29,508,479	29,524,516	29,534,321	29,533,947	29,533,947	
12/31/2014	30,911,905	31,583,484	31,621,179	31,613,540	31,615,899	31,615,548		
12/31/2015	32,409,071	32,766,342	32,703,058	32,714,439	32,711,051			
12/31/2016	33,756,256	34,106,547	34,224,087	34,225,245				
12/31/2017	35,534,533	36,246,112	36,252,225					
12/31/2018	36,707,106	37,365,409						
12/31/2019	37,246,309							

LINK RATIOS

Accident Year Ending	<u>27:15</u>	<u>39:27</u>	<u>51:39</u>	<u>63:51</u>	<u>75:63</u>	<u>87:75</u>	<u>99:87</u>
12/31/2012	0.983	0.999	1.000	1.000	1.000	1.000	1.000
12/31/2013	1.005	1.001	1.001	1.000	1.000	1.000	
12/31/2014	1.022	1.001	1.000	1.000	1.000		
12/31/2015	1.011	0.998	1.000	1.000			
12/31/2016	1.010	1.003	1.000				
12/31/2017	1.020	1.000					
12/31/2018	1.018						
12/31/2019							

Average Best 3 of 5

<u>27:15</u>	<u>39:27</u>
1.016	1.001

MARYLAND
OWNERS LANDLORDS AND TENANTS

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

Accident Year Ending	<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>
12/31/2012	28,396,663	28,427,233	28,424,961	28,423,011	28,426,645	28,426,673	28,426,674	28,426,674
12/31/2013	29,874,784	29,882,343	29,873,395	29,840,447	29,864,487	29,864,490	29,864,490	
12/31/2014	32,456,837	32,350,445	32,335,080	32,336,734	32,335,233	32,335,233		
12/31/2015	34,985,309	35,046,525	35,044,183	35,051,569	35,051,569			
12/31/2016	36,335,696	36,355,198	36,326,185	36,326,558				
12/31/2017	36,965,086	37,029,032	37,042,468					
12/31/2018	38,450,397	38,524,205						
12/31/2019	39,820,596							

LINK RATIOS

Accident Year Ending	<u>27:15</u>	<u>39:27</u>	<u>51:39</u>	<u>63:51</u>	<u>75:63</u>	<u>87:75</u>	<u>99:87</u>
12/31/2012	1.001	1.000	1.000	1.000	1.000	1.000	1.000
12/31/2013	1.000	1.000	0.999	1.001	1.000	1.000	
12/31/2014	0.997	1.000	1.000	1.000	1.000		
12/31/2015	1.002	1.000	1.000	1.000			
12/31/2016	1.001	0.999	1.000				
12/31/2017	1.002	1.000					
12/31/2018	1.002						
12/31/2019							

Average Best 3 of 5

<u>27:15</u>	<u>39:27</u>
1.002	1.000

MULTISTATE
MANUFACTURERS AND CONTRACTORS

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

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

LINK RATIOS

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

Average Best 3 of 5

<u>27:15</u>	<u>39:27</u>
1.023	1.001

MULTISTATE
OWNERS LANDLORDS AND TENANTS

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

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

LINK RATIOS

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

Average Best 3 of 5
27:15 39:27
1.005 1.001

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MARYLAND

Premises/Operations

Manufacturers & Contractors

Bodily Injury

Full Coverage

Incurred Losses excluding ALAE

Calculation of Loss Development Factors

(1)	(2)	(3)	(4)	(5)	
EVALUATION PERIOD	MULTISTATE RATIO (A)	STATE RATIO (B)	CREDIBILITY (C)	WEIGHTED RATIO (D)	Credibility Constant (Ki)
15 to 27 Months	1.610	1.443	0.6899	1.495	1,500,000
27 to 39 Months	1.306	1.260	0.7432	1.272	1,800,000
39 to 51 Months	1.079	1.082	0.7614	1.081	2,100,000
51 to 63 Months	1.014	1.000	0.7157	1.004	2,500,000
63 to 75 Months	0.994	0.984	0.6947	0.987	2,900,000
75 to 87 Months	0.995	0.997	0.6693	0.996	3,500,000
87 to 99 Months	0.999	1.000	0.6605	1.000	4,000,000
99 to 111 Months	1.000	1.000	0.6047	1.000	4,800,000
111 to 123 Months	0.998	0.997	0.5242	0.997	5,600,000
123 to 135 Months	1.000	1.000	0.4765	1.000	6,600,000
135 to 147 Months	1.000	1.006	0.4594	1.003	7,800,000
147 to 159 Months	1.001	1.016	0.4414	1.008	9,200,000
159 to 171 Months	1.000	1.015	0.4253	1.006	10,900,000
171 to 183 Months	1.000	1.013	0.3884	1.005	12,900,000
183 to 195 Months	1.000	1.011	0.3422	1.004	15,200,000
195 to 207 Months	1.001	1.005	0.3004	1.002	18,000,000
207 to 219 Months	1.001	1.001	0.2788	1.001	21,300,000
219 to 231 Months	1.001	1.000	0.2024	1.001	25,100,000
231 to 243 Months	1.001	1.000	0.0959	1.001	29,700,000
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
12/31/2017			1.081	1.004	0.987	0.996	1.000	1.000	0.997	1.000	1.003
12/31/2018		1.272	1.081	1.004	0.987	0.996	1.000	1.000	0.997	1.000	1.003
12/31/2019	1.495	1.272	1.081	1.004	0.987	0.996	1.000	1.000	0.997	1.000	1.003
	159:147	171:159	183:171	195:183	207:195	219:207	231:219	243:231	ULT:243		Factor
12/31/2017	1.008	1.006	1.005	1.004	1.002	1.001	1.001	1.001	1.004		1.102
12/31/2018	1.008	1.006	1.005	1.004	1.002	1.001	1.001	1.001	1.004		1.401
12/31/2019	1.008	1.006	1.005	1.004	1.002	1.001	1.001	1.001	1.004		2.095

(A) See Section E - Multistate Loss Development.

(B) See Section E - Statewide Loss Development.

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

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

MARYLAND

Premises/Operations

Manufacturers & Contractors
Bodily Injury
Full and Deductible Coverage
ALAE

Calculation of Cumulative Incremental Factors

(1) EVALUATION PERIOD	(2) MULTISTATE RATIO (A)	(3) STATE RATIO (B)	(4) CREDIBILITY (C)	(5) WEIGHTED RATIO (D)	Credibility Constant (K _i)
15 to 27 Months	0.0684	0.0400	0.6899	0.0488	1,500,000
27 to 39 Months	0.0935	0.0754	0.7432	0.0801	1,800,000
39 to 51 Months	0.0790	0.0809	0.7614	0.0805	2,100,000
51 to 63 Months	0.0483	0.0183	0.7157	0.0269	2,500,000
63 to 75 Months	0.0230	0.0352	0.6947	0.0315	2,900,000
75 to 87 Months	0.0162	0.0019	0.6693	0.0066	3,500,000
87 to 99 Months	0.0054	0.0003	0.6605	0.0021	4,000,000
99 to 111 Months	0.0027	0.0001	0.6047	0.0011	4,800,000
111 to 123 Months	0.0027	0.0000	0.5242	0.0013	5,600,000
123 to 135 Months	0.0009	0.0000	0.4765	0.0005	6,600,000
135 to 147 Months	0.0011	0.0000	0.4594	0.0006	7,800,000
147 to 159 Months	0.0015	0.0001	0.4414	0.0009	9,200,000
159 to 171 Months	0.0008	0.0001	0.4253	0.0005	10,900,000
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>
	0.281	0.233	0.153	0.072	0.045	0.014	0.007
<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	0.004	0.003	0.002	0.001	0.001	0.000

Full Coverage

A.Y.E.	Reported ALAE as of 3/31/20	\$500,000 Ultimate Indemnity	ALAE Factor	Additional ALAE	Ultimate ALAE
12/31/2017	966,554	4,671,994	0.153	714,817	1,681,371
12/31/2018	467,615	4,521,453	0.233	1,053,497	1,521,112
12/31/2019	86,565	2,887,711	0.281	811,447	898,012

Deductible Coverage

A.Y.E.	Reported ALAE as of 3/31/20	\$500,000 Ultimate Indemnity	ALAE Factor	Additional ALAE	Ultimate ALAE
12/31/2017	117,805	161,349	0.153	24,687	142,492
12/31/2018	41,933	176,542	0.233	41,134	83,067
12/31/2019	2	93,651	0.281	26,316	26,318

(A) See Section E - Multistate Loss Development.

(B) See Section E - Statewide Loss Development.

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

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

MARYLAND

Premises/Operations

Manufacturers & Contractors

Property Damage

Full Coverage

Incurred Losses excluding ALAE

Calculation of Loss Development Factors

(1)	(2)	(3)	(4)	(5)	
EVALUATION PERIOD	MULTISTATE RATIO (A)	STATE RATIO (B)	CREDIBILITY (C)	WEIGHTED RATIO (D)	Credibility Constant (Ki)
15 to 27 Months	1.126	1.128	0.8113	1.128	2,800,000
27 to 39 Months	1.049	1.012	0.8043	1.019	2,900,000
39 to 51 Months	1.021	1.044	0.7995	1.039	3,000,000
51 to 63 Months	1.007	1.016	0.7886	1.014	3,200,000
63 to 75 Months	1.005	0.999	0.7980	1.000	3,300,000
75 to 87 Months	1.009	1.000	0.7921	1.002	3,400,000
87 to 99 Months	1.006	1.000	0.7914	1.001	3,600,000
99 to 111 Months	1.004	1.002	0.7806	1.002	3,700,000
111 to 123 Months	1.004	0.999	0.7766	1.000	3,900,000
123 to 135 Months	1.003	0.998	0.7605	0.999	4,100,000
135 to 147 Months	1.001	1.000	0.7581	1.000	4,200,000
147 to 159 Months	1.002	1.000	0.7392	1.001	4,400,000
159 to 171 Months	1.002	1.000	0.7376	1.001	4,600,000
171 to 183 Months	1.001	1.000	0.7199	1.000	4,800,000
183 to 195 Months	1.001	1.000	0.7090	1.000	5,000,000
195 to 207 Months	1.001	1.000	0.7013	1.000	5,200,000
207 to 219 Months	1.001	1.000	0.7168	1.000	5,400,000
219 to 231 Months	1.001	1.000	0.6272	1.000	5,700,000
231 to 243 Months	1.001	1.000	0.4675	1.001	5,900,000
243 to ULTIMATE	The Multistate ratio has been used.				

Accident Year	Loss Development From										
Ending	27:15	39:27	51:39	63:51	75:63	87:75	99:87	111:99	123:111	135:123	147:135
12/31/2017			1.039	1.014	1.000	1.002	1.001	1.002	1.000	0.999	1.000
12/31/2018		1.019	1.039	1.014	1.000	1.002	1.001	1.002	1.000	0.999	1.000
12/31/2019	1.128	1.019	1.039	1.014	1.000	1.002	1.001	1.002	1.000	0.999	1.000
	<u>159:147</u>	<u>171:159</u>	<u>183:171</u>	<u>195:183</u>	<u>207:195</u>	<u>219:207</u>	<u>231:219</u>	<u>243:231</u>	<u>ULT:243</u>		<u>Factor</u>
12/31/2017	1.001	1.001	1.000	1.000	1.000	1.000	1.000	1.001	1.004		1.065
12/31/2018	1.001	1.001	1.000	1.000	1.000	1.000	1.000	1.001	1.004		1.085
12/31/2019	1.001	1.001	1.000	1.000	1.000	1.000	1.000	1.001	1.004		1.224

(A) See Section E - Multistate Loss Development.

(B) See Section E - Statewide Loss Development.

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

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

MARYLAND

Premises/Operations

Manufacturers & Contractors
Property Damage
Full and Deductible Coverage
ALAE

Calculation of Cumulative Incremental Factors

(1) EVALUATION PERIOD	(2) MULTISTATE RATIO (A)	(3) STATE RATIO (B)	(4) CREDIBILITY (C)	(5) WEIGHTED RATIO (D)	Credibility Constant (K _i)
15 to 27 Months	0.0413	0.0296	0.8113	0.0318	2,800,000
27 to 39 Months	0.0422	0.0204	0.8043	0.0247	2,900,000
39 to 51 Months	0.0477	0.0227	0.7995	0.0277	3,000,000
51 to 63 Months	0.0359	0.0194	0.7886	0.0228	3,200,000
63 to 75 Months	0.0207	0.0075	0.7980	0.0101	3,300,000
75 to 87 Months	0.0101	0.0020	0.7921	0.0037	3,400,000
87 to 99 Months	0.0098	0.0031	0.7914	0.0045	3,600,000
99 to 111 Months	0.0074	0.0026	0.7806	0.0036	3,700,000
111 to 123 Months	0.0082	0.0000	0.7766	0.0018	3,900,000
123 to 135 Months	0.0052	0.0023	0.7605	0.0030	4,100,000
135 to 147 Months	0.0026	0.0000	0.7581	0.0007	4,200,000
147 to 159 Months	0.0047	0.0043	0.7392	0.0044	4,400,000
159 to 171 Months	0.0046	0.0005	0.7376	0.0016	4,600,000
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>
	0.141	0.109	0.084	0.056	0.033	0.023	0.020
<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>
	0.015	0.012	0.010	0.007	0.006	0.002	0.000

Full Coverage

A.Y.E.	Reported ALAE as of 3/31/20	\$500,000 Ultimate Indemnity	ALAE Factor	Additional ALAE	Ultimate ALAE
12/31/2017	849,676	8,749,037	0.084	734,923	1,584,599
12/31/2018	809,498	9,930,424	0.109	1,082,411	1,891,909
12/31/2019	493,407	8,336,505	0.141	1,175,449	1,668,856

Deductible Coverage

A.Y.E.	Reported ALAE as of 3/31/20	\$500,000 Ultimate Indemnity	ALAE Factor	Additional ALAE	Ultimate ALAE
12/31/2017	25,193	580,332	0.084	48,747	73,940
12/31/2018	60,391	699,868	0.109	76,289	136,680
12/31/2019	1,487	254,123	0.141	35,831	37,318

(A) See Section E - Multistate Loss Development.

(B) See Section E - Statewide Loss Development.

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

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

MARYLAND

Premises/Operations

Manufacturers & Contractors

Fringe

Full Coverage

ALAE

Calculation of Cumulative Incremental Factors

(1)	(2)
EVALUATION PERIOD	MULTISTATE RATIO (A)
15 to 27 Months	0.1794
27 to 39 Months	0.1631
39 to 51 Months	0.1315
51 to 63 Months	0.1054
63 to 75 Months	0.0529
75 to 87 Months	0.0371
87 to 99 Months	0.0182
99 to 111 Months	0.0116
111 to 123 Months	0.0028
123 to 135 Months	0.0017
135 to 147 Months	0.0005
147 to 159 Months	0.0010
159 to 171 Months	0.0005
171 to Ultimate	A multistate ratio of 0.0000 has been used.

Cumulative Incremental Factors							
<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>
	0.706	0.526	0.363	0.232	0.126	0.073	0.036

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

A.Y.E.	Reported ALAE as of 3/31/20	\$500,000 Ultimate Indemnity	ALAE Factor	Additional ALAE	Ultimate ALAE
12/31/2017	14,685	406,114	0.363	147,419	162,104
12/31/2018	26,095	379,637	0.526	199,690	225,785
12/31/2019	4,539	283,831	0.706	200,385	204,924

(A) See Section E - Multistate Loss Development.

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

MARYLAND

Premises/Operations

Owners, Landlords & Tenants

Bodily Injury

Full Coverage

Incurred Losses excluding ALAE

Calculation of Loss Development Factors

(1)	(2)	(3)	(4)	(5)	
EVALUATION PERIOD	MULTISTATE RATIO (A)	STATE RATIO (B)	CREDIBILITY (C)	WEIGHTED RATIO (D)	Credibility Constant (Ki)
15 to 27 Months	1.400	1.093	0.9313	1.114	1,700,000
27 to 39 Months	1.199	1.084	0.9219	1.093	2,100,000
39 to 51 Months	1.056	1.053	0.9054	1.053	2,700,000
51 to 63 Months	1.004	1.001	0.8776	1.001	3,400,000
63 to 75 Months	0.995	1.004	0.8439	1.003	4,300,000
75 to 87 Months	0.995	0.997	0.8232	0.997	5,400,000
87 to 99 Months	0.996	0.997	0.7898	0.997	6,900,000
99 to 111 Months	0.998	1.000	0.7454	0.999	8,700,000
111 to 123 Months	0.999	0.998	0.6632	0.998	11,100,000
123 to 135 Months	1.000	1.000	0.5812	1.000	14,000,000
135 to 147 Months	1.001	1.000	0.4961	1.001	17,800,000
147 to 159 Months	1.000	1.000	0.4392	1.000	22,600,000
159 to 171 Months	1.000	1.000	0.3654	1.000	28,800,000
171 to 183 Months	1.001	1.000	0.3235	1.001	36,500,000
183 to 195 Months	1.000	1.000	0.2707	1.000	46,600,000
195 to 207 Months	1.000	1.000	0.2207	1.000	59,300,000
207 to 219 Months	1.000	1.000	0.1839	1.000	75,700,000
219 to 231 Months	1.000	1.000	0.0988	1.000	96,500,000
231 to 243 Months	1.000	1.000	0.0464	1.000	123,400,000
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
12/31/2017			1.053	1.001	1.003	0.997	0.997	0.999	0.998	1.000	1.001
12/31/2018		1.093	1.053	1.001	1.003	0.997	0.997	0.999	0.998	1.000	1.001
12/31/2019	1.114	1.093	1.053	1.001	1.003	0.997	0.997	0.999	0.998	1.000	1.001
	<u>159:147</u>	<u>171:159</u>	<u>183:171</u>	<u>195:183</u>	<u>207:195</u>	<u>219:207</u>	<u>231:219</u>	<u>243:231</u>	<u>ULT:243</u>		<u>Factor</u>
12/31/2017	1.000	1.000	1.001	1.000	1.000	1.000	1.000	1.000	1.000		1.050
12/31/2018	1.000	1.000	1.001	1.000	1.000	1.000	1.000	1.000	1.000		1.147
12/31/2019	1.000	1.000	1.001	1.000	1.000	1.000	1.000	1.000	1.000		1.278

(A) See Section E - Multistate Loss Development.

(B) See Section E - Statewide Loss Development.

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

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

MARYLAND

Premises/Operations

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

Calculation of Cumulative Incremental Factors

(1) EVALUATION PERIOD	(2) MULTISTATE RATIO (A)	(3) STATE RATIO (B)	(4) CREDIBILITY (C)	(5) WEIGHTED RATIO (D)	Credibility Constant (K _i)
15 to 27 Months	0.0635	0.0373	0.9313	0.0391	1,700,000
27 to 39 Months	0.0806	0.0428	0.9219	0.0458	2,100,000
39 to 51 Months	0.0573	0.0449	0.9054	0.0460	2,700,000
51 to 63 Months	0.0288	0.0229	0.8776	0.0237	3,400,000
63 to 75 Months	0.0110	0.0069	0.8439	0.0076	4,300,000
75 to 87 Months	0.0068	0.0001	0.8232	0.0013	5,400,000
87 to 99 Months	0.0037	-0.0003	0.7898	0.0005	6,900,000
99 to 111 Months	0.0015	-0.0002	0.7454	0.0002	8,700,000
111 to 123 Months	0.0027	0.0003	0.6632	0.0011	11,100,000
123 to 135 Months	0.0011	0.0000	0.5812	0.0005	14,000,000
135 to 147 Months	0.0009	0.0000	0.4961	0.0005	17,800,000
147 to 159 Months	0.0009	0.0000	0.4392	0.0005	22,600,000
159 to 171 Months	0.0004	0.0000	0.3654	0.0002	28,800,000
171 to Ultimate	A multistate ratio of 0.0000 has been used.				

Cumulative Incremental Factors							
<u>Months-to-Ultimate</u>	<u>15</u>	<u>27</u>	<u>39</u>	<u>51</u>	<u>63</u>	<u>75</u>	<u>87</u>
	0.167	0.128	0.082	0.036	0.012	0.005	0.004
<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 3/31/20	\$500,000 Ultimate Indemnity	ALAE Factor	Additional ALAE	Ultimate ALAE
12/31/2017	1,681,499	12,777,984	0.082	1,047,792	2,729,291
12/31/2018	1,950,607	13,818,490	0.128	1,768,765	3,719,372
12/31/2019	845,678	10,444,724	0.167	1,744,272	2,589,950

Deductible Coverage

A.Y.E.	Reported ALAE as of 3/31/20	\$500,000 Ultimate Indemnity	ALAE Factor	Additional ALAE	Ultimate ALAE
12/31/2017	124,944	552,830	0.082	45,331	170,275
12/31/2018	183,733	1,411,960	0.128	180,730	364,463
12/31/2019	85,245	1,714,462	0.167	286,314	371,559

(A) See Section E - Multistate Loss Development.

(B) See Section E - Statewide Loss Development.

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

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

MARYLAND

Premises/Operations

Owners, Landlords & Tenants

Property Damage

Full Coverage

Incurred Losses excluding ALAE

Calculation of Loss Development Factors

(1)	(2)	(3)	(4)	(5)	
EVALUATION PERIOD	MULTISTATE RATIO (A)	STATE RATIO (B)	CREDIBILITY (C)	WEIGHTED RATIO (D)	Credibility Constant (Ki)
15 to 27 Months	1.159	1.027	0.7528	1.060	1,000,000
27 to 39 Months	1.079	1.121	0.7414	1.110	1,100,000
39 to 51 Months	1.038	1.002	0.6975	1.013	1,300,000
51 to 63 Months	1.009	1.007	0.6864	1.008	1,500,000
63 to 75 Months	1.004	1.001	0.6517	1.002	1,600,000
75 to 87 Months	1.008	1.005	0.5832	1.006	1,900,000
87 to 99 Months	1.007	1.004	0.5694	1.005	2,200,000
99 to 111 Months	1.003	1.000	0.5560	1.001	2,400,000
111 to 123 Months	1.001	1.000	0.5448	1.000	2,700,000
123 to 135 Months	1.001	1.000	0.4372	1.001	3,200,000
135 to 147 Months	1.001	1.000	0.4013	1.001	3,600,000
147 to 159 Months	0.999	1.000	0.3328	0.999	4,100,000
159 to 171 Months	1.002	1.000	0.3065	1.001	4,700,000
171 to 183 Months	1.001	1.000	0.3286	1.001	5,400,000
183 to 195 Months	1.002	1.000	0.3048	1.001	6,000,000
195 to 207 Months	1.001	1.000	0.2726	1.001	6,900,000
207 to 219 Months	1.001	1.000	0.2040	1.001	7,900,000
219 to 231 Months	1.001	1.000	0.1350	1.001	9,000,000
231 to 243 Months	1.001	1.000	0.0755	1.001	10,300,000
243 to ULTIMATE	The Multistate ratio has been used.				

Accident Year	Loss Development From										
Ending	27:15	39:27	51:39	63:51	75:63	87:75	99:87	111:99	123:111	135:123	147:135
12/31/2017			1.013	1.008	1.002	1.006	1.005	1.001	1.000	1.001	1.001
12/31/2018		1.110	1.013	1.008	1.002	1.006	1.005	1.001	1.000	1.001	1.001
12/31/2019	1.060	1.110	1.013	1.008	1.002	1.006	1.005	1.001	1.000	1.001	1.001
	159:147	171:159	183:171	195:183	207:195	219:207	231:219	243:231	ULT:243		Factor
12/31/2017	0.999	1.001	1.001	1.001	1.001	1.001	1.001	1.001	1.004		1.048
12/31/2018	0.999	1.001	1.001	1.001	1.001	1.001	1.001	1.001	1.004		1.163
12/31/2019	0.999	1.001	1.001	1.001	1.001	1.001	1.001	1.001	1.004		1.233

(A) See Section E - Multistate Loss Development.

(B) See Section E - Statewide Loss Development.

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

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

MARYLAND

Premises/Operations

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

Calculation of Cumulative Incremental Factors

(1) EVALUATION PERIOD	(2) MULTISTATE RATIO (A)	(3) STATE RATIO (B)	(4) CREDIBILITY (C)	(5) WEIGHTED RATIO (D)	Credibility Constant (K _i)
15 to 27 Months	0.0734	0.0148	0.7528	0.0293	1,000,000
27 to 39 Months	0.0811	0.1223	0.7414	0.1117	1,100,000
39 to 51 Months	0.0655	-0.0183	0.6975	0.0070	1,300,000
51 to 63 Months	0.0427	0.0020	0.6864	0.0147	1,500,000
63 to 75 Months	0.0359	0.0204	0.6517	0.0258	1,600,000
75 to 87 Months	0.0116	0.0077	0.5832	0.0093	1,900,000
87 to 99 Months	0.0172	0.0079	0.5694	0.0119	2,200,000
99 to 111 Months	0.0093	0.0002	0.5560	0.0042	2,400,000
111 to 123 Months	0.0104	0.0000	0.5448	0.0047	2,700,000
123 to 135 Months	0.0071	0.0000	0.4372	0.0040	3,200,000
135 to 147 Months	0.0081	0.0000	0.4013	0.0049	3,600,000
147 to 159 Months	-0.0004	0.0000	0.3328	-0.0003	4,100,000
159 to 171 Months	0.0023	0.0000	0.3065	0.0016	4,700,000
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>
	0.229	0.200	0.088	0.081	0.066	0.040	0.031
<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>
	0.019	0.015	0.010	0.006	0.001	0.002	0.000

Full Coverage

A.Y.E.	Reported ALAE as of 3/31/20	\$500,000 Ultimate Indemnity	ALAE Factor	Additional ALAE	Ultimate ALAE
12/31/2017	436,812	1,949,765	0.088	171,581	608,393
12/31/2018	186,771	2,091,642	0.200	418,325	605,096
12/31/2019	224,056	2,303,133	0.229	527,418	751,474

Deductible Coverage

A.Y.E.	Reported ALAE as of 3/31/20	\$500,000 Ultimate Indemnity	ALAE Factor	Additional ALAE	Ultimate ALAE
12/31/2017	59	1,635	0.088	144	203
12/31/2018	17,696	88,277	0.200	17,655	35,351
12/31/2019	9,597	124,053	0.229	28,408	38,005

(A) See Section E - Multistate Loss Development.

(B) See Section E - Statewide Loss Development.

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

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

MARYLAND

Premises/Operations

Owners, Landlords & Tenants

Fringe

Full Coverage

ALAE

Calculation of Cumulative Incremental Factors

(1)	(2)
EVALUATION PERIOD	MULTISTATE RATIO (A)
15 to 27 Months	0.2120
27 to 39 Months	0.1940
39 to 51 Months	0.1766
51 to 63 Months	0.1406
63 to 75 Months	0.1083
75 to 87 Months	0.0944
87 to 99 Months	0.0316
99 to 111 Months	0.0188
111 to 123 Months	0.0057
123 to 135 Months	0.0015
135 to 147 Months	0.0020
147 to 159 Months	0.0019
159 to 171 Months	0.0074
171 to Ultimate	A multistate ratio of 0.0000 has been used.

Cumulative Incremental Factors							
<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>
	0.995	0.783	0.589	0.412	0.271	0.163	0.069

<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>
	0.037	0.018	0.013	0.011	0.009	0.007	0.000

A.Y.E.	Reported ALAE as of 3/31/20	\$500,000 Ultimate Indemnity	ALAE Factor	Additional ALAE	Ultimate ALAE
12/31/2017	988,976	353,954	0.589	208,479	1,197,455
12/31/2018	122,568	95,833	0.783	75,038	197,606
12/31/2019	15,112	234,348	0.995	233,177	248,289

(A) See Section E - Multistate Loss Development.

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

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

\$100,000 Basic Limit Losses as of:

A.Y.E.	15 Months	27 Months	39 Months	51 Months	63 Months	75 Months	87 Months	99 Months	111 Months	123 Months	135 Months
12/31/2000	1,222,105	1,945,300	2,476,230	2,800,842	2,819,325	2,808,319	2,798,319	2,749,319	2,769,319	2,794,319	2,794,319
12/31/2001	1,607,671	2,295,820	2,750,987	3,340,219	3,307,250	3,158,482	3,244,082	3,241,482	3,125,732	3,160,732	3,160,732
12/31/2002	865,747	1,377,988	1,497,743	1,970,411	1,824,712	1,692,019	1,707,019	1,757,019	1,795,353	1,822,852	1,825,352
12/31/2003	1,171,363	1,677,213	2,024,283	2,200,286	1,850,551	1,816,363	1,784,363	1,864,363	1,987,613	2,081,113	2,133,613
12/31/2004	1,283,380	1,932,445	2,616,500	3,248,320	2,934,813	2,916,953	2,954,224	2,876,624	2,901,624	2,946,624	3,061,624
12/31/2005	1,071,862	1,707,739	2,293,878	2,509,988	2,363,889	2,318,889	2,294,843	2,294,843	2,337,343	2,304,843	2,309,843
12/31/2006	1,132,436	1,745,800	1,955,221	2,139,865	2,323,309	2,268,554	2,343,554	2,343,554	2,345,054	2,393,554	2,376,054
12/31/2007	1,512,311	2,251,055	2,694,309	2,760,417	2,570,601	2,598,631	2,582,666	2,545,166	2,545,166	2,545,166	2,545,166
12/31/2008	1,425,697	1,513,386	1,894,936	2,059,881	1,807,730	1,685,985	1,762,230	1,712,480	1,722,730	1,705,980	1,705,980
12/31/2009	1,325,655	1,487,443	1,590,048	1,626,070	1,804,328	1,775,828	1,767,328	1,764,828	1,755,828	1,755,828	1,755,828
12/31/2010	1,987,834	2,042,170	2,431,463	2,471,243	2,795,834	2,693,932	2,691,114	2,690,467	2,689,898	2,531,143	
12/31/2011	2,173,193	2,383,835	2,344,951	2,916,460	2,865,903	2,842,405	2,782,202	2,887,402	2,887,402		
12/31/2012	1,093,882	1,217,034	1,976,417	2,425,204	2,481,637	2,308,642	2,308,642	2,308,642			
12/31/2013	591,281	1,216,001	1,562,402	1,798,489	1,939,800	1,931,300	1,926,300				
12/31/2014	1,569,792	1,973,492	2,541,324	2,193,609	2,177,541	2,346,342					
12/31/2015	1,328,598	1,906,111	2,298,369	2,300,664	2,144,605						
12/31/2016	1,159,171	1,805,804	1,860,674	2,035,452							
12/31/2017	839,930	1,498,285	2,009,390								
12/31/2018	1,338,306	1,789,069									
12/31/2019	777,227										

A.Y.E.	147 Months	159 Months	171 Months	183 Months	195 Months	207 Months	219 Months	231 Months	243 Months
12/31/2000	2,831,819	2,851,819	2,951,819	2,989,319	3,031,819	3,054,319	3,104,319	3,151,819	3,181,819
12/31/2001	3,165,732	3,168,232	3,215,732	3,230,732	3,265,732	3,265,732	3,265,732	3,255,732	
12/31/2002	1,830,352	1,832,852	1,892,852	1,925,352	1,912,852	1,912,852	1,912,852		
12/31/2003	2,176,113	2,343,613	2,458,613	2,503,613	2,548,613	2,613,613			
12/31/2004	3,194,124	3,344,125	3,386,624	3,479,124	3,506,624				
12/31/2005	2,349,843	2,347,343	2,347,343	2,347,343					
12/31/2006	2,376,054	2,376,054	2,376,054						
12/31/2007	2,545,166	2,545,166							
12/31/2008	1,705,980								

PREMISES/OPERATIONS (Subline Code 334)
MANUFACTURERS AND CONTRACTORS
FULL COVERAGE
MARYLAND

BODILY INJURY - OCCURRENCE

INCURRED ACCIDENT YEAR BASIC LIMITS LOSS DEVELOPMENT EXCLUDING ALAE

Link Ratios

A.Y.E.	27: 15	39: 27	51: 39	63: 51	75: 63	87: 75	99: 87	111: 99	123:111	135:123	147:135
12/31/2000	1.592	1.273	1.131	1.007	0.996	0.996	0.982	1.007	1.009	1.000	1.013
12/31/2001	1.428	1.198	1.214	0.990	0.955	1.027	0.999	0.964	1.011	1.000	1.002
12/31/2002	1.592	1.087	1.316	0.926	0.927	1.009	1.029	1.022	1.015	1.001	1.003
12/31/2003	1.432	1.207	1.087	0.841	0.982	0.982	1.045	1.066	1.047	1.025	1.020
12/31/2004	1.506	1.354	1.241	0.903	0.994	1.013	0.974	1.009	1.016	1.039	1.043
12/31/2005	1.593	1.343	1.094	0.942	0.981	0.990	1.000	1.019	0.986	1.002	1.017
12/31/2006	1.542	1.120	1.094	1.086	0.976	1.033	1.000	1.001	1.021	0.993	1.000
12/31/2007	1.488	1.197	1.025	0.931	1.011	0.994	0.985	1.000	1.000	1.000	1.000
12/31/2008	1.062	1.252	1.087	0.878	0.933	1.045	0.972	1.006	0.990	1.000	1.000
12/31/2009	1.122	1.069	1.023	1.110	0.984	0.995	0.999	0.995	1.000	1.000	
12/31/2010	1.027	1.191	1.016	1.131	0.964	0.999	1.000	1.000	0.941		
12/31/2011	1.097	0.984	1.244	0.983	0.992	0.979	1.038	1.000			
12/31/2012	1.113	1.624	1.227	1.023	0.930	1.000	1.000				
12/31/2013	2.057	1.285	1.151	1.079	0.996	0.997					
12/31/2014	1.257	1.288	0.863	0.993	1.078						
12/31/2015	1.435	1.206	1.001	0.932							
12/31/2016	1.558	1.030	1.094								
12/31/2017	1.784	1.341									
12/31/2018	1.337										
3 Yr Mean	1.560	1.192	0.986	1.001	1.001	0.992	1.013	0.998	0.977	1.000	1.000
Best 3/5	1.443	1.260	1.082	1.000	0.984	0.997	1.000	1.000	0.997	1.000	1.006

A.Y.E.	159:147	171:159	183:171	195:183	207:195	219:207	231:219	243:231			
12/31/2000	1.007	1.035	1.013	1.014	1.007	1.016	1.015	1.010			
12/31/2001	1.001	1.015	1.005	1.011	1.000	1.000	0.997	1.000 *			
12/31/2002	1.001	1.033	1.017	0.994	1.000	1.000	1.000 *	1.000 *			
12/31/2003	1.077	1.049	1.018	1.018	1.026	1.002 *	1.000 *	1.000 *			
12/31/2004	1.047	1.013	1.027	1.008	1.009 *	1.002 *	1.000 *	1.000 *			
12/31/2005	0.999	1.000	1.000								
12/31/2006	1.000	1.000									
12/31/2007	1.000										
3 Yr Mean	1.000	1.004	1.015	1.007	1.009 @	1.005 @	1.006 @	1.010 @			
Best 3/5	1.016	1.015	1.013	1.011	1.005 *	1.001 *	1.000 *	1.000 *			

Development From

A.Y.E.	15/ 27	27/ 39	39/ 51	51/ 63	63/ 75	75/ 87	87/ 99	99/111	111/123	123/135	135/147
12/31/2015					0.984	0.997	1.000	1.000	0.997	1.000	1.006
12/31/2016				1.000	0.984	0.997	1.000	1.000	0.997	1.000	1.006
12/31/2017			1.082	1.000	0.984	0.997	1.000	1.000	0.997	1.000	1.006
12/31/2018		1.260	1.082	1.000	0.984	0.997	1.000	1.000	0.997	1.000	1.006
12/31/2019	1.443	1.260	1.082	1.000	0.984	0.997	1.000	1.000	0.997	1.000	1.006

A.Y.E.	147/159	159/171	171/183	183/195	195/207	207/219	219/231	231/243	243/Ult	FACTORS
12/31/2015	1.016	1.015	1.013	1.011	1.005	1.001	1.000	1.000	1.000*	1.045
12/31/2016	1.016	1.015	1.013	1.011	1.005	1.001	1.000	1.000	1.000*	1.045
12/31/2017	1.016	1.015	1.013	1.011	1.005	1.001	1.000	1.000	1.000*	1.131
12/31/2018	1.016	1.015	1.013	1.011	1.005	1.001	1.000	1.000	1.000*	1.425
12/31/2019	1.016	1.015	1.013	1.011	1.005	1.001	1.000	1.000	1.000*	2.057

* Calculated Using Modified Bondy Method

@ Three year mean Excludes Modified Bondy ratios

PREMISES/OPERATIONS (Subline Code 334)
MANUFACTURERS AND CONTRACTORS
FULL COVERAGE
MARYLAND
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>
12/31/2000	271,853	435,274	647,533	1,047,552	1,351,871	1,403,658	1,400,651	1,401,578	1,401,670	1,408,179	1,402,484
12/31/2001	374,582	180,674	437,983	906,513	1,201,159	1,404,104	1,457,667	1,479,456	1,532,909	1,532,954	1,532,960
12/31/2002	49,722	153,782	340,201	647,088	806,119	863,009	878,844	902,106	906,154	906,412	906,821
12/31/2003	89,875	446,582	743,696	921,682	1,168,376	1,276,738	1,341,449	1,347,163	1,353,474	1,357,449	1,358,600
12/31/2004	272,671	645,231	1,206,948	1,415,098	1,537,391	1,702,631	1,701,916	1,724,243	1,727,798	1,715,676	1,716,567
12/31/2005	127,954	351,538	847,796	1,366,519	1,841,905	1,855,689	1,918,389	1,952,235	1,965,227	1,961,534	1,961,661
12/31/2006	63,470	248,090	433,439	638,352	768,170	689,667	690,503	692,144	698,003	717,065	713,012
12/31/2007	91,962	382,841	562,737	1,016,931	1,350,871	1,350,631	1,540,060	1,544,094	1,544,094	1,544,094	1,544,094
12/31/2008	306,316	494,297	557,648	784,202	913,208	796,322	816,077	816,557	831,557	821,960	821,960
12/31/2009	280,011	294,070	309,849	668,200	717,686	749,566	753,980	754,583	754,583	754,583	754,583
12/31/2010	213,568	247,684	506,230	730,344	1,157,210	1,229,074	1,225,945	1,228,503	1,229,482	1,230,034	
12/31/2011	162,495	329,941	754,500	1,037,147	1,150,986	1,184,138	1,212,710	1,253,522	1,254,114		
12/31/2012	83,075	389,819	800,548	1,080,623	1,428,400	1,770,001	1,765,339	1,765,339			
12/31/2013	125,275	349,599	521,654	843,342	885,117	965,101	1,035,904				
12/31/2014	199,305	348,160	729,666	875,885	974,326	1,411,938					
12/31/2015	111,526	184,180	295,351	623,251	649,455						
12/31/2016	133,760	326,932	637,810	1,138,366							
12/31/2017	320,913	428,352	889,318								
12/31/2018	166,047	428,919									
12/31/2019	80,187										

<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>
12/31/2000	1,402,695	1,403,087	1,403,828	1,403,973	1,404,425	1,405,503	1,407,712	1,408,968	1,409,936
12/31/2001	1,533,029	1,533,070	1,533,285	1,533,508	1,533,738	1,533,896	1,533,922	1,533,945	
12/31/2002	907,445	907,495	907,806	911,827	912,692	912,704	912,742		
12/31/2003	1,359,674	1,360,346	1,361,131	1,363,823	1,365,159	1,366,329			
12/31/2004	1,717,640	1,720,456	1,722,740	1,724,630	1,726,174				
12/31/2005	1,962,142	1,962,830	1,962,847	1,962,865					
12/31/2006	713,012	713,012	713,012						
12/31/2007	1,544,094	1,544,094							
12/31/2008	821,953								

PREMISES/OPERATIONS (Subline Code 334)
MANUFACTURERS AND CONTRACTORS
FULL COVERAGE
MARYLAND
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>
12/31/2000	163,421	212,259	400,019	304,319	51,787	-3,007	927	92	6,509	-5,695	211	392	741
12/31/2001	-193,908	257,309	468,530	294,646	202,945	53,563	21,789	53,453	45	6	69	41	215
12/31/2002	104,060	186,419	306,887	159,031	56,890	15,835	23,262	4,048	258	409	624	50	311
12/31/2003	356,707	297,114	177,986	246,694	108,362	64,711	5,714	6,311	3,975	1,151	1,074	672	785
12/31/2004	372,560	561,717	208,150	122,293	165,240	-715	22,327	3,555	-12,122	891	1,073	2,816	2,284
12/31/2005	223,584	496,258	518,723	475,386	13,784	62,700	33,846	12,992	-3,693	127	481	688	17
12/31/2006	184,620	185,349	204,913	129,818	-78,503	836	1,641	5,859	19,062	-4,053	0	0	0
12/31/2007	290,879	179,896	454,194	333,940	-240	189,429	4,034	0	0	0	0	0	
12/31/2008	187,981	63,351	226,554	129,006	-116,886	19,755	480	15,000	-9,597	0	-7		
12/31/2009	14,059	15,779	358,351	49,486	31,880	4,414	603	0	0	0			
12/31/2010	34,116	258,546	224,114	426,866	71,864	-3,129	2,558	979	552				
12/31/2011	167,446	424,559	282,647	113,839	33,152	28,572	40,812	592					
12/31/2012	306,744	410,729	280,075	347,777	341,601	-4,662	0						
12/31/2013	224,324	172,055	321,688	41,775	79,984	70,803							
12/31/2014	148,855	381,506	146,219	98,441	437,612								
12/31/2015	72,654	111,171	327,900	26,204									
12/31/2016	193,172	310,878	500,556										
12/31/2017	107,439	460,966											
12/31/2018	262,872												

	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>
12/31/2000	0.0358	0.0465	0.0877	0.0667	0.0114	-0.0007	0.0002	0.0000	0.0014	-0.0012	0.0000	0.0001	0.0002
12/31/2001	-0.0377	0.0500	0.0911	0.0573	0.0394	0.0104	0.0042	0.0104	0.0000	0.0000	0.0000	0.0000	0.0000
12/31/2002	0.0484	0.0868	0.1429	0.0740	0.0265	0.0074	0.0108	0.0019	0.0001	0.0002	0.0003	0.0000	0.0001
12/31/2003	0.1008	0.0840	0.0503	0.0697	0.0306	0.0183	0.0016	0.0018	0.0011	0.0003	0.0003	0.0002	0.0002
12/31/2004	0.0750	0.1131	0.0419	0.0246	0.0333	-0.0001	0.0045	0.0007	-0.0024	0.0002	0.0002	0.0006	0.0005
12/31/2005	0.0516	0.1146	0.1197	0.1097	0.0032	0.0145	0.0078	0.0030	-0.0009	0.0000	0.0001	0.0002	0.0000
12/31/2006	0.0369	0.0370	0.0409	0.0259	-0.0157	0.0002	0.0003	0.0012	0.0038	-0.0008	0.0000	0.0000	0.0000
12/31/2007	0.0522	0.0323	0.0815	0.0599	0.0000	0.0340	0.0007	0.0000	0.0000	0.0000	0.0000	0.0000	
12/31/2008	0.0736	0.0248	0.0887	0.0505	-0.0458	0.0077	0.0002	0.0059	-0.0038	0.0000	0.0000		
12/31/2009	0.0049	0.0056	0.1261	0.0174	0.0112	0.0016	0.0002	0.0000	0.0000	0.0000			
12/31/2010	0.0086	0.0649	0.0562	0.1071	0.0180	-0.0008	0.0006	0.0002	0.0001				
12/31/2011	0.0288	0.0729	0.0485	0.0196	0.0057	0.0049	0.0070	0.0001					
12/31/2012	0.0580	0.0777	0.0530	0.0658	0.0646	-0.0009	0.0000						
12/31/2013	0.0643	0.0493	0.0922	0.0120	0.0229	0.0203							
12/31/2014	0.0354	0.0908	0.0348	0.0234	0.1042								
12/31/2015	0.0216	0.0331	0.0976	0.0078									
12/31/2016	0.0535	0.0861	0.1386										
12/31/2017	0.0309	0.1327											
12/31/2018	0.0659												

Best 3/5	0.0400	0.0754	0.0809	0.0183	0.0352	0.0019	0.0003	0.0001	0.0000	0.0000	0.0000	0.0001	0.0001
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PREMISES/OPERATIONS (Subline Code 334)
 MANUFACTURERS AND CONTRACTORS
 FULL COVERAGE
 MARYLAND
 PROPERTY DAMAGE - OCCURRENCE
 INCURRED ACCIDENT YEAR BASIC LIMITS LOSS DEVELOPMENT EXCLUDING ALAE

\$100,000 Basic Limit Losses as of:

A.Y.E.	15 Months	27 Months	39 Months	51 Months	63 Months	75 Months	87 Months	99 Months	111 Months	123 Months	135 Months
12/31/2000	4,387,181	4,710,148	4,951,098	5,183,078	5,197,495	5,191,139	5,179,039	5,179,039	5,179,039	5,184,039	5,179,039
12/31/2001	3,562,870	4,239,739	4,177,637	4,347,773	4,544,983	4,552,184	4,446,267	4,459,069	4,369,069	4,409,069	4,409,069
12/31/2002	2,892,316	3,643,154	3,732,462	3,741,453	4,111,323	4,083,062	4,147,490	4,061,064	4,060,064	4,055,064	4,052,194
12/31/2003	3,404,544	3,609,658	3,732,012	3,709,114	3,724,338	3,710,391	3,722,891	3,722,891	3,723,816	3,722,891	3,723,816
12/31/2004	3,142,313	4,058,231	4,230,601	4,220,005	4,262,259	4,322,555	4,366,185	4,373,185	4,448,185	4,382,185	4,432,185
12/31/2005	3,664,701	3,880,600	3,820,249	3,983,034	4,072,523	4,048,911	4,038,063	4,052,563	4,052,761	4,252,563	4,230,563
12/31/2006	3,683,421	4,199,628	3,997,745	4,131,123	4,168,491	4,230,519	4,233,879	4,233,879	4,233,879	4,233,879	4,233,879
12/31/2007	3,493,223	3,914,768	4,034,087	4,034,191	3,986,432	4,010,730	3,993,432	4,088,435	4,071,532	4,025,268	4,025,268
12/31/2008	3,628,391	4,452,091	4,558,343	4,632,278	4,850,282	4,910,927	4,904,482	4,899,982	4,912,482	4,899,982	4,899,982
12/31/2009	3,009,445	3,779,102	3,724,817	4,172,718	4,079,743	4,062,841	4,054,317	4,064,317	4,089,317	4,093,541	4,031,041
12/31/2010	3,816,665	4,072,712	4,401,305	4,680,139	4,552,243	4,554,925	4,554,922	4,555,922	4,554,917	4,554,917	
12/31/2011	4,294,977	4,486,943	4,677,538	4,638,032	4,511,521	4,577,521	4,581,521	4,546,521	4,560,248		
12/31/2012	3,861,326	4,712,243	4,397,689	4,378,704	4,473,999	4,467,715	4,521,346	4,596,501			
12/31/2013	3,446,384	3,476,761	3,584,426	3,816,947	3,919,249	3,910,249	3,795,249				
12/31/2014	3,766,210	4,113,432	4,162,847	4,493,493	4,645,160	4,636,504					
12/31/2015	2,877,220	3,541,008	3,518,696	3,626,677	3,619,177						
12/31/2016	3,825,803	4,064,855	4,278,474	4,426,356							
12/31/2017	3,585,069	4,314,985	4,286,188								
12/31/2018	4,629,086	5,030,868									
12/31/2019	3,996,404										

A.Y.E.	147 Months	159 Months	171 Months	183 Months	195 Months	207 Months	219 Months	231 Months	243 Months
12/31/2000	5,179,039	5,179,039	5,179,039	5,179,039	5,179,039	5,179,039	5,179,039	5,179,039	5,179,039
12/31/2001	4,409,069	4,411,569	4,410,835	4,410,835	4,410,835	4,410,835	4,410,835	4,410,835	
12/31/2002	4,052,203	4,052,203	4,075,814	4,075,814	4,075,814	4,075,814	4,075,814		
12/31/2003	3,723,816	3,722,891	3,722,891	3,722,891	3,722,891	3,722,891			
12/31/2004	4,502,313	4,491,992	4,409,028	4,383,362	4,382,185				
12/31/2005	4,205,573	4,205,563	4,205,563	4,205,855					
12/31/2006	4,233,879	4,233,879	4,234,375						
12/31/2007	4,030,268	4,070,268							
12/31/2008	4,900,329								

PREMISES/OPERATIONS (Subline Code 334)
MANUFACTURERS AND CONTRACTORS
FULL COVERAGE
MARYLAND

PROPERTY DAMAGE - OCCURRENCE
INCURRED ACCIDENT YEAR BASIC LIMITS LOSS DEVELOPMENT EXCLUDING ALAE

A.Y.E.	27: 15	39: 27	51: 39	63: 51	75: 63	87: 75	99: 87	111: 99	123:111	135:123	147:135
12/31/2000	1.074	1.051	1.047	1.003	0.999	0.998	1.000	1.000	1.001	0.999	1.000
12/31/2001	1.190	0.985	1.041	1.045	1.002	0.977	1.003	0.980	1.009	1.000	1.000
12/31/2002	1.260	1.025	1.002	1.099	0.993	1.016	0.979	1.000	0.999	0.999	1.000
12/31/2003	1.060	1.034	0.994	1.004	0.996	1.003	1.000	1.000	1.000	1.000	1.000
12/31/2004	1.291	1.042	0.997	1.010	1.014	1.010	1.002	1.017	0.985	1.011	1.016
12/31/2005	1.059	0.984	1.043	1.022	0.994	0.997	1.004	1.000	1.049	0.995	0.994
12/31/2006	1.140	0.952	1.033	1.009	1.015	1.001	1.000	1.000	1.000	1.000	1.000
12/31/2007	1.121	1.030	1.000	0.988	1.006	0.996	1.024	0.996	0.989	1.000	1.001
12/31/2008	1.227	1.024	1.016	1.047	1.013	0.999	0.999	1.003	0.997	1.000	1.000
12/31/2009	1.256	0.986	1.120	0.978	0.996	0.998	1.002	1.006	1.001	0.985	
12/31/2010	1.067	1.081	1.063	0.973	1.001	1.000	1.000	1.000	1.000		
12/31/2011	1.045	1.042	0.992	0.973	1.015	1.001	0.992	1.003			
12/31/2012	1.220	0.933	0.996	1.022	0.999	1.012	1.017				
12/31/2013	1.009	1.031	1.065	1.027	0.998	0.971					
12/31/2014	1.092	1.012	1.079	1.034	0.998						
12/31/2015	1.231	0.994	1.031	0.998							
12/31/2016	1.062	1.053	1.035								
12/31/2017	1.204	0.993									
12/31/2018	1.087										
3 Yr Mean	1.118	1.013	1.048	1.020	0.998	0.995	1.003	1.003	0.999	0.995	1.000
Best 3/5	1.128	1.012	1.044	1.016	0.999	1.000	1.000	1.002	0.999	0.998	1.000

A.Y.E.	159:147	171:159	183:171	195:183	207:195	219:207	231:219	243:231			
12/31/2000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000			
12/31/2001	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000 *			
12/31/2002	1.000	1.006	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	0.998	0.982	0.994	1.000	1.000 *	1.000 *	1.000 *	1.000 *			
12/31/2005	1.000	1.000	1.000								
12/31/2006	1.000	1.000									
12/31/2007	1.010										
3 Yr Mean	1.003	0.994	0.998	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 *			

A.Y.E.	15/ 27	27/ 39	39/ 51	51/ 63	63/ 75	75/ 87	87/ 99	99/111	111/123	123/135	135/147
12/31/2015					0.999	1.000	1.000	1.002	0.999	0.998	1.000
12/31/2016				1.016	0.999	1.000	1.000	1.002	0.999	0.998	1.000
12/31/2017			1.044	1.016	0.999	1.000	1.000	1.002	0.999	0.998	1.000
12/31/2018		1.012	1.044	1.016	0.999	1.000	1.000	1.002	0.999	0.998	1.000
12/31/2019	1.128	1.012	1.044	1.016	0.999	1.000	1.000	1.002	0.999	0.998	1.000

A.Y.E.	147/159	159/171	171/183	183/195	195/207	207/219	219/231	231/243	243/Ult	FACTORS
12/31/2015	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000*	0.998
12/31/2016	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000*	1.014
12/31/2017	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000*	1.059
12/31/2018	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000*	1.071
12/31/2019	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000*	1.208

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

PREMISES/OPERATIONS (Subline Code 334)
MANUFACTURERS AND CONTRACTORS
FULL COVERAGE
MARYLAND
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>
12/31/2000	228,768	268,068	430,218	789,024	810,318	729,063	710,116	740,875	741,181	742,625	743,699
12/31/2001	107,745	226,519	420,819	695,537	864,719	898,345	887,245	881,792	881,880	881,880	881,880
12/31/2002	79,187	243,365	361,604	654,100	1,232,182	1,826,528	1,832,827	1,926,045	1,958,264	1,964,249	1,973,794
12/31/2003	246,760	378,044	456,371	548,612	758,769	760,610	776,088	776,088	776,458	776,088	776,458
12/31/2004	158,469	372,598	464,472	603,696	799,984	819,127	862,272	871,579	875,723	938,582	937,661
12/31/2005	64,946	109,017	187,790	286,662	381,301	449,081	546,353	557,217	570,264	655,761	777,118
12/31/2006	182,586	157,564	161,187	221,953	268,551	290,240	295,517	295,517	295,517	295,517	295,879
12/31/2007	683,536	656,275	723,843	821,785	503,332	493,806	498,165	567,251	590,963	595,477	598,399
12/31/2008	86,171	215,319	293,476	400,213	555,319	567,600	566,386	566,386	566,386	566,386	566,386
12/31/2009	160,192	219,067	458,528	1,404,514	1,613,449	1,698,287	1,748,331	1,779,055	1,792,646	1,775,979	1,805,571
12/31/2010	253,944	326,807	527,882	782,334	891,124	916,481	919,848	919,848	919,848	919,848	
12/31/2011	377,665	486,774	658,484	779,828	886,228	896,522	919,089	949,889	997,333		
12/31/2012	304,080	626,205	719,375	841,762	807,578	863,058	871,004	893,264			
12/31/2013	214,997	198,774	262,812	426,162	593,049	641,137	563,730				
12/31/2014	920,818	1,270,516	642,177	1,204,789	1,586,481	1,642,693					
12/31/2015	257,361	425,840	465,115	528,180	550,638						
12/31/2016	241,583	398,825	788,873	780,841							
12/31/2017	340,160	499,693	762,412								
12/31/2018	630,209	681,932									
12/31/2019	477,839										

<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>
12/31/2000	743,699	743,699	743,699	743,699	743,699	743,699	743,699	743,699	743,699
12/31/2001	881,880	881,880	881,880	881,880	881,880	881,880	881,880	881,880	
12/31/2002	1,975,517	1,987,496	1,995,442	1,995,442	1,995,442	1,995,442	1,995,442		
12/31/2003	776,458	776,088	776,088	776,088	776,088	776,088			
12/31/2004	938,173	938,173	938,173	938,173	938,173				
12/31/2005	902,232	1,034,529	1,034,529	1,034,529					
12/31/2006	295,879	295,879	316,295						
12/31/2007	598,625	661,669							
12/31/2008	566,386								

PREMISES/OPERATIONS (Subline Code 334)
MANUFACTURERS AND CONTRACTORS
FULL COVERAGE
MARYLAND
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>
12/31/2000	39,300	162,150	358,806	21,294	-81,255	-18,947	30,759	306	1,444	1,074	0	0	0
12/31/2001	118,774	194,300	274,718	169,182	33,626	-11,100	-5,453	88	0	0	0	0	0
12/31/2002	164,178	118,239	292,496	578,082	594,346	6,299	93,218	32,219	5,985	9,545	1,723	11,979	7,946
12/31/2003	131,284	78,327	92,241	210,157	1,841	15,478	0	370	-370	370	0	-370	0
12/31/2004	214,129	91,874	139,224	196,288	19,143	43,145	9,307	4,144	62,859	-921	512	0	0
12/31/2005	44,071	78,773	98,872	94,639	67,780	97,272	10,864	13,047	85,497	121,357	125,114	132,297	0
12/31/2006	-25,022	3,623	60,766	46,598	21,689	5,277	0	0	0	362	0	0	20,416
12/31/2007	-27,261	67,568	97,942	-318,453	-9,526	4,359	69,086	23,712	4,514	2,922	226	63,044	
12/31/2008	129,148	78,157	106,737	155,106	12,281	-1,214	0	0	0	0	0		
12/31/2009	58,875	239,461	945,986	208,935	84,838	50,044	30,724	13,591	-16,667	29,592			
12/31/2010	72,863	201,075	254,452	108,790	25,357	3,367	0	0	0				
12/31/2011	109,109	171,710	121,344	106,400	10,294	22,567	30,800	47,444					
12/31/2012	322,125	93,170	122,387	-34,184	55,480	7,946	22,260						
12/31/2013	-16,223	64,038	163,350	166,887	48,088	-77,407							
12/31/2014	349,698	-628,339	562,612	381,692	56,212								
12/31/2015	168,479	39,275	63,065	22,458									
12/31/2016	157,242	390,048	-8,032										
12/31/2017	159,533	262,719											
12/31/2018	51,723												

	Incremental Percentages												
A.Y.E.	27: 15	39: 27	51: 39	63: 51	75: 63	87: 75	99: 87	111: 99	123: 111	135: 123	147: 135	159:147	171:159
12/31/2000	0.0058	0.0241	0.0532	0.0032	-0.0121	-0.0028	0.0046	0.0000	0.0002	0.0002	0.0000	0.0000	0.0000
12/31/2001	0.0246	0.0402	0.0569	0.0350	0.0070	-0.0023	-0.0011	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12/31/2002	0.0309	0.0223	0.0551	0.1090	0.1120	0.0012	0.0176	0.0061	0.0011	0.0018	0.0003	0.0023	0.0015
12/31/2003	0.0278	0.0166	0.0195	0.0445	0.0004	0.0033	0.0000	0.0001	-0.0001	0.0001	0.0000	-0.0001	0.0000
12/31/2004	0.0376	0.0161	0.0245	0.0345	0.0034	0.0076	0.0016	0.0007	0.0110	-0.0002	0.0001	0.0000	0.0000
12/31/2005	0.0089	0.0158	0.0199	0.0190	0.0136	0.0195	0.0022	0.0026	0.0172	0.0244	0.0251	0.0266	0.0000
12/31/2006	-0.0055	0.0008	0.0133	0.0102	0.0047	0.0012	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0045
12/31/2007	-0.0056	0.0139	0.0201	-0.0653	-0.0020	0.0009	0.0142	0.0049	0.0009	0.0006	0.0000	0.0129	
12/31/2008	0.0224	0.0135	0.0185	0.0269	0.0021	-0.0002	0.0000	0.0000	0.0000	0.0000	0.0000		
12/31/2009	0.0125	0.0507	0.2002	0.0442	0.0180	0.0106	0.0065	0.0029	-0.0035	0.0063			
12/31/2010	0.0119	0.0330	0.0417	0.0178	0.0042	0.0006	0.0000	0.0000	0.0000				
12/31/2011	0.0195	0.0308	0.0217	0.0191	0.0018	0.0040	0.0055	0.0085					
12/31/2012	0.0540	0.0156	0.0205	-0.0057	0.0093	0.0013	0.0037						
12/31/2013	-0.0033	0.0130	0.0330	0.0338	0.0097	-0.0157							
12/31/2014	0.0554	-0.0996	0.0892	0.0605	0.0089								
12/31/2015	0.0392	0.0091	0.0147	0.0052									
12/31/2016	0.0259	0.0642	-0.0013										
12/31/2017	0.0238	0.0392											
12/31/2018	0.0069												

Best 3/5	0.0296	0.0204	0.0227	0.0194	0.0075	0.0020	0.0031	0.0026	0.0000	0.0023	0.0000	0.0043	0.0005
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PREMISES/OPERATIONS (Subline Code 334)
OWNERS, LANDLORDS AND TENANTS
FULL COVERAGE
MARYLAND
BODILY INJURY - OCCURRENCE
INCURRED ACCIDENT YEAR BASIC LIMITS LOSS DEVELOPMENT EXCLUDING ALAE

\$100,000 Basic Limit Losses as of:

A.Y.E.	15 Months	27 Months	39 Months	51 Months	63 Months	75 Months	87 Months	99 Months	111 Months	123 Months	135 Months
12/31/2000	4,710,466	5,339,536	5,417,088	6,020,681	5,675,113	5,664,407	5,712,326	5,836,056	5,910,056	5,985,056	6,010,056
12/31/2001	3,587,761	4,075,514	4,649,515	5,490,006	4,934,035	4,687,453	4,650,524	4,621,740	4,581,740	4,581,740	4,581,740
12/31/2002	4,025,056	4,822,557	6,013,914	6,715,379	6,553,584	6,500,126	6,507,425	6,504,925	6,504,925	6,504,258	6,543,269
12/31/2003	4,738,612	5,481,276	6,003,332	6,254,263	5,699,080	5,712,183	5,719,683	5,839,557	5,839,557	5,849,568	5,842,057
12/31/2004	4,369,572	4,932,467	4,763,342	5,580,795	5,273,159	5,200,071	5,078,913	5,071,570	5,073,332	5,065,820	5,073,063
12/31/2005	5,557,258	5,896,449	6,299,886	7,118,247	6,918,940	6,832,221	6,722,221	6,744,032	6,641,521	6,641,521	6,641,521
12/31/2006	5,176,856	4,737,636	4,747,062	4,794,674	4,870,337	4,761,140	4,761,140	4,761,140	4,871,140	4,871,140	4,871,140
12/31/2007	5,962,982	6,194,565	6,693,057	6,642,847	6,340,182	6,175,182	6,175,182	6,186,182	6,220,172	6,190,172	6,190,172
12/31/2008	5,627,476	6,024,257	6,338,965	6,437,521	6,494,222	6,505,094	6,506,094	6,460,094	6,460,094	6,460,094	6,460,094
12/31/2009	5,800,966	6,469,725	6,808,040	6,899,714	6,849,492	6,860,409	6,877,313	6,852,312	6,777,312	6,777,287	6,777,291
12/31/2010	6,216,375	7,722,002	9,110,450	8,463,087	8,656,806	8,731,119	8,656,319	8,616,319	8,616,319	8,566,319	
12/31/2011	8,150,990	9,255,999	10,163,296	10,139,843	10,148,102	10,046,468	10,003,781	10,008,835	9,999,434		
12/31/2012	5,580,679	6,613,222	7,063,924	7,379,238	7,280,236	7,230,315	7,260,353	7,255,553			
12/31/2013	5,146,879	5,562,941	6,464,569	7,394,932	7,579,231	7,862,500	7,818,853				
12/31/2014	6,838,082	7,318,117	7,758,459	8,264,725	8,382,633	8,464,013					
12/31/2015	7,273,447	7,757,686	8,314,901	8,710,608	8,253,091						
12/31/2016	7,916,646	9,162,711	9,754,763	9,561,231							
12/31/2017	7,277,503	7,869,834	8,763,176								
12/31/2018	7,863,496	8,858,529									
12/31/2019	5,860,312										

A.Y.E.	147 Months	159 Months	171 Months	183 Months	195 Months	207 Months	219 Months	231 Months	243 Months
12/31/2000	6,010,056	6,017,556	6,010,056	6,010,056	6,010,056	6,010,056	6,010,056	6,010,056	6,010,056
12/31/2001	4,588,311	4,580,811	4,580,811	4,583,311	4,568,311	4,568,311	4,568,311	4,568,311	
12/31/2002	6,533,258	6,533,258	6,483,258	6,483,258	6,483,258	6,483,258	6,483,258		
12/31/2003	5,842,057	5,742,057	5,742,057	5,742,057	5,742,057	5,742,057			
12/31/2004	5,073,063	5,073,063	5,073,063	5,073,063	5,073,163				
12/31/2005	6,641,521	6,641,521	6,641,521	6,641,521					
12/31/2006	4,871,140	4,871,140	4,871,140						
12/31/2007	6,190,172	6,190,172							
12/31/2008	6,460,094								

PREMISES/OPERATIONS (Subline Code 334)
OWNERS, LANDLORDS AND TENANTS
FULL COVERAGE
MARYLAND

BODILY INJURY - OCCURRENCE

INCURRED ACCIDENT YEAR BASIC LIMITS LOSS DEVELOPMENT EXCLUDING ALAE

Link Ratios

A.Y.E.	27: 15	39: 27	51: 39	63: 51	75: 63	87: 75	99: 87	111: 99	123:111	135:123	147:135
12/31/2000	1.134	1.015	1.111	0.943	0.998	1.008	1.022	1.013	1.013	1.004	1.000
12/31/2001	1.136	1.141	1.181	0.899	0.950	0.992	0.994	0.991	1.000	1.000	1.001
12/31/2002	1.198	1.247	1.117	0.976	0.992	1.001	1.000	1.000	1.000	1.006	0.998
12/31/2003	1.157	1.095	1.042	0.911	1.002	1.001	1.021	1.000	1.002	0.999	1.000
12/31/2004	1.129	0.966	1.172	0.945	0.986	0.977	0.999	1.000	0.999	1.001	1.000
12/31/2005	1.061	1.068	1.130	0.972	0.987	0.984	1.003	0.985	1.000	1.000	1.000
12/31/2006	0.915	1.002	1.010	1.016	0.978	1.000	1.000	1.023	1.000	1.000	1.000
12/31/2007	1.039	1.080	0.992	0.954	0.974	1.000	1.002	1.005	0.995	1.000	1.000
12/31/2008	1.071	1.052	1.016	1.009	1.002	1.000	0.993	1.000	1.000	1.000	1.000
12/31/2009	1.115	1.052	1.013	0.993	1.002	1.002	0.996	0.989	1.000	1.000	
12/31/2010	1.242	1.180	0.929	1.023	1.009	0.991	0.995	1.000	0.994		
12/31/2011	1.136	1.098	0.998	1.001	0.990	0.996	1.001	0.999			
12/31/2012	1.185	1.068	1.045	0.987	0.993	1.004	0.999				
12/31/2013	1.081	1.162	1.144	1.025	1.037	0.994					
12/31/2014	1.070	1.060	1.065	1.014	1.010						
12/31/2015	1.067	1.072	1.048	0.947							
12/31/2016	1.157	1.065	0.980								
12/31/2017	1.081	1.114									
12/31/2018	1.127										

3 Yr Mean 1.122 1.084 1.031 0.995 1.013 0.998 0.998 0.996 0.998 1.000 1.000

Best 3/5 1.093 1.084 1.053 1.001 1.004 0.997 0.997 1.000 0.998 1.000 1.000

A.Y.E.	159:147	171:159	183:171	195:183	207:195	219:207	231:219	243:231
12/31/2000	1.001	0.999	1.000	1.000	1.000	1.000	1.000	1.000
12/31/2001	0.998	1.000	1.001	0.997	1.000	1.000	1.000	1.000 *
12/31/2002	1.000	0.992	1.000	1.000	1.000	1.000	1.000 *	1.000 *
12/31/2003	0.983	1.000	1.000	1.000	1.000	1.000 *	1.000 *	1.000 *
12/31/2004	1.000	1.000	1.000	1.000	1.000 *	1.000 *	1.000 *	1.000 *
12/31/2005	1.000	1.000	1.000					
12/31/2006	1.000	1.000						
12/31/2007	1.000							

3 Yr Mean 1.000 1.000 1.000 1.000 1.000 @ 1.000 @ 1.000 @ 1.000 @

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

Development From

A.Y.E.	15/ 27	27/ 39	39/ 51	51/ 63	63/ 75	75/ 87	87/ 99	99/111	111/123	123/135	135/147
12/31/2015					1.004	0.997	0.997	1.000	0.998	1.000	1.000
12/31/2016				1.001	1.004	0.997	0.997	1.000	0.998	1.000	1.000
12/31/2017			1.053	1.001	1.004	0.997	0.997	1.000	0.998	1.000	1.000
12/31/2018		1.084	1.053	1.001	1.004	0.997	0.997	1.000	0.998	1.000	1.000
12/31/2019	1.093	1.084	1.053	1.001	1.004	0.997	0.997	1.000	0.998	1.000	1.000

A.Y.E.	147/159	159/171	171/183	183/195	195/207	207/219	219/231	231/243	243/Ult	FACTORS
12/31/2015	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000*	0.996
12/31/2016	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000*	0.997
12/31/2017	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000*	1.050
12/31/2018	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000*	1.138
12/31/2019	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000*	1.244

* Calculated Using Modified Bondy Method

@ Three year mean Excludes Modified Bondy ratios

PREMISES/OPERATIONS (Subline Code 334)
OWNERS, LANDLORDS AND TENANTS
FULL COVERAGE
MARYLAND
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>
12/31/2000	620,629	884,415	993,605	1,849,092	2,185,215	2,438,112	2,689,510	2,856,797	2,908,940	2,947,289	2,947,459
12/31/2001	333,427	540,660	851,293	1,354,821	1,278,814	1,300,666	1,334,707	1,377,175	1,378,645	1,458,665	1,458,698
12/31/2002	534,971	758,418	1,148,554	1,524,410	2,133,728	2,197,362	2,170,719	2,177,829	2,181,765	2,187,622	2,196,267
12/31/2003	518,822	912,669	1,013,927	1,699,140	1,867,438	1,849,178	1,863,264	1,869,376	1,869,405	1,869,400	1,869,419
12/31/2004	330,902	624,113	710,802	2,514,771	3,019,704	3,264,836	3,258,073	3,283,073	3,292,417	3,292,426	3,292,430
12/31/2005	454,352	1,556,118	869,767	1,505,579	1,671,470	1,736,543	1,661,931	1,695,280	1,661,334	1,661,818	1,661,818
12/31/2006	428,746	639,914	911,155	1,252,755	1,477,691	1,552,443	1,547,391	1,550,973	1,550,998	1,550,998	1,550,998
12/31/2007	413,630	1,232,563	1,777,196	2,559,562	2,852,137	2,870,525	2,797,875	2,812,587	2,771,502	2,795,144	2,795,144
12/31/2008	431,244	528,141	861,086	1,648,606	1,673,708	1,646,839	1,649,087	1,635,230	1,635,230	1,636,793	1,636,824
12/31/2009	1,073,333	1,554,912	2,311,925	3,128,156	3,195,150	3,332,300	3,291,920	3,292,710	3,292,140	3,292,140	3,285,030
12/31/2010	964,627	1,545,737	2,165,699	2,893,357	3,271,350	3,311,375	3,325,428	3,323,188	3,325,113	3,334,459	
12/31/2011	1,317,544	1,793,739	3,096,519	3,806,315	4,271,125	4,333,088	4,376,147	4,504,753	4,495,097		
12/31/2012	767,148	1,140,219	1,399,440	1,628,748	1,905,153	1,949,593	1,890,473	1,882,312			
12/31/2013	829,152	930,688	1,881,121	2,612,829	2,764,349	3,072,581	3,179,744				
12/31/2014	1,433,809	1,747,118	2,342,139	2,793,025	3,154,333	3,300,682					
12/31/2015	1,355,994	1,999,087	2,144,564	2,657,377	2,727,430						
12/31/2016	1,825,247	3,000,291	3,730,138	5,306,704							
12/31/2017	1,186,816	1,426,920	1,766,610								
12/31/2018	1,485,705	1,951,225									
12/31/2019	849,650										

<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>
12/31/2000	2,947,459	2,947,459	2,947,459	2,947,459	2,947,459	2,947,459	2,947,459	2,947,459	2,947,459
12/31/2001	1,458,085	1,456,069	1,456,222	1,456,698	1,430,539	1,430,539	1,430,539	1,430,542	
12/31/2002	2,196,627	2,199,218	2,199,428	2,199,428	2,199,428	2,199,428	2,199,428		
12/31/2003	1,869,421	1,869,423	1,869,424	1,869,424	1,869,424	1,869,436			
12/31/2004	3,292,430	3,292,430	3,292,430	3,292,430	3,292,430				
12/31/2005	1,661,818	1,661,818	1,661,818	1,661,818					
12/31/2006	1,550,998	1,550,998	1,550,998						
12/31/2007	2,795,144	2,795,144							
12/31/2008	1,636,824								

PREMISES/OPERATIONS (Subline Code 334)
OWNERS, LANDLORDS AND TENANTS
FULL COVERAGE
MARYLAND
BODILY INJURY - OCCURRENCE
INCURRED ACCIDENT YEAR INCREMENTAL ALAE DEVELOPMENT

	Increments												
A.Y.E.	27: 15	39: 27	51: 39	63: 51	75: 63	87: 75	99: 87	111: 99	123: 111	135: 123	147: 135	159:147	171:159
12/31/2000	263,786	109,190	855,487	336,123	252,897	251,398	167,287	52,143	38,349	170	0	0	0
12/31/2001	207,233	310,633	503,528	-76,007	21,852	34,041	42,468	1,470	80,020	33	-613	-2,016	153
12/31/2002	223,447	390,136	375,856	609,318	63,634	-26,643	7,110	3,936	5,857	8,645	360	2,591	210
12/31/2003	393,847	101,258	685,213	168,298	-18,260	14,086	6,112	29	-5	19	2	2	1
12/31/2004	293,211	86,689	1,803,969	504,933	245,132	-6,763	25,000	9,344	9	4	0	0	0
12/31/2005	1,101,766	-686,351	635,812	165,891	65,073	-74,612	33,349	-33,946	484	0	0	0	0
12/31/2006	211,168	271,241	341,600	224,936	74,752	-5,052	3,582	25	0	0	0	0	0
12/31/2007	818,933	544,633	782,366	292,575	18,388	-72,650	14,712	-41,085	23,642	0	0	0	
12/31/2008	96,897	332,945	787,520	25,102	-26,869	2,248	-13,857	0	1,563	31	0		
12/31/2009	481,579	757,013	816,231	66,994	137,150	-40,380	790	-570	0	-7,110			
12/31/2010	581,110	619,962	727,658	377,993	40,025	14,053	-2,240	1,925	9,346				
12/31/2011	476,195	1,302,780	709,796	464,810	61,963	43,059	128,606	-9,656					
12/31/2012	373,071	259,221	229,308	276,405	44,440	-59,120	-8,161						
12/31/2013	101,536	950,433	731,708	151,520	308,232	107,163							
12/31/2014	313,309	595,021	450,886	361,308	146,349								
12/31/2015	643,093	145,477	512,813	70,053									
12/31/2016	1,175,044	729,847	1,576,566										
12/31/2017	240,104	339,690											
12/31/2018	465,520												

	Incremental Percentages												
A.Y.E.	27: 15	39: 27	51: 39	63: 51	75: 63	87: 75	99: 87	111: 99	123: 111	135: 123	147: 135	159:147	171:159
12/31/2000	0.0328	0.0136	0.1063	0.0417	0.0314	0.0312	0.0208	0.0065	0.0048	0.0000	0.0000	0.0000	0.0000
12/31/2001	0.0369	0.0552	0.0896	-0.0135	0.0039	0.0061	0.0076	0.0003	0.0142	0.0000	-0.0001	-0.0004	0.0000
12/31/2002	0.0212	0.0370	0.0356	0.0577	0.0060	-0.0025	0.0007	0.0004	0.0006	0.0008	0.0000	0.0002	0.0000
12/31/2003	0.0478	0.0123	0.0832	0.0204	-0.0022	0.0017	0.0007	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12/31/2004	0.0419	0.0124	0.2581	0.0722	0.0351	-0.0010	0.0036	0.0013	0.0000	0.0000	0.0000	0.0000	0.0000
12/31/2005	0.1187	-0.0739	0.0685	0.0179	0.0070	-0.0080	0.0036	-0.0037	0.0001	0.0000	0.0000	0.0000	0.0000
12/31/2006	0.0299	0.0384	0.0484	0.0319	0.0106	-0.0007	0.0005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12/31/2007	0.0994	0.0661	0.0949	0.0355	0.0022	-0.0088	0.0018	-0.0050	0.0029	0.0000	0.0000	0.0000	
12/31/2008	0.0107	0.0368	0.0871	0.0028	-0.0030	0.0002	-0.0015	0.0000	0.0002	0.0000	0.0000		
12/31/2009	0.0460	0.0723	0.0780	0.0064	0.0131	-0.0039	0.0001	-0.0001	0.0000	-0.0007			
12/31/2010	0.0460	0.0491	0.0576	0.0299	0.0032	0.0011	-0.0002	0.0002	0.0007				
12/31/2011	0.0335	0.0916	0.0499	0.0327	0.0044	0.0030	0.0090	-0.0007					
12/31/2012	0.0369	0.0257	0.0227	0.0274	0.0044	-0.0059	-0.0008						
12/31/2013	0.0078	0.0728	0.0561	0.0116	0.0236	0.0082							
12/31/2014	0.0259	0.0491	0.0372	0.0298	0.0121								
12/31/2015	0.0518	0.0117	0.0413	0.0056									
12/31/2016	0.0851	0.0529	0.1142										
12/31/2017	0.0187	0.0265											
12/31/2018	0.0342												

Best 3/5	0.0373	0.0428	0.0449	0.0229	0.0069	0.0001	-0.0003	-0.0002	0.0003	0.0000	0.0000	0.0000	0.0000
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PREMISES/OPERATIONS (Subline Code 334)
OWNERS, LANDLORDS AND TENANTS
FULL COVERAGE
MARYLAND
PROPERTY DAMAGE - OCCURRENCE
INCURRED ACCIDENT YEAR BASIC LIMITS LOSS DEVELOPMENT EXCLUDING ALAE

\$100,000 Basic Limit Losses as of:

A.Y.E.	15 Months	27 Months	39 Months	51 Months	63 Months	75 Months	87 Months	99 Months	111 Months	123 Months	135 Months
12/31/2000	643,188	793,821	771,695	821,235	842,146	842,143	842,143	842,143	842,143	842,143	842,143
12/31/2001	597,480	595,065	556,090	554,077	562,630	562,630	562,630	562,630	562,630	562,630	562,630
12/31/2002	700,504	635,790	646,005	645,604	616,504	616,504	623,403	623,403	620,004	630,004	620,004
12/31/2003	1,264,853	1,173,620	1,234,562	1,282,663	1,481,863	1,483,827	1,446,326	1,449,826	1,449,826	1,399,826	1,399,826
12/31/2004	982,561	900,388	693,491	658,958	609,459	608,526	608,526	607,526	607,526	607,526	607,526
12/31/2005	588,152	635,771	663,607	701,236	632,697	632,697	632,697	632,697	632,697	632,697	632,697
12/31/2006	843,346	785,623	879,401	878,418	840,561	833,061	833,061	833,986	836,593	836,593	836,593
12/31/2007	617,703	679,548	561,261	627,299	608,149	608,050	575,549	575,549	575,549	575,549	575,549
12/31/2008	981,892	1,021,601	1,121,841	1,069,968	1,046,872	1,000,918	1,112,618	1,012,618	1,012,618	1,000,918	1,000,918
12/31/2009	710,117	663,167	806,659	717,145	751,144	867,780	867,780	867,780	909,623	909,623	909,623
12/31/2010	824,164	1,090,180	1,071,479	1,200,838	1,222,566	1,218,914	1,237,989	1,309,442	1,309,442	1,309,442	
12/31/2011	912,150	928,600	841,803	881,203	737,167	737,066	828,770	828,770	828,770		
12/31/2012	714,272	898,737	875,008	811,232	800,369	842,619	841,910	852,910			
12/31/2013	1,101,794	661,716	990,378	1,129,519	1,121,069	1,079,270	1,014,070				
12/31/2014	989,487	856,285	969,499	986,549	1,072,798	1,080,705					
12/31/2015	1,245,293	1,174,881	1,139,568	1,167,633	1,214,302						
12/31/2016	758,083	908,254	889,146	855,137							
12/31/2017	840,364	1,069,725	1,340,095								
12/31/2018	1,446,831	1,358,110									
12/31/2019	1,235,104										

A.Y.E.	147 Months	159 Months	171 Months	183 Months	195 Months	207 Months	219 Months	231 Months	243 Months
12/31/2000	842,143	842,143	842,143	842,143	842,143	842,143	842,143	840,625	840,625
12/31/2001	562,630	562,630	562,630	562,630	562,630	562,630	562,630	562,630	
12/31/2002	620,004	620,004	620,004	620,004	620,004	620,004	620,004		
12/31/2003	1,402,931	1,402,931	1,402,931	1,402,931	1,402,931	1,402,931			
12/31/2004	607,526	607,526	607,526	607,526	607,526				
12/31/2005	632,697	632,697	632,697	632,697					
12/31/2006	836,593	836,593	836,593						
12/31/2007	575,549	575,549							
12/31/2008	1,000,918								

PREMISES/OPERATIONS (Subline Code 334)
OWNERS, LANDLORDS AND TENANTS
FULL COVERAGE
MARYLAND

PROPERTY DAMAGE - OCCURRENCE
INCURRED ACCIDENT YEAR BASIC LIMITS LOSS DEVELOPMENT EXCLUDING ALAE
Link Ratios

A.Y.E.	27: 15	39: 27	51: 39	63: 51	75: 63	87: 75	99: 87	111: 99	123:111	135:123	147:135
12/31/2000	1.234	0.972	1.064	1.025	1.000	1.000	1.000	1.000	1.000	1.000	1.000
12/31/2001	0.996	0.935	0.996	1.015	1.000	1.000	1.000	1.000	1.000	1.000	1.000
12/31/2002	0.908	1.016	0.999	0.955	1.000	1.011	1.000	0.995	1.016	0.984	1.000
12/31/2003	0.928	1.052	1.039	1.155	1.001	0.975	1.002	1.000	0.966	1.000	1.002
12/31/2004	0.916	0.770	0.950	0.925	0.998	1.000	0.998	1.000	1.000	1.000	1.000
12/31/2005	1.081	1.044	1.057	0.902	1.000	1.000	1.000	1.000	1.000	1.000	1.000
12/31/2006	0.932	1.119	0.999	0.957	0.991	1.000	1.001	1.003	1.000	1.000	1.000
12/31/2007	1.100	0.826	1.118	0.969	1.000	0.947	1.000	1.000	1.000	1.000	1.000
12/31/2008	1.040	1.098	0.954	0.978	0.956	1.112	0.910	1.000	0.988	1.000	1.000
12/31/2009	0.934	1.216	0.889	1.047	1.155	1.000	1.000	1.048	1.000	1.000	
12/31/2010	1.323	0.983	1.121	1.018	0.997	1.016	1.058	1.000	1.000		
12/31/2011	1.018	0.907	1.047	0.837	1.000	1.124	1.000	1.000			
12/31/2012	1.258	0.974	0.927	0.987	1.053	0.999	1.013				
12/31/2013	0.601	1.497	1.140	0.993	0.963	0.940					
12/31/2014	0.865	1.132	1.018	1.087	1.007						
12/31/2015	0.943	0.970	1.025	1.040							
12/31/2016	1.198	0.979	0.962								
12/31/2017	1.273	1.253									
12/31/2018	0.939										

3 Yr Mean 1.137 1.067 1.002 1.040 1.008 1.021 1.024 1.016 0.996 1.000 1.000

Best 3/5 1.027 1.121 1.002 1.007 1.001 1.005 1.004 1.000 1.000 1.000 1.000

A.Y.E.	159:147	171:159	183:171	195:183	207:195	219:207	231:219	243:231
12/31/2000	1.000	1.000	1.000	1.000	1.000	1.000	0.998	1.000
12/31/2001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000 *
12/31/2002	1.000	1.000	1.000	1.000	1.000	1.000	1.000 *	1.000 *
12/31/2003	1.000	1.000	1.000	1.000	1.000	1.000 *	1.000 *	1.000 *
12/31/2004	1.000	1.000	1.000	1.000	1.000 *	1.000 *	1.000 *	1.000 *
12/31/2005	1.000	1.000	1.000					
12/31/2006	1.000	1.000						
12/31/2007	1.000							

3 Yr Mean 1.000 1.000 1.000 1.000 1.000 @ 1.000 @ 0.999 @ 1.000 @

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

A.Y.E.	15/ 27	27/ 39	39/ 51	51/ 63	63/ 75	75/ 87	87/ 99	99/111	111/123	123/135	135/147
12/31/2015					1.001	1.005	1.004	1.000	1.000	1.000	1.000
12/31/2016				1.007	1.001	1.005	1.004	1.000	1.000	1.000	1.000
12/31/2017			1.002	1.007	1.001	1.005	1.004	1.000	1.000	1.000	1.000
12/31/2018		1.121	1.002	1.007	1.001	1.005	1.004	1.000	1.000	1.000	1.000
12/31/2019	1.027	1.121	1.002	1.007	1.001	1.005	1.004	1.000	1.000	1.000	1.000

A.Y.E.	147/159	159/171	171/183	183/195	195/207	207/219	219/231	231/243	243/Ult	FACTORS
12/31/2015	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000*	1.010
12/31/2016	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000*	1.017
12/31/2017	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000*	1.019
12/31/2018	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000*	1.142
12/31/2019	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000*	1.173

* Calculated Using Modified Bondy Method

@ Three year mean Excludes Modified Bondy ratios

PREMISES/OPERATIONS (Subline Code 334)
OWNERS, LANDLORDS AND TENANTS
FULL COVERAGE
MARYLAND
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>
12/31/2000	127,745	174,890	220,352	312,198	324,073	324,073	324,073	324,073	324,073	324,073	324,073
12/31/2001	31,913	109,747	177,144	228,076	630,326	840,331	840,331	840,331	840,301	840,301	840,301
12/31/2002	40,847	115,961	228,625	234,493	242,811	243,949	529,812	531,359	532,931	533,049	533,173
12/31/2003	246,294	301,206	366,324	453,218	663,395	751,245	844,982	887,940	889,932	890,207	890,207
12/31/2004	280,365	304,290	266,657	306,106	406,631	472,035	496,601	496,159	496,159	496,160	496,160
12/31/2005	21,563	46,107	136,741	189,459	210,845	217,784	217,784	217,784	217,784	217,784	217,784
12/31/2006	31,956	52,859	196,370	214,267	217,504	217,504	217,504	217,874	217,504	217,504	217,504
12/31/2007	25,708	57,238	88,276	104,971	126,260	160,854	309,070	305,397	305,397	305,397	305,397
12/31/2008	41,547	166,998	224,518	377,295	463,863	498,256	548,303	499,884	499,884	500,092	500,092
12/31/2009	63,389	74,240	194,710	211,490	245,212	253,108	253,108	253,108	301,608	301,608	301,608
12/31/2010	194,987	869,161	1,159,714	1,451,519	1,993,240	2,383,805	2,391,432	2,431,935	2,431,935	2,431,935	
12/31/2011	164,037	139,909	173,728	206,485	202,591	204,437	254,816	264,848	265,375		
12/31/2012	52,193	69,155	113,058	116,228	124,352	184,441	204,119	217,119			
12/31/2013	45,908	96,809	613,780	380,239	255,205	255,205	255,205				
12/31/2014	133,549	145,579	410,599	349,080	384,330	374,145					
12/31/2015	397,838	451,672	503,861	544,411	548,034						
12/31/2016	143,889	242,993	264,028	254,538							
12/31/2017	141,336	150,193	391,260								
12/31/2018	170,085	167,466									
12/31/2019	216,121										

<u>A.Y.E.</u>	<u>147 Months</u>	<u>159 Months</u>	<u>171 Months</u>	<u>183 Months</u>	<u>195 Months</u>	<u>207 Months</u>	<u>219 Months</u>	<u>231 Months</u>	<u>243 Months</u>
12/31/2000	324,073	324,073	324,073	324,073	324,073	324,073	324,073	324,073	324,073
12/31/2001	840,301	840,301	840,301	840,301	840,301	840,301	840,301	840,301	
12/31/2002	533,173	533,173	533,173	533,173	533,173	533,173	533,173		
12/31/2003	890,215	890,215	890,215	890,215	890,215	890,215			
12/31/2004	496,160	496,160	496,160	496,160	496,160				
12/31/2005	217,784	217,784	217,784	217,784					
12/31/2006	217,504	217,504	217,504						
12/31/2007	305,397	305,397							
12/31/2008	500,092								

PREMISES/OPERATIONS (Subline Code 334)
OWNERS, LANDLORDS AND TENANTS
FULL COVERAGE
MARYLAND
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>
12/31/2000	47,145	45,462	91,846	11,875	0	0	0	0	0	0	0	0	0
12/31/2001	77,834	67,397	50,932	402,250	210,005	0	0	-30	0	0	0	0	0
12/31/2002	75,114	112,664	5,868	8,318	1,138	285,863	1,547	1,572	118	124	0	0	0
12/31/2003	54,912	65,118	86,894	210,177	87,850	93,737	42,958	1,992	275	0	8	0	0
12/31/2004	23,925	-37,633	39,449	100,525	65,404	24,566	-442	0	1	0	0	0	0
12/31/2005	24,544	90,634	52,718	21,386	6,939	0	0	0	0	0	0	0	0
12/31/2006	20,903	143,511	17,897	3,237	0	0	370	-370	0	0	0	0	0
12/31/2007	31,530	31,038	16,695	21,289	34,594	148,216	-3,673	0	0	0	0	0	0
12/31/2008	125,451	57,520	152,777	86,568	34,393	50,047	-48,419	0	208	0	0	0	0
12/31/2009	10,851	120,470	16,780	33,722	7,896	0	0	48,500	0	0	0	0	0
12/31/2010	674,174	290,553	291,805	541,721	390,565	7,627	40,503	0	0	0	0	0	0
12/31/2011	-24,128	33,819	32,757	-3,894	1,846	50,379	10,032	527	0	0	0	0	0
12/31/2012	16,962	43,903	3,170	8,124	60,089	19,678	13,000	0	0	0	0	0	0
12/31/2013	50,901	516,971	-233,541	-125,034	0	0	0	0	0	0	0	0	0
12/31/2014	12,030	265,020	-61,519	35,250	-10,185	0	0	0	0	0	0	0	0
12/31/2015	53,834	52,189	40,550	3,623	0	0	0	0	0	0	0	0	0
12/31/2016	99,104	21,035	-9,490	0	0	0	0	0	0	0	0	0	0
12/31/2017	8,857	241,067	0	0	0	0	0	0	0	0	0	0	0
12/31/2018	-2,619	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>
12/31/2000	0.0552	0.0532	0.1075	0.0139	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12/31/2001	0.0808	0.0699	0.0529	0.4174	0.2179	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12/31/2002	0.1209	0.1814	0.0094	0.0134	0.0018	0.4601	0.0025	0.0025	0.0002	0.0002	0.0000	0.0000	0.0000
12/31/2003	0.0288	0.0342	0.0456	0.1104	0.0461	0.0492	0.0226	0.0010	0.0001	0.0000	0.0000	0.0000	0.0000
12/31/2004	0.0386	-0.0607	0.0636	0.1621	0.1055	0.0396	-0.0007	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12/31/2005	0.0278	0.1028	0.0598	0.0243	0.0079	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12/31/2006	0.0235	0.1615	0.0201	0.0036	0.0000	0.0000	0.0004	-0.0004	0.0000	0.0000	0.0000	0.0000	0.0000
12/31/2007	0.0543	0.0534	0.0287	0.0367	0.0596	0.2552	-0.0063	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12/31/2008	0.1058	0.0485	0.1289	0.0730	0.0290	0.0422	-0.0408	0.0000	0.0002	0.0000	0.0000	0.0000	0.0000
12/31/2009	0.0109	0.1208	0.0168	0.0338	0.0079	0.0000	0.0000	0.0486	0.0000	0.0000	0.0000	0.0000	0.0000
12/31/2010	0.3161	0.1362	0.1368	0.2540	0.1831	0.0036	0.0190	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12/31/2011	-0.0259	0.0363	0.0351	-0.0042	0.0020	0.0540	0.0108	0.0006	0.0000	0.0000	0.0000	0.0000	0.0000
12/31/2012	0.0167	0.0433	0.0031	0.0080	0.0593	0.0194	0.0128	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12/31/2013	0.0491	0.4988	-0.2253	-0.1206	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12/31/2014	0.0093	0.2039	-0.0473	0.0271	-0.0078	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12/31/2015	0.0303	0.0293	0.0228	0.0020	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12/31/2016	0.1129	0.0240	-0.0108	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12/31/2017	0.0049	0.1338	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12/31/2018	-0.0014	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	0.0148	0.1223	-0.0183	0.0020	0.0204	0.0077	0.0079	0.0002	0.0000	0.0000	0.0000	0.0000	0.0000
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PREMISES/OPERATIONS (Subline Code 334)
 MANUFACTURERS AND CONTRACTORS
 FULL COVERAGE
 MULTISTATE
 BODILY INJURY - OCCURRENCE
 INCURRED ACCIDENT YEAR BASIC LIMITS LOSS DEVELOPMENT EXCLUDING ALAE

\$100,000 Basic Limit Losses as of:

<u>A.Y.E.</u>	<u>15 Months</u>	<u>27 Months</u>	<u>39 Months</u>	<u>51 Months</u>	<u>63 Months</u>	<u>75 Months</u>	<u>87 Months</u>	<u>99 Months</u>	<u>111 Months</u>	<u>123 Months</u>	<u>135 Months</u>
12/31/2000	57,926,197	101,336,195	143,174,765	159,513,668	163,536,353	163,203,123	160,776,080	158,386,194	158,014,393	157,378,674	157,028,588
12/31/2001	62,132,404	105,752,005	140,131,522	151,297,825	157,198,486	154,636,855	151,668,292	151,199,553	151,050,154	150,965,402	150,841,287
12/31/2002	53,023,242	87,611,126	114,160,160	133,072,661	131,502,548	129,000,547	127,753,705	126,932,454	127,184,093	126,936,208	126,888,094
12/31/2003	54,004,115	83,062,700	118,684,839	128,903,904	124,572,154	122,587,003	121,346,976	119,663,746	119,633,426	119,187,496	119,215,898
12/31/2004	55,124,138	90,986,719	116,990,445	121,951,337	118,823,995	116,486,098	115,594,912	114,813,306	115,096,081	115,042,977	115,109,272
12/31/2005	57,740,453	92,212,221	117,951,253	126,171,301	123,939,249	120,633,162	120,112,748	119,497,659	119,620,766	119,301,662	119,251,685
12/31/2006	58,716,692	89,932,739	111,412,538	117,542,684	116,053,801	116,423,104	116,388,713	115,200,282	115,123,111	114,801,826	114,635,394
12/31/2007	64,020,740	94,674,178	122,977,212	131,325,521	129,613,594	129,944,894	128,906,068	129,091,154	128,446,762	128,034,507	128,286,983
12/31/2008	65,261,715	101,294,436	124,470,386	132,544,384	131,037,939	130,179,495	131,279,584	129,739,458	129,932,980	129,722,823	129,838,963
12/31/2009	66,670,516	99,306,463	124,134,507	132,398,286	132,115,103	130,505,728	128,535,066	128,627,027	128,394,502	128,945,024	128,791,760
12/31/2010	66,372,720	99,549,164	126,904,323	134,375,152	134,279,905	132,723,702	133,080,961	132,563,526	133,232,848	132,937,669	
12/31/2011	74,214,801	107,888,854	135,351,511	146,079,461	143,860,088	143,833,827	142,564,862	142,510,131	142,566,881		
12/31/2012	57,567,325	88,455,958	112,777,892	117,040,107	118,505,136	118,780,614	119,363,250	119,449,691			
12/31/2013	59,026,697	91,726,313	114,673,236	126,188,956	127,811,463	126,657,437	125,673,372				
12/31/2014	63,547,496	98,059,791	128,728,413	136,632,555	138,786,084	137,700,290					
12/31/2015	53,659,929	86,563,914	113,405,790	122,750,241	125,276,179						
12/31/2016	54,207,409	87,340,447	115,192,536	125,906,820							
12/31/2017	57,162,775	91,834,683	118,790,699								
12/31/2018	57,080,744	96,452,342									
12/31/2019	57,159,230										

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

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Link Ratios

A.Y.E.	27: 15	39: 27	51: 39	63: 51	75: 63	87: 75	99: 87	111: 99	123:111	135:123	147:135
12/31/2000	1.749	1.413	1.114	1.025	0.998	0.985	0.985	0.998	0.996	0.998	1.001
12/31/2001	1.702	1.325	1.080	1.039	0.984	0.981	0.997	0.999	0.999	0.999	0.998
12/31/2002	1.652	1.303	1.166	0.988	0.981	0.990	0.994	1.002	0.998	1.000	1.001
12/31/2003	1.538	1.429	1.086	0.966	0.984	0.990	0.986	1.000	0.996	1.000	0.999
12/31/2004	1.651	1.286	1.042	0.974	0.980	0.992	0.993	1.002	1.000	1.001	1.001
12/31/2005	1.597	1.279	1.070	0.982	0.973	0.996	0.995	1.001	0.997	1.000	1.000
12/31/2006	1.532	1.239	1.055	0.987	1.003	1.000	0.990	0.999	0.997	0.999	0.999
12/31/2007	1.479	1.299	1.068	0.987	1.003	0.992	1.001	0.995	0.997	1.002	1.001
12/31/2008	1.552	1.229	1.065	0.989	0.993	1.008	0.988	1.001	0.998	1.001	1.000
12/31/2009	1.490	1.250	1.067	0.998	0.988	0.985	1.001	0.998	1.004	0.999	
12/31/2010	1.500	1.275	1.059	0.999	0.988	1.003	0.996	1.005	0.998		
12/31/2011	1.454	1.255	1.079	0.985	1.000	0.991	1.000	1.000			
12/31/2012	1.537	1.275	1.038	1.013	1.002	1.005	1.001				
12/31/2013	1.554	1.250	1.100	1.013	0.991	0.992					
12/31/2014	1.543	1.313	1.061	1.016	0.992						
12/31/2015	1.613	1.310	1.082	1.021							
12/31/2016	1.611	1.319	1.093								
12/31/2017	1.607	1.294									
12/31/2018	1.690										
3 Yr Mean	1.636	1.308	1.079	1.017	0.995	0.996	0.999	1.001	1.000	1.001	1.000
Best 3/5	1.610	1.306	1.079	1.014	0.994	0.995	0.999	1.000	0.998	1.000	1.000

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

A.Y.E.	15/ 27	27/ 39	39/ 51	51/ 63	63/ 75	75/ 87	87/ 99	99/111	111/123	123/135	135/147
12/31/2015					0.994	0.995	0.999	1.000	0.998	1.000	1.000
12/31/2016				1.014	0.994	0.995	0.999	1.000	0.998	1.000	1.000
12/31/2017			1.079	1.014	0.994	0.995	0.999	1.000	0.998	1.000	1.000
12/31/2018		1.306	1.079	1.014	0.994	0.995	0.999	1.000	0.998	1.000	1.000
12/31/2019	1.610	1.306	1.079	1.014	0.994	0.995	0.999	1.000	0.998	1.000	1.000

A.Y.E.	147/159	159/171	171/183	183/195	195/207	207/219	219/231	231/243	243/211	FACTORS
12/31/2015	1.001	1.000	1.000	1.000	1.001	1.001	1.001	1.001	1.004*	0.995
12/31/2016	1.001	1.000	1.000	1.000	1.001	1.001	1.001	1.001	1.004*	1.009
12/31/2017	1.001	1.000	1.000	1.000	1.001	1.001	1.001	1.001	1.004*	1.089
12/31/2018	1.001	1.000	1.000	1.000	1.001	1.001	1.001	1.001	1.004*	1.422
12/31/2019	1.001	1.000	1.000	1.000	1.001	1.001	1.001	1.001	1.004*	2.289

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

PREMISES/OPERATIONS (Subline Code 334)
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 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>
12/31/2000	4,388,448	9,721,790	14,007,992	16,178,998	12,907,204	13,460,956	14,666,031	14,333,946	14,142,895	14,030,777	14,060,428
12/31/2001	6,139,639	11,193,668	15,861,869	14,775,871	16,027,569	16,617,206	16,262,953	15,686,899	15,974,697	16,123,442	16,105,817
12/31/2002	5,784,399	10,403,438	13,329,012	14,928,103	15,723,083	15,562,227	15,093,830	15,077,784	14,805,992	14,740,468	14,824,405
12/31/2003	6,643,607	10,129,893	14,331,761	16,077,357	14,965,394	14,163,051	14,033,760	13,976,297	14,031,117	14,143,474	14,506,439
12/31/2004	6,472,722	11,346,582	17,289,670	17,138,887	17,303,024	16,757,024	16,887,639	16,690,311	16,469,674	16,090,842	16,098,740
12/31/2005	8,305,469	13,411,400	18,066,405	18,803,674	19,175,810	18,916,683	18,724,765	18,422,146	18,191,443	18,332,544	18,337,302
12/31/2006	9,522,697	14,717,039	17,222,976	18,492,312	19,448,967	19,068,103	19,360,913	19,191,109	19,246,204	19,102,727	19,291,236
12/31/2007	8,904,050	12,754,645	17,245,569	18,573,824	19,143,604	18,918,438	19,019,146	19,371,777	19,341,134	19,455,126	19,368,447
12/31/2008	10,260,280	13,286,644	17,235,035	18,642,963	19,143,075	19,525,206	19,345,182	19,350,854	19,214,838	19,312,188	19,343,661
12/31/2009	9,963,091	14,611,622	16,962,529	18,601,380	19,141,196	19,939,972	19,937,608	19,927,882	20,197,767	20,159,196	20,224,317
12/31/2010	10,701,866	14,354,594	18,618,630	20,278,472	20,437,099	19,885,887	19,473,186	19,407,733	19,289,357	19,188,607	
12/31/2011	10,156,750	14,240,344	18,684,992	20,516,240	20,634,883	20,817,774	20,736,620	20,670,891	20,703,622		
12/31/2012	6,225,548	14,487,383	18,771,413	19,142,889	19,578,310	19,626,166	19,494,104	19,696,685			
12/31/2013	9,147,468	15,358,722	17,697,426	20,972,415	21,802,274	21,663,057	21,756,626				
12/31/2014	10,250,187	14,439,714	20,706,362	24,384,046	25,323,857	25,083,373					
12/31/2015	9,961,632	16,299,238	22,202,391	25,415,123	25,218,413						
12/31/2016	9,758,388	15,325,799	20,350,031	22,566,881							
12/31/2017	10,966,024	18,667,737	25,248,342								
12/31/2018	8,759,409	16,463,736									
12/31/2019	9,444,814										
<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>		
12/31/2000	14,095,428	13,995,290	14,067,036	14,060,578	13,971,378	13,971,378	13,974,378	14,071,378	14,080,128		
12/31/2001	16,217,539	16,565,376	16,560,305	16,619,635	16,616,464	16,671,964	16,666,465	16,688,965			
12/31/2002	15,718,436	15,665,572	15,756,132	15,656,130	15,825,130	15,725,130	15,825,130				
12/31/2003	14,606,337	14,554,668	14,343,168	14,544,667	14,663,257	14,657,058					
12/31/2004	16,136,715	16,091,614	16,126,614	16,126,614	16,126,614						
12/31/2005	18,445,373	18,312,303	18,463,802	18,463,802							
12/31/2006	19,188,996	19,493,995	19,498,496								
12/31/2007	19,491,795	19,490,545									
12/31/2008	19,394,266										

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Link Ratios

A.Y.E.	27: 15	39: 27	51: 39	63: 51	75: 63	87: 75	99: 87	111: 99	123:111	135:123	147:135
12/31/2000	2.215	1.441	1.155	0.798	1.043	1.090	0.977	0.987	0.992	1.002	1.002
12/31/2001	1.823	1.417	0.932	1.085	1.037	0.979	0.965	1.018	1.009	0.999	1.007
12/31/2002	1.799	1.281	1.120	1.053	0.990	0.970	0.999	0.982	0.996	1.006	1.060
12/31/2003	1.525	1.415	1.122	0.931	0.946	0.991	0.996	1.004	1.008	1.026	1.007
12/31/2004	1.753	1.524	0.991	1.010	0.968	1.008	0.988	0.987	0.977	1.000	1.002
12/31/2005	1.615	1.347	1.041	1.020	0.986	0.990	0.984	0.987	1.008	1.000	1.006
12/31/2006	1.545	1.170	1.074	1.052	0.980	1.015	0.991	1.003	0.993	1.010	0.995
12/31/2007	1.432	1.352	1.077	1.031	0.988	1.005	1.019	0.998	1.006	0.996	1.006
12/31/2008	1.295	1.297	1.082	1.027	1.020	0.991	1.000	0.993	1.005	1.002	1.003
12/31/2009	1.467	1.161	1.097	1.029	1.042	1.000	1.000	1.014	0.998	1.003	
12/31/2010	1.341	1.297	1.089	1.008	0.973	0.979	0.997	0.994	0.995		
12/31/2011	1.402	1.312	1.098	1.006	1.009	0.996	0.997	1.002			
12/31/2012	2.327	1.296	1.020	1.023	1.002	0.993	1.010				
12/31/2013	1.679	1.152	1.185	1.040	0.994	1.004					
12/31/2014	1.409	1.434	1.178	1.039	0.991						
12/31/2015	1.636	1.362	1.145	0.992							
12/31/2016	1.571	1.328	1.109								
12/31/2017	1.702	1.353									
12/31/2018	1.880										

3 Yr Mean	1.718	1.348	1.144	1.024	0.996	0.998	1.001	1.003	0.999	1.000	1.001
Best 3/5	1.636	1.348	1.144	1.023	0.996	0.996	0.999	0.998	0.999	1.002	1.004

A.Y.E.	159:147	171:159	183:171	195:183	207:195	219:207	231:219	243:231			
12/31/2000	0.993	1.005	1.000	0.994	1.000	1.000	1.007	1.001			
12/31/2001	1.021	1.000	1.004	1.000	1.003	1.000	1.001	1.000 *			
12/31/2002	0.997	1.006	0.994	1.011	0.994	1.006	1.000 *	1.000 *			
12/31/2003	0.996	0.985	1.014	1.008	1.000	1.000 *	1.000 *	1.000 *			
12/31/2004	0.997	1.002	1.000	1.000	1.003 *	1.000 *	1.000 *	1.000 *			
12/31/2005	0.993	1.008	1.000								
12/31/2006	1.016	1.000									
12/31/2007	1.000										

3 Yr Mean	1.003	1.003	1.005	1.006	0.999 @	1.002 @	1.004 @	1.001 @			
Best 3/5	0.998	1.003	1.001	1.003	1.001 *	1.000 *	1.000 *	1.000 *			

Development From

A.Y.E.	15/ 27	27/ 39	39/ 51	51/ 63	63/ 75	75/ 87	87/ 99	99/111	111/123	123/135	135/147
12/31/2015					0.996	0.996	0.999	0.998	0.999	1.002	1.004
12/31/2016				1.023	0.996	0.996	0.999	0.998	0.999	1.002	1.004
12/31/2017			1.144	1.023	0.996	0.996	0.999	0.998	0.999	1.002	1.004
12/31/2018		1.348	1.144	1.023	0.996	0.996	0.999	0.998	0.999	1.002	1.004
12/31/2019	1.636	1.348	1.144	1.023	0.996	0.996	0.999	0.998	0.999	1.002	1.004

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

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

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

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

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

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

	Increments												
A.Y.E.	27: 15	39: 27	51: 39	63: 51	75: 63	87: 75	99: 87	111: 99	123: 111	135: 123	147: 135	159:147	171:159
12/31/2000	13,014,917	24,539,297	22,044,462	13,462,779	7,871,163	7,662,955	-1,892,530	1,995,000	52,409	1,061,166	1,946,887	126,575	222,834
12/31/2001	17,814,069	24,464,206	22,392,256	13,640,637	6,718,452	3,073,517	1,884,328	2,116,013	-357,113	357,379	311,456	195,587	97,967
12/31/2002	16,284,661	17,720,760	20,057,667	9,590,690	6,862,949	2,977,286	295,423	1,572,745	735,048	-11,664	425,978	370,801	290,540
12/31/2003	14,112,081	20,061,617	18,190,860	8,786,186	7,347,670	2,018,023	877,821	1,121,006	821,107	-129,045	489,001	75,525	7,151
12/31/2004	12,926,310	18,454,582	14,820,319	9,264,491	5,655,269	1,404,023	697,712	1,482,896	519,804	-72,780	52,628	26,913	31,196
12/31/2005	12,389,556	22,687,224	16,955,725	10,148,879	4,983,808	2,569,428	1,837,940	780,540	433,994	886,193	7,013	1,018,923	407,445
12/31/2006	14,903,393	20,708,781	14,389,716	9,754,156	3,898,181	5,142,630	2,348,949	648,100	1,596,209	260,493	556,862	940,975	245,671
12/31/2007	15,577,436	27,239,830	17,596,574	11,333,679	4,940,494	2,251,623	1,921,412	905,247	703,464	394,890	189,073	-185,567	
12/31/2008	18,410,424	21,313,757	20,601,426	12,118,134	6,232,728	4,096,947	937,187	924,959	139,621	8,581	780,285		
12/31/2009	15,433,946	20,614,774	28,109,514	12,929,648	5,310,835	4,110,535	1,869,068	886,159	1,046,460	-392,818			
12/31/2010	19,187,276	25,902,844	19,431,549	14,454,414	5,274,518	3,312,400	2,378,799	221,242	272,256				
12/31/2011	19,351,682	26,844,997	24,297,493	12,447,136	12,174,808	5,651,693	1,019,144	106,341					
12/31/2012	16,446,456	24,410,132	18,275,743	13,284,832	5,885,756	4,375,147	1,182,279						
12/31/2013	18,123,561	25,161,089	21,306,910	12,178,524	5,872,764	2,280,261							
12/31/2014	19,080,656	30,106,211	25,484,510	9,728,166	5,560,344								
12/31/2015	16,234,645	22,777,787	19,152,142	13,257,001									
12/31/2016	18,714,973	23,716,381	20,357,151										
12/31/2017	20,933,828	25,059,104											
12/31/2018	18,619,173												

	Incremental Percentages												
A.Y.E.	27: 15	39: 27	51: 39	63: 51	75: 63	87: 75	99: 87	111: 99	123: 111	135: 123	147: 135	159:147	171:159
12/31/2000	0.0453	0.0855	0.0768	0.0469	0.0274	0.0267	-0.0066	0.0069	0.0002	0.0037	0.0068	0.0004	0.0008
12/31/2001	0.0647	0.0889	0.0814	0.0496	0.0244	0.0112	0.0068	0.0077	-0.0013	0.0013	0.0011	0.0007	0.0004
12/31/2002	0.0684	0.0744	0.0842	0.0403	0.0288	0.0125	0.0012	0.0066	0.0031	0.0000	0.0018	0.0016	0.0012
12/31/2003	0.0641	0.0911	0.0826	0.0399	0.0334	0.0092	0.0040	0.0051	0.0037	-0.0006	0.0022	0.0003	0.0000
12/31/2004	0.0587	0.0838	0.0673	0.0421	0.0257	0.0064	0.0032	0.0067	0.0024	-0.0003	0.0002	0.0001	0.0001
12/31/2005	0.0573	0.1049	0.0784	0.0469	0.0231	0.0119	0.0085	0.0036	0.0020	0.0041	0.0000	0.0047	0.0019
12/31/2006	0.0655	0.0910	0.0632	0.0429	0.0171	0.0226	0.0103	0.0028	0.0070	0.0011	0.0024	0.0041	0.0011
12/31/2007	0.0618	0.1080	0.0698	0.0449	0.0196	0.0089	0.0076	0.0036	0.0028	0.0016	0.0007	-0.0007	
12/31/2008	0.0731	0.0846	0.0817	0.0481	0.0247	0.0163	0.0037	0.0037	0.0006	0.0000	0.0031		
12/31/2009	0.0634	0.0847	0.1155	0.0531	0.0218	0.0169	0.0077	0.0036	0.0043	-0.0016			
12/31/2010	0.0783	0.1057	0.0793	0.0590	0.0215	0.0135	0.0097	0.0009	0.0011				
12/31/2011	0.0682	0.0947	0.0857	0.0439	0.0429	0.0199	0.0036	0.0004					
12/31/2012	0.0687	0.1020	0.0763	0.0555	0.0246	0.0183	0.0049						
12/31/2013	0.0709	0.0984	0.0833	0.0476	0.0230	0.0089							
12/31/2014	0.0695	0.1096	0.0928	0.0354	0.0202								
12/31/2015	0.0655	0.0919	0.0773	0.0535									
12/31/2016	0.0701	0.0888	0.0763										
12/31/2017	0.0752	0.0901											
12/31/2018	0.0652												

Best 3/5	0.0684	0.0935	0.0790	0.0483	0.0230	0.0162	0.0054	0.0027	0.0027	0.0009	0.0011	0.0015	0.0008
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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>
12/31/2000	103,075,563	118,354,341	125,560,653	131,616,998	133,217,073	133,342,637	133,743,750	134,435,889	134,354,263	135,328,431	135,189,186
12/31/2001	100,358,227	112,410,053	121,695,423	124,092,246	124,889,318	125,755,168	125,778,794	125,999,331	126,883,083	127,064,850	127,519,721
12/31/2002	85,978,157	96,552,336	99,741,601	102,288,699	103,183,830	103,617,466	103,849,284	103,687,635	104,272,243	104,709,851	104,645,218
12/31/2003	77,532,098	85,988,188	90,787,276	93,115,199	94,147,270	94,908,348	94,898,000	95,082,748	95,025,507	95,156,223	95,371,955
12/31/2004	95,489,642	106,680,611	106,447,780	108,073,461	109,032,550	108,404,468	108,739,183	108,773,627	109,435,560	109,479,474	109,781,082
12/31/2005	93,303,003	101,612,140	103,728,968	106,179,260	107,156,955	107,564,714	107,342,072	107,814,046	107,837,719	109,090,109	109,157,553
12/31/2006	96,656,648	103,918,204	106,578,622	108,633,241	110,921,341	111,869,895	113,456,931	113,604,830	114,345,608	114,822,038	114,818,447
12/31/2007	103,354,289	113,322,215	116,876,729	118,666,344	119,606,897	120,883,520	120,581,210	121,364,230	121,990,936	121,823,965	122,290,162
12/31/2008	107,359,201	117,479,999	120,451,390	122,825,060	124,703,546	125,262,506	125,508,371	126,223,331	126,785,035	127,717,541	128,836,849
12/31/2009	99,798,248	109,108,103	112,687,496	114,603,314	115,025,695	115,457,653	116,325,242	117,195,834	117,778,771	118,494,958	118,882,677
12/31/2010	106,831,727	116,405,246	118,535,875	119,766,529	120,049,238	120,247,458	120,690,870	121,123,927	121,041,240	121,253,377	
12/31/2011	116,858,794	125,086,797	129,359,421	129,220,829	129,719,343	130,216,843	131,680,958	132,251,290	132,747,048		
12/31/2012	107,711,204	115,395,831	118,692,434	120,916,796	121,415,650	122,762,205	124,145,725	124,991,690			
12/31/2013	100,784,000	110,183,200	114,013,476	116,032,039	118,030,806	118,358,998	119,156,223				
12/31/2014	101,535,114	112,330,653	117,679,596	123,110,026	124,298,432	125,437,614					
12/31/2015	100,434,740	112,273,345	120,960,174	124,067,937	125,102,104						
12/31/2016	105,369,052	119,269,379	124,447,433	126,256,203							
12/31/2017	113,948,015	128,614,910	135,667,714								
12/31/2018	117,723,962	133,411,006									
12/31/2019	114,663,152										

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

PREMISES/OPERATIONS (Subline Code 334)
 MANUFACTURERS AND CONTRACTORS
 FULL COVERAGE
 MULTISTATE
 PROPERTY DAMAGE - OCCURRENCE

INCURRED ACCIDENT YEAR BASIC LIMITS LOSS DEVELOPMENT EXCLUDING ALAE

Link Ratios

A.Y.E.	27: 15	39: 27	51: 39	63: 51	75: 63	87: 75	99: 87	111: 99	123:111	135:123	147:135
12/31/2000	1.148	1.061	1.048	1.012	1.001	1.003	1.005	0.999	1.007	0.999	1.001
12/31/2001	1.120	1.083	1.020	1.006	1.007	1.000	1.002	1.007	1.001	1.004	0.999
12/31/2002	1.123	1.033	1.026	1.009	1.004	1.002	0.998	1.006	1.004	0.999	1.001
12/31/2003	1.109	1.056	1.026	1.011	1.008	1.000	1.002	0.999	1.001	1.002	1.003
12/31/2004	1.117	0.998	1.015	1.009	0.994	1.003	1.000	1.006	1.000	1.003	1.001
12/31/2005	1.089	1.021	1.024	1.009	1.004	0.998	1.004	1.000	1.012	1.001	0.997
12/31/2006	1.075	1.026	1.019	1.021	1.009	1.014	1.001	1.007	1.004	1.000	1.005
12/31/2007	1.096	1.031	1.015	1.008	1.011	0.997	1.006	1.005	0.999	1.004	1.002
12/31/2008	1.094	1.025	1.020	1.015	1.004	1.002	1.006	1.004	1.007	1.009	1.001
12/31/2009	1.093	1.033	1.017	1.004	1.004	1.008	1.007	1.005	1.006	1.003	
12/31/2010	1.090	1.018	1.010	1.002	1.002	1.004	1.004	0.999	1.002		
12/31/2011	1.070	1.034	0.999	1.004	1.004	1.011	1.004	1.004			
12/31/2012	1.071	1.029	1.019	1.004	1.011	1.011	1.007				
12/31/2013	1.093	1.035	1.018	1.017	1.003	1.007					
12/31/2014	1.106	1.048	1.046	1.010	1.009						
12/31/2015	1.118	1.077	1.026	1.008							
12/31/2016	1.132	1.043	1.015								
12/31/2017	1.129	1.055									
12/31/2018	1.133										

3 Yr Mean 1.131 1.058 1.029 1.012 1.008 1.010 1.005 1.003 1.005 1.005 1.003

Best 3/5 1.126 1.049 1.021 1.007 1.005 1.009 1.006 1.004 1.004 1.003 1.001

A.Y.E.	159:147	171:159	183:171	195:183	207:195	219:207	231:219	243:231			
12/31/2000	0.997	0.998	1.000	1.001	1.000	1.003	1.002	1.001			
12/31/2001	1.002	1.003	1.002	1.000	1.001	1.001	1.001	1.001 *			
12/31/2002	1.003	1.005	0.999	1.001	1.002	1.001	1.001 *	1.001 *			
12/31/2003	0.999	1.002	1.002	1.003	1.001	1.001 *	1.001 *	1.001 *			
12/31/2004	1.001	1.002	1.000	1.000	1.001 *	1.001 *	1.001 *	1.001 *			
12/31/2005	1.006	1.001	1.000								
12/31/2006	1.003	1.000									
12/31/2007	1.001										

3 Yr Mean 1.003 1.001 1.001 1.001 1.001 @ 1.002 @ 1.002 @ 1.001 @

Best 3/5 1.002 1.002 1.001 1.001 1.001 * 1.001 * 1.001 * 1.001 *

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

A.Y.E.	147/159	159/171	171/183	183/195	195/207	207/219	219/231	231/243	243/211	FACTORS
12/31/2015	1.002	1.002	1.001	1.001	1.001	1.001	1.001	1.001	1.004*	1.047
12/31/2016	1.002	1.002	1.001	1.001	1.001	1.001	1.001	1.001	1.004*	1.054
12/31/2017	1.002	1.002	1.001	1.001	1.001	1.001	1.001	1.001	1.004*	1.076
12/31/2018	1.002	1.002	1.001	1.001	1.001	1.001	1.001	1.001	1.004*	1.129
12/31/2019	1.002	1.002	1.001	1.001	1.001	1.001	1.001	1.001	1.004*	1.271

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

PREMISES/OPERATIONS (Subline Code 334)
MANUFACTURERS AND CONTRACTORS
DEDUCTIBLE
MULTISTATE
PROPERTY DAMAGE - OCCURRENCE
INCURRED ACCIDENT YEAR BASIC LIMITS LOSS DEVELOPMENT EXCLUDING ALAE

\$100,000 Basic Limit Losses as of:

<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>
12/31/2000	19,424,526	22,559,304	25,527,430	28,357,118	28,325,563	28,804,734	28,545,780	28,831,715	28,937,857	29,479,063	29,160,993
12/31/2001	20,772,125	23,804,872	25,726,010	26,685,095	26,852,473	27,770,613	28,376,078	29,126,649	29,389,175	29,354,387	29,353,209
12/31/2002	18,382,877	21,840,021	21,668,927	22,491,203	22,970,698	23,599,639	23,703,493	24,132,175	24,171,285	24,307,169	24,308,862
12/31/2003	19,604,664	21,092,819	22,285,215	23,721,993	24,272,419	25,232,218	25,451,735	25,252,991	25,251,022	25,337,848	25,237,556
12/31/2004	18,869,818	22,676,958	24,328,131	25,019,202	25,364,895	25,197,277	25,258,319	25,748,307	25,846,766	26,161,207	26,369,355
12/31/2005	19,762,964	23,558,473	24,626,402	25,122,840	24,858,197	24,860,784	24,931,647	25,268,965	25,307,360	25,657,556	25,647,539
12/31/2006	24,689,015	26,831,849	26,953,254	27,573,423	27,186,658	27,475,259	27,602,517	27,835,505	28,031,110	28,236,885	28,198,886
12/31/2007	24,113,015	27,605,122	29,331,055	29,485,053	29,028,830	29,616,968	29,634,764	29,730,000	30,038,580	30,239,704	30,308,574
12/31/2008	26,549,211	28,855,004	30,095,091	29,867,660	30,393,233	30,283,530	30,140,917	30,233,319	30,571,581	30,754,239	30,855,528
12/31/2009	24,133,808	24,643,651	25,642,247	25,749,605	25,704,521	25,892,332	25,682,387	26,098,753	26,187,080	26,204,499	26,261,676
12/31/2010	22,046,138	23,314,938	24,237,728	24,714,723	24,587,234	24,954,784	25,033,609	25,315,364	25,392,105	25,357,952	
12/31/2011	21,111,125	23,086,662	23,577,615	23,474,177	23,748,179	23,828,142	24,136,890	24,223,318	24,200,048		
12/31/2012	21,019,092	23,339,443	24,615,814	24,791,356	24,831,265	24,930,014	25,098,037	25,101,284			
12/31/2013	20,143,322	20,748,229	21,810,104	21,525,857	21,523,610	21,292,371	21,427,447				
12/31/2014	23,846,580	26,468,694	26,829,897	27,497,516	27,743,856	27,931,701					
12/31/2015	23,273,544	26,208,057	27,147,579	27,584,969	27,663,252						
12/31/2016	22,273,861	25,510,645	26,383,658	26,203,764							
12/31/2017	21,897,513	25,701,118	26,615,461								
12/31/2018	24,205,489	26,430,911									
12/31/2019	21,070,591										
<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>		
12/31/2000	29,179,053	29,395,701	29,463,037	29,416,114	29,296,923	29,294,924	29,308,103	29,328,202	29,315,835		
12/31/2001	29,356,911	29,626,759	29,511,079	29,401,616	29,399,085	29,434,758	29,434,757	29,432,030			
12/31/2002	24,523,821	24,560,355	24,414,443	24,384,944	24,369,373	24,213,439	24,200,751				
12/31/2003	25,255,845	25,189,486	25,264,064	25,268,006	25,330,507	25,340,279					
12/31/2004	26,241,938	26,258,130	26,353,633	26,377,240	26,356,141						
12/31/2005	25,718,884	25,729,701	25,699,852	25,589,036							
12/31/2006	28,423,232	28,389,418	28,489,017								
12/31/2007	30,439,812	30,496,007									
12/31/2008	30,818,352										

PREMISES/OPERATIONS (Subline Code 334)
 MANUFACTURERS AND CONTRACTORS
 DEDUCTIBLE
 MULTISTATE
 PROPERTY DAMAGE - OCCURRENCE

INCURRED ACCIDENT YEAR BASIC LIMITS LOSS DEVELOPMENT EXCLUDING ALAE

Link Ratios

A.Y.E.	27: 15	39: 27	51: 39	63: 51	75: 63	87: 75	99: 87	111: 99	123:111	135:123	147:135
12/31/2000	1.161	1.132	1.111	0.999	1.017	0.991	1.010	1.004	1.019	0.989	1.001
12/31/2001	1.146	1.081	1.037	1.006	1.034	1.022	1.026	1.009	0.999	1.000	1.000
12/31/2002	1.188	0.992	1.038	1.021	1.027	1.004	1.018	1.002	1.006	1.000	1.009
12/31/2003	1.076	1.057	1.064	1.023	1.040	1.009	0.992	1.000	1.003	0.996	1.001
12/31/2004	1.202	1.073	1.028	1.014	0.993	1.002	1.019	1.004	1.012	1.008	0.995
12/31/2005	1.192	1.045	1.020	0.989	1.000	1.003	1.014	1.002	1.014	1.000	1.003
12/31/2006	1.087	1.005	1.023	0.986	1.011	1.005	1.008	1.007	1.007	0.999	1.008
12/31/2007	1.145	1.063	1.005	0.985	1.020	1.001	1.003	1.010	1.007	1.002	1.004
12/31/2008	1.087	1.043	0.992	1.018	0.996	0.995	1.003	1.011	1.006	1.003	0.999
12/31/2009	1.021	1.041	1.004	0.998	1.007	0.992	1.016	1.003	1.001	1.002	
12/31/2010	1.058	1.040	1.020	0.995	1.015	1.003	1.011	1.003	0.999		
12/31/2011	1.094	1.021	0.996	1.012	1.003	1.013	1.004	0.999			
12/31/2012	1.110	1.055	1.007	1.002	1.004	1.007	1.000				
12/31/2013	1.030	1.051	0.987	1.000	0.989	1.006					
12/31/2014	1.110	1.014	1.025	1.009	1.007						
12/31/2015	1.126	1.036	1.016	1.003							
12/31/2016	1.145	1.034	0.993								
12/31/2017	1.174	1.036									
12/31/2018	1.092										

3 Yr Mean	1.137	1.035	1.011	1.004	1.000	1.009	1.005	1.002	1.002	1.002	1.004
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Best 3/5	1.127	1.035	1.005	1.005	1.005	1.005	1.006	1.005	1.005	1.001	1.002
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A.Y.E.	159:147	171:159	183:171	195:183	207:195	219:207	231:219	243:231
12/31/2000	1.007	1.002	0.998	0.996	1.000	1.000	1.001	1.000
12/31/2001	1.009	0.996	0.996	1.000	1.001	1.000	1.000	1.000 *
12/31/2002	1.001	0.994	0.999	0.999	0.994	0.999	1.000 *	1.000 *
12/31/2003	0.997	1.003	1.000	1.002	1.000	1.000 *	1.000 *	1.000 *
12/31/2004	1.001	1.004	1.001	0.999	1.000 *	1.000 *	1.000 *	1.000 *
12/31/2005	1.000	0.999	0.996					
12/31/2006	0.999	1.004						
12/31/2007	1.002							

3 Yr Mean	1.000	1.002	0.999	1.000	0.998 @	1.000 @	1.001 @	1.000 @
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Best 3/5	1.000	1.002	0.998	0.999	1.000 *	1.000 *	1.000 *	1.000 *
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Development From

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

A.Y.E.	147/159	159/171	171/183	183/195	195/207	207/219	219/231	231/243	243/U1t	FACTORS
12/31/2015	1.000	1.002	0.998	0.999	1.000	1.000	1.000	1.000	1.000*	1.028
12/31/2016	1.000	1.002	0.998	0.999	1.000	1.000	1.000	1.000	1.000*	1.033
12/31/2017	1.000	1.002	0.998	0.999	1.000	1.000	1.000	1.000	1.000*	1.039
12/31/2018	1.000	1.002	0.998	0.999	1.000	1.000	1.000	1.000	1.000*	1.075
12/31/2019	1.000	1.002	0.998	0.999	1.000	1.000	1.000	1.000	1.000*	1.212

* Calculated Using Modified Bondy Method

@ Three year mean Excludes Modified Bondy ratios

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

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

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

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

	Increments												
A.Y.E.	27: 15	39: 27	51: 39	63: 51	75: 63	87: 75	99: 87	111: 99	123: 111	135: 123	147: 135	159:147	171:159
12/31/2000	5,672,978	7,337,054	9,283,748	8,858,205	7,937,266	6,250,190	3,922,003	2,072,733	1,277,463	551,452	924,073	431,100	-198,945
12/31/2001	6,260,229	9,660,066	7,206,149	6,451,743	6,518,669	4,653,099	1,981,993	1,814,186	1,215,337	1,082,165	401,699	-132,199	-26,480
12/31/2002	6,037,816	5,839,448	7,509,356	5,554,256	4,029,694	3,049,663	2,572,697	247,004	761,048	564,303	455,080	78,066	1,108,720
12/31/2003	4,140,676	6,981,698	6,983,738	2,622,687	2,403,326	880,431	1,141,288	1,101,588	954,723	972,924	1,005,808	625,159	218,368
12/31/2004	6,799,896	6,477,048	6,674,677	4,571,645	2,362,221	2,056,250	1,242,922	1,076,706	786,310	631,358	408,665	600,434	1,737,970
12/31/2005	6,160,229	7,086,701	6,229,629	5,191,318	4,237,068	3,024,491	2,077,384	786,205	1,419,795	1,132,329	-259,302	1,320,285	296,642
12/31/2006	6,119,992	7,236,952	6,262,929	5,920,715	4,337,001	2,364,822	1,693,428	1,767,751	968,406	1,081,659	373,650	762,121	557,639
12/31/2007	6,233,196	8,765,160	6,917,114	4,239,785	4,826,656	2,440,959	2,190,111	2,338,085	1,784,941	-263,017	737,494	622,713	
12/31/2008	7,228,841	7,127,641	7,706,602	3,114,331	3,633,495	1,082,499	1,345,161	1,084,712	1,623,368	965,398	434,750		
12/31/2009	6,324,605	7,105,855	9,503,570	3,617,794	1,245,544	1,471,119	1,726,106	1,387,505	1,349,937	445,328			
12/31/2010	10,328,701	2,893,560	5,055,003	3,536,583	3,277,081	1,714,060	1,768,752	1,122,041	967,585				
12/31/2011	6,548,127	7,880,751	5,896,242	1,568,987	2,159,535	1,841,114	1,263,718	1,131,677					
12/31/2012	7,221,580	7,862,316	7,786,809	7,139,003	4,664,956	1,097,643	1,827,127						
12/31/2013	8,023,056	7,988,578	7,467,239	6,125,994	3,783,021	2,808,764							
12/31/2014	8,816,955	7,510,583	9,150,495	5,222,653	3,358,562								
12/31/2015	6,825,111	7,636,517	9,471,156	7,230,349									
12/31/2016	8,750,819	7,311,590	6,211,175										
12/31/2017	6,535,838	8,355,188											
12/31/2018	7,709,037												

	Incremental Percentages												
A.Y.E.	27: 15	39: 27	51: 39	63: 51	75: 63	87: 75	99: 87	111: 99	123: 111	135: 123	147: 135	159:147	171:159
12/31/2000	0.0317	0.0410	0.0519	0.0495	0.0443	0.0349	0.0219	0.0116	0.0071	0.0031	0.0052	0.0024	-0.0011
12/31/2001	0.0371	0.0572	0.0427	0.0382	0.0386	0.0276	0.0117	0.0107	0.0072	0.0064	0.0024	-0.0008	-0.0002
12/31/2002	0.0437	0.0423	0.0543	0.0402	0.0292	0.0221	0.0186	0.0018	0.0055	0.0041	0.0033	0.0006	0.0080
12/31/2003	0.0332	0.0560	0.0560	0.0210	0.0193	0.0071	0.0092	0.0088	0.0077	0.0078	0.0081	0.0050	0.0018
12/31/2004	0.0464	0.0442	0.0456	0.0312	0.0161	0.0140	0.0085	0.0074	0.0054	0.0043	0.0028	0.0041	0.0119
12/31/2005	0.0434	0.0500	0.0439	0.0366	0.0299	0.0213	0.0146	0.0055	0.0100	0.0080	-0.0018	0.0093	0.0021
12/31/2006	0.0408	0.0483	0.0418	0.0395	0.0289	0.0158	0.0113	0.0118	0.0065	0.0072	0.0025	0.0051	0.0037
12/31/2007	0.0390	0.0549	0.0433	0.0266	0.0302	0.0153	0.0137	0.0146	0.0112	-0.0016	0.0046	0.0039	
12/31/2008	0.0425	0.0419	0.0453	0.0183	0.0213	0.0064	0.0079	0.0064	0.0095	0.0057	0.0026		
12/31/2009	0.0402	0.0452	0.0604	0.0230	0.0079	0.0094	0.0110	0.0088	0.0086	0.0028			
12/31/2010	0.0626	0.0175	0.0306	0.0214	0.0199	0.0104	0.0107	0.0068	0.0059				
12/31/2011	0.0375	0.0451	0.0338	0.0090	0.0124	0.0105	0.0072	0.0065					
12/31/2012	0.0421	0.0458	0.0454	0.0416	0.0272	0.0064	0.0106						
12/31/2013	0.0492	0.0490	0.0458	0.0375	0.0232	0.0172							
12/31/2014	0.0499	0.0425	0.0518	0.0296	0.0190								
12/31/2015	0.0383	0.0429	0.0532	0.0406									
12/31/2016	0.0485	0.0405	0.0344										
12/31/2017	0.0323	0.0413											
12/31/2018	0.0369												

Best 3/5	0.0413	0.0422	0.0477	0.0359	0.0207	0.0101	0.0098	0.0074	0.0082	0.0052	0.0026	0.0047	0.0046
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PREMISES/OPERATIONS (Subline Code 334)
MANUFACTURERS AND CONTRACTORS
FULL COVERAGE
MULTISTATE
FRINGE COVERAGE - OCCURRENCE
INCURRED ACCIDENT YEAR BASIC LIMITS LOSS DEVELOPMENT EXCLUDING ALAE

\$100,000 Basic Limit Losses as of:

<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>
12/31/2000	9,262,776	11,896,498	16,031,511	16,196,217	16,607,029	16,964,403	17,192,443	17,103,387	17,152,540	16,782,290	17,022,414
12/31/2001	8,971,835	12,879,333	14,388,395	14,404,617	14,363,422	15,064,426	15,088,876	14,610,195	14,792,555	14,886,266	14,616,995
12/31/2002	10,241,627	12,190,891	13,017,037	14,059,284	13,663,530	13,673,244	13,423,304	13,243,803	13,320,861	13,073,842	12,931,137
12/31/2003	7,792,930	8,570,340	11,742,972	12,546,434	13,176,735	11,614,370	11,170,443	11,302,593	11,104,080	11,159,245	11,162,206
12/31/2004	11,488,594	18,013,629	18,874,889	20,532,522	19,597,159	19,139,314	18,406,698	18,575,901	18,584,617	18,446,453	18,305,228
12/31/2005	12,528,827	15,654,436	17,896,749	17,433,536	15,897,965	15,802,316	16,012,781	16,001,153	15,923,323	15,681,305	15,694,614
12/31/2006	13,046,055	16,023,230	16,654,215	17,151,576	16,481,514	16,059,263	16,053,818	16,273,937	16,299,161	16,319,303	16,328,638
12/31/2007	11,712,113	14,533,579	14,579,900	14,322,104	13,688,896	13,546,293	13,501,074	13,258,884	13,060,001	13,060,176	13,172,485
12/31/2008	9,380,079	10,563,682	11,556,814	11,686,302	11,136,737	11,358,813	10,794,085	10,527,986	10,523,038	10,561,122	10,533,782
12/31/2009	8,901,281	10,534,221	10,800,269	10,714,600	10,937,242	10,460,131	10,465,060	10,306,528	10,416,523	10,410,460	10,416,265
12/31/2010	8,194,944	9,834,293	10,202,037	10,240,996	9,513,579	9,808,594	9,815,829	9,762,988	9,873,370	9,893,317	
12/31/2011	7,326,337	9,016,100	9,266,660	9,110,568	9,836,769	9,732,819	9,822,528	9,768,065	9,772,926		
12/31/2012	5,626,708	7,558,745	7,912,305	8,498,914	8,438,580	8,754,073	8,764,255	9,098,233			
12/31/2013	5,885,546	7,615,374	8,376,738	9,031,680	9,354,104	9,291,313	9,307,099				
12/31/2014	6,746,599	9,079,463	10,143,333	10,476,968	10,224,864	10,324,599					
12/31/2015	7,145,197	9,043,134	10,636,055	10,930,094	11,101,652						
12/31/2016	5,683,286	7,840,882	8,146,927	9,067,585							
12/31/2017	6,842,737	9,328,489	10,592,952								
12/31/2018	6,382,159	7,965,773									
12/31/2019	5,120,018										
<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>		
12/31/2000	16,986,380	16,844,868	16,896,629	16,921,628	16,961,633	16,934,798	17,034,798	17,034,818	17,034,798		
12/31/2001	14,910,842	15,016,167	14,908,186	14,808,186	14,808,162	14,808,162	14,808,161	15,015,993			
12/31/2002	13,035,787	12,904,608	12,940,324	12,922,924	12,922,924	12,922,934	13,130,756				
12/31/2003	10,972,695	11,072,695	11,083,927	11,085,695	11,195,695	11,469,557					
12/31/2004	18,476,778	18,371,778	18,371,778	18,371,778	18,371,778						
12/31/2005	15,501,383	15,496,382	15,498,873	15,498,873							
12/31/2006	16,212,385	16,213,093	16,205,660								
12/31/2007	13,279,285	13,275,785									
12/31/2008	10,523,782										

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
12/31/2000	1.284	1.348	1.010	1.025	1.022	1.013	0.995	1.003	0.978	1.014	0.998
12/31/2001	1.436	1.117	1.001	0.997	1.049	1.002	0.968	1.012	1.006	0.982	1.020
12/31/2002	1.190	1.068	1.080	0.972	1.001	0.982	0.987	1.006	0.981	0.989	1.008
12/31/2003	1.100	1.370	1.068	1.050	0.881	0.962	1.012	0.982	1.005	1.000	0.983
12/31/2004	1.568	1.048	1.088	0.954	0.977	0.962	1.009	1.000	0.993	0.992	1.009
12/31/2005	1.249	1.143	0.974	0.912	0.994	1.013	0.999	0.995	0.985	1.001	0.988
12/31/2006	1.228	1.039	1.030	0.961	0.974	1.000	1.014	1.002	1.001	1.001	0.993
12/31/2007	1.241	1.003	0.982	0.956	0.990	0.997	0.982	0.985	1.000	1.009	1.008
12/31/2008	1.126	1.094	1.011	0.953	1.020	0.950	0.975	1.000	1.004	0.997	0.999
12/31/2009	1.183	1.025	1.092	1.021	0.956	1.000	0.985	1.011	0.999	1.001	
12/31/2010	1.200	1.037	1.004	0.929	1.031	1.001	0.995	1.011	1.002		
12/31/2011	1.231	1.028	0.983	1.080	0.989	1.009	0.994	1.000			
12/31/2012	1.343	1.047	1.074	0.993	1.037	1.001	1.038				
12/31/2013	1.294	1.100	1.078	1.036	0.993	1.002					
12/31/2014	1.346	1.117	1.033	0.976	1.010						
12/31/2015	1.266	1.176	1.028	1.016							
12/31/2016	1.380	1.039	1.113								
12/31/2017	1.363	1.136									
12/31/2018	1.248										
3 Yr Mean	1.330	1.117	1.058	1.009	1.013	1.004	1.009	1.007	1.002	1.002	1.000
Best 3/5	1.325	1.118	1.062	1.015	1.011	1.001	0.991	1.004	1.001	1.001	1.000

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

A.Y.E.	15/ 27	27/ 39	39/ 51	51/ 63	63/ 75	75/ 87	87/ 99	99/111	111/123	123/135	135/147
12/31/2015					1.011	1.001	0.991	1.004	1.001	1.001	1.000
12/31/2016				1.015	1.011	1.001	0.991	1.004	1.001	1.001	1.000
12/31/2017			1.062	1.015	1.011	1.001	0.991	1.004	1.001	1.001	1.000
12/31/2018		1.118	1.062	1.015	1.011	1.001	0.991	1.004	1.001	1.001	1.000
12/31/2019	1.325	1.118	1.062	1.015	1.011	1.001	0.991	1.004	1.001	1.001	1.000

A.Y.E.	147/159	159/171	171/183	183/195	195/207	207/219	219/231	231/243	243/U1t	FACTORS
12/31/2015	1.000	1.000	1.000	1.001	1.000	1.002	1.002	1.002	1.008*	1.024
12/31/2016	1.000	1.000	1.000	1.001	1.000	1.002	1.002	1.002	1.008*	1.040
12/31/2017	1.000	1.000	1.000	1.001	1.000	1.002	1.002	1.002	1.008*	1.104
12/31/2018	1.000	1.000	1.000	1.001	1.000	1.002	1.002	1.002	1.008*	1.234
12/31/2019	1.000	1.000	1.000	1.001	1.000	1.002	1.002	1.002	1.008*	1.635

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

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

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

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

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

	Increments												
A.Y.E.	27: 15	39: 27	51: 39	63: 51	75: 63	87: 75	99: 87	111: 99	123: 111	135: 123	147: 135	159:147	171:159
12/31/2000	2,257,214	5,562,511	2,239,385	1,370,602	445,245	227,826	599,630	482,251	279,922	93,335	103,630	78,128	10,652
12/31/2001	3,827,684	4,345,423	2,052,625	866,863	1,185,414	595,610	199,298	362,470	383,322	-118,394	497,409	1,033,745	-926,868
12/31/2002	3,623,102	2,063,647	2,538,409	2,110,119	93,963	313,318	271,767	44,518	45,308	30,646	90,572	38,655	59,208
12/31/2003	1,530,645	2,786,102	1,884,837	1,772,007	851,420	457,243	388,163	362,895	112,648	55,252	164,859	0	13,768
12/31/2004	3,297,315	5,927,769	5,172,648	7,123,171	2,062,398	-3,968,459	-143,216	324,529	1,335,628	24,602	-189,209	597,970	0
12/31/2005	2,728,290	4,011,235	2,876,063	3,161,328	891,400	141,274	346,151	1,470,931	245,732	92,842	27,901	22,120	20,799
12/31/2006	3,731,241	3,841,015	2,203,058	1,452,652	1,643,126	395,556	736,683	227,763	47,332	141,782	3,582	3,514	470
12/31/2007	2,793,953	4,308,686	1,813,270	866,875	628,455	449,875	8,700	-110,936	-24,861	5,329	19,503	40,495	
12/31/2008	3,995,826	2,530,479	2,656,150	1,660,423	1,433,036	1,359,205	668,314	421,030	36,278	22,015	6,190		
12/31/2009	3,537,432	5,412,465	3,453,641	2,173,303	650,474	254,682	757,233	913,952	383,443	1,481			
12/31/2010	3,077,387	2,584,234	2,855,238	1,250,197	1,341,401	697,942	-281,603	27,306	78,320				
12/31/2011	2,663,703	7,016,881	2,803,560	3,215,247	1,275,873	1,501,532	368,206	160,540					
12/31/2012	1,967,462	5,828,032	2,272,046	-90,153	871,588	32,746	-79,087						
12/31/2013	4,146,437	2,405,628	2,257,762	4,039,771	362,398	771,837							
12/31/2014	5,303,181	3,955,604	8,637,764	1,580,594	409,975								
12/31/2015	3,709,927	3,419,211	1,386,311	802,110									
12/31/2016	2,539,118	2,956,218	1,643,463										
12/31/2017	4,315,820	2,955,976											
12/31/2018	1,569,441												

	Incremental Percentages												
A.Y.E.	27: 15	39: 27	51: 39	63: 51	75: 63	87: 75	99: 87	111: 99	123: 111	135: 123	147: 135	159:147	171:159
12/31/2000	0.0869	0.2142	0.0862	0.0528	0.0171	0.0088	0.0231	0.0186	0.0108	0.0036	0.0040	0.0030	0.0004
12/31/2001	0.1586	0.1800	0.0850	0.0359	0.0491	0.0247	0.0083	0.0150	0.0159	-0.0049	0.0206	0.0428	-0.0384
12/31/2002	0.1700	0.0968	0.1191	0.0990	0.0044	0.0147	0.0128	0.0021	0.0021	0.0014	0.0042	0.0018	0.0028
12/31/2003	0.0837	0.1524	0.1031	0.0969	0.0466	0.0250	0.0212	0.0198	0.0062	0.0030	0.0090	0.0000	0.0008
12/31/2004	0.1200	0.2158	0.1883	0.2593	0.0751	-0.1445	-0.0052	0.0118	0.0486	0.0009	-0.0069	0.0218	0.0000
12/31/2005	0.1039	0.1528	0.1096	0.1204	0.0340	0.0054	0.0132	0.0560	0.0094	0.0035	0.0011	0.0008	0.0008
12/31/2006	0.1287	0.1325	0.0760	0.0501	0.0567	0.0136	0.0254	0.0079	0.0016	0.0049	0.0001	0.0001	0.0000
12/31/2007	0.1380	0.2129	0.0896	0.0428	0.0311	0.0222	0.0004	-0.0055	-0.0012	0.0003	0.0010	0.0020	
12/31/2008	0.2222	0.1407	0.1477	0.0924	0.0797	0.0756	0.0372	0.0234	0.0020	0.0012	0.0003		
12/31/2009	0.2263	0.3463	0.2209	0.1390	0.0416	0.0163	0.0484	0.0585	0.0245	0.0001			
12/31/2010	0.1879	0.1578	0.1743	0.0763	0.0819	0.0426	-0.0172	0.0017	0.0048				
12/31/2011	0.1634	0.4305	0.1720	0.1973	0.0783	0.0921	0.0226	0.0098					
12/31/2012	0.1261	0.3736	0.1456	-0.0058	0.0559	0.0021	-0.0051						
12/31/2013	0.2819	0.1636	0.1535	0.2747	0.0246	0.0525							
12/31/2014	0.2789	0.2080	0.4543	0.0831	0.0216								
12/31/2015	0.1660	0.1530	0.0620	0.0359									
12/31/2016	0.1473	0.1715	0.0953										
12/31/2017	0.2250	0.1541											
12/31/2018	0.0961												

Best 3/5	0.1794	0.1631	0.1315	0.1054	0.0529	0.0371	0.0182	0.0116	0.0028	0.0017	0.0005	0.0010	0.0005
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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:

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

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

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BODILY INJURY - OCCURRENCE

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Link Ratios

A.Y.E.	27: 15	39: 27	51: 39	63: 51	75: 63	87: 75	99: 87	111: 99	123:111	135:123	147:135
12/31/2000	1.313	1.106	1.039	0.996	0.990	0.988	0.995	0.999	0.998	0.999	1.000
12/31/2001	1.232	1.145	1.054	1.001	0.984	0.992	0.991	0.998	0.998	1.002	1.000
12/31/2002	1.283	1.191	1.058	0.988	0.987	0.990	0.997	0.997	1.001	0.999	0.999
12/31/2003	1.358	1.168	0.993	0.974	0.991	0.986	0.995	0.997	1.001	1.000	0.999
12/31/2004	1.331	1.051	1.022	1.001	0.986	0.995	0.998	0.998	0.999	1.001	1.001
12/31/2005	1.161	1.132	1.040	0.978	0.989	0.990	0.996	0.998	0.999	0.999	1.000
12/31/2006	1.273	1.125	1.018	0.985	0.984	0.993	0.993	1.000	0.998	1.000	0.999
12/31/2007	1.253	1.122	1.020	0.982	0.990	0.991	0.998	0.998	0.999	1.000	1.001
12/31/2008	1.290	1.114	1.007	0.984	0.987	0.994	0.994	0.998	0.998	1.000	1.001
12/31/2009	1.291	1.107	1.011	0.984	0.993	0.991	0.995	0.998	1.000	1.000	
12/31/2010	1.259	1.107	1.011	0.984	0.994	0.995	0.996	0.999	1.000		
12/31/2011	1.295	1.115	1.010	0.984	0.992	0.992	0.999	0.999			
12/31/2012	1.310	1.092	1.012	0.996	0.994	0.998	0.998				
12/31/2013	1.261	1.115	1.039	1.008	0.996	0.998					
12/31/2014	1.314	1.180	1.068	1.007	0.997						
12/31/2015	1.365	1.205	1.062	1.008							
12/31/2016	1.440	1.213	1.068								
12/31/2017	1.447	1.219									
12/31/2018	1.396										

3 Yr Mean	1.428	1.212	1.066	1.008	0.996	0.996	0.998	0.999	0.999	1.000	1.000
Best 3/5	1.400	1.199	1.056	1.004	0.995	0.995	0.996	0.998	0.999	1.000	1.001

A.Y.E.	159:147	171:159	183:171	195:183	207:195	219:207	231:219	243:231
12/31/2000	1.000	1.000	1.001	1.000	1.000	1.000	1.000	1.000
12/31/2001	1.000	1.001	1.001	1.000	1.000	1.000	1.000	1.000 *
12/31/2002	1.002	1.000	1.001	1.000	1.001	1.001	1.000 *	1.000 *
12/31/2003	1.000	0.999	1.000	1.001	1.001	1.000 *	1.000 *	1.000 *
12/31/2004	1.000	1.000	0.999	1.002	1.000 *	1.000 *	1.000 *	1.000 *
12/31/2005	1.000	1.000	1.001					
12/31/2006	0.999	1.004						
12/31/2007	1.001							

3 Yr Mean	1.000	1.001	1.000	1.001	1.001 @	1.000 @	1.000 @	1.000 @
Best 3/5	1.000	1.000	1.001	1.000	1.000 *	1.000 *	1.000 *	1.000 *

Development From

A.Y.E.	15/ 27	27/ 39	39/ 51	51/ 63	63/ 75	75/ 87	87/ 99	99/111	111/123	123/135	135/147
12/31/2015					0.995	0.995	0.996	0.998	0.999	1.000	1.001
12/31/2016				1.004	0.995	0.995	0.996	0.998	0.999	1.000	1.001
12/31/2017			1.056	1.004	0.995	0.995	0.996	0.998	0.999	1.000	1.001
12/31/2018		1.199	1.056	1.004	0.995	0.995	0.996	0.998	0.999	1.000	1.001
12/31/2019	1.400	1.199	1.056	1.004	0.995	0.995	0.996	0.998	0.999	1.000	1.001

A.Y.E.	147/159	159/171	171/183	183/195	195/207	207/219	219/231	231/243	243/U1t	FACTORS
12/31/2015	1.000	1.000	1.001	1.000	1.000	1.000	1.000	1.000	1.000*	0.985
12/31/2016	1.000	1.000	1.001	1.000	1.000	1.000	1.000	1.000	1.000*	0.989
12/31/2017	1.000	1.000	1.001	1.000	1.000	1.000	1.000	1.000	1.000*	1.044
12/31/2018	1.000	1.000	1.001	1.000	1.000	1.000	1.000	1.000	1.000*	1.252
12/31/2019	1.000	1.000	1.001	1.000	1.000	1.000	1.000	1.000	1.000*	1.753

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

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

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

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BODILY INJURY - OCCURRENCE

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Link Ratios

A.Y.E.	27: 15	39: 27	51: 39	63: 51	75: 63	87: 75	99: 87	111: 99	123:111	135:123	147:135
12/31/2000	1.365	1.137	1.014	0.966	1.011	1.017	0.988	1.010	0.993	0.998	1.000
12/31/2001	1.356	1.172	0.923	0.993	1.020	1.004	1.015	0.994	1.010	0.999	1.005
12/31/2002	1.287	1.000	1.063	1.079	0.967	0.991	1.004	0.990	1.000	1.003	1.000
12/31/2003	1.451	0.917	1.151	1.041	0.955	0.977	0.990	0.998	0.999	1.004	1.001
12/31/2004	1.118	1.290	1.030	0.909	0.963	0.989	0.995	0.997	1.002	1.001	1.000
12/31/2005	1.291	1.099	0.934	0.965	0.978	0.994	1.007	0.991	1.001	1.000	1.000
12/31/2006	1.352	1.220	1.029	0.938	1.005	0.989	0.996	1.002	0.999	1.000	0.998
12/31/2007	1.263	1.136	1.012	0.983	0.982	0.995	1.008	0.997	0.995	0.997	0.998
12/31/2008	1.271	1.050	1.001	1.025	0.969	1.012	0.998	0.992	0.999	0.998	1.000
12/31/2009	1.174	1.175	1.042	0.994	1.008	1.000	0.998	1.001	1.006	1.003	
12/31/2010	1.209	1.205	1.001	0.982	0.989	0.987	0.994	0.999	1.001		
12/31/2011	1.363	1.125	1.076	0.991	1.001	1.000	0.997	0.999			
12/31/2012	1.396	1.073	1.036	0.976	1.007	1.039	0.984				
12/31/2013	1.208	1.172	1.083	0.973	1.018	1.010					
12/31/2014	1.418	1.175	1.064	1.015	0.998						
12/31/2015	1.459	1.161	1.077	1.012							
12/31/2016	1.440	1.231	1.038								
12/31/2017	1.545	1.225									
12/31/2018	1.417										

3 Yr Mean	1.467	1.206	1.060	1.000	1.008	1.016	0.992	1.000	1.002	0.999	0.999
Best 3/5	1.439	1.191	1.060	0.993	1.002	1.003	0.996	0.998	1.000	0.999	0.999

A.Y.E.	159:147	171:159	183:171	195:183	207:195	219:207	231:219	243:231
12/31/2000	1.000	1.006	1.000	1.000	1.000	1.006	1.000	1.000
12/31/2001	1.000	1.002	1.001	1.000	1.005	1.000	1.000	1.000 *
12/31/2002	0.999	1.010	0.998	1.005	1.000	1.000	1.000 *	1.000 *
12/31/2003	1.001	1.002	1.000	1.001	0.999	1.000 *	1.000 *	1.000 *
12/31/2004	1.000	1.000	1.000	1.000	1.000 *	1.000 *	1.000 *	1.000 *
12/31/2005	1.000	1.000	1.003					
12/31/2006	1.000	1.000						
12/31/2007	1.000							

3 Yr Mean	1.000	1.000	1.001	1.002	1.001 @	1.002 @	1.000 @	1.000 @
Best 3/5	1.000	1.001	1.000	1.000	1.000 *	1.000 *	1.000 *	1.000 *

Development From

A.Y.E.	15/ 27	27/ 39	39/ 51	51/ 63	63/ 75	75/ 87	87/ 99	99/111	111/123	123/135	135/147
12/31/2015					1.002	1.003	0.996	0.998	1.000	0.999	0.999
12/31/2016				0.993	1.002	1.003	0.996	0.998	1.000	0.999	0.999
12/31/2017			1.060	0.993	1.002	1.003	0.996	0.998	1.000	0.999	0.999
12/31/2018		1.191	1.060	0.993	1.002	1.003	0.996	0.998	1.000	0.999	0.999
12/31/2019	1.439	1.191	1.060	0.993	1.002	1.003	0.996	0.998	1.000	0.999	0.999

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

* Calculated Using Modified Bondy Method

@ Three year mean Excludes Modified Bondy ratios

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

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

PREMISES/OPERATIONS (Subline Code 334)
OWNERS, LANDLORDS AND TENANTS
FULL COVERAGE
MULTISTATE
BODILY INJURY - OCCURRENCE
INCURRED ACCIDENT YEAR INCREMENTAL ALAE DEVELOPMENT

A.Y.E.	27: 15	39: 27	51: 39	63: 51	75: 63	87: 75	99: 87	111: 99	123: 111	135: 123	147: 135	159:147	171:159
12/31/2000	27,758,575	28,808,554	18,976,432	9,243,178	6,328,961	3,626,973	2,814,414	1,045,146	-538,390	1,595,060	1,947,384	-626,129	741,498
12/31/2001	26,120,490	28,854,847	23,384,728	14,514,949	9,070,737	4,245,441	2,366,257	2,491,916	1,920,859	821,714	46,923	980,333	2,465,287
12/31/2002	27,959,467	34,274,634	26,507,471	15,342,920	5,722,258	3,204,519	1,826,186	-531,977	1,255,425	249,137	122,375	635,315	291,600
12/31/2003	31,880,733	37,607,391	24,999,441	14,361,114	5,352,097	1,913,165	2,321,630	1,396,404	726,373	836,553	941,873	670,574	-122,301
12/31/2004	35,318,898	34,971,370	28,137,558	12,956,052	4,340,071	2,599,594	1,313,991	1,754,410	507,026	950,173	745,469	867,252	1,036,624
12/31/2005	33,808,839	40,755,720	27,909,033	11,185,292	5,863,226	2,894,498	1,624,549	1,602,721	1,005,833	758,076	1,371,803	-1,329,725	121,256
12/31/2006	35,033,472	42,647,597	26,110,086	16,522,498	5,513,444	2,634,392	3,989	1,331,297	3,024,788	482,684	155,556	475,341	134,417
12/31/2007	38,246,823	51,034,936	34,303,150	15,087,283	5,011,639	2,715,707	1,817,366	2,021,267	-121,264	-31,397	-6,636	196,572	
12/31/2008	44,762,408	48,430,072	37,499,898	18,319,726	5,581,451	3,823,965	1,821,178	936,709	491,109	566,869	540,860		
12/31/2009	43,769,186	54,603,385	36,326,420	16,939,391	9,287,647	5,040,468	3,686,802	643,099	3,950,924	4,379,388			
12/31/2010	53,247,333	57,856,173	36,324,939	19,775,024	8,401,283	3,442,524	2,717,030	1,086,784	939,193				
12/31/2011	51,980,452	61,155,084	39,566,096	17,781,767	7,690,043	4,727,529	1,142,490	878,123					
12/31/2012	47,070,141	54,447,245	38,534,128	20,464,961	6,513,782	3,871,581	2,642,162						
12/31/2013	53,510,422	56,961,017	51,083,864	21,470,420	5,122,551	5,991,682							
12/31/2014	57,470,614	68,576,935	46,960,525	26,869,506	10,233,523								
12/31/2015	57,138,774	70,095,576	45,406,397	20,973,420									
12/31/2016	52,692,686	69,315,796	45,804,556										
12/31/2017	58,606,412	69,953,703											
12/31/2018	57,141,991												

A.Y.E.	27: 15	39: 27	51: 39	63: 51	75: 63	87: 75	99: 87	111: 99	123: 111	135: 123	147: 135	159:147	171:159
12/31/2000	0.0583	0.0605	0.0398	0.0194	0.0133	0.0076	0.0059	0.0022	-0.0011	0.0033	0.0041	-0.0013	0.0016
12/31/2001	0.0548	0.0605	0.0490	0.0304	0.0190	0.0089	0.0050	0.0052	0.0040	0.0017	0.0001	0.0021	0.0052
12/31/2002	0.0582	0.0713	0.0552	0.0319	0.0119	0.0067	0.0038	-0.0011	0.0026	0.0005	0.0003	0.0013	0.0006
12/31/2003	0.0661	0.0780	0.0519	0.0298	0.0111	0.0040	0.0048	0.0029	0.0015	0.0017	0.0020	0.0014	-0.0003
12/31/2004	0.0699	0.0692	0.0557	0.0256	0.0086	0.0051	0.0026	0.0035	0.0010	0.0019	0.0015	0.0017	0.0021
12/31/2005	0.0652	0.0785	0.0538	0.0216	0.0113	0.0056	0.0031	0.0031	0.0019	0.0015	0.0026	-0.0026	0.0002
12/31/2006	0.0687	0.0837	0.0512	0.0324	0.0108	0.0052	0.0000	0.0026	0.0059	0.0009	0.0003	0.0009	0.0003
12/31/2007	0.0631	0.0842	0.0566	0.0249	0.0083	0.0045	0.0030	0.0033	-0.0002	-0.0001	0.0000	0.0003	
12/31/2008	0.0773	0.0837	0.0648	0.0316	0.0096	0.0066	0.0031	0.0016	0.0008	0.0010	0.0009		
12/31/2009	0.0684	0.0854	0.0568	0.0265	0.0145	0.0079	0.0058	0.0010	0.0062	0.0068			
12/31/2010	0.0762	0.0828	0.0520	0.0283	0.0120	0.0049	0.0039	0.0016	0.0013				
12/31/2011	0.0724	0.0851	0.0551	0.0248	0.0107	0.0066	0.0016	0.0012					
12/31/2012	0.0737	0.0852	0.0603	0.0320	0.0102	0.0061	0.0041						
12/31/2013	0.0742	0.0789	0.0708	0.0298	0.0071	0.0083							
12/31/2014	0.0710	0.0847	0.0580	0.0332	0.0126								
12/31/2015	0.0672	0.0825	0.0534	0.0247									
12/31/2016	0.0610	0.0802	0.0530										
12/31/2017	0.0622	0.0743											
12/31/2018	0.0560												

Best 3/5	0.0635	0.0806	0.0573	0.0288	0.0110	0.0068	0.0037	0.0015	0.0027	0.0011	0.0009	0.0009	0.0004
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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>
12/31/2000	38,080,672	40,616,375	42,485,996	44,126,785	44,833,073	44,495,517	44,317,670	44,054,958	44,872,155	44,973,527	45,160,446
12/31/2001	31,416,010	35,634,646	38,673,471	39,275,779	39,777,853	40,526,452	40,610,785	41,366,200	41,843,844	42,108,354	42,312,222
12/31/2002	29,379,760	32,439,381	34,994,276	37,141,412	38,055,559	38,498,646	38,682,859	38,945,304	38,931,308	39,068,236	39,480,125
12/31/2003	30,219,671	32,933,459	35,019,503	36,530,585	38,514,126	38,622,943	38,863,261	38,539,979	38,736,958	38,813,553	38,913,026
12/31/2004	28,585,086	33,021,215	33,713,788	34,718,573	36,731,368	36,432,717	36,362,673	36,366,311	36,954,905	37,508,607	37,563,316
12/31/2005	26,380,865	29,946,834	31,484,851	32,911,304	33,358,047	33,527,628	33,474,150	33,758,951	33,880,737	34,110,779	33,698,219
12/31/2006	27,644,628	28,348,376	30,548,704	31,654,643	32,081,874	32,671,963	33,166,124	33,343,354	33,723,187	33,747,964	34,030,339
12/31/2007	29,925,568	33,954,223	35,138,638	36,797,388	36,208,696	36,124,451	37,297,313	38,047,551	38,136,203	38,214,903	38,126,189
12/31/2008	34,005,973	36,896,115	38,820,674	38,958,899	39,377,474	40,110,223	39,927,702	39,164,715	39,565,573	39,540,805	39,575,254
12/31/2009	34,645,238	38,854,922	41,596,642	41,657,267	42,130,714	42,480,403	42,455,890	42,838,420	43,006,949	43,355,172	43,534,577
12/31/2010	38,042,157	42,388,715	42,941,864	44,229,160	43,828,121	43,781,288	44,350,689	44,854,453	44,736,275	44,716,185	
12/31/2011	45,407,468	48,484,094	49,796,865	49,993,961	50,587,954	50,688,332	51,133,775	51,552,149	51,690,408		
12/31/2012	38,990,231	41,292,979	43,431,062	43,822,072	44,144,968	44,202,196	44,811,065	44,944,842			
12/31/2013	41,087,987	45,925,992	46,888,214	48,499,385	48,810,933	50,102,533	50,200,487				
12/31/2014	44,959,619	45,247,417	47,726,500	49,304,610	50,140,254	50,552,895					
12/31/2015	39,823,972	43,495,929	48,847,363	52,073,711	52,470,448						
12/31/2016	34,636,763	41,067,502	44,222,663	46,269,531							
12/31/2017	37,904,680	46,465,421	51,356,449								
12/31/2018	42,327,679	50,796,727									
12/31/2019	43,831,557										
<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>		
12/31/2000	45,099,553	45,252,597	45,493,947	45,498,186	45,608,289	45,646,138	45,685,635	45,758,119	45,786,966		
12/31/2001	42,549,860	42,838,161	42,576,575	42,619,854	42,639,324	42,808,059	42,845,615	42,863,633			
12/31/2002	39,582,744	39,572,877	39,837,875	39,792,065	40,004,983	40,064,849	39,831,793				
12/31/2003	39,074,099	39,042,273	39,027,625	39,089,942	39,203,043	39,260,664					
12/31/2004	37,548,094	37,547,675	37,650,752	37,687,791	37,697,300						
12/31/2005	33,789,158	33,738,371	33,648,286	33,707,678							
12/31/2006	34,067,156	34,049,201	34,101,402								
12/31/2007	37,951,648	37,968,389									
12/31/2008	39,879,891										

PREMISES/OPERATIONS (Subline Code 334)
OWNERS, LANDLORDS AND TENANTS
FULL COVERAGE
MULTISTATE
PROPERTY DAMAGE - OCCURRENCE

INCURRED ACCIDENT YEAR BASIC LIMITS LOSS DEVELOPMENT EXCLUDING ALAE

Link Ratios

A.Y.E.	27: 15	39: 27	51: 39	63: 51	75: 63	87: 75	99: 87	111: 99	123:111	135:123	147:135
12/31/2000	1.067	1.046	1.039	1.016	0.992	0.996	0.994	1.019	1.002	1.004	0.999
12/31/2001	1.134	1.085	1.016	1.013	1.019	1.002	1.019	1.012	1.006	1.005	1.006
12/31/2002	1.104	1.079	1.061	1.025	1.012	1.005	1.007	1.000	1.004	1.011	1.003
12/31/2003	1.090	1.063	1.043	1.054	1.003	1.006	0.992	1.005	1.002	1.003	1.004
12/31/2004	1.155	1.021	1.030	1.058	0.992	0.998	1.000	1.016	1.015	1.001	1.000
12/31/2005	1.135	1.051	1.045	1.014	1.005	0.998	1.009	1.004	1.007	0.988	1.003
12/31/2006	1.025	1.078	1.036	1.013	1.018	1.015	1.005	1.011	1.001	1.008	1.001
12/31/2007	1.135	1.035	1.047	0.984	0.998	1.032	1.020	1.002	1.002	0.998	0.995
12/31/2008	1.085	1.052	1.004	1.011	1.019	0.995	0.981	1.010	0.999	1.001	1.008
12/31/2009	1.122	1.071	1.001	1.011	1.008	0.999	1.009	1.004	1.008	1.004	
12/31/2010	1.114	1.013	1.030	0.991	0.999	1.013	1.011	0.997	1.000		
12/31/2011	1.068	1.027	1.004	1.012	1.002	1.009	1.008	1.003			
12/31/2012	1.059	1.052	1.009	1.007	1.001	1.014	1.003				
12/31/2013	1.118	1.021	1.034	1.006	1.026	1.002					
12/31/2014	1.006	1.055	1.033	1.017	1.008						
12/31/2015	1.092	1.123	1.066	1.008							
12/31/2016	1.186	1.077	1.046								
12/31/2017	1.226	1.105									
12/31/2018	1.200										

3 Yr Mean	1.204	1.102	1.048	1.010	1.012	1.008	1.007	1.001	1.002	1.001	1.001
Best 3/5	1.159	1.079	1.038	1.009	1.004	1.008	1.007	1.003	1.001	1.001	1.001

A.Y.E.	159:147	171:159	183:171	195:183	207:195	219:207	231:219	243:231			
12/31/2000	1.003	1.005	1.000	1.002	1.001	1.001	1.002	1.001			
12/31/2001	1.007	0.994	1.001	1.000	1.004	1.001	1.000	1.001 *			
12/31/2002	1.000	1.007	0.999	1.005	1.001	0.994	1.001 *	1.001 *			
12/31/2003	0.999	1.000	1.002	1.003	1.001	1.001 *	1.001 *	1.001 *			
12/31/2004	1.000	1.003	1.001	1.000	1.002 *	1.001 *	1.001 *	1.001 *			
12/31/2005	0.998	0.997	1.002								
12/31/2006	0.999	1.002									
12/31/2007	1.000										

3 Yr Mean	0.999	1.001	1.002	1.003	1.002 @	0.999 @	1.001 @	1.001 @			
Best 3/5	0.999	1.002	1.001	1.002	1.001 *	1.001 *	1.001 *	1.001 *			

Development From

A.Y.E.	15/ 27	27/ 39	39/ 51	51/ 63	63/ 75	75/ 87	87/ 99	99/111	111/123	123/135	135/147
12/31/2015					1.004	1.008	1.007	1.003	1.001	1.001	1.001
12/31/2016				1.009	1.004	1.008	1.007	1.003	1.001	1.001	1.001
12/31/2017			1.038	1.009	1.004	1.008	1.007	1.003	1.001	1.001	1.001
12/31/2018		1.079	1.038	1.009	1.004	1.008	1.007	1.003	1.001	1.001	1.001
12/31/2019	1.159	1.079	1.038	1.009	1.004	1.008	1.007	1.003	1.001	1.001	1.001

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

* Calculated Using Modified Bondy Method

@ Three year mean Excludes Modified Bondy ratios

PREMISES/OPERATIONS (Subline Code 334)
OWNERS, LANDLORDS AND TENANTS
DEDUCTIBLE
MULTISTATE
PROPERTY DAMAGE - OCCURRENCE
INCURRED ACCIDENT YEAR BASIC LIMITS LOSS DEVELOPMENT EXCLUDING ALAE

\$100,000 Basic Limit Losses as of:

<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>
12/31/2000	1,737,831	1,756,875	1,995,650	2,200,774	2,209,716	2,252,844	2,365,121	2,264,621	2,269,620	2,268,623	2,294,122
12/31/2001	2,209,705	2,276,362	2,615,578	2,673,972	2,689,000	2,806,553	2,648,486	2,646,084	2,901,042	2,910,988	3,085,353
12/31/2002	1,550,219	1,897,536	2,146,389	1,934,827	2,092,061	2,041,504	1,937,415	1,929,696	1,934,194	1,940,694	1,939,694
12/31/2003	1,857,201	2,170,516	2,150,913	2,620,836	2,583,232	2,581,125	2,665,480	2,694,764	2,664,415	2,614,914	2,578,914
12/31/2004	1,754,313	2,157,682	2,224,958	2,998,796	2,811,177	2,912,109	2,850,283	2,859,353	2,852,403	2,954,465	2,953,064
12/31/2005	1,734,726	1,976,630	2,469,008	2,358,063	2,326,428	2,345,165	2,417,114	2,608,613	2,431,692	2,443,837	2,447,935
12/31/2006	1,671,999	1,738,600	2,016,810	2,239,786	2,528,380	2,295,916	2,406,152	2,688,174	2,517,001	2,617,000	2,552,339
12/31/2007	1,587,658	1,985,969	1,961,487	2,060,898	2,088,277	2,104,189	2,015,614	2,012,689	2,012,689	2,012,689	2,012,690
12/31/2008	1,691,494	1,743,535	1,805,944	2,084,353	2,059,154	1,999,405	2,067,895	2,070,894	2,037,895	2,037,896	2,074,205
12/31/2009	1,888,228	1,798,961	1,808,379	1,865,436	1,861,916	1,870,732	1,862,854	1,915,432	1,915,432	1,921,432	1,913,901
12/31/2010	1,583,475	1,743,163	1,754,980	1,756,735	1,752,236	1,802,236	1,827,242	1,801,246	1,706,445	1,706,246	
12/31/2011	1,409,239	1,643,532	2,025,668	2,030,552	2,294,792	2,366,803	2,480,002	2,354,002	2,342,487		
12/31/2012	1,009,525	1,574,990	1,701,741	1,979,053	2,041,158	2,041,692	2,241,681	2,268,431			
12/31/2013	1,987,153	2,213,387	1,987,618	2,032,398	1,979,047	2,024,047	2,024,047				
12/31/2014	1,777,101	1,557,855	1,749,122	1,786,282	1,756,668	1,756,663					
12/31/2015	2,500,091	2,713,158	2,740,749	2,726,862	2,854,437						
12/31/2016	1,744,770	2,116,342	2,363,505	2,663,303							
12/31/2017	2,380,415	3,097,406	3,588,671								
12/31/2018	2,799,926	3,470,473									
12/31/2019	2,538,537										
<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>		
12/31/2000	2,268,622	2,265,247	2,265,556	2,265,557	2,265,556	2,265,556	2,365,556	2,370,556	2,370,556		
12/31/2001	2,986,825	3,009,103	2,884,102	2,884,102	2,898,565	2,998,566	3,003,565	3,003,565			
12/31/2002	1,948,194	1,948,194	1,948,194	1,948,194	2,048,194	2,044,916	2,044,694				
12/31/2003	2,581,914	2,681,915	2,689,815	2,978,916	2,986,812	2,986,812					
12/31/2004	3,052,565	3,054,440	3,054,340	3,054,440	3,054,340						
12/31/2005	2,446,608	2,442,805	2,447,227	2,447,371							
12/31/2006	2,647,800	2,728,171	2,738,171								
12/31/2007	2,012,689	2,019,071									
12/31/2008	2,054,850										

PREMISES/OPERATIONS (Subline Code 334)
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PROPERTY DAMAGE - OCCURRENCE

INCURRED ACCIDENT YEAR BASIC LIMITS LOSS DEVELOPMENT EXCLUDING ALAE

Link Ratios

A.Y.E.	27: 15	39: 27	51: 39	63: 51	75: 63	87: 75	99: 87	111: 99	123:111	135:123	147:135
12/31/2000	1.011	1.136	1.103	1.004	1.020	1.050	0.958	1.002	1.000	1.011	0.989
12/31/2001	1.030	1.149	1.022	1.006	1.044	0.944	0.999	1.096	1.003	1.060	0.968
12/31/2002	1.224	1.131	0.901	1.081	0.976	0.949	0.996	1.002	1.003	0.999	1.004
12/31/2003	1.169	0.991	1.218	0.986	0.999	1.033	1.011	0.989	0.981	0.986	1.001
12/31/2004	1.230	1.031	1.348	0.937	1.036	0.979	1.003	0.998	1.036	1.000	1.034
12/31/2005	1.139	1.249	0.955	0.987	1.008	1.031	1.079	0.932	1.005	1.002	0.999
12/31/2006	1.040	1.160	1.111	1.129	0.908	1.048	1.117	0.936	1.040	0.975	1.037
12/31/2007	1.251	0.988	1.051	1.013	1.008	0.958	0.999	1.000	1.000	1.000	1.000
12/31/2008	1.031	1.036	1.154	0.988	0.971	1.034	1.001	0.984	1.000	1.018	0.991
12/31/2009	0.953	1.005	1.032	0.998	1.005	0.996	1.028	1.000	1.003	0.996	
12/31/2010	1.101	1.007	1.001	0.997	1.029	1.014	0.986	0.947	1.000		
12/31/2011	1.166	1.233	1.002	1.130	1.031	1.048	0.949	0.995			
12/31/2012	1.560	1.080	1.163	1.031	1.000	1.098	1.012				
12/31/2013	1.114	0.898	1.023	0.974	1.023	1.000					
12/31/2014	0.877	1.123	1.021	0.983	1.000						
12/31/2015	1.085	1.010	0.995	1.047							
12/31/2016	1.213	1.117	1.127								
12/31/2017	1.301	1.159									
12/31/2018	1.239										

3 Yr Mean	1.251	1.095	1.048	1.001	1.008	1.049	0.982	0.981	1.001	1.005	1.009
Best 3/5	1.179	1.083	1.057	1.020	1.017	1.021	1.000	0.993	1.001	0.999	1.011

A.Y.E.	159:147	171:159	183:171	195:183	207:195	219:207	231:219	243:231			
12/31/2000	0.999	1.000	1.000	1.000	1.000	1.044	1.002	1.000			
12/31/2001	1.007	0.958	1.000	1.005	1.035	1.002	1.000	1.001 *			
12/31/2002	1.000	1.000	1.000	1.051	0.998	1.000	1.001 *	1.001 *			
12/31/2003	1.039	1.003	1.107	1.003	1.000	1.000 *	1.001 *	1.001 *			
12/31/2004	1.001	1.000	1.000	1.000	1.003 *	1.000 *	1.001 *	1.001 *			
12/31/2005	0.998	1.002	1.000								
12/31/2006	1.030	1.004									
12/31/2007	1.003										

3 Yr Mean	1.010	1.002	1.036	1.018	1.011 @	1.015 @	1.001 @	1.000 @			
Best 3/5	1.011	1.002	1.000	1.003	1.001 *	1.001 *	1.001 *	1.001 *			

Development From

A.Y.E.	15/ 27	27/ 39	39/ 51	51/ 63	63/ 75	75/ 87	87/ 99	99/111	111/123	123/135	135/147
12/31/2015					1.017	1.021	1.000	0.993	1.001	0.999	1.011
12/31/2016				1.020	1.017	1.021	1.000	0.993	1.001	0.999	1.011
12/31/2017			1.057	1.020	1.017	1.021	1.000	0.993	1.001	0.999	1.011
12/31/2018		1.083	1.057	1.020	1.017	1.021	1.000	0.993	1.001	0.999	1.011
12/31/2019	1.179	1.083	1.057	1.020	1.017	1.021	1.000	0.993	1.001	0.999	1.011

A.Y.E.	147/159	159/171	171/183	183/195	195/207	207/219	219/231	231/243	243/211	FACTORS
12/31/2015	1.011	1.002	1.000	1.003	1.001	1.001	1.001	1.001	1.004*	1.068
12/31/2016	1.011	1.002	1.000	1.003	1.001	1.001	1.001	1.001	1.004*	1.089
12/31/2017	1.011	1.002	1.000	1.003	1.001	1.001	1.001	1.001	1.004*	1.151
12/31/2018	1.011	1.002	1.000	1.003	1.001	1.001	1.001	1.001	1.004*	1.247
12/31/2019	1.011	1.002	1.000	1.003	1.001	1.001	1.001	1.001	1.004*	1.470

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

PREMISES/OPERATIONS (Subline Code 334)
OWNERS, LANDLORDS AND TENANTS
FULL COVERAGE
MULTISTATE
PROPERTY DAMAGE - OCCURRENCE
INCURRED ACCIDENT YEAR ALAE DEVELOPMENT

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

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

PREMISES/OPERATIONS (Subline Code 334)
OWNERS, LANDLORDS AND TENANTS
FULL COVERAGE
MULTISTATE
PROPERTY DAMAGE - OCCURRENCE
INCURRED ACCIDENT YEAR INCREMENTAL ALAE DEVELOPMENT

A.Y.E.	27: 15	39: 27	51: 39	63: 51	75: 63	87: 75	99: 87	111: 99	123: 111	135: 123	147: 135	159:147	171:159
12/31/2000	6,113,656	2,965,335	3,259,714	1,958,863	3,641,628	-2,323,800	3,983,563	605,694	552,801	282,877	79,257	395,631	170,974
12/31/2001	5,413,535	4,880,342	4,144,794	3,520,365	4,763,102	4,394,499	5,045,015	2,497,203	-481,095	949,922	1,007,995	318,562	-26,305
12/31/2002	3,599,070	4,065,970	5,572,337	6,442,989	3,614,665	1,969,889	951,418	755,443	271,735	101,768	124,451	136,131	-55,817
12/31/2003	3,501,703	4,300,589	3,410,906	4,219,911	1,422,227	1,396,980	686,539	365,577	719,121	379,132	-195,067	26,304	562
12/31/2004	3,848,494	4,581,344	3,230,049	4,194,181	3,053,303	993,449	1,051,766	393,771	538,258	925,411	554,302	366,867	270,733
12/31/2005	4,290,465	3,585,600	3,913,121	3,325,286	1,339,340	1,832,918	2,150,474	1,410,563	886,005	2,847,137	101,630	25,489	71,600
12/31/2006	3,533,697	4,994,530	3,708,486	3,080,306	2,425,389	1,279,549	165,491	1,559,452	-145,906	480,826	233,421	-113,493	279,934
12/31/2007	4,532,297	3,914,300	3,617,657	2,592,980	2,139,243	2,516,907	859,410	412,220	710,146	175,829	412,075	-116,913	
12/31/2008	5,584,098	4,375,662	5,634,264	4,783,416	2,549,196	1,224,085	1,162,838	2,124,520	332,792	362,495	578,253		
12/31/2009	5,103,699	4,616,173	4,317,456	3,171,574	2,056,371	700,677	1,212,834	482,641	4,501,852	-2,388,211			
12/31/2010	5,859,155	4,474,851	4,881,499	2,736,674	2,560,148	2,824,299	803,395	570,811	651,242				
12/31/2011	5,433,142	5,863,650	5,019,771	3,408,293	1,948,883	759,999	1,293,918	765,127					
12/31/2012	4,023,821	6,906,096	4,434,596	4,495,692	2,467,103	752,987	794,922						
12/31/2013	5,593,201	5,722,223	3,578,546	1,778,355	5,020,536	479,076							
12/31/2014	4,311,131	4,129,952	3,220,962	3,165,801	1,801,607								
12/31/2015	5,058,826	7,062,804	5,530,728	2,879,560									
12/31/2016	5,621,784	6,723,367	6,956,055										
12/31/2017	6,712,713	5,556,299											
12/31/2018	5,876,702												

A.Y.E.	27: 15	39: 27	51: 39	63: 51	75: 63	87: 75	99: 87	111: 99	123: 111	135: 123	147: 135	159:147	171:159
12/31/2000	0.1049	0.0509	0.0559	0.0336	0.0625	-0.0399	0.0683	0.0104	0.0095	0.0049	0.0014	0.0068	0.0029
12/31/2001	0.0930	0.0838	0.0712	0.0605	0.0818	0.0755	0.0867	0.0429	-0.0083	0.0163	0.0173	0.0055	-0.0005
12/31/2002	0.0630	0.0712	0.0975	0.1128	0.0633	0.0345	0.0167	0.0132	0.0048	0.0018	0.0022	0.0024	-0.0010
12/31/2003	0.0682	0.0838	0.0665	0.0822	0.0277	0.0272	0.0134	0.0071	0.0140	0.0074	-0.0038	0.0005	0.0000
12/31/2004	0.0747	0.0889	0.0627	0.0814	0.0592	0.0193	0.0204	0.0076	0.0104	0.0180	0.0108	0.0071	0.0053
12/31/2005	0.0963	0.0805	0.0878	0.0746	0.0301	0.0411	0.0483	0.0317	0.0199	0.0639	0.0023	0.0006	0.0016
12/31/2006	0.0788	0.1114	0.0827	0.0687	0.0541	0.0285	0.0037	0.0348	-0.0033	0.0107	0.0052	-0.0025	0.0062
12/31/2007	0.0927	0.0800	0.0740	0.0530	0.0437	0.0515	0.0176	0.0084	0.0145	0.0036	0.0084	-0.0024	
12/31/2008	0.1059	0.0830	0.1069	0.0908	0.0484	0.0232	0.0221	0.0403	0.0063	0.0069	0.0110		
12/31/2009	0.0880	0.0796	0.0744	0.0547	0.0355	0.0121	0.0209	0.0083	0.0776	-0.0412			
12/31/2010	0.0938	0.0717	0.0782	0.0438	0.0410	0.0452	0.0129	0.0091	0.0104				
12/31/2011	0.0735	0.0793	0.0679	0.0461	0.0264	0.0103	0.0175	0.0103					
12/31/2012	0.0660	0.1134	0.0728	0.0738	0.0405	0.0124	0.0130						
12/31/2013	0.0795	0.0814	0.0509	0.0253	0.0714	0.0068							
12/31/2014	0.0600	0.0575	0.0448	0.0441	0.0251								
12/31/2015	0.0667	0.0931	0.0729	0.0380									
12/31/2016	0.0834	0.0998	0.1032										
12/31/2017	0.0831	0.0688											
12/31/2018	0.0705												

Best 3/5	0.0734	0.0811	0.0655	0.0427	0.0359	0.0116	0.0172	0.0093	0.0104	0.0071	0.0081	-0.0004	0.0023
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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>
12/31/2000	16,096,480	18,002,137	31,636,054	32,226,649	32,927,486	33,844,949	34,160,523	34,240,472	34,429,349	34,228,157	33,992,491
12/31/2001	12,478,076	25,020,723	26,881,414	29,350,246	30,807,591	30,088,662	30,111,954	30,185,913	30,118,259	29,797,352	29,659,558
12/31/2002	13,657,889	15,792,058	16,804,002	18,505,865	16,656,132	17,223,591	16,454,788	16,305,282	16,617,904	16,431,854	16,455,417
12/31/2003	9,049,489	12,278,403	14,114,990	12,723,264	13,124,378	12,673,867	12,304,862	12,311,562	12,290,486	12,250,438	12,360,069
12/31/2004	15,556,335	17,584,806	18,579,082	18,198,335	17,516,913	17,607,945	17,890,406	17,750,627	17,728,687	18,114,501	17,887,430
12/31/2005	17,375,075	21,812,802	23,067,132	22,706,020	22,073,727	21,533,742	21,629,801	21,856,511	21,593,942	21,778,552	21,580,340
12/31/2006	20,155,777	23,396,849	24,617,556	23,592,702	23,203,762	22,844,633	22,708,577	22,890,553	22,772,315	22,752,146	23,027,146
12/31/2007	18,567,872	21,626,186	21,277,179	21,663,064	20,956,763	20,626,606	20,719,614	20,796,691	20,728,926	20,702,279	20,602,627
12/31/2008	14,636,093	16,311,629	16,518,121	15,813,101	16,051,816	16,187,155	16,593,119	16,444,894	16,475,785	16,494,429	16,411,442
12/31/2009	12,729,910	14,648,384	15,804,632	16,870,470	17,430,448	17,384,892	17,378,920	17,163,536	17,256,903	17,265,033	17,185,034
12/31/2010	10,209,176	12,079,974	12,641,064	13,673,789	13,454,686	13,499,741	13,472,950	13,152,205	13,375,665	13,492,721	
12/31/2011	10,777,664	11,469,147	12,683,876	12,799,193	13,356,182	13,191,994	13,073,009	13,143,533	13,264,150		
12/31/2012	8,051,367	10,627,302	11,018,979	10,995,521	11,040,207	10,627,209	10,710,013	10,895,010			
12/31/2013	8,647,329	10,355,433	11,920,323	12,468,100	12,655,353	12,647,921	12,736,955				
12/31/2014	9,145,372	11,382,503	13,993,802	14,976,833	15,337,126	15,712,693					
12/31/2015	9,528,975	13,138,412	16,626,952	18,158,459	18,941,780						
12/31/2016	10,854,992	13,878,571	15,992,252	15,957,789							
12/31/2017	10,381,541	13,749,034	15,349,397								
12/31/2018	9,247,524	11,242,145									
12/31/2019	6,750,321										

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

PREMISES/OPERATIONS (Subline Code 334)
OWNERS, LANDLORDS AND TENANTS
FULL COVERAGE
MULTISTATE
FRINGE COVERAGE - OCCURRENCE

INCURRED ACCIDENT YEAR BASIC LIMITS LOSS DEVELOPMENT EXCLUDING ALAE

Link Ratios

A.Y.E.	27: 15	39: 27	51: 39	63: 51	75: 63	87: 75	99: 87	111: 99	123:111	135:123	147:135
12/31/2000	1.118	1.757	1.019	1.022	1.028	1.009	1.002	1.006	0.994	0.993	1.003
12/31/2001	2.005	1.074	1.092	1.050	0.977	1.001	1.002	0.998	0.989	0.995	0.995
12/31/2002	1.156	1.064	1.101	0.900	1.034	0.955	0.991	1.019	0.989	1.001	1.012
12/31/2003	1.357	1.150	0.901	1.032	0.966	0.971	1.001	0.998	0.997	1.009	0.999
12/31/2004	1.130	1.057	0.980	0.963	1.005	1.016	0.992	0.999	1.022	0.987	1.004
12/31/2005	1.255	1.058	0.984	0.972	0.976	1.004	1.010	0.988	1.009	0.991	0.997
12/31/2006	1.161	1.052	0.958	0.984	0.985	0.994	1.008	0.995	0.999	1.012	0.999
12/31/2007	1.165	0.984	1.018	0.967	0.984	1.005	1.004	0.997	0.999	0.995	1.000
12/31/2008	1.114	1.013	0.957	1.015	1.008	1.025	0.991	1.002	1.001	0.995	1.003
12/31/2009	1.151	1.079	1.067	1.033	0.997	1.000	0.988	1.005	1.000	0.995	
12/31/2010	1.183	1.046	1.082	0.984	1.003	0.998	0.976	1.017	1.009		
12/31/2011	1.064	1.106	1.009	1.044	0.988	0.991	1.005	1.009			
12/31/2012	1.320	1.037	0.998	1.004	0.963	1.008	1.017				
12/31/2013	1.198	1.151	1.046	1.015	0.999	1.007					
12/31/2014	1.245	1.229	1.070	1.024	1.024						
12/31/2015	1.379	1.266	1.092	1.043							
12/31/2016	1.279	1.152	0.998								
12/31/2017	1.324	1.116									
12/31/2018	1.216										

3 Yr Mean	1.273	1.178	1.053	1.027	0.995	1.002	0.999	1.010	1.003	0.995	1.001
Best 3/5	1.283	1.177	1.038	1.027	0.997	1.002	0.995	1.005	1.000	0.995	1.001

A.Y.E.	159:147	171:159	183:171	195:183	207:195	219:207	231:219	243:231			
12/31/2000	0.997	1.003	1.000	1.003	1.000	1.003	1.000	1.000			
12/31/2001	1.010	1.000	1.002	1.000	1.004	1.000	1.003	1.001 *			
12/31/2002	1.005	1.001	0.999	1.006	1.006	1.000	1.001 *	1.001 *			
12/31/2003	1.000	0.999	1.008	1.000	1.000	1.002 *	1.001 *	1.001 *			
12/31/2004	0.999	1.002	1.006	1.000	1.001 *	1.002 *	1.001 *	1.001 *			
12/31/2005	1.005	0.996	0.995								
12/31/2006	1.000	1.009									
12/31/2007	1.001										

3 Yr Mean	1.002	1.002	1.003	1.002	1.003 @	1.001 @	1.002 @	1.000 @			
Best 3/5	1.000	1.001	1.002	1.001	1.002 *	1.001 *	1.001 *	1.001 *			

A.Y.E.	15/ 27	27/ 39	39/ 51	51/ 63	63/ 75	75/ 87	87/ 99	99/111	111/123	123/135	135/147
12/31/2015					0.997	1.002	0.995	1.005	1.000	0.995	1.001
12/31/2016				1.027	0.997	1.002	0.995	1.005	1.000	0.995	1.001
12/31/2017			1.038	1.027	0.997	1.002	0.995	1.005	1.000	0.995	1.001
12/31/2018		1.177	1.038	1.027	0.997	1.002	0.995	1.005	1.000	0.995	1.001
12/31/2019	1.283	1.177	1.038	1.027	0.997	1.002	0.995	1.005	1.000	0.995	1.001

A.Y.E.	147/159	159/171	171/183	183/195	195/207	207/219	219/231	231/243	243/211t	FACTORS
12/31/2015	1.000	1.001	1.002	1.001	1.002	1.001	1.001	1.001	1.004*	1.008
12/31/2016	1.000	1.001	1.002	1.001	1.002	1.001	1.001	1.001	1.004*	1.035
12/31/2017	1.000	1.001	1.002	1.001	1.002	1.001	1.001	1.001	1.004*	1.075
12/31/2018	1.000	1.001	1.002	1.001	1.002	1.001	1.001	1.001	1.004*	1.265
12/31/2019	1.000	1.001	1.002	1.001	1.002	1.001	1.001	1.001	1.004*	1.623

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

PREMISES/OPERATIONS (Subline Code 334)
OWNERS, LANDLORDS AND TENANTS
FULL COVERAGE
MULTISTATE
FRINGE COVERAGE - OCCURRENCE
INCURRED ACCIDENT YEAR ALAE DEVELOPMENT

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

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

PREMISES/OPERATIONS (Subline Code 334)
OWNERS, LANDLORDS AND TENANTS
FULL COVERAGE
MULTISTATE
FRINGE COVERAGE - OCCURRENCE
INCURRED ACCIDENT YEAR INCREMENTAL ALAE DEVELOPMENT

A.Y.E.	27: 15	39: 27	51: 39	63: 51	75: 63	87: 75	99: 87	111: 99	123: 111	135: 123	147: 135	159:147	171:159
12/31/2000	3,438,470	8,862,043	5,526,156	3,231,084	2,710,174	1,830,324	1,503,887	1,650,840	2,346,227	1,152,034	-265,226	-6,505	2,296
12/31/2001	9,834,027	6,260,098	4,000,505	5,800,498	1,702,635	1,291,954	1,436,574	274,949	-36,730	111,172	26,815	15,192	91,297
12/31/2002	2,959,085	1,881,225	2,488,455	193,406	1,996,933	1,786,960	175,756	483,564	1,009,958	40,816	39,265	799,572	2,120,816
12/31/2003	4,605,781	4,860,804	2,877,818	3,905,293	484,299	7,229,750	1,846,365	1,061,828	320,695	90,415	12,297	-17,855	0
12/31/2004	4,298,598	6,098,142	3,701,706	1,771,995	1,234,806	400,889	306,847	175,809	514,396	-26,793	426,510	-200,694	62,831
12/31/2005	4,986,536	5,051,836	3,845,126	1,572,711	721,229	2,396,648	274,574	3,606,905	3,175,813	462,960	48,032	1,606,834	470,157
12/31/2006	4,818,097	4,854,258	7,590,000	2,686,279	864,372	1,788,337	-885,290	661,375	122,456	193,634	150,965	177,327	205,929
12/31/2007	4,868,104	6,146,881	3,717,104	1,555,221	-368,384	560,063	424,500	-92,488	-22,233	76,064	0	52,472	
12/31/2008	4,632,618	3,716,349	3,182,931	1,896,341	916,244	697,131	554,991	438,647	202,733	-88,069	6,327		
12/31/2009	4,401,533	9,422,048	6,972,250	4,687,508	3,520,705	1,716,848	1,741,826	287,309	176,900	-2,886,638			
12/31/2010	8,566,799	3,863,243	2,894,280	4,741,860	2,536,210	1,046,193	175,083	715,401	306,222				
12/31/2011	10,268,355	5,520,903	11,267,818	2,337,463	4,090,247	730,749	1,059,222	902,846					
12/31/2012	4,036,481	4,986,308	4,557,550	7,281,777	189,709	5,584,010	519,935						
12/31/2013	7,110,412	5,184,375	4,215,070	4,166,188	1,570,210	4,123,611							
12/31/2014	3,784,992	5,100,692	4,365,987	2,861,961	4,097,106								
12/31/2015	7,129,539	6,298,755	6,085,171	4,391,839									
12/31/2016	4,884,804	2,966,159	2,272,977										
12/31/2017	7,989,214	6,573,063											
12/31/2018	8,230,290												

A.Y.E.	27: 15	39: 27	51: 39	63: 51	75: 63	87: 75	99: 87	111: 99	123: 111	135: 123	147: 135	159:147	171:159
12/31/2000	0.0633	0.1632	0.1018	0.0595	0.0499	0.0337	0.0277	0.0304	0.0432	0.0212	-0.0049	-0.0001	0.0000
12/31/2001	0.1998	0.1272	0.0813	0.1178	0.0346	0.0262	0.0292	0.0056	-0.0007	0.0023	0.0005	0.0003	0.0019
12/31/2002	0.1139	0.0724	0.0958	0.0074	0.0769	0.0688	0.0068	0.0186	0.0389	0.0016	0.0015	0.0308	0.0817
12/31/2003	0.2215	0.2338	0.1384	0.1878	0.0233	0.3478	0.0888	0.0511	0.0154	0.0043	0.0006	-0.0009	0.0000
12/31/2004	0.1479	0.2098	0.1274	0.0610	0.0425	0.0138	0.0106	0.0060	0.0177	-0.0009	0.0147	-0.0069	0.0022
12/31/2005	0.1509	0.1529	0.1164	0.0476	0.0218	0.0725	0.0083	0.1092	0.0961	0.0140	0.0015	0.0486	0.0142
12/31/2006	0.1325	0.1335	0.2087	0.0739	0.0238	0.0492	-0.0243	0.0182	0.0034	0.0053	0.0042	0.0049	0.0057
12/31/2007	0.1620	0.2046	0.1237	0.0518	-0.0123	0.0186	0.0141	-0.0031	-0.0007	0.0025	0.0000	0.0017	
12/31/2008	0.1798	0.1442	0.1235	0.0736	0.0356	0.0270	0.0215	0.0170	0.0079	-0.0034	0.0002		
12/31/2009	0.1432	0.3066	0.2269	0.1526	0.1146	0.0559	0.0567	0.0094	0.0058	-0.0939			
12/31/2010	0.3586	0.1617	0.1212	0.1985	0.1062	0.0438	0.0073	0.0299	0.0128				
12/31/2011	0.4207	0.2262	0.4616	0.0958	0.1676	0.0299	0.0434	0.0370					
12/31/2012	0.2315	0.2860	0.2614	0.4177	0.0109	0.3203	0.0298						
12/31/2013	0.3164	0.2307	0.1876	0.1854	0.0699	0.1835							
12/31/2014	0.1376	0.1855	0.1588	0.1041	0.1490								
12/31/2015	0.2149	0.1899	0.1835	0.1324									
12/31/2016	0.1698	0.1031	0.0790										
12/31/2017	0.2512	0.2067											
12/31/2018	0.3361												

Best 3/5	0.2120	0.1940	0.1766	0.1406	0.1083	0.0944	0.0316	0.0188	0.0057	0.0015	0.0020	0.0019	0.0074
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Multistate Review of ULAE Experience
General Liability Including CMP Liability
Loss Adjustment Expense Special Call
Calendar Years 2015- 2019

<u>Item *</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2015 - 2019 Mean</u>
1. Direct Losses Incurred	\$24,958,455	\$25,388,567	\$22,632,160	\$26,519,433	\$28,416,595	
2. Allocated Loss Adjustment Expenses Incurred (ALAE)	\$6,032,038	\$4,939,134	\$5,935,928	\$5,781,764	\$5,750,906	
3. Unallocated Loss Adjustment Expenses Incurred (ULAE)	\$2,454,825	\$2,540,806	\$2,332,466	\$2,282,751	\$2,814,839	
4. Incurred Losses + ALAE [(1) + (2)]	\$30,990,493	\$30,327,701	\$28,568,088	\$32,301,197	\$34,167,501	
	<u>Incurred Percentage</u>					
5. Ratio of ULAE to (Losses + ALAE) [(3)/(4)]	7.9%	8.4%	8.2%	7.1%	8.2%	8.0%
6. Selected	8.0%					

Notes: All dollar amounts are displayed in thousands.

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

PREMISES / OPERATIONS
TREND SUMMARY
AVERAGE ANNUAL PERCENT CHANGES

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

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

(3) <u>FREQUENCY TREND</u>	<u>M&C</u>	<u>OL&T</u>
Selected	0.0%	- 0.5%
(4) <u>TOTAL ANNUAL NET TREND</u>	+3.9%	+ 3.7%

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

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

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

MANUFACTURERS AND CONTRACTORS
AVERAGE ANNUAL EXPOSURE TRENDS
FOR ACCIDENT YEARS ENDING 12/31/2017, 12/31/2018 & 12/31/2019

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

CHANGE IN EXPOSURES		MANUFACTURERS	CONTRACTORS
7/1/2017 to 7/1/2022		(2022:4/2017:4)	1.046
7/1/2018 to 7/1/2022		(2022:4/2018:4)	1.032
7/1/2019 to 7/1/2022		(2022:4/2019:4)	1.022
AVERAGE ANNUAL TREND FACTOR			
7/1/2017 to 7/1/2022		(5.0 YRS)	1.009
7/1/2018 to 7/1/2022		(4.0 YRS)	1.008
7/1/2019 to 7/1/2022		(3.0 YRS)	1.007

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

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

<u>TYPE OF CLASS</u>	<u>VOLUME</u> ²	<u>INFLATION TREND</u> ³
FURNITURE	9.7%	-0.6%
OTHER DURABLES	6.2%	-1.4%
CLOTHING	9.7%	-1.4%
FOOD	43.1%	2.1%
OTHER NON-DURABLES	27.1%	1.5%
RECREATION SERVICES	4.2%	1.9%
TOTAL	100.0%	1.1% ⁴

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

² Volume weights are based on each type of class's inflation-adjusted contribution to GDP in year ending 12/31/2019. Inflation adjusted GDP is measured in terms of 2012 prices.

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

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

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

YEAR ENDING QUARTER		FURNITURE	OTHER DURABLE GOODS	CLOTHING AND SHOES	FOOD AND BEVERAGES	OTHER NONDURABLE GOODS	RECREATION SERVICES	YEAR ENDING QUARTER		FURNITURE	OTHER DURABLE GOODS	CLOTHING AND SHOES	FOOD AND BEVERAGES	OTHER NONDURABLE GOODS	RECREATION SERVICES
2009	1	1.066	0.986	0.947	0.931	0.919	0.940	2016	1	0.920	0.902	0.999	1.061	1.027	1.058
	2	1.069	0.986	0.950	0.936	0.930	0.942		2	0.913	0.901	0.999	1.063	1.030	1.064
	3	1.066	0.985	0.952	0.937	0.942	0.944		3	0.907	0.899	0.998	1.064	1.034	1.071
	4	1.061	0.986	0.956	0.936	0.953	0.947		4	0.900	0.899	0.998	1.065	1.038	1.077
2010	1	1.051	0.984	0.957	0.936	0.962	0.949	2017	1	0.895	0.897	0.999	1.066	1.042	1.086
	2	1.039	0.983	0.956	0.937	0.966	0.953		2	0.888	0.893	0.997	1.068	1.046	1.092
	3	1.027	0.982	0.953	0.940	0.968	0.955		3	0.882	0.890	0.995	1.071	1.048	1.100
	4	1.015	0.982	0.949	0.943	0.970	0.957		4	0.875	0.887	0.992	1.075	1.050	1.108
2011	1	1.006	0.987	0.947	0.948	0.973	0.960	2018	1	0.869	0.885	0.991	1.078	1.052	1.114
	2	1.001	0.994	0.949	0.955	0.977	0.964		2	0.866	0.882	0.994	1.082	1.054	1.120
	3	1.000	1.002	0.955	0.965	0.981	0.968		3	0.864	0.878	0.993	1.086	1.055	1.126
	4	1.000	1.008	0.965	0.975	0.985	0.973		4	0.866	0.871	0.993	1.090	1.056	1.131
2012	1	1.001	1.011	0.976	0.984	0.990	0.980	2019	1	0.868	0.862	0.991	1.095	1.055	1.136
	2	1.001	1.009	0.988	0.991	0.993	0.986		2	0.869	0.857	0.984	1.100	1.055	1.142
	3	1.000	1.005	0.994	0.996	0.997	0.993		3	0.872	0.852	0.984	1.105	1.056	1.147
	4	1.000	1.000	1.000	1.000	1.000	1.000		4	0.872	0.851	0.979	1.110	1.060	1.153
2013	1	0.998	0.994	1.005	1.004	1.001	1.005	2020	1	0.870	0.848	0.976	1.113	1.063	1.160
	2	0.994	0.989	1.006	1.008	1.001	1.009		2	0.869	0.842	0.961	1.117	1.066	1.166
	3	0.988	0.985	1.009	1.012	1.001	1.013		3P	0.869	0.836	0.944	1.124	1.071	1.173
	4	0.981	0.979	1.010	1.015	1.002	1.017		4P	0.869	0.831	0.931	1.133	1.075	1.177
2014	1	0.972	0.970	1.010	1.018	1.004	1.022	2021	1P	0.865	0.827	0.918	1.144	1.080	1.181
	2	0.962	0.959	1.012	1.024	1.006	1.028		2P	0.861	0.826	0.922	1.152	1.087	1.183
	3	0.954	0.950	1.013	1.030	1.009	1.032		3P	0.855	0.824	0.922	1.159	1.093	1.187
	4	0.947	0.940	1.013	1.038	1.013	1.036		4P	0.851	0.823	0.922	1.166	1.100	1.192
2015	1	0.940	0.931	1.011	1.045	1.017	1.038	2022	1P	0.849	0.823	0.922	1.172	1.107	1.198
	2	0.936	0.923	1.007	1.050	1.021	1.042		2P	0.848	0.823	0.922	1.179	1.114	1.204
	3	0.930	0.914	1.004	1.054	1.023	1.047		3P	0.849	0.824	0.923	1.186	1.121	1.211
	4	0.924	0.906	1.001	1.058	1.025	1.052		4P	0.850	0.825	0.924	1.193	1.129	1.219
Change In Exposures*								Average Annual Trend Factor							
7/1/2017 to 7/1/2022 (2022:4/2017:4)								7/1/2017 to 7/1/2022 (5.0 Years)							
		0.971	0.930	0.932	1.110	1.076	1.100			-0.6%	-1.4%	-1.4%	2.1%	1.5%	1.9%

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

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PREMISES/OPERATIONS
GOVERNMENTAL SUBDIVISIONS
OWNERS, LANDLORDS AND TENANTS
AVERAGE ANNUAL EXPOSURE TRENDS
FOR ACCIDENT YEARS ENDING 12/31/2017, 12 /31/2018 & 12/31/2019

(1) YEAR ENDING QUARTER			(2) YEARLY VALUES BASED ON MOODY'S ANALYTICS EXPOSURE HISTORY AND FORECASTS @			(1) YEAR ENDING QUARTER			(2) YEARLY VALUES BASED ON MOODY'S ANALYTICS EXPOSURE HISTORY AND FORECASTS @		
2009	1		0.926			2016	1		1.055		
	2		0.924				2		1.055		
	3		0.920				3		1.055		
	4		0.920				4		1.058		
2010	1		0.926			2017	1		1.064		
	2		0.933				2		1.069		
	3		0.940				3		1.076		
	4		0.947				4		1.085		
2011	1		0.954			2018	1		1.094		
	2		0.962				2		1.106		
	3		0.971				3		1.117		
	4		0.977				4		1.128		
2012	1		0.984			2019	1		1.135		
	2		0.988				2		1.141		
	3		0.992				3		1.146		
	4		1.000				4		1.150		
2013	1		1.007			2020	1		1.157		
	2		1.016				2		1.159		
	3		1.025				3P		1.161		
	4		1.033				4P		1.160		
2014	1		1.040			2021	1P		1.158		
	2		1.046				2P		1.159		
	3		1.052				3P		1.161		
	4		1.056				4P		1.165		
2015	1		1.056			2022	1P		1.170		
	2		1.057				2P		1.175		
	3		1.057				3P		1.181		
	4		1.056				4P		1.188		
CHANGE IN EXPOSURES						AVERAGE ANNUAL TREND FACTOR					
7/1/2017 to 7/1/2022			(2022:4/2017:4)	1.095		7/1/2017 to 7/1/2022			(5.0 YRS)	1.018	
7/1/2018 to 7/1/2022			(2022:4/2018:4)	1.053		7/1/2018 to 7/1/2022			(4.0 YRS)	1.013	
7/1/2019 to 7/1/2022			(2022:4/2019:4)	1.033		7/1/2019 to 7/1/2022			(3.0 YRS)	1.011	

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

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

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

(1) Accident Year <u>Ending</u>	(2) Basic Limit Paid <u>Losses *</u>	(3) Occurrences at <u>Ultimate</u>	(4) (2)/(3) Actual Severity	(5) Exponential Curve of Best Fit to Col (4)		
				<u>10 Year</u>	<u>8 Year</u>	<u>6 Year</u>
6/30/2010	\$ 236,666,579	4,191	\$ 56,470	\$ 55,105		
12/31/2010	236,203,716	4,305	54,867	56,260		
6/30/2011	251,692,000	4,457	56,471	57,439		
12/31/2011	261,093,208	4,307	60,621	58,642		
6/30/2012	232,851,092	3,790	61,438	59,871	\$ 59,630	
12/31/2012	216,624,874	3,552	60,987	61,125	60,904	
6/30/2013	215,836,528	3,562	60,594	62,406	62,205	
12/31/2013	226,003,627	3,646	61,987	63,713	63,534	
6/30/2014	253,264,172	3,877	65,325	65,048	64,892	\$ 65,153
12/31/2014	250,469,954	3,610	69,382	66,411	66,279	66,516
6/30/2015	226,035,976	3,386	66,756	67,803	67,695	67,908
12/31/2015	218,471,156	3,336	65,489	69,223	69,142	69,330
6/30/2016	220,626,062	3,088	71,446	70,673	70,619	70,781
12/31/2016	225,731,026	3,097	72,887	72,154	72,128	72,262
6/30/2017	224,437,358	3,130	71,705	73,666	73,669	73,774
12/31/2017	245,236,951	3,158	77,656	75,209	75,244	75,318
6/30/2018	251,833,749	3,140	80,202	76,785	76,851	76,895
12/31/2018	239,140,785	3,100	77,142	78,394	78,494	78,504
6/30/2019	238,753,012	3,068	77,820	80,036	80,171	80,147
12/31/2019	247,531,501	2,983	82,981	81,713	81,884	81,824
Goodness of Fit Statistic, R-Squared:				0.949	0.923	0.855
Average Annual Severity Trend (10 yr)				+ 4.2%		
Average Annual Severity Trend (8 yr)				+ 4.3%		
Average Annual Severity Trend (6 yr)				+ 4.2%		
Selected Annual Severity Trend				+ 4.5%		

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

NOTE: Trends are based on reported paid full coverage data developed to ultimate using paid development factors

(See Section B- Explanation of Trend Calculation).

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

(1) Accident Year <u>Ending</u>	(2) Basic Limit Paid <u>Losses *</u>	(3) Occurrences at <u>Ultimate</u>	(4) (2)/(3) Actual Severity	(5) Exponential Curve of Best Fit to Col (4)		
				<u>10 Year</u>	<u>8 Year</u>	<u>6 Year</u>
6/30/2010	\$ 164,506,430	15,426	\$ 10,664	\$ 10,808		
12/31/2010	168,280,881	15,959	10,545	11,089		
6/30/2011	173,462,691	16,045	10,811	11,377		
12/31/2011	175,727,650	15,857	11,082	11,673		
6/30/2012	168,884,528	15,193	11,116	11,976	\$ 12,538	
12/31/2012	180,436,874	14,269	12,645	12,287	12,803	
6/30/2013	182,169,716	13,708	13,289	12,606	13,074	
12/31/2013	176,023,937	12,921	13,623	12,934	13,351	
6/30/2014	181,686,031	12,562	14,463	13,270	13,633	\$ 14,279
12/31/2014	182,337,985	12,383	14,725	13,615	13,921	14,480
6/30/2015	185,774,109	12,099	15,355	13,969	14,215	14,684
12/31/2015	182,745,933	12,174	15,011	14,332	14,516	14,890
6/30/2016	179,002,296	12,353	14,491	14,704	14,823	15,099
12/31/2016	185,125,760	12,622	14,667	15,086	15,136	15,312
6/30/2017	185,275,600	12,555	14,757	15,478	15,456	15,527
12/31/2017	197,498,509	12,344	16,000	15,880	15,783	15,745
6/30/2018	196,287,419	12,411	15,816	16,293	16,117	15,966
12/31/2018	198,589,420	12,277	16,176	16,716	16,458	16,191
6/30/2019	196,386,466	12,074	16,265	17,151	16,806	16,418
12/31/2019	210,157,592	11,931	17,614	17,597	17,161	16,649
Goodness of Fit Statistic, R-Squared:				0.893	0.808	0.695
Average Annual Severity Trend (10 yr)				+ 5.3%		
Average Annual Severity Trend (8 yr)				+ 4.3%		
Average Annual Severity Trend (6 yr)				+ 2.8%		
Selected Annual Severity Trend				+ 4.5%		

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

NOTE: Trends are based on reported paid full coverage data developed to ultimate using paid development factors

(See Section B- Explanation of Trend Calculation).

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

(1) Accident Year <u>Ending</u>	(2) Basic Limit Paid <u>Losses *</u>	(3) Occurrences at <u>Ultimate</u>	(4) (2)/(3) Actual Severity	(5) Exponential Curve of Best Fit to Col (4)		
				<u>10 Year</u>	<u>8 Year</u>	<u>6 Year</u>
6/30/2010	\$ 22,756,919	596	\$ 38,183	\$ 42,517		
12/31/2010	18,700,917	575	32,523	42,107		
6/30/2011	18,600,421	501	37,127	41,701		
12/31/2011	18,776,803	498	37,704	41,299		
6/30/2012	18,373,357	471	39,009	40,900	\$ 48,205	
12/31/2012	16,581,481	441	37,600	40,506	46,929	
6/30/2013	18,985,662	424	44,778	40,115	45,687	
12/31/2013	24,207,264	475	50,963	39,728	44,478	
6/30/2014	22,628,985	520	43,517	39,345	43,300	\$ 50,208
12/31/2014	29,243,724	505	57,908	38,966	42,154	47,810
6/30/2015	21,666,574	507	42,735	38,590	41,038	45,527
12/31/2015	19,836,372	521	38,074	38,218	39,952	43,353
6/30/2016	21,250,954	523	40,633	37,849	38,894	41,283
12/31/2016	20,339,316	483	42,110	37,484	37,865	39,311
6/30/2017	17,739,797	507	34,990	37,122	36,862	37,434
12/31/2017	23,651,816	537	44,044	36,764	35,887	35,647
6/30/2018	22,331,882	535	41,742	36,410	34,937	33,944
12/31/2018	15,841,051	506	31,306	36,058	34,012	32,323
6/30/2019	12,936,969	465	27,821	35,711	33,112	30,780
12/31/2019	12,582,421	487	25,837	35,366	32,235	29,310
Goodness of Fit Statistic, R-Squared:				0.092	0.384	0.629
Average Annual Severity Trend (10 yr)				- 1.9%		
Average Annual Severity Trend (8 yr)				- 5.2%		
Average Annual Severity Trend (6 yr)				- 9.3%		
Selected Annual Severity Trend				0.0%		

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

NOTE: Trends are based on reported paid full coverage data developed to ultimate using paid development factors

(See Section B- Explanation of Trend Calculation).

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

(1) Accident Year <u>Ending</u>	(2) Basic Limit Paid <u>Losses *</u>	(3) Occurrences at <u>Ultimate</u>	(4) (2)/(3) Actual Severity	(5) Exponential Curve of Best Fit to Col (4)		
				<u>10 Year</u>	<u>8 Year</u>	<u>6 Year</u>
6/30/2010	\$ 629,669,934	19,244	\$ 32,720	\$ 32,673		
12/31/2010	663,135,928	19,596	33,840	33,452		
6/30/2011	684,690,593	19,929	34,356	34,249		
12/31/2011	678,946,473	19,079	35,586	35,066		
6/30/2012	615,328,807	16,889	36,434	35,901	\$ 35,602	
12/31/2012	585,802,474	16,014	36,581	36,757	36,482	
6/30/2013	614,696,504	16,768	36,659	37,633	37,383	
12/31/2013	665,157,050	17,677	37,628	38,530	38,307	
6/30/2014	741,540,944	18,910	39,214	39,448	39,254	\$ 39,323
12/31/2014	741,267,087	18,073	41,015	40,388	40,224	40,289
6/30/2015	728,574,942	17,567	41,474	41,351	41,218	41,279
12/31/2015	762,926,569	17,792	42,880	42,337	42,237	42,293
6/30/2016	728,464,822	16,702	43,615	43,346	43,281	43,332
12/31/2016	744,000,830	16,787	44,320	44,379	44,351	44,397
6/30/2017	775,640,537	17,503	44,315	45,436	45,447	45,487
12/31/2017	806,376,189	17,878	45,104	46,519	46,570	46,605
6/30/2018	870,473,437	18,652	46,669	47,628	47,721	47,750
12/31/2018	882,520,966	18,051	48,890	48,763	48,900	48,923
6/30/2019	832,221,030	16,673	49,914	49,925	50,109	50,125
12/31/2019	822,052,311	15,252	53,898	51,115	51,347	51,356
Goodness of Fit Statistic, R-Squared:				0.981	0.969	0.942
Average Annual Severity Trend (10 yr)				+ 4.8%		
Average Annual Severity Trend (8 yr)				+ 5.0%		
Average Annual Severity Trend (6 yr)				+ 5.0%		
Selected Annual Severity Trend				+ 4.5%		

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

NOTE: Trends are based on reported paid full coverage data developed to ultimate using paid development factors

(See Section B- Explanation of Trend Calculation).

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

(1) Accident Year <u>Ending</u>	(2) Basic Limit Paid <u>Losses *</u>	(3) Occurrences at <u>Ultimate</u>	(4) (2)/(3) Actual Severity	(5) Exponential Curve of Best Fit to Col (4)		
				<u>10 Year</u>	<u>8 Year</u>	<u>6 Year</u>
6/30/2010	\$ 73,652,798	8,334	\$ 8,838	\$ 8,173		
12/31/2010	72,405,900	8,570	8,449	8,385		
6/30/2011	74,704,730	8,802	8,487	8,601		
12/31/2011	78,951,874	8,688	9,087	8,823		
6/30/2012	75,395,767	7,958	9,474	9,051	\$ 8,778	
12/31/2012	71,375,349	7,524	9,486	9,285	9,034	
6/30/2013	70,097,416	7,644	9,170	9,525	9,297	
12/31/2013	74,176,560	7,611	9,746	9,771	9,569	
6/30/2014	72,847,181	7,796	9,344	10,024	9,848	\$ 9,318
12/31/2014	69,896,938	7,769	8,997	10,283	10,135	9,668
6/30/2015	80,656,135	7,476	10,789	10,548	10,431	10,031
12/31/2015	81,981,945	7,483	10,956	10,821	10,735	10,407
6/30/2016	78,176,131	7,447	10,498	11,101	11,048	10,798
12/31/2016	85,159,184	7,534	11,303	11,387	11,370	11,203
6/30/2017	88,136,147	7,936	11,106	11,682	11,702	11,623
12/31/2017	92,246,918	7,775	11,865	11,984	12,043	12,059
6/30/2018	97,269,729	7,481	13,002	12,293	12,395	12,512
12/31/2018	92,714,434	7,300	12,701	12,611	12,756	12,981
6/30/2019	93,402,373	7,029	13,288	12,937	13,128	13,468
12/31/2019	95,965,616	6,713	14,295	13,271	13,511	13,974
Goodness of Fit Statistic, R-Squared:				0.897	0.880	0.911
Average Annual Severity Trend (10 yr)				+ 5.2%		
Average Annual Severity Trend (8 yr)				+ 5.9%		
Average Annual Severity Trend (6 yr)				+ 7.6%		
Selected Annual Severity Trend				+ 5.5%		

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

NOTE: Trends are based on reported paid full coverage data developed to ultimate using paid development factors

(See Section B- Explanation of Trend Calculation).

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

(1) Accident Year <u>Ending</u>	(2) Basic Limit Paid <u>Losses *</u>	(3) Occurrences at <u>Ultimate</u>	(4) (2)/(3) Actual Severity	(5) Exponential Curve of Best Fit to Col (4)		
				<u>10 Year</u>	<u>8 Year</u>	<u>6 Year</u>
6/30/2010	\$ 42,818,549	556	\$ 77,012	\$ 89,839		
12/31/2010	34,027,052	520	65,437	87,846		
6/30/2011	40,240,950	469	85,802	85,897		
12/31/2011	50,093,985	416	120,418	83,991		
6/30/2012	38,520,728	346	111,332	82,128	\$ 85,957	
12/31/2012	31,127,986	338	92,095	80,306	83,603	
6/30/2013	31,057,570	382	81,303	78,524	81,313	
12/31/2013	32,207,509	413	77,984	76,782	79,087	
6/30/2014	35,697,762	475	75,153	75,078	76,921	\$ 66,138
12/31/2014	31,369,382	514	61,030	73,413	74,814	65,777
6/30/2015	38,785,792	602	64,428	71,784	72,766	65,418
12/31/2015	41,647,739	686	60,711	70,191	70,773	65,060
6/30/2016	38,144,204	704	54,182	68,634	68,835	64,705
12/31/2016	35,977,283	644	55,865	67,111	66,950	64,351
6/30/2017	34,558,971	575	60,103	65,622	65,116	64,000
12/31/2017	44,115,599	552	79,920	64,166	63,333	63,650
6/30/2018	55,391,961	550	100,713	62,743	61,599	63,303
12/31/2018	39,909,191	519	76,896	61,350	59,912	62,957
6/30/2019	21,774,753	453	48,068	59,989	58,271	62,613
12/31/2019	21,007,800	418	50,258	58,658	56,675	62,271
Goodness of Fit Statistic, R-Squared:				0.268	0.283	0.008
Average Annual Severity Trend (10 yr)				- 4.4%		
Average Annual Severity Trend (8 yr)				- 5.4%		
Average Annual Severity Trend (6 yr)				- 1.1%		
Selected Annual Severity Trend				0.0%		

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

NOTE: Trends are based on reported paid full coverage data developed to ultimate using paid development factors

(See Section B- Explanation of Trend Calculation).

PREMISES/OPERATIONS
MANUFACTURERS AND CONTRACTORS

FREQUENCY TREND INCLUDING FRINGE OCCURRENCES¹

MULTISTATE

Manual Classes (Full and Deductible Coverage)

Monoline and Multiline Combined

CGL Policies Only

Bodily Injury and Property Damage Combined

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

Selected Annual Frequency Trend: 0.0%

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

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

PREMISES/OPERATIONS
OWNERS, LANDLORDS AND TENANTS

FREQUENCY TREND INCLUDING FRINGE OCCURRENCES¹

MULTISTATE

Manual Classes (Full and Deductible Coverage)

Monoline and Multiline Combined

CGL Policies Only

Bodily Injury and Property Damage Combined

(1) Accident Year <u>Ending</u>	(2) Aggregate Loss Costs at <u>Current Level</u>	(3) Occurrences at Ultimate ¹	(4) Occurrence Frequency <u>(3)/(2)²</u>
12/31/2006	\$ 953,785,137	31,428	32.95
12/31/2007	1,015,425,783	33,517	33.01
12/31/2008	1,128,792,284	34,639	30.69
12/31/2009	1,194,709,824	33,355	27.92
12/31/2010	1,250,987,611	34,331	27.44
12/31/2011	1,253,405,593	32,185	25.68
12/31/2012	1,251,430,533	28,461	22.74
12/31/2013	1,255,625,092	30,908	24.62
12/31/2014	1,303,994,621	31,399	24.08
12/31/2015	1,391,835,790	32,137	23.09
12/31/2016	1,406,414,634	30,788	21.89
12/31/2017	1,432,362,241	32,836	22.92
12/31/2018	1,422,577,544	32,596	22.91
12/31/2019	1,380,657,666	29,915	21.67

Selected Annual Frequency Trend: - 0.5%

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

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

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

*Base Class

CLASS GROUP 01

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

CLASS GROUP 02

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

CLASS GROUP 03

10026	1.24	
10042	0.71	
10060	0.34	
10065	0.51	
10066	0.52	
10071	0.61	
10101	0.46	
10105	4.98	
10113	0.69	
10115	1.37	
10130	6.79	
10132	5.85	
10150	0.95	
10151	23.92	
10160	4.26	
10204	0.43	
10205	0.48	
10220	9.04	
10309	0.31	
10315	0.73	
11020	0.58	
11126	0.12	
11155	0.41	
11204	0.60	
11234	0.54	
11273	26.77	
11274	25.69	
12356	2.27	
12374	1.18	
12375	0.58	
12393	0.77	
12467	0.32	

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

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

CLASS GROUP 04

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

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

*Base Class

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

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

CLASS GROUP 30		CLASS GROUP 31		CLASS GROUP 32			
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	0.078
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)		CLASS GROUP 35		59647	1.34	51752	4.54
15406	1.35	51300	0.91	59773	0.17	51796	1.96
15488	3.37	51305	0.91	59774	0.14	51808	6.97
15733	0.88	51350	1.53	59775	0.18	51809	8.65
16009	1.08	51351	1.37	59889	0.56	51869	2.31
16588	0.50	51352	1.88	CLASS GROUP 36		51877	13.01
16604	0.84	51355	1.28	50010	5.03	51889	2.14
16694	1.66	51356	1.38	50015	3.27	51896	1.00
16819	4.78	51575	0.41	50017	2.49	51919	2.16
16820	3.70	51666	0.65	50045	5.69	51926	2.20
16890	0.56	51767	0.19	50047	0.64	51927	1.19
16891	0.61	51777	0.66	51201	0.86	51934	2.41
16892	1.11	51790	1.10	51205	2.62	51941	2.19
18506	1.76	51833	0.99	51206	0.41	51942	3.50
18616	1.34	51900	0.74	51240	10.34	51956	9.45
45380	1.03	52315	0.86	51241	30.72	51957	8.33
45771	1.57	52744	3.79	51251	0.89	51958	7.40
45819	0.51	53374	1.00	51252	3.12	51959	7.58
49239	0.77	53375	0.53	51253	2.66	51960	1.00
51315	0.50	53376	0.85	51254	0.83	51970	4.35
51357	0.71	53377	0.87	51340	0.85	51982	1.28
51358	1.71	53403	0.55	51370	10.10	51986	5.03
51359	1.50	53565	0.64	51380	1.01	51999	2.12
59925	1.54	55371	2.55	51500	1.91	52002	1.86
59926	1.31	55802	0.66	51550	2.36	52109	0.47
59927	0.88	56488	1.10	51551	0.82	52134	6.23
		56690	0.57	51552	1.42	52150	11.47
		57403	1.35	51553	2.53	52402	0.47
		58020	1.45	51554	0.24	52432	2.33
		58713	0.42	51576	4.54	52433	2.13
		59188	2.88	51600	3.09	52435	2.67
		59189	3.95	51613	2.04	52438	1.93
		59482	3.00	51741	5.38	52440	3.03
						52467	2.80

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

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

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

<u>CLASS GROUP 37</u>		52341	0.30	57411	0.28	59917	0.32
48636	10.49	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		
52076	1.47	56920	1.14	59892	0.77		
52137	0.48	57090	1.83	59904	0.52		
		57146	1.16	59915	1.73		

*

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

*Base Class

CLASS GROUP 38

10072	4.39
10367	3.88
10368	5.67
11007	1.65
11201	14.44
11202	4.27
11206	0.67
11207	8.46
11208	1.45
11209	6.81
11210	2.90
11211	15.07
11212	2.28
11213	1.86
11214	4.58
11222	0.077
14405	0.97
15070	0.13
15607	0.17
15699	0.42
16471	0.24
41620	1.21
41677	0.25
41696	0.79
41697	0.55
43470	4.60
43822	3.66
43840	0.045
43860	2.88
43889	1.03
44280	0.25
45678	0.27

46622	10.69	
47050	1.00	*
47367	0.25	
49005	0.17	
49840	1.03	
51516	0.075	
51517	0.085	
51985	0.070	
52660	0.089	
53734	0.45	
54012	0.045	
57997	0.10	
58408	0.059	
58409	0.075	
58456	0.040	
58457	0.058	
58458	0.075	
58459	0.09	

CLASS GROUP 39

11205	(a)
13206	(a)
13207	(a)
13411	(a)
15060	(a)
15061	(a)
18575	(a)
41675	(a)
41679	(a)
44010	(a)
51211	(a)
52876	(a)
53901	(a)
53902	(a)
53903	(a)
53904	(a)

53905	(a)
53951	(a)
53952	(a)
53953	(a)
54444	(a)
55014	(a)
55410	(a)
58561	(a)
59695	(a)
91210	(a)
91280	(a)
91325	(a)
91581	(a)
91582	(a)
91583	(a)
91584	(a)
91585	(a)
91586	(a)
91587	(a)
91588	(a)
91589	(a)
91591	(a)
91618	(a)
94444	(a)
94638	(a)
95358	(a)
95630	(a)
95648	(a)
96703	(a)
96930	(a)
97002	(a)
97003	(a)
97221	(a)
98150	(a)
98151	(a)
98156	(a)

98158	(a)
98162	(a)
98428	(a)
98430	(a)
98622	(a)
98623	(a)
98698	(a)
98871	(a)
99081	(a)
99082	(a)
99083	(a)
99084	(a)
99085	(a)
99160	(a)
99221	(a)
99445	(a)
99798	(a)
99803	(a)
99986	(a)
99987	(a)

CLASS EXCEPTIONS

The following class exceptions apply by state:

Class Group 10

47469 Not valid for New Jersey

Class Group 13

49292 For New York, territory 01, class is mapped to Class Group 14 {(a)-rated}
49920 Valid only for New York, territory 01, with a differential of 1.00

Class Group 14

49910 Valid only for New York
49913 Valid only for New York

Class Group 32

92447 Not valid for New York, territory 01
92453 Not valid for New York, territory 01
93166 Valid only for Louisiana, with a differential of 0.17
93167 Valid only for Louisiana, with a differential of 1.62

Class Group 33

91130 For New York, class is mapped to Class Group 39 {(a)-rated}
91600 Valid only for New York, with a differential of 1.32
91636 For New York, class is mapped to Class Group 39 {(a)-rated}
98751 For New York, class is mapped to Class Group 39 {(a)-rated}

Class Group 35

51029 Valid only for Hawaii, with a differential of 1.00
51098 Valid only for Hawaii, with a differential of 1.00

Class Group 38

41620 Not valid for New York

Class Group 39

93169 Valid only for Louisiana

SECTION F
SUPPORTING MATERIAL -- PRODUCTS
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MULTISTATE
PRODUCTS
CALCULATION OF AGGREGATE LOSS COSTS
AT CURRENT LEVEL

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

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

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

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

MULTISTATE
PRODUCTS
OCCURRENCE
FULL COVERAGE
CALCULATION OF INCURRED LOSSES

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

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

MULTISTATE
PRODUCTS
OCCURRENCE
DED COVERAGE
CALCULATION OF INCURRED LOSSES

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

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

MULTISTATE
Products
Subline Code 336
Combined Single Limit

Implicit Package Modification Factors (A) by Type of Policy

Type of Policy (B) -----	Description -----	Implicit Package Modification Factors -----
31	Not Applicable	--
32	Not Applicable	--
33	Not Applicable	--
34	Mercantile Policy	0.847
35	Not Applicable	--
36	Service Policy	0.917
37	Industrial/Processing Policy	0.874
38	Not Applicable	--

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

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

MULTISTATE
PRODUCTS

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

Accident Year Ending	<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>
12/31/2012	294,313,614	285,975,423	285,815,807	285,269,021	285,284,369	285,284,593	285,282,473	285,279,383
12/31/2013	291,676,148	294,092,380	293,024,503	292,993,448	292,997,136	292,997,660	292,991,699	
12/31/2014	300,498,902	305,693,324	305,523,656	305,500,483	305,413,400	305,407,279		
12/31/2015	301,748,313	302,072,614	301,879,697	301,787,976	301,658,526			
12/31/2016	289,649,613	289,162,594	289,281,526	289,341,443				
12/31/2017	285,437,455	286,447,433	286,303,524					
12/31/2018	283,304,260	282,999,859						
12/31/2019	282,263,230							

LINK RATIOS

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

Average Best 3 of 5

<u>27:15</u>	<u>39:27</u>
1.001	0.999

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

MULTISTATE PRODUCTS LOSS DEVELOPMENT DATA

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PRODUCTS (Subline Code 336)
FULL COVERAGE
MULTISTATE
BODILY INJURY - OCCURRENCE
INCURRED ACCIDENT YEAR BASIC LIMITS LOSS DEVELOPMENT EXCLUDING ALAE

\$100,000 Basic Limit Losses as of:											
A.Y.E.	15 Months	27 Months	39 Months	51 Months	63 Months	75 Months	87 Months	99 Months	111 Months	123 Months	135 Months
12/31/2000	7,473,846	10,729,094	14,071,409	15,880,255	15,738,860	15,619,209	16,273,679	15,631,229	15,499,885	15,568,184	15,481,595
12/31/2001	8,231,274	12,317,432	15,815,794	16,446,544	16,880,080	16,859,829	17,147,792	17,491,893	17,190,820	17,047,610	17,366,738
12/31/2002	7,018,229	10,700,460	14,429,437	16,378,092	15,586,609	14,774,453	14,437,476	14,201,243	14,196,889	14,224,960	14,513,480
12/31/2003	7,228,189	11,415,443	14,236,492	15,145,727	14,541,409	13,835,085	13,543,994	14,006,523	14,349,354	14,538,465	14,508,946
12/31/2004	7,160,414	10,844,149	14,345,301	15,958,927	15,388,112	14,453,131	14,521,341	14,403,289	14,765,202	14,877,382	14,878,960
12/31/2005	8,708,761	10,356,952	13,330,018	13,239,776	13,580,297	13,460,547	13,288,409	13,515,252	13,289,672	13,289,746	13,218,023
12/31/2006	8,045,767	12,703,559	16,967,245	17,176,393	16,485,538	16,649,735	16,602,337	16,806,388	17,052,160	17,004,493	16,646,263
12/31/2007	9,362,846	14,599,354	18,038,286	19,067,915	18,940,189	19,053,290	18,473,485	18,464,313	18,246,239	18,140,537	18,268,019
12/31/2008	9,562,550	13,726,422	16,398,237	17,214,328	18,956,150	17,663,444	17,437,569	17,354,898	17,386,405	17,430,593	17,668,612
12/31/2009	10,624,064	13,519,796	16,031,003	16,312,522	16,047,241	16,139,503	15,994,242	16,076,065	16,021,333	16,285,247	16,623,697
12/31/2010	11,059,633	15,363,249	16,865,131	17,555,631	17,733,041	16,353,060	16,104,307	16,097,694	16,123,460	16,043,736	
12/31/2011	8,606,729	11,816,428	15,071,652	15,377,311	14,802,603	14,589,272	14,464,946	14,607,628	15,105,039		
12/31/2012	8,718,522	13,002,276	16,774,601	17,038,494	17,187,074	16,723,272	16,537,263	17,278,071			
12/31/2013	6,458,241	9,678,518	13,306,421	14,310,180	14,660,496	14,449,961	14,829,020				
12/31/2014	6,960,086	9,615,799	13,108,027	14,875,442	14,301,209	14,931,625					
12/31/2015	6,730,026	9,166,802	12,114,663	13,292,827	12,927,122						
12/31/2016	5,803,315	8,328,535	10,965,818	11,739,182							
12/31/2017	6,284,651	9,692,884	13,016,047								
12/31/2018	6,850,985	9,890,542									
12/31/2019	6,006,708										

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

PRODUCTS (Subline Code 336)

FULL COVERAGE

MULTISTATE

BODILY INJURY - OCCURRENCE

INCURRED ACCIDENT YEAR BASIC LIMITS LOSS DEVELOPMENT EXCLUDING ALAE

Link Ratios

A.Y.E.	27: 15	39: 27	51: 39	63: 51	75: 63	87: 75	99: 87	111: 99	123:111	135:123	147:135
12/31/2000	1.436	1.312	1.129	0.991	0.992	1.042	0.961	0.992	1.004	0.994	1.001
12/31/2001	1.496	1.284	1.040	1.026	0.999	1.017	1.020	0.983	0.992	1.019	1.018
12/31/2002	1.525	1.348	1.135	0.952	0.948	0.977	0.984	1.000	1.002	1.020	1.032
12/31/2003	1.579	1.247	1.064	0.960	0.951	0.979	1.034	1.024	1.013	0.998	1.001
12/31/2004	1.514	1.323	1.112	0.964	0.939	1.005	0.992	1.025	1.008	1.000	0.991
12/31/2005	1.189	1.287	0.993	1.026	0.991	0.987	1.017	0.983	1.000	0.995	0.992
12/31/2006	1.579	1.336	1.012	0.960	1.010	0.997	1.012	1.015	0.997	0.979	1.018
12/31/2007	1.559	1.236	1.057	0.993	1.006	0.970	1.000	0.988	0.994	1.007	0.999
12/31/2008	1.435	1.195	1.050	1.101	0.932	0.987	0.995	1.002	1.003	1.014	1.004
12/31/2009	1.273	1.186	1.018	0.984	1.006	0.991	1.005	0.997	1.016	1.021	
12/31/2010	1.389	1.098	1.041	1.010	0.922	0.985	1.000	1.002	0.995		
12/31/2011	1.373	1.275	1.020	0.963	0.986	0.991	1.010	1.034			
12/31/2012	1.491	1.290	1.016	1.009	0.973	0.989	1.045				
12/31/2013	1.499	1.375	1.075	1.024	0.986	1.026					
12/31/2014	1.382	1.363	1.135	0.961	1.044						
12/31/2015	1.362	1.322	1.097	0.972							
12/31/2016	1.435	1.317	1.071								
12/31/2017	1.542	1.343									
12/31/2018	1.444										
3 Yr Mean	1.474	1.327	1.101	0.986	1.001	1.002	1.018	1.011	1.005	1.014	1.007
Best 3/5	1.420	1.343	1.081	0.981	0.982	0.990	1.005	1.000	0.998	1.005	0.998

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

Development From

A.Y.E.	15/ 27	27/ 39	39/ 51	51/ 63	63/ 75	75/ 87	87/ 99	99/111	111/123	123/135	135/147
12/31/2015					0.982	0.990	1.005	1.000	0.998	1.005	0.998
12/31/2016				0.981	0.982	0.990	1.005	1.000	0.998	1.005	0.998
12/31/2017			1.081	0.981	0.982	0.990	1.005	1.000	0.998	1.005	0.998
12/31/2018		1.343	1.081	0.981	0.982	0.990	1.005	1.000	0.998	1.005	0.998
12/31/2019	1.420	1.343	1.081	0.981	0.982	0.990	1.005	1.000	0.998	1.005	0.998

A.Y.E.	147/159	159/171	171/183	183/195	195/207	207/219	219/231	231/243	243/U1t	FACTORS
12/31/2015	1.008	1.001	1.001	1.008	1.003	1.001	1.000	1.000	1.000*	1.000
12/31/2016	1.008	1.001	1.001	1.008	1.003	1.001	1.000	1.000	1.000*	0.981
12/31/2017	1.008	1.001	1.001	1.008	1.003	1.001	1.000	1.000	1.000*	1.060
12/31/2018	1.008	1.001	1.001	1.008	1.003	1.001	1.000	1.000	1.000*	1.424
12/31/2019	1.008	1.001	1.001	1.008	1.003	1.001	1.000	1.000	1.000*	2.022

* Calculated Using Modified Bondy Method

@ Three year mean Excludes Modified Bondy ratios

PRODUCTS (Subline Code 336)
 DEDUCTIBLE
 MULTISTATE
 BODILY INJURY - OCCURRENCE
 INCURRED ACCIDENT YEAR BASIC LIMITS LOSS DEVELOPMENT EXCLUDING ALAE

\$100,000 Basic Limit Losses as of:											
A.Y.E.	15 Months	27 Months	39 Months	51 Months	63 Months	75 Months	87 Months	99 Months	111 Months	123 Months	135 Months
12/31/2000	873,634	1,075,574	1,264,786	1,553,268	1,443,449	1,419,159	1,419,163	1,539,750	1,631,917	1,528,279	1,657,475
12/31/2001	498,854	1,028,391	1,407,213	1,805,523	1,580,359	1,465,659	1,664,728	1,634,588	1,672,959	1,590,024	1,611,023
12/31/2002	544,701	1,105,166	1,578,740	1,506,828	1,743,546	1,739,779	1,813,428	1,637,505	1,610,578	1,612,973	1,610,628
12/31/2003	638,664	916,783	958,041	1,459,977	1,199,336	1,180,799	1,300,405	1,291,916	1,294,391	1,300,140	1,302,251
12/31/2004	1,259,180	1,530,336	1,941,957	2,221,735	2,165,491	2,131,175	2,095,646	2,166,085	2,164,890	2,166,354	2,166,558
12/31/2005	888,062	1,168,184	1,878,322	1,885,652	1,305,631	1,305,665	1,345,415	1,276,574	1,175,438	1,171,672	1,176,172
12/31/2006	1,340,484	1,854,486	2,200,712	1,941,673	1,681,231	1,612,987	1,547,736	1,595,185	1,495,268	1,499,768	1,527,326
12/31/2007	1,689,707	2,256,956	2,097,368	2,261,583	2,326,803	1,957,256	1,964,355	2,074,732	2,079,132	2,104,132	2,114,407
12/31/2008	1,138,042	1,538,456	1,941,961	1,984,373	2,050,592	2,101,219	2,216,733	2,189,203	2,114,204	2,101,854	2,199,628
12/31/2009	912,994	1,171,556	1,367,870	1,431,676	1,666,190	1,812,731	1,757,492	1,752,493	1,844,719	1,942,492	1,942,892
12/31/2010	1,027,500	1,740,936	1,637,725	1,765,625	1,849,562	1,947,469	1,900,800	1,803,024	2,391,943	2,037,891	
12/31/2011	1,218,383	1,754,275	2,018,417	1,730,949	1,708,771	1,713,520	1,811,521	1,818,619	1,788,519		
12/31/2012	959,829	1,256,122	1,670,834	1,495,076	1,369,224	1,591,159	1,694,233	1,630,938			
12/31/2013	743,389	1,164,532	1,333,962	1,554,424	1,636,437	1,696,686	1,738,135				
12/31/2014	592,767	1,205,729	1,509,544	1,687,940	1,752,715	1,675,637					
12/31/2015	866,797	1,281,265	1,275,846	1,587,857	1,833,976						
12/31/2016	862,318	928,240	1,278,113	1,393,807							
12/31/2017	418,811	1,320,819	1,696,420								
12/31/2018	841,713	793,494									
12/31/2019	1,077,916										

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

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

A.Y.E.	<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>			
12/31/2000	0.988	1.069	1.020	0.995	1.048	1.002	1.000	1.001			
12/31/2001	0.977	1.006	0.998	0.998	1.004	0.996	1.002	1.000 *			
12/31/2002	1.000	1.015	1.002	1.000	1.015	0.988	1.000 *	1.000 *			
12/31/2003	1.000	1.002	1.000	1.000	1.000	1.006 *	1.000 *	1.000 *			
12/31/2004	1.001	1.000	1.000	1.000	0.999 *	1.006 *	1.000 *	1.000 *			
12/31/2005	1.000	1.000	1.000								
12/31/2006	1.000	1.000									
12/31/2007	1.005										
3 Yr Mean	1.002	1.000	1.000	1.000	1.006 @	0.995 @	1.001 @	1.001 @			
Best 3/5	1.000	1.001	1.000	0.999	1.006 *	1.001 *	1.000 *	1.000 *			

Development From

A.Y.E.	<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>
12/31/2015					1.031	1.019	0.983	1.013	1.003	1.009	1.001
12/31/2016				1.026	1.031	1.019	0.983	1.013	1.003	1.009	1.001
12/31/2017			1.125	1.026	1.031	1.019	0.983	1.013	1.003	1.009	1.001
12/31/2018		1.227	1.125	1.026	1.031	1.019	0.983	1.013	1.003	1.009	1.001
12/31/2019	1.529	1.227	1.125	1.026	1.031	1.019	0.983	1.013	1.003	1.009	1.001

A.Y.E.	<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
12/31/2015	1.000	1.001	1.000	0.999	1.006	1.001	1.000	1.000	1.000*	1.067
12/31/2016	1.000	1.001	1.000	0.999	1.006	1.001	1.000	1.000	1.000*	1.095
12/31/2017	1.000	1.001	1.000	0.999	1.006	1.001	1.000	1.000	1.000*	1.232
12/31/2018	1.000	1.001	1.000	0.999	1.006	1.001	1.000	1.000	1.000*	1.511
12/31/2019	1.000	1.001	1.000	0.999	1.006	1.001	1.000	1.000	1.000*	2.311

* Calculated Using Modified Bondy Method

@ Three year mean Excludes Modified Bondy ratios

PRODUCTS (Subline Code 336)
FULL COVERAGE
MULTISTATE
BODILY INJURY - OCCURRENCE
INCURRED ACCIDENT YEAR ALAE DEVELOPMENT

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

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

PRODUCTS (Subline Code 336)
FULL COVERAGE
MULTISTATE
BODILY INJURY - OCCURRENCE
INCURRED ACCIDENT YEAR ALAE DEVELOPMENT

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

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

Best 3/5	0.0855	0.1409	0.1380	0.0866	0.0396	0.0150	0.0086	0.0066	0.0055	0.0017	0.0043	0.0061	0.0011
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PRODUCTS (Subline Code 336)
FULL COVERAGE
MULTISTATE
BODILY INJURY - OCCURRENCE
INCURRED ACCIDENT YEAR ALAE DEVELOPMENT

<u>A.Y.E.</u>	<u>183:171</u>	<u>195:183</u>	<u>207:195</u>	Link Ratios <u>219:207</u>	<u>231:219</u>	<u>243:231</u>	<u>Ult:243</u>
12/31/2000	1.006	1.010	1.009	1.007	1.014	1.007	1.033 *
12/31/2001	1.015	1.010	1.015	1.008	1.008	1.008 *	1.033 *
12/31/2002	0.968	1.006	1.023	1.014	1.009 *	1.008 *	1.033 *
12/31/2003	1.004	1.002	1.003	1.009 *	1.009 *	1.008 *	1.033 *
12/31/2004	1.014	0.995	1.005 *	1.009 *	1.009 *	1.008 *	1.033 *
12/31/2005	1.004						
Best 3/5	1.007	1.006	1.009 *	1.009 *	1.009 *	1.008 *	1.033 *

171 to Ultimate Factor: 1.084

	Cumulative Incremental Factors						
<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>
	0.540	0.454	0.313	0.175	0.089	0.049	0.034
<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>
	0.025	0.019	0.013	0.012	0.007	0.001	0.000

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

* Calculated Using Modified Bondy Method

PRODUCTS (Subline Code 336)
 FULL COVERAGE
 MULTISTATE
 PROPERTY DAMAGE - OCCURRENCE
 INCURRED ACCIDENT YEAR BASIC LIMITS LOSS DEVELOPMENT EXCLUDING ALAE

\$100,000 Basic Limit Losses as of:											
A.Y.E.	15 Months	27 Months	39 Months	51 Months	63 Months	75 Months	87 Months	99 Months	111 Months	123 Months	135 Months
12/31/2000	9,442,453	12,595,997	14,511,970	15,343,878	16,676,192	17,703,603	18,552,945	19,303,760	19,549,456	19,875,358	19,888,742
12/31/2001	11,352,927	14,665,038	18,711,896	19,696,500	19,611,935	20,309,474	21,442,362	21,341,015	21,845,669	22,043,334	22,328,133
12/31/2002	9,140,824	14,207,988	17,186,817	16,683,379	16,557,917	17,662,370	17,931,886	18,086,542	18,329,249	18,592,359	19,095,692
12/31/2003	10,897,192	12,589,552	14,878,060	16,148,413	17,510,366	18,785,505	19,117,935	19,730,659	20,298,476	20,586,735	20,682,183
12/31/2004	10,021,997	12,167,902	13,583,994	13,950,681	15,326,855	15,316,667	15,660,603	16,042,499	16,191,023	16,583,240	16,740,575
12/31/2005	11,527,978	13,714,275	13,727,131	14,394,665	14,762,252	15,242,516	15,208,555	16,231,598	16,299,313	16,940,340	17,252,157
12/31/2006	12,722,815	14,463,715	15,677,271	15,956,752	17,020,413	17,450,985	18,183,484	20,046,811	20,648,948	20,475,092	20,590,175
12/31/2007	17,124,759	19,503,428	20,500,343	20,625,847	21,786,418	22,593,375	23,929,136	24,613,440	24,910,504	25,665,904	26,242,419
12/31/2008	16,582,353	19,627,203	21,194,465	22,239,627	23,203,853	24,352,152	25,053,533	25,570,499	26,129,971	26,603,865	26,782,852
12/31/2009	18,862,503	21,787,343	23,590,782	23,596,808	23,808,579	24,526,676	24,191,140	24,840,688	25,193,460	25,077,777	25,371,362
12/31/2010	18,169,384	20,850,476	22,144,693	22,618,382	22,649,384	23,330,665	23,373,353	23,751,251	24,103,830	24,276,952	
12/31/2011	14,767,208	16,412,327	17,237,787	18,607,499	18,973,542	19,480,766	20,045,028	20,605,631	20,664,707		
12/31/2012	15,310,538	16,578,296	18,263,545	20,451,249	20,897,694	21,240,826	21,567,032	21,735,928			
12/31/2013	13,813,933	16,461,182	17,918,370	18,180,611	18,941,231	19,377,705	19,666,778				
12/31/2014	13,289,016	15,586,803	17,017,645	17,133,679	17,421,951	17,444,627					
12/31/2015	14,091,105	15,062,232	15,589,195	16,225,755	17,677,801						
12/31/2016	13,950,535	16,856,463	18,452,036	18,937,789							
12/31/2017	13,580,524	17,066,171	18,296,115								
12/31/2018	12,825,670	14,924,657									
12/31/2019	15,061,958										

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

PRODUCTS (Subline Code 336)

FULL COVERAGE

MULTISTATE

PROPERTY DAMAGE - OCCURRENCE

INCURRED ACCIDENT YEAR BASIC LIMITS LOSS DEVELOPMENT EXCLUDING ALAE

Link Ratios

A.Y.E.	27: 15	39: 27	51: 39	63: 51	75: 63	87: 75	99: 87	111: 99	123:111	135:123	147:135
12/31/2000	1.334	1.152	1.057	1.087	1.062	1.048	1.040	1.013	1.017	1.001	0.988
12/31/2001	1.292	1.276	1.053	0.996	1.036	1.056	0.995	1.024	1.009	1.013	1.001
12/31/2002	1.554	1.210	0.971	0.992	1.067	1.015	1.009	1.013	1.014	1.027	1.006
12/31/2003	1.155	1.182	1.085	1.084	1.073	1.018	1.032	1.029	1.014	1.005	1.023
12/31/2004	1.214	1.116	1.027	1.099	0.999	1.022	1.024	1.009	1.024	1.009	1.012
12/31/2005	1.190	1.001	1.049	1.026	1.033	0.998	1.067	1.004	1.039	1.018	0.992
12/31/2006	1.137	1.084	1.018	1.067	1.025	1.042	1.102	1.030	0.992	1.006	0.991
12/31/2007	1.139	1.051	1.006	1.056	1.037	1.059	1.029	1.012	1.030	1.022	1.005
12/31/2008	1.184	1.080	1.049	1.043	1.049	1.029	1.021	1.022	1.018	1.007	1.002
12/31/2009	1.155	1.083	1.000	1.009	1.030	0.986	1.027	1.014	0.995	1.012	
12/31/2010	1.148	1.062	1.021	1.001	1.030	1.002	1.016	1.015	1.007		
12/31/2011	1.111	1.050	1.079	1.020	1.027	1.029	1.028	1.003			
12/31/2012	1.083	1.102	1.120	1.022	1.016	1.015	1.008				
12/31/2013	1.192	1.089	1.015	1.042	1.023	1.015					
12/31/2014	1.173	1.092	1.007	1.017	1.001						
12/31/2015	1.069	1.035	1.041	1.089							
12/31/2016	1.208	1.095	1.026								
12/31/2017	1.257	1.072									
12/31/2018	1.164										
3 Yr Mean	1.210	1.067	1.025	1.049	1.013	1.020	1.017	1.011	1.007	1.014	0.999
Best 3/5	1.182	1.084	1.027	1.028	1.022	1.011	1.021	1.014	1.007	1.012	1.000

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

Development From

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

A.Y.E.	147/159	159/171	171/183	183/195	195/207	207/219	219/231	231/243	243/U1t	FACTORS
12/31/2015	0.997	1.004	1.000	0.999	1.000	1.000	1.000	1.000	1.000*	1.090
12/31/2016	0.997	1.004	1.000	0.999	1.000	1.000	1.000	1.000	1.000*	1.121
12/31/2017	0.997	1.004	1.000	0.999	1.000	1.000	1.000	1.000	1.000*	1.151
12/31/2018	0.997	1.004	1.000	0.999	1.000	1.000	1.000	1.000	1.000*	1.248
12/31/2019	0.997	1.004	1.000	0.999	1.000	1.000	1.000	1.000	1.000*	1.475

* Calculated Using Modified Bondy Method

@ Three year mean Excludes Modified Bondy ratios

PRODUCTS (Subline Code 336)
 DEDUCTIBLE
 MULTISTATE
 PROPERTY DAMAGE - OCCURRENCE
 INCURRED ACCIDENT YEAR BASIC LIMITS LOSS DEVELOPMENT EXCLUDING ALAE

\$100,000 Basic Limit Losses as of:											
A.Y.E.	15 Months	27 Months	39 Months	51 Months	63 Months	75 Months	87 Months	99 Months	111 Months	123 Months	135 Months
12/31/2000	881,981	1,403,398	1,852,970	1,697,543	1,785,874	1,955,489	2,343,312	2,529,715	2,673,661	2,888,667	2,958,533
12/31/2001	1,655,036	1,846,021	2,447,574	2,733,510	2,661,869	2,972,417	3,420,201	3,992,819	4,235,048	4,353,126	4,501,760
12/31/2002	792,779	1,413,278	1,684,193	2,099,656	2,690,430	2,814,672	2,966,986	3,081,315	3,682,598	3,669,629	3,668,830
12/31/2003	1,084,908	1,076,791	1,011,567	1,154,325	1,208,991	1,352,096	1,708,264	1,723,839	1,748,735	1,891,159	2,146,041
12/31/2004	698,423	1,285,503	1,590,908	1,341,501	1,211,530	1,263,277	1,250,828	1,220,525	1,323,174	1,420,512	1,420,706
12/31/2005	1,676,537	2,785,909	2,745,447	3,135,472	3,014,131	2,884,907	3,239,455	3,252,628	3,344,161	3,265,944	3,217,114
12/31/2006	2,709,173	3,828,126	4,450,110	4,142,996	4,085,655	4,220,634	4,658,488	4,730,271	4,856,970	4,985,919	5,020,003
12/31/2007	3,147,987	2,934,228	2,794,920	2,895,503	3,112,600	3,148,951	3,143,182	3,394,358	3,510,333	3,526,243	3,646,779
12/31/2008	2,296,149	2,532,105	3,008,852	3,125,863	2,919,539	2,977,845	3,144,737	3,232,876	3,243,072	3,163,285	3,270,284
12/31/2009	3,451,977	3,425,352	2,994,398	3,053,973	3,222,320	3,442,737	3,351,690	3,477,798	3,516,547	3,704,094	3,758,463
12/31/2010	1,964,884	2,830,798	3,057,448	2,849,819	2,837,586	2,948,116	2,975,358	2,895,560	2,945,573	3,180,473	
12/31/2011	3,184,589	3,208,492	3,039,215	3,044,912	3,222,783	3,135,788	3,099,706	3,099,229	3,104,205		
12/31/2012	2,644,430	2,762,516	2,902,587	2,810,472	2,922,504	2,700,270	2,713,625	2,747,281			
12/31/2013	3,491,847	3,527,426	3,640,383	3,595,202	3,547,940	3,622,641	3,584,464				
12/31/2014	2,971,920	3,952,572	4,092,912	4,219,687	4,255,953	4,259,286					
12/31/2015	2,289,847	2,368,540	2,762,369	2,902,685	3,017,091						
12/31/2016	2,185,048	2,514,756	2,265,683	2,420,753							
12/31/2017	1,861,919	2,388,729	2,887,762								
12/31/2018	2,278,343	3,221,640									
12/31/2019	2,099,509										

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

PRODUCTS (Subline Code 336)

DEDUCTIBLE

MULTISTATE

PROPERTY DAMAGE - OCCURRENCE

INCURRED ACCIDENT YEAR BASIC LIMITS LOSS DEVELOPMENT EXCLUDING ALAE

Link Ratios

A.Y.E.	27: 15	39: 27	51: 39	63: 51	75: 63	87: 75	99: 87	111: 99	123:111	135:123	147:135
12/31/2000	1.591	1.320	0.916	1.052	1.095	1.198	1.080	1.057	1.080	1.024	0.971
12/31/2001	1.115	1.326	1.117	0.974	1.117	1.151	1.167	1.061	1.028	1.034	0.965
12/31/2002	1.783	1.192	1.247	1.281	1.046	1.054	1.039	1.195	0.996	1.000	0.931
12/31/2003	0.993	0.939	1.141	1.047	1.118	1.263	1.009	1.014	1.081	1.135	1.032
12/31/2004	1.841	1.238	0.843	0.903	1.043	0.990	0.976	1.084	1.074	1.000	0.979
12/31/2005	1.662	0.985	1.142	0.961	0.957	1.123	1.004	1.028	0.977	0.985	1.005
12/31/2006	1.413	1.162	0.931	0.986	1.033	1.104	1.015	1.027	1.027	1.007	1.003
12/31/2007	0.932	0.953	1.036	1.075	1.012	0.998	1.034	1.034	1.005	1.034	0.967
12/31/2008	1.103	1.188	1.039	0.934	1.020	1.056	1.028	1.003	0.975	1.034	0.990
12/31/2009	0.992	0.874	1.020	1.055	1.068	0.974	1.038	1.011	1.053	1.015	
12/31/2010	1.441	1.080	0.932	0.996	1.039	1.009	0.973	1.017	1.080		
12/31/2011	1.008	0.947	1.002	1.058	0.973	0.988	1.000	1.002			
12/31/2012	1.045	1.051	0.968	1.040	0.924	1.005	1.012				
12/31/2013	1.010	1.032	0.988	0.987	1.021	0.989					
12/31/2014	1.330	1.036	1.031	1.009	1.001						
12/31/2015	1.034	1.166	1.051	1.039							
12/31/2016	1.151	0.901	1.068								
12/31/2017	1.283	1.209									
12/31/2018	1.414										

3 Yr Mean 1.283 1.092 1.050 1.012 0.982 0.994 0.995 1.010 1.036 1.028 0.987

Best 3/5 1.255 1.078 1.023 1.029 0.998 0.994 1.013 1.010 1.028 1.019 0.991

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

3 Yr Mean 1.000 0.998 0.996 1.002 1.000 @ 0.987 @ 0.988 @ 1.000 @

Best 3/5 1.007 0.987 0.997 0.999 1.000 * 0.999 * 0.999 * 0.999 *

Development From

A.Y.E.	15/ 27	27/ 39	39/ 51	51/ 63	63/ 75	75/ 87	87/ 99	99/111	111/123	123/135	135/147
12/31/2015					0.998	0.994	1.013	1.010	1.028	1.019	0.991
12/31/2016				1.029	0.998	0.994	1.013	1.010	1.028	1.019	0.991
12/31/2017			1.023	1.029	0.998	0.994	1.013	1.010	1.028	1.019	0.991
12/31/2018		1.078	1.023	1.029	0.998	0.994	1.013	1.010	1.028	1.019	0.991
12/31/2019	1.255	1.078	1.023	1.029	0.998	0.994	1.013	1.010	1.028	1.019	0.991

A.Y.E.	147/159	159/171	171/183	183/195	195/207	207/219	219/231	231/243	243/U1t	FACTORS
12/31/2015	1.007	0.987	0.997	0.999	1.000	0.999	0.999	0.999	0.996*	1.036
12/31/2016	1.007	0.987	0.997	0.999	1.000	0.999	0.999	0.999	0.996*	1.066
12/31/2017	1.007	0.987	0.997	0.999	1.000	0.999	0.999	0.999	0.996*	1.090
12/31/2018	1.007	0.987	0.997	0.999	1.000	0.999	0.999	0.999	0.996*	1.175
12/31/2019	1.007	0.987	0.997	0.999	1.000	0.999	0.999	0.999	0.996*	1.475

* Calculated Using Modified Bondy Method

@ Three year mean Excludes Modified Bondy ratios

PRODUCTS (Subline Code 336)
FULL COVERAGE
MULTISTATE
PROPERTY DAMAGE - OCCURRENCE
INCURRED ACCIDENT YEAR ALAE DEVELOPMENT

Allocated Expenses as of:											
A.Y.E	<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>
12/31/2000	2,438,105	3,613,367	5,954,589	9,767,256	12,101,265	15,235,357	17,770,451	18,669,999	19,274,305	20,102,474	20,541,468
12/31/2001	1,952,266	3,397,326	5,939,847	9,331,805	12,770,624	14,602,193	17,314,604	18,748,523	20,075,583	19,263,149	19,467,665
12/31/2002	1,149,378	3,177,236	6,301,355	8,177,921	10,109,044	11,325,082	12,107,954	14,045,611	13,469,406	13,578,191	14,107,520
12/31/2003	1,566,409	3,764,569	6,375,247	10,308,523	12,191,814	14,069,866	15,835,331	16,926,882	17,946,487	18,950,239	19,751,598
12/31/2004	1,204,922	2,683,943	5,393,258	7,861,179	10,224,589	11,996,951	13,356,197	14,385,812	15,585,680	16,621,310	17,285,681
12/31/2005	2,114,679	4,451,905	7,673,461	7,708,910	8,856,758	10,106,473	12,329,414	13,933,149	15,070,380	16,227,123	17,345,774
12/31/2006	1,462,809	3,531,285	6,712,138	9,562,897	11,465,757	13,488,637	14,893,579	17,092,326	20,206,214	20,798,240	21,588,142
12/31/2007	1,965,782	3,841,019	5,846,296	9,121,386	11,347,372	13,351,437	14,721,517	17,009,105	18,167,763	20,004,092	21,185,677
12/31/2008	1,722,948	4,705,925	8,668,380	11,988,035	15,083,631	17,534,796	19,000,073	19,945,893	20,587,707	21,371,779	21,654,030
12/31/2009	4,305,135	9,374,722	15,771,463	19,239,757	22,526,804	26,263,211	27,235,504	28,697,686	30,215,272	30,835,271	31,211,218
12/31/2010	2,449,705	5,502,180	10,181,707	15,212,106	19,566,777	21,556,674	22,841,387	23,270,112	23,855,772	24,215,342	
12/31/2011	2,501,273	4,654,993	8,300,801	11,567,518	14,493,103	17,194,915	18,643,432	19,867,474	20,462,773		
12/31/2012	3,045,424	7,744,139	12,957,225	19,847,211	21,758,424	24,154,189	28,218,676	33,865,759			
12/31/2013	2,829,165	6,135,641	9,591,856	13,439,281	16,061,381	18,119,100	21,234,372				
12/31/2014	3,274,751	5,865,940	8,915,766	11,489,729	13,648,224	14,608,231					
12/31/2015	2,550,540	5,300,251	8,603,903	10,972,399	13,557,097						
12/31/2016	4,284,893	10,105,422	16,511,348	19,198,593							
12/31/2017	2,610,114	4,732,008	8,178,650								
12/31/2018	2,440,051	4,613,853									
12/31/2019	2,741,778										

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

PRODUCTS (Subline Code 336)
FULL COVERAGE
MULTISTATE
PROPERTY DAMAGE - OCCURRENCE
INCURRED ACCIDENT YEAR ALAE DEVELOPMENT

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

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

Best 3/5	0.0788	0.0980	0.0873	0.0737	0.0592	0.0562	0.0314	0.0215	0.0176	0.0219	0.0227	0.0100	0.0084
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PRODUCTS (Subline Code 336)
 FULL COVERAGE
 MULTISTATE
 PROPERTY DAMAGE - OCCURRENCE
 INCURRED ACCIDENT YEAR ALAE DEVELOPMENT

<u>A.Y.E.</u>	<u>183:171</u>	<u>195:183</u>	<u>207:195</u>	Link Ratios <u>219:207</u>	<u>231:219</u>	<u>243:231</u>	<u>Ult:243</u>
12/31/2000	0.997	1.012	1.000	0.999	1.000	1.000	1.000 *
12/31/2001	1.002	0.999	1.001	1.000	1.000	1.000 *	1.000 *
12/31/2002	1.006	1.002	1.000	1.000	1.000 *	1.000 *	1.000 *
12/31/2003	1.002	0.996	1.002	1.000 *	1.000 *	1.000 *	1.000 *
12/31/2004	1.007	1.000	1.000 *	1.000 *	1.000 *	1.000 *	1.000 *
12/31/2005	0.988						
Best 3/5	1.003	1.000	1.000 *	1.000 *	1.000 *	1.000 *	1.000 *

171 to Ultimate Factor: 1.003

	Cumulative Incremental Factors						
<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>
	0.587	0.508	0.410	0.323	0.249	0.190	0.134
<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>
	0.102	0.081	0.063	0.041	0.018	0.008	0.000

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

* Calculated Using Modified Bondy Method

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

<u>Item *</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2015 - 2019 Mean</u>
1. Direct Losses Incurred	\$24,958,455	\$25,388,567	\$22,632,160	\$26,519,433	\$28,416,595	
2. Allocated Loss Adjustment Expenses Incurred (ALAE)	\$6,032,038	\$4,939,134	\$5,935,928	\$5,781,764	\$5,750,906	
3. Unallocated Loss Adjustment Expenses Incurred (ULAE)	\$2,454,825	\$2,540,806	\$2,332,466	\$2,282,751	\$2,814,839	
4. Incurred Losses + ALAE [(1) + (2)]	\$30,990,493	\$30,327,701	\$28,568,088	\$32,301,197	\$34,167,501	
		<u>Incurred Percentage</u>				
5. Ratio of ULAE to (Losses + ALAE) [(3)/(4)]	7.9%	8.4%	8.2%	7.1%	8.2%	8.0%
6. Selected	8.0%					

Notes: All dollar amounts are displayed in thousands.

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

PRODUCTS TREND SUMMARY

(1)	<u>EXPOSURE TREND</u>	<u>PRODUCTS</u>	
	Average Annual Percent Change		
	a) 7/1/2017 to 7/1/2022 AYE 12/31/2017	+ 0.9%	
	b) 7/1/2018 to 7/1/2022 AYE 12/31/2018	+ 0.8%	
	c) 7/1/2019 to 7/1/2022 AYE 12/31/2019	+ 0.7%	
(2)	<u>OCCURRENCE SEVERITY</u>	<u>BODILY INJURY</u>	<u>PROPERTY DAMAGE</u>
	a) Fitted		
	All Years	+ 4.6%	+ 4.7%
	Eight Years	+ 2.9%	+ 2.2%
	Six Years	+ 3.2%	+ 4.7%
	b) Selected	+ 3.0%	+ 5.5%
(3)	<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 12/31/2017, 12/31/2018 & 12/31/2019

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

CHANGE IN EXPOSURES		PRODUCTS
7/1/2017 to 7/1/2022	(2022:4/2017:4)	1.046
7/1/2018 to 7/1/2022	(2022:4/2018:4)	1.032
7/1/2019 to 7/1/2022	(2022:4/2019:4)	1.022

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

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

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OCCURRENCE SEVERITY TREND
MULTISTATE
PRODUCTS

Calculation of Annual Trend Factor
Based on Average Occurrence Severity
Full Coverage Occurrence Data
Monoline and Multiline Combined
Bodily Injury

(1) Accident Year <u>Ending</u>	(2) Basic Limit Paid <u>Losses *</u>	(3) Paid <u>Occurrences</u>	(4) (2)/(3) Actual <u>Severity</u>	(5) Exponential Curve of <u>Best Fit to Col (4)</u>		
				<u>10 Year</u>	<u>8 Year</u>	<u>6 Year</u>
12/31/2010	\$28,291,286	1,148	\$24,644	\$25,701		
12/31/2011	25,844,845	1,059	24,405	26,878		
12/31/2012	31,873,158	967	32,961	28,109	\$30,230	
12/31/2013	22,587,522	799	28,270	29,396	31,118	
12/31/2014	19,951,081	615	32,441	30,742	32,031	\$31,838
12/31/2015	17,652,233	522	33,817	32,149	32,971	32,873
12/31/2016	17,181,212	542	31,700	33,622	33,939	33,941
12/31/2017	17,419,555	497	35,049	35,161	34,935	35,044
12/31/2018	15,015,252	416	36,094	36,771	35,961	36,182
12/31/2019	16,484,532	431	38,247	38,455	37,016	37,358
Goodness of Fit Statistic, R-Squared:				0.778	0.602	0.737
Average Annual Severity Trend (10 yr)				+ 4.6%		
Average Annual Severity Trend (8 yr)				+ 2.9%		
Average Annual Severity Trend (6 yr)				+ 3.2%		
Selected Annual Severity Trend				+ 3.0%		

* Including basic indemnity and allocated loss adjustment expense developed separately to an ultimate settlement basis.
NOTE: Trends are based on reported paid full coverage data developed to ultimate using paid development factors.
(See Section B - Explanation of Trend Calculation).

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

(1) Accident Year Ending	(2) Basic Limit Paid Losses *	(3) Paid Occurrences	(4) (2)/(3) Actual Severity	(5) Exponential Curve of Best Fit to Col (4)		
				<u>10 Year</u>	<u>8 Year</u>	<u>6 Year</u>
12/31/2010	\$45,675,399	1,504	\$30,369	\$34,409		
12/31/2011	42,416,612	1,273	33,320	36,043		
12/31/2012	51,221,849	1,131	45,289	37,754	\$42,234	
12/31/2013	45,005,735	1,011	44,516	39,547	43,157	
12/31/2014	38,700,411	942	41,083	41,424	44,100	\$40,823
12/31/2015	35,495,385	866	40,988	43,391	45,063	42,735
12/31/2016	45,421,354	897	50,637	45,451	46,048	44,737
12/31/2017	36,563,407	839	43,580	47,609	47,054	46,832
12/31/2018	34,768,907	778	44,690	49,870	48,082	49,026
12/31/2019	44,523,961	804	55,378	52,237	49,133	51,322
Goodness of Fit Statistic, R-Squared:				0.624	0.265	0.500
Average Annual Severity Trend (10 yr)				+ 4.7%		
Average Annual Severity Trend (8 yr)				+ 2.2%		
Average Annual Severity Trend (6 yr)				+ 4.7%		
Selected Annual Severity Trend				+ 5.5%		

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

NOTE: Trends are based on reported paid full coverage data developed to ultimate using paid development factors.

(See Section B - Explanation of Trend Calculation).

PRODUCTS

FREQUENCY TREND MULTISTATE

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

Bodily Injury and Property Damage Combined

(1) Accident Year <u>Ending</u>	(2) Aggregate Loss Costs at <u>Current Level</u>	(3) Occurrences at <u>Ultimate</u> ¹	(4) Occurrence Frequency <u>(3)/(2)</u> ²
12/31/2006	\$ 87,900,076	2,884	32.81
12/31/2007	89,768,337	3,194	35.58
12/31/2008	95,613,838	3,081	32.23
12/31/2009	105,059,614	3,521	33.51
12/31/2010	111,095,984	3,588	32.29
12/31/2011	112,338,542	3,319	29.54
12/31/2012	113,233,179	3,093	27.32
12/31/2013	113,272,079	3,012	26.59
12/31/2014	115,658,305	2,683	23.19
12/31/2015	121,444,754	2,347	19.32
12/31/2016	124,967,946	2,295	18.36
12/31/2017	128,546,662	2,138	16.63
12/31/2018	127,109,414	1,952	15.35
12/31/2019	131,902,215	2,018	15.30

Selected Annual Frequency Trend: - 1.5%

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

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

CLASS GROUPS AND CALCULATION OF PROPOSED CLASS LOSS COSTS

Explanatory Notes

The following are definitions of the columns for the Products calculation of proposed loss costs shown on pages F-31-40.

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

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

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

Column (4) is the credibility (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 5 year total Monoline/Multiline ALCCL for class i .

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

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

CLASS GROUPS AND CALCULATION OF PROPOSED CLASS LOSS COSTS

Explanatory Notes (Cont'd)

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

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

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

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

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

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

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

Change Factor = (Index) (Class Group Relative Change) (SWRL) (Off balance factor)
where "SWRL" is the selected multistate monoline loss cost level change.
The off balance factor of 0.998 results from capping.

CLASS GROUPS AND CALCULATION OF PROPOSED CLASS LOSS COSTS

Explanatory Notes (Cont'd)

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

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

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

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

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

LOSS COST % CHANGE BY CLASS

SUBLINE: PRODUCTS

CLASS GROUP: 03

NUMBER OF YEARS OF DATA USED: 5

CHANGE FACTOR = INDEX * CG REL * SWRL USED = INDEX * 1.013 * .937

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

U

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

L - CAPPED DOWN

U - CAPPED UP

N - NOT SUBJECT TO CAPPING

E - SUBJECT TO CAPPING EXCEPTION

LOSS COST % CHANGE BY CLASS

SUBLINE: PRODUCTS

CLASS GROUP: 03

NUMBER OF YEARS OF DATA USED: 5

CHANGE FACTOR = INDEX * CG REL * SWRL USED = INDEX * 1.013 * .937

CLASS	AYE 2019 MONO/MULTI ALCCL (1)	5 YEAR MONO/MULTI ALCCL (2)	5 YEAR MONO/MULTI EXPERIENCE RATIO (3)	CRED. (4)	FORMULA ER (5)	INDEX (6)	CHANGE FACTOR (7)	PRESENT MULTI- STATE OCCUR (8)	PROPOSED MULTI- STATE OCCUR (9)	STATE- WIDE % CHANGE (10)	PRESENT STATEWIDE OCCUR (11)	PROPOSED STATEWIDE OCCUR (12)
57651	188321	826165	.77245	.1084	.982	1.007	.956	.041	.039	-4.9	.041	.039
57913	737652	3622690	.70101	.2350	.935	.959	.910	.290	.260	-10.3	.290	.260
59537	319909	1377747	1.94119	.1365	1.135	1.164	1.105	.210	.232	10.5	.210	.232
59647	48067	220490	.29443	.0752	.954	.978	.928	.170	.158	-7.1	.170	.158
59904	10803	49654	6.95191	.0654	1.396	1.432	1.359	.061	.076	24.6	.061	.076
59905	161501	689234	.26891	.1011	.933	.957	.908	.132	.120	-9.1	.132	.120
59925	1152	8023	1.39935	.0630	1.032	1.058	1.004	1.190	1.190	0.0	1.190	1.190
59926	258619	1278712	1.29671	.1316	1.045	1.072	1.018	.450	.460	2.2	.450	.460
59927	41420	407638	.26905	.0857	.944	.968	.919	1.420	1.300	-8.5	1.420	1.300
59963	49453	178167	.00000	.0728	.934	.958	.909	.410	.370	-9.8	.410	.370
59964	197446	1015830	.80818	.1183	.984	1.009	.958	.069	.066	-4.3	.069	.066

U

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

L - CAPPED DOWN

U - CAPPED UP

N - NOT SUBJECT TO CAPPING

E - SUBJECT TO CAPPING EXCEPTION

LOSS COST % CHANGE BY CLASS

SUBLINE: PRODUCTS

CLASS GROUP: 04

NUMBER OF YEARS OF DATA USED: 5

CHANGE FACTOR = INDEX * CG REL * SWRL USED = INDEX * .977 * .937

CLASS	AYE 2019 MONO/MULTI ALCCL (1)	5 YEAR MONO/MULTI ALCCL (2)	5 YEAR MONO/MULTI EXPERIENCE RATIO (3)	CRED. (4)	FORMULA ER (5)	INDEX (6)	CHANGE FACTOR (7)	PRESENT MULTI- STATE OCCUR (8)	PROPOSED MULTI- STATE OCCUR (9)	STATE- WIDE % CHANGE (10)	PRESENT STATEWIDE OCCUR (11)	PROPOSED STATEWIDE OCCUR (12)
10010	151008	784135	1.11300	.1211	1.005	1.057	.968	.195	.189	-3.1	.195	.189
10040	852365	4606034	1.44250	.2872	1.120	1.178	1.078	.300	.320	6.7	.300	.320
10070	1887133	10021676	1.04820	.4377	1.016	1.068	.978	.154	.151	-1.9	.154	.151
10101	279456	1547054	1.14918	.1601	1.016	1.068	.978	.181	.177	-2.2	.181	.177
10111	184481	819743	.21758	.1230	.895	.941	.861	.078	.067	-14.1	.078	.067
10255	2782837	13431884	1.13623	.5037	1.064	1.119	1.024	.147	.151	2.7	.147	.151
10256	11798	56827	4.28117	.0803	1.254	1.319	1.207	.152	.183	20.4	.152	.183
10257	3283252	14617381	.83219	.5232	.907	.954	.873	.169	.148	-12.4	.169	.148
11126	175445	1075547	2.01673	.1364	1.130	1.188	1.088	.022	.024	9.1	.022	.024
11203	8225	34315	.00000	.0789	.912	.959	.878	.520	.460	-11.5	.520	.460
11248	7248	42092	.00000	.0794	.911	.958	.877	.018	.016	-11.1	.018	.016
12391	1646441	7988550	.71215	.3893	.882	.927	.849	.082	.070	-14.6	.082	.070
12509	48408	245333	.09195	.0912	.908	.955	.874	.036	.031	-13.9	.036	.031
12651	706775	3489976	1.00279	.2455	.993	1.044	.956	.530	.510	-3.8	.530	.510
12707	387896	1248486	.48076	.1453	.916	.963	.882	.640	.560	-12.5	.640	.560
12797	1215377	5976281	1.11428	.3324	1.031	1.084	.992	.196	.194	-1.0	.196	.194
13201	23322	118889	.34331	.0839	.936	.984	.901	.160	.144	-10.0	.160	.144
13204	1383326	6680613	.50247	.3535	.818	.860	.787	1.450	1.140	-21.4	1.450	1.140
13205	336404	1823210	.71463	.1734	.942	.991	.907	.460	.420	-8.7	.460	.420
13314	190	980	.00000	.0770	.914	.961	.880	.016	.014	-12.5	.016	.014
13410	3233592	14733759	.66140	.5250	.818	.860	.787	2.990	2.350	-21.4	2.990	2.350
13412	476604	2511529	1.55631	.2048	1.106	1.163	1.065	1.140	1.210	6.1	1.140	1.210
13590	4433561	20513435	.89973	.6010	.936	.984	.901	.740	.670	-9.5	.740	.670
13715	2040709	10039939	.81740	.4381	.914	.961	.880	.165	.145	-12.1	.165	.145
13930	1150579	5174510	.70132	.3066	.902	.948	.868	.201	.174	-13.4	.201	.174
14068	4262	33469	.00000	.0789	.912	.959	.878	.014	.012	-14.3	.014	.012
14527	416572	1910073	.94726	.1775	.983	1.034	.947	.189	.179	-5.3	.189	.179
14855	47900	296581	.00000	.0941	.897	.943	.863	.154	.133	-13.6	.154	.133
16005	356806	1876025	.75419	.1759	.949	.998	.914	.034	.031	-8.8	.034	.031
16009	36466	195859	3.08022	.0884	1.175	1.236	1.131	.094	.106	12.8	.094	.106
16527	4965559	23422088	.92100	.6307	.947	.996	.912	.350	.320	-8.6	.350	.320
16705	240402	996982	.43204	.1323	.916	.963	.882	.148	.131	-11.5	.148	.131
16750	346875	1892314	1.60096	.1767	1.098	1.155	1.057	.032	.034	6.3	.032	.034
18205	623010	2834525	1.64423	.2187	1.133	1.191	1.090	.350	.380	8.6	.350	.380
18616	3158356	14247041	1.07727	.5173	1.035	1.088	.996	.590	.590	0.0	.590	.590
18707	16449	85159	8.63627	.0819	1.616	1.699	1.555	.004	.005	25.0	.004	.005
45771	121181	813768	.09364	.1226	.880	.925	.847	.164	.139	-15.2	.164	.139

U

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

L - CAPPED DOWN

U - CAPPED UP

N - NOT SUBJECT TO CAPPING

E - SUBJECT TO CAPPING EXCEPTION

LOSS COST % CHANGE BY CLASS

SUBLINE: PRODUCTS

CLASS GROUP: 04

NUMBER OF YEARS OF DATA USED: 5

CHANGE FACTOR = INDEX * CG REL * SWRL USED = INDEX * .977 * .937

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

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

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

LOSS COST % CHANGE BY CLASS

SUBLINE: PRODUCTS

CLASS GROUP: 05

NUMBER OF YEARS OF DATA USED: 5

CHANGE FACTOR = INDEX * CG REL * SWRL USED = INDEX * 1.037 * .937

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

U

U

X-TILDE: 1.229 X-TILDE (MONOLINE): 1.383 PI-TILDE: .0070485
TAU SQUARED: .03000 SIGMA SQUARED: 490006.24567

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

LOSS COST % CHANGE BY CLASS

SUBLINE: PRODUCTS

CLASS GROUP: 06

NUMBER OF YEARS OF DATA USED: 5

CHANGE FACTOR = INDEX * CG REL * SWRL USED = INDEX * 1.010 * .937

CLASS	AYE 2019 MONO/MULTI ALCCL (1)	5 YEAR MONO/MULTI ALCCL (2)	5 YEAR MONO/MULTI EXPERIENCE RATIO (3)	CRED. (4)	FORMULA ER (5)	INDEX (6)	CHANGE FACTOR (7)	PRESENT MULTI- STATE OCCUR (8)	PROPOSED MULTI- STATE OCCUR (9)	STATE- WIDE % CHANGE (10)	PRESENT STATEWIDE OCCUR (11)	PROPOSED STATEWIDE OCCUR (12)
15733	8052	54585	.02823	.0364	.934	.984	.931	.037	.034	-8.1	.037	.034
51001	446	6924	.00000	.0274	.942	.993	.940	.450	.420	-6.7	.450	.420
51116	1222545	4176854	1.05542	.4636	1.009	1.063	1.006	.690	.690	0.0	.690	.690
51240	60377	273254	2.24434	.0754	1.065	1.122	1.062	.185	.196	5.9	.185	.196
51241	359839	1683413	.49660	.2670	.843	.888	.840	.260	.218	-16.2	.260	.218
51330	198383	964537	4.59184	.1805	1.623	1.710	1.618	.530	.660	24.5	.530	.660
51370	232485	614066	.00000	.1304	.842	.887	.839	4.570	3.830	-16.2	4.570	3.830
51500	325635	1649620	.99004	.2634	.974	1.026	.971	.119	.116	-2.5	.119	.116
51550	26984	78502	2.17714	.0408	1.018	1.073	1.015	.390	.400	2.6	.390	.400
51551	745	42463	1.43195	.0341	.984	1.037	.981	.910	.890	-2.2	.910	.890
51552	1	18020	.63474	.0295	.959	1.011	.957	.159	.152	-4.4	.159	.152
51600	122517	610400	.47794	.1298	.905	.954	.903	.191	.172	-9.9	.191	.172
51734	15286	52995	5.55247	.0361	1.134	1.195	1.131	.310	.350	12.9	.310	.350
51741	117002	699860	.75425	.1432	.938	.988	.935	.260	.243	-6.5	.260	.243
51777	135885	679568	1.13644	.1402	.992	1.045	.989	.078	.077	-1.3	.078	.077
51808	255554	845621	.79609	.1641	.940	.991	.938	.730	.680	-6.8	.730	.680
51809	36855	143150	.73839	.0526	.956	1.007	.953	.153	.146	-4.6	.153	.146
51877	95110	390908	.27132	.0952	.902	.950	.899	.212	.191	-9.9	.212	.191
51896	679507	3436065	.90198	.4172	.941	.992	.939	.018	.017	-5.6	.018	.017
51900	10643	55855	3.37071	.0366	1.056	1.113	1.053	.095	.100	5.3	.095	.100
51909	83	663	.00000	.0262	.943	.994	.941	.056	.053	-5.4	.056	.053
51926	290188	1234160	1.83254	.2152	1.154	1.216	1.151	.308	.044	15.8	.038	.044
51927	435768	1992520	1.10450	.2989	1.009	1.063	1.006	.131	.132	0.8	.131	.132
51934	30975	617720	.12479	.1309	.858	.904	.856	.125	.107	-14.4	.125	.107
51956	1489747	7355895	.90172	.6003	.928	.978	.926	.221	.205	-7.2	.221	.205
51957	1320055	6661492	1.19457	.5767	1.099	1.158	1.096	.420	.460	9.5	.420	.460
51960	4118	29678	.00000	.0317	.938	.988	.935	.350	.330	-5.7	.350	.330
51982	11270	56054	.00000	.0366	.933	.983	.930	.083	.077	-7.2	.083	.077
51986	37851	256749	.50018	.0726	.935	.985	.932	.103	.096	-6.8	.103	.096
51999	145738	672942	.61095	.1392	.919	.968	.916	.440	.400	-9.1	.440	.400
52075	62549	250262	.24674	.0715	.917	.966	.914	.243	.222	-8.6	.243	.222
52134	2109846	10635756	.94107	.6835	.950	1.001	.947	.630	.600	-4.8	.630	.600
52315	500835	2386459	1.23792	.3357	1.059	1.116	1.056	.260	.270	3.8	.260	.270
52505	59121	184173	3.16342	.0599	1.100	1.159	1.097	.216	.237	9.7	.216	.237
52547	221159	1097930	.64941	.1980	.905	.954	.903	.078	.070	-10.3	.078	.070
52911	941082	4745325	.92428	.4945	.947	.998	.944	.450	.420	-6.7	.450	.420
52967	24175	122326	.42102	.0488	.942	.993	.940	.062	.058	-6.5	.062	.058

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

L - CAPPED DOWN

U - CAPPED UP

N - NOT SUBJECT TO CAPPING

E - SUBJECT TO CAPPING EXCEPTION

LOSS COST % CHANGE BY CLASS

SUBLINE: PRODUCTS

CLASS GROUP: 06

NUMBER OF YEARS OF DATA USED: 5

CHANGE FACTOR = INDEX * CG REL * SWRL USED = INDEX * 1.010 * .937

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

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

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LOSS COST % CHANGE BY CLASS

SUBLINE: PRODUCTS

CLASS GROUP: 06

NUMBER OF YEARS OF DATA USED: 5

CHANGE FACTOR = INDEX * CG REL * SWRL USED = INDEX * 1.010 * .937

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

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LOSS COST % CHANGE BY CLASS

SUBLINE: PRODUCTS

CLASS GROUP: 06

NUMBER OF YEARS OF DATA USED: 5

CHANGE FACTOR = INDEX * CG REL * SWRL USED = INDEX * 1.010 * .937

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

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 TAU SQUARED: .05089 SIGMA SQUARED: 260593.58233

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LOSS COST % CHANGE BY CLASS

SUBLINE: PRODUCTS

CLASS GROUP: 07

NUMBER OF YEARS OF DATA USED: 5

CHANGE FACTOR = INDEX * CG REL * SWRL USED = INDEX * 1.001 * .937

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

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

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SECTION G

SUPPORTING MATERIAL -- LOCAL PRODUCTS/COMPLETED OPERATIONS

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

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

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

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

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

NOTE: The factors shown above are weighted averages over all states.

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

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

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

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

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

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

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

MARYLAND

Local Products/Completed Operations
Subline Code 336
Combined Single Limit

Implicit Package Modification Factors (A) by Type of Policy

Type of Policy (B) -----	Description -----	Implicit Package Modification Factors -----
31	Not Applicable	--
32	Not Applicable	--
33	Not Applicable	--
34	Mercantile Policy	1.269
35	Not Applicable	--
36	Service Policy	0.835
37	Industrial/Processing Policy	0.879
38	Contractors Policy	0.726

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

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

MARYLAND

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) <u>Credibility (c)</u>	(5) Weighted Ratio (d)	(6) Credibility Constant(Ki)
15 to 27 Months	1.016	1.008	0.9241	1.009	4,000,000
27 to 39 Months	0.999	1.000	0.6077	1.000	31,000,000
Accident Year Ending	Exposure Development From				Factor
	<u>27:15</u>	<u>39:27</u>	<u>ULT:39</u>		
12/31/2017			1.000		1.000
12/31/2018		1.000	1.000		1.000
12/31/2019	1.009	1.000	1.000		1.009

(a) See Section G - Multistate Premium Development.

(b) See Section G - Statewide Premium Development.

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

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

MARYLAND
LOCAL PRODUCTS/COMPLETED OPERATIONS

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

Accident Year Ending	<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>
12/31/2012	13,937,520	13,738,604	13,720,403	13,546,264	13,546,266	13,546,266	13,546,266	13,546,266
12/31/2013	14,701,297	14,780,853	14,525,396	14,525,597	14,525,989	14,525,989	14,525,989	
12/31/2014	15,165,646	15,065,604	15,066,160	15,056,045	15,054,479	15,053,913		
12/31/2015	15,283,990	15,477,496	15,457,025	15,459,539	15,457,608			
12/31/2016	16,013,481	16,108,302	16,147,597	16,145,415				
12/31/2017	16,132,011	16,432,427	16,439,239					
12/31/2018	16,585,054	16,658,661						
12/31/2019	16,266,045							

LINK RATIOS

Accident Year Ending	<u>27:15</u>	<u>39:27</u>	<u>51:39</u>	<u>63:51</u>	<u>75:63</u>	<u>87:75</u>	<u>99:87</u>
12/31/2012	0.986	0.999	0.987	1.000	1.000	1.000	1.000
12/31/2013	1.005	0.983	1.000	1.000	1.000	1.000	
12/31/2014	0.993	1.000	0.999	1.000	1.000		
12/31/2015	1.013	0.999	1.000	1.000			
12/31/2016	1.006	1.002	1.000				
12/31/2017	1.019	1.000					
12/31/2018	1.004						
12/31/2019							

Average Best 3 of 5

<u>27:15</u>	<u>39:27</u>
1.008	1.000

MULTISTATE
LOCAL PRODUCTS/COMPLETED OPERATIONS

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

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

LINK RATIOS

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

Average Best 3 of 5

<u>27:15</u>	<u>39:27</u>
1.016	0.999

LOCAL PRODUCTS/COMPLETED OPERATIONS LOSS DEVELOPMENT DATA
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LOCAL PRODUCTS

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MARYLAND

Completed Operations
Bodily Injury
Full Coverage
Incurred Losses excluding ALAE

Calculation of Loss Development Factors

(1)	(2)	(3)	(4)	(5)	
EVALUATION PERIOD	MULTISTATE RATIO (A)	STATE RATIO (B)	CREDIBILITY (C)	WEIGHTED RATIO (D)	Credibility Constant (Ki)
15 to 27 Months	1.928	1.713	0.3754	1.847	350,000
27 to 39 Months	1.447	1.384	0.5130	1.415	390,000
39 to 51 Months	1.064	1.230	0.6313	1.169	420,000
51 to 63 Months	1.000	0.958	0.6731	0.972	460,000
63 to 75 Months	0.979	1.000	0.6109	0.992	510,000
75 to 87 Months	0.986	1.000	0.5668	0.994	550,000
87 to 99 Months	0.985	1.000	0.5023	0.993	610,000
99 to 111 Months	0.996	1.000	0.3822	0.998	660,000
111 to 123 Months	0.990	1.000	0.3008	0.993	730,000
123 to 135 Months	0.996	1.000	0.3047	0.997	800,000
135 to 147 Months	0.999	1.000	0.2460	0.999	880,000
147 to 159 Months	0.999	1.000	0.2697	0.999	970,000
159 to 171 Months	0.999	1.000	0.3662	0.999	1,100,000
171 to 183 Months	1.000	1.000	0.3577	1.000	1,200,000
183 to 195 Months	1.000	1.000	0.2984	1.000	1,300,000
195 to 207 Months	0.999	1.000	0.1924	0.999	1,400,000
207 to 219 Months	1.000	1.000	0.2340	1.000	1,600,000
219 to 231 Months	1.000	1.000	0.1819	1.000	1,700,000
231 to 243 Months	1.000	1.000	0.0933	1.000	1,900,000
243 to ULTIMATE	The Multistate ratio has been used.				

Accident Year	Loss Development From										
Ending	27:15	39:27	51:39	63:51	75:63	87:75	99:87	111:99	123:111	135:123	147:135
12/31/2017			1.169	0.972	0.992	0.994	0.993	0.998	0.993	0.997	0.999
12/31/2018		1.415	1.169	0.972	0.992	0.994	0.993	0.998	0.993	0.997	0.999
12/31/2019	1.847	1.415	1.169	0.972	0.992	0.994	0.993	0.998	0.993	0.997	0.999
	159:147	171:159	183:171	195:183	207:195	219:207	231:219	243:231	ULT:243		Factor
12/31/2017	0.999	0.999	1.000	1.000	0.999	1.000	1.000	1.000	1.000		1.095
12/31/2018	0.999	0.999	1.000	1.000	0.999	1.000	1.000	1.000	1.000		1.549
12/31/2019	0.999	0.999	1.000	1.000	0.999	1.000	1.000	1.000	1.000		2.861

(A) See Section G - Multistate Loss Development.

(B) See Section G - Statewide Loss Development.

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

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

MARYLAND

Completed Operations
Bodily Injury
Full Coverage
ALAE

Calculation of Cumulative Incremental Factors

(1)	(2)
EVALUATION PERIOD	MULTISTATE RATIO (A)
15 to 27 Months	0.0659
27 to 39 Months	0.1252
39 to 51 Months	0.1103
51 to 63 Months	0.0804
63 to 75 Months	0.0482
75 to 87 Months	0.0212
87 to 99 Months	0.0053
99 to 111 Months	0.0111
111 to 123 Months	0.0046
123 to 135 Months	0.0008
135 to 147 Months	0.0067
147 to 159 Months	0.0041
159 to 171 Months	0.0032
171 to Ultimate	A multistate link ratio factor of 1.014 has been used.

Cumulative Incremental Factors							
<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>
	0.487	0.421	0.296	0.186	0.105	0.057	0.036
<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	0.019	0.015	0.014	0.007	0.003	0.000

A.Y.E	Reported ALAE as of 3/31/20	\$500,000 Ultimate Indemnity	ALAE Factor	Additional ALAE	ALAE at 171 Months	171-Ultimate Factor	Ultimate ALAE
12/31/2017	64,918	186,913	0.296	55,326	120,244	1.014	121,923
12/31/2018	10,827	195,935	0.421	82,488	93,315	1.014	94,619
12/31/2019	18	190,385	0.487	92,717	92,735	1.014	94,032

(A) See Section G - Multistate Loss Development.

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

MARYLAND

Completed Operations
Property Damage
Full Coverage
Incurred Losses excluding ALAE

Calculation of Loss Development Factors

(1)	(2)	(3)	(4)	(5)	
EVALUATION PERIOD	MULTISTATE RATIO (A)	STATE RATIO (B)	CREDIBILITY (C)	WEIGHTED RATIO (D)	Credibility Constant (Ki)
15 to 27 Months	1.232	1.251	0.7647	1.247	1,000,000
27 to 39 Months	1.117	1.021	0.7743	1.043	1,100,000
39 to 51 Months	1.060	1.095	0.7934	1.088	1,100,000
51 to 63 Months	1.041	0.983	0.7951	0.995	1,200,000
63 to 75 Months	1.040	1.021	0.7758	1.025	1,300,000
75 to 87 Months	1.030	1.026	0.7757	1.027	1,400,000
87 to 99 Months	1.023	1.028	0.7888	1.027	1,500,000
99 to 111 Months	1.041	1.026	0.8121	1.029	1,600,000
111 to 123 Months	1.017	1.018	0.8169	1.018	1,700,000
123 to 135 Months	1.020	1.020	0.7976	1.020	1,900,000
135 to 147 Months	1.011	1.004	0.7587	1.006	2,000,000
147 to 159 Months	1.010	1.000	0.7349	1.003	2,200,000
159 to 171 Months	1.006	1.000	0.7006	1.002	2,300,000
171 to 183 Months	1.008	1.000	0.6708	1.003	2,500,000
183 to 195 Months	1.003	1.000	0.6019	1.001	2,700,000
195 to 207 Months	1.002	1.000	0.5374	1.001	2,900,000
207 to 219 Months	1.003	1.000	0.4282	1.002	3,100,000
219 to 231 Months	1.002	1.000	0.3038	1.001	3,300,000
231 to 243 Months	1.001	1.000	0.1273	1.001	3,500,000
243 to ULTIMATE	The Multistate ratio has been used.				

Accident Year	Loss Development From										
Ending	27:15	39:27	51:39	63:51	75:63	87:75	99:87	111:99	123:111	135:123	147:135
12/31/2017			1.088	0.995	1.025	1.027	1.027	1.029	1.018	1.020	1.006
12/31/2018		1.043	1.088	0.995	1.025	1.027	1.027	1.029	1.018	1.020	1.006
12/31/2019	1.247	1.043	1.088	0.995	1.025	1.027	1.027	1.029	1.018	1.020	1.006

	159:147	171:159	183:171	195:183	207:195	219:207	231:219	243:231	ULT:243	Factor
12/31/2017	1.003	1.002	1.003	1.001	1.001	1.002	1.001	1.001	1.001	1.277
12/31/2018	1.003	1.002	1.003	1.001	1.001	1.002	1.001	1.001	1.001	1.332
12/31/2019	1.003	1.002	1.003	1.001	1.001	1.002	1.001	1.001	1.001	1.661

(A) See Section G - Multistate Loss Development.

(B) See Section G - Statewide Loss Development.

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

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

MARYLAND

Completed Operations
Property Damage
Full Coverage
ALAE

Calculation of Cumulative Incremental Factors

(1)	(2)
EVALUATION PERIOD	MULTISTATE RATIO (A)
15 to 27 Months	0.0663
27 to 39 Months	0.0797
39 to 51 Months	0.0832
51 to 63 Months	0.0578
63 to 75 Months	0.0470
75 to 87 Months	0.0315
87 to 99 Months	0.0251
99 to 111 Months	0.0267
111 to 123 Months	0.0235
123 to 135 Months	0.0256
135 to 147 Months	0.0150
147 to 159 Months	0.0134
159 to 171 Months	0.0082
171 to Ultimate	A multistate link ratio factor of 1.034 has been used.

Cumulative Incremental Factors							
<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>
	0.503	0.437	0.357	0.274	0.216	0.169	0.137
<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>
	0.112	0.086	0.062	0.037	0.022	0.008	0.000

A.Y.E	Reported ALAE as of 3/31/20	\$500,000 Ultimate Indemnity	ALAE Factor	Additional ALAE	ALAE at 171 Months	171-Ultimate Factor	Ultimate ALAE
12/31/2017	356,982	2,447,192	0.357	873,648	1,230,630	1.034	1,272,463
12/31/2018	396,124	5,728,307	0.437	2,503,271	2,899,395	1.034	2,997,965
12/31/2019	130,159	2,905,180	0.503	1,461,307	1,591,466	1.034	1,645,566

(A) See Section G - Multistate Loss Development.

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

COMPLETED OPERATIONS (Subline Code 336)
FULL COVERAGE
MARYLAND
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>
12/31/2000	19,768	13,718	70,922	190,422	195,422	195,422	195,422	195,422	195,422	195,422	195,422
12/31/2001	9,800	11,700	62,538	35,483	42,483	82,483	82,483	82,483	82,488	82,488	132,483
12/31/2002	14,000	21,800	29,800	110,800	110,800	110,800	110,800	110,800	110,800	110,800	110,800
12/31/2003	30,000	130,550	40,550	130,550	40,550	40,300	40,300	40,300	40,300	40,300	40,300
12/31/2004	74,396	161,426	256,075	460,937	431,681	381,681	386,681	401,681	401,681	401,681	401,681
12/31/2005	43,652	79,541	50,142	165,056	127,741	236,366	236,366	226,366	226,366	226,366	226,366
12/31/2006	3,450	3,450	7,500	7,500	7,500	7,500	7,500	7,500	7,500	7,500	7,500
12/31/2007	104,016	172,485	196,121	124,389	124,389	124,389	124,389	124,389	124,389	124,389	124,389
12/31/2008	15,529	118,658	127,250	178,700	155,250	155,250	155,250	155,250	155,250	155,250	155,250
12/31/2009	33,592	73,481	98,481	95,981	95,981	70,981	70,981	70,981	70,981	70,981	70,981
12/31/2010	1,008	29,000	23,508	170,258	187,890	187,833	89,833	87,833	87,833	87,833	
12/31/2011	26,505	104,008	197,558	207,016	249,459	249,459	249,459	249,459	249,459		
12/31/2012	12,870	30,495	170,305	276,305	276,305	276,305	276,305	276,305			
12/31/2013	57,111	205,859	153,694	245,497	193,859	193,859	193,859				
12/31/2014	50,719	202,037	350,537	375,537	330,537	455,537					
12/31/2015	105,414	190,806	318,856	326,306	324,356						
12/31/2016	29,089	27,740	49,887	48,804							
12/31/2017	110,797	192,278	133,401								
12/31/2018	70,505	112,477									
12/31/2019	52,403										

<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>
12/31/2000	195,422	195,422	195,422	195,422	195,422	195,422	195,422	195,422	195,422
12/31/2001	182,483	182,483	182,483	182,483	182,483	182,483	182,483	182,483	
12/31/2002	110,800	110,800	110,800	110,800	110,800	110,800	110,800		
12/31/2003	40,300	40,300	40,300	40,300	40,300	40,300			
12/31/2004	401,681	401,681	401,681	401,681	401,681				
12/31/2005	226,366	226,366	226,366	226,366					
12/31/2006	7,500	7,500	7,500						
12/31/2007	124,389	124,389							
12/31/2008	155,250								

COMPLETED OPERATIONS (Subline Code 336)
FULL COVERAGE
MARYLAND
BODILY INJURY - OCCURRENCE
INCURRED ACCIDENT YEAR BASIC LIMITS LOSS DEVELOPMENT EXCLUDING ALAE

A.Y.E.	Link Ratios										
	27: 15	39: 27	51: 39	63: 51	75: 63	87: 75	99: 87	111: 99	123:111	135:123	147:135
12/31/2000	0.694	5.170	2.685	1.026	1.000	1.000	1.000	1.000	1.000	1.000	1.000
12/31/2001	1.194	5.345	0.567	1.197	1.942	1.000	1.000	1.000	1.000	1.606	1.377
12/31/2002	1.557	1.367	3.718	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
12/31/2003	4.352	0.311	3.219	0.311	0.994	1.000	1.000	1.000	1.000	1.000	1.000
12/31/2004	2.170	1.586	1.800	0.937	0.884	1.013	1.039	1.000	1.000	1.000	1.000
12/31/2005	1.822	0.630	3.292	0.774	1.850	1.000	0.958	1.000	1.000	1.000	1.000
12/31/2006	1.000	2.174	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
12/31/2007	1.658	1.137	1.000	0.634	1.000	1.000	1.000	1.000	1.000	1.000	1.000
12/31/2008	7.641	1.072	1.404	0.869	1.000	1.000	1.000	1.000	1.000	1.000	1.000
12/31/2009	2.187	1.340	0.975	1.000	0.740	1.000	1.000	1.000	1.000	1.000	
12/31/2010	28.770	0.811	7.243	1.104	1.000	0.478	0.978	1.000	1.000		
12/31/2011	3.924	1.899	1.048	1.205	1.000	1.000	1.000	1.000			
12/31/2012	2.369	5.585	1.622	1.000	1.000	1.000	1.000				
12/31/2013	3.605	0.747	1.597	0.790	1.000	1.000					
12/31/2014	3.983	1.735	1.071	0.880	1.378						
12/31/2015	1.810	1.671	1.023	0.994							
12/31/2016	0.954	1.798	0.978								
12/31/2017	1.735	0.694									
12/31/2018	1.595										

3 Yr Mean	1.428	1.388	1.024	0.888	1.126	1.000	0.993	1.000	1.000	1.000	1.000
Best 3/5	1.713	1.384	1.230	0.958	1.000	1.000	1.000	1.000	1.000	1.000	1.000

A.Y.E.	159:147	171:159	183:171	195:183	207:195	219:207	231:219	243:231			
12/31/2000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000			
12/31/2001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000 *			
12/31/2002	1.000	1.000	1.000	1.000	1.000	1.000	1.000 *	1.000 *			
12/31/2003	1.000	1.000	1.000	1.000	1.000	1.000 *	1.000 *	1.000 *			
12/31/2004	1.000	1.000	1.000	1.000	1.000 *	1.000 *	1.000 *	1.000 *			
12/31/2005	1.000	1.000	1.000								
12/31/2006	1.000	1.000									
12/31/2007	1.000										

3 Yr Mean	1.000	1.000	1.000	1.000	1.000 @	1.000 @	1.000 @	1.000 @			
Best 3/5	1.000	1.000	1.000	1.000	1.000 *	1.000 *	1.000 *	1.000 *			

A.Y.E.	Development From										
	15/ 27	27/ 39	39/ 51	51/ 63	63/ 75	75/ 87	87/ 99	99/111	111/123	123/135	135/147
12/31/2015					1.000	1.000	1.000	1.000	1.000	1.000	1.000
12/31/2016				0.958	1.000	1.000	1.000	1.000	1.000	1.000	1.000
12/31/2017			1.230	0.958	1.000	1.000	1.000	1.000	1.000	1.000	1.000
12/31/2018		1.384	1.230	0.958	1.000	1.000	1.000	1.000	1.000	1.000	1.000
12/31/2019	1.713	1.384	1.230	0.958	1.000	1.000	1.000	1.000	1.000	1.000	1.000

A.Y.E.	147/159	159/171	171/183	183/195	195/207	207/219	219/231	231/243	243/Ult	FACTORS
12/31/2015	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000*	1.000
12/31/2016	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000*	0.958
12/31/2017	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000*	1.178
12/31/2018	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000*	1.631
12/31/2019	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000*	2.794

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

COMPLETED OPERATIONS (Subline Code 336)
FULL COVERAGE
MARYLAND
BODILY INJURY - OCCURRENCE
INCURRED ACCIDENT YEAR ALAE DEVELOPMENT

A.Y.E	Allocated Expenses as of:										
	<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>
12/31/2000	751	0	19,939	24,505	32,350	32,384	32,384	32,384	32,384	32,384	32,384
12/31/2001	9,351	14,337	32,733	43,220	67,899	75,382	75,493	75,493	75,493	75,493	83,944
12/31/2002	1,010	4,905	20,123	45,831	46,345	46,345	46,345	46,345	46,345	46,345	46,909
12/31/2003	0	6,098	21,851	78,560	106,418	104,579	104,579	104,579	104,579	104,579	104,579
12/31/2004	0	3,953	9,470	73,835	153,759	177,362	178,522	191,969	192,860	192,860	192,860
12/31/2005	2,995	9,558	27,058	109,906	156,148	193,760	193,760	193,760	193,760	193,760	193,760
12/31/2006	5,992	29,153	38,590	41,601	45,029	45,029	45,029	45,029	45,029	45,029	45,030
12/31/2007	0	50,829	84,862	118,321	119,229	118,384	118,384	118,384	118,384	118,384	118,384
12/31/2008	685	10,969	38,512	131,125	133,225	133,225	133,225	133,225	133,225	133,225	133,225
12/31/2009	968	4,692	12,066	18,452	24,947	24,947	26,293	26,293	26,293	26,293	26,293
12/31/2010	439	481	10,073	30,493	113,622	126,697	128,026	129,223	129,223	129,223	
12/31/2011	3	15,880	104,040	150,852	248,637	308,558	308,558	308,591	308,591		
12/31/2012	14	22,278	80,701	237,108	238,994	238,994	238,994	238,994			
12/31/2013	563	13,824	62,299	165,338	242,644	243,049	243,049				
12/31/2014	3,247	8,961	83,704	109,083	143,845	583,718					
12/31/2015	4,126	11,048	108,244	178,295	264,234						
12/31/2016	4	5,846	12,582	58,267							
12/31/2017	2	16,549	64,918								
12/31/2018	6,268	10,827									
12/31/2019	18										

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>
12/31/2000	32,384	32,384	32,384	32,384	32,384	32,384	32,384	32,384	32,384
12/31/2001	101,920	108,394	108,394	108,394	108,394	108,394	108,394	108,394	
12/31/2002	46,909	46,909	46,909	46,909	46,909	46,909	46,909		
12/31/2003	104,579	104,579	104,579	104,579	104,579	104,579			
12/31/2004	192,860	192,860	192,860	192,860	192,860				
12/31/2005	193,760	193,760	193,760	193,760					
12/31/2006	45,030	45,030	45,030						
12/31/2007	118,384	118,384							
12/31/2008	133,225								

COMPLETED OPERATIONS (Subline Code 336)
FULL COVERAGE
MARYLAND
PROPERTY DAMAGE - OCCURRENCE
INCURRED ACCIDENT YEAR BASIC LIMITS LOSS DEVELOPMENT EXCLUDING ALAE

\$100,000 Basic Limit Losses as of:											
A.Y.E.	15 Months	27 Months	39 Months	51 Months	63 Months	75 Months	87 Months	99 Months	111 Months	123 Months	135 Months
12/31/2000	231,603	348,489	332,330	575,282	583,886	564,153	634,403	557,737	575,392	511,308	511,308
12/31/2001	459,610	644,164	747,332	839,139	898,139	1,056,214	1,003,314	1,020,188	954,355	929,355	929,355
12/31/2002	552,972	688,551	565,783	664,355	692,080	731,980	886,925	797,167	793,866	891,242	881,242
12/31/2003	789,281	1,002,769	1,436,616	1,381,974	1,399,533	1,379,908	1,373,666	1,549,332	1,603,233	1,541,853	1,541,853
12/31/2004	737,637	1,095,584	1,315,682	1,561,431	1,647,519	1,636,478	1,626,600	1,629,351	1,628,970	1,628,970	1,649,069
12/31/2005	815,173	985,962	1,347,065	1,728,645	1,616,647	1,716,145	1,853,993	1,851,003	1,791,292	1,931,104	1,916,095
12/31/2006	1,509,724	1,517,394	1,560,321	1,642,448	1,577,729	1,617,985	1,714,116	1,637,466	1,656,615	1,615,115	1,713,115
12/31/2007	1,273,582	1,527,623	1,783,565	1,875,318	1,824,110	2,117,179	2,143,853	1,977,929	2,046,534	2,076,534	2,347,234
12/31/2008	1,511,565	1,700,730	1,707,035	1,924,821	2,072,707	2,310,632	2,400,491	2,243,072	2,347,714	2,433,553	2,227,138
12/31/2009	1,750,993	1,864,013	2,088,491	2,229,076	2,475,293	2,591,886	2,724,510	2,883,758	2,876,257	2,979,506	2,997,106
12/31/2010	1,850,601	1,820,040	1,891,666	1,975,420	2,045,352	2,009,156	2,071,122	2,093,098	2,359,123	2,369,123	
12/31/2011	1,167,554	1,561,790	1,789,101	1,842,086	1,861,100	1,894,439	1,850,937	1,936,764	1,924,599		
12/31/2012	1,056,158	1,102,195	1,214,251	1,575,744	1,508,629	1,539,939	1,678,624	1,724,516			
12/31/2013	1,218,756	1,445,943	1,279,348	1,379,741	1,285,872	1,408,599	1,401,499				
12/31/2014	1,382,310	1,770,606	1,671,045	1,680,878	1,703,048	1,744,238					
12/31/2015	1,090,179	1,220,659	1,329,451	1,595,449	1,567,460						
12/31/2016	1,066,101	1,187,449	1,224,534	1,156,258							
12/31/2017	939,539	1,366,468	1,563,796								
12/31/2018	1,244,353	1,683,284									
12/31/2019	1,099,309										

A.Y.E.	147 Months	159 Months	171 Months	183 Months	195 Months	207 Months	219 Months	231 Months	243 Months
12/31/2000	510,808	510,428	510,428	510,428	510,428	510,428	510,428	510,428	510,428
12/31/2001	929,355	929,355	929,355	929,355	929,355	929,355	929,355	929,355	
12/31/2002	881,242	881,242	881,242	881,242	881,242	881,242	881,242		
12/31/2003	1,534,353	1,557,899	1,557,899	1,557,899	1,557,899	1,557,899			
12/31/2004	1,668,819	1,643,720	1,643,720	1,643,720	1,643,720				
12/31/2005	1,906,096	1,893,496	1,893,496	1,911,093					
12/31/2006	1,845,415	1,844,415	1,902,940						
12/31/2007	2,347,234	2,364,834							
12/31/2008	2,226,138								

COMPLETED OPERATIONS (Subline Code 336)
 FULL COVERAGE
 MARYLAND
 PROPERTY DAMAGE - OCCURRENCE
 INCURRED ACCIDENT YEAR BASIC LIMITS LOSS DEVELOPMENT EXCLUDING ALAE

A.Y.E.	Link Ratios										
	27: 15	39: 27	51: 39	63: 51	75: 63	87: 75	99: 87	111: 99	123:111	135:123	147:135
12/31/2000	1.505	0.954	1.731	1.015	0.966	1.125	0.879	1.032	0.889	1.000	0.999
12/31/2001	1.402	1.160	1.123	1.070	1.176	0.950	1.017	0.935	0.974	1.000	1.000
12/31/2002	1.245	0.822	1.174	1.042	1.058	1.212	0.899	0.996	1.123	0.989	1.000
12/31/2003	1.270	1.433	0.962	1.013	0.986	0.995	1.128	1.035	0.962	1.000	0.995
12/31/2004	1.485	1.201	1.187	1.055	0.993	0.994	1.002	1.000	1.000	1.012	1.012
12/31/2005	1.210	1.366	1.283	0.935	1.062	1.080	0.998	0.968	1.078	0.992	0.995
12/31/2006	1.005	1.028	1.053	0.961	1.026	1.059	0.955	1.012	0.975	1.061	1.077
12/31/2007	1.199	1.168	1.051	0.973	1.161	1.013	0.923	1.035	1.015	1.130	1.000
12/31/2008	1.125	1.004	1.128	1.077	1.115	1.039	0.934	1.047	1.037	0.915	1.000
12/31/2009	1.065	1.120	1.067	1.110	1.047	1.051	1.058	0.997	1.036	1.006	
12/31/2010	0.983	1.039	1.044	1.035	0.982	1.031	1.011	1.127	1.004		
12/31/2011	1.338	1.146	1.030	1.010	1.018	0.977	1.046	0.994			
12/31/2012	1.044	1.102	1.298	0.957	1.021	1.090	1.027				
12/31/2013	1.186	0.885	1.078	0.932	1.095	0.995					
12/31/2014	1.281	0.944	1.006	1.013	1.024						
12/31/2015	1.120	1.089	1.200	0.982							
12/31/2016	1.114	1.031	0.944								
12/31/2017	1.454	1.144									
12/31/2018	1.353										

3 Yr Mean	1.307	1.088	1.050	0.976	1.047	1.021	1.028	1.039	1.026	1.017	1.026
Best 3/5	1.251	1.021	1.095	0.983	1.021	1.026	1.028	1.026	1.018	1.020	1.004

A.Y.E.	159:147	171:159	183:171	195:183	207:195	219:207	231:219	243:231			
12/31/2000	0.999	1.000	1.000	1.000	1.000	1.000	1.000	1.000			
12/31/2001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000 *			
12/31/2002	1.000	1.000	1.000	1.000	1.000	1.000	1.000 *	1.000 *			
12/31/2003	1.015	1.000	1.000	1.000	1.000	1.000 *	1.000 *	1.000 *			
12/31/2004	0.985	1.000	1.000	1.000	1.000 *	1.000 *	1.000 *	1.000 *			
12/31/2005	0.993	1.000	1.009								
12/31/2006	0.999	1.032									
12/31/2007	1.007										

3 Yr Mean	1.000	1.011	1.003	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 *			

A.Y.E.	Development From										
	15/ 27	27/ 39	39/ 51	51/ 63	63/ 75	75/ 87	87/ 99	99/111	111/123	123/135	135/147
12/31/2015					1.021	1.026	1.028	1.026	1.018	1.020	1.004
12/31/2016				0.983	1.021	1.026	1.028	1.026	1.018	1.020	1.004
12/31/2017			1.095	0.983	1.021	1.026	1.028	1.026	1.018	1.020	1.004
12/31/2018		1.021	1.095	0.983	1.021	1.026	1.028	1.026	1.018	1.020	1.004
12/31/2019	1.251	1.021	1.095	0.983	1.021	1.026	1.028	1.026	1.018	1.020	1.004

A.Y.E.	147/159	159/171	171/183	183/195	195/207	207/219	219/231	231/243	243/Ult	FACTORS
12/31/2015	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000*	1.152
12/31/2016	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000*	1.132
12/31/2017	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000*	1.240
12/31/2018	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000*	1.266
12/31/2019	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000*	1.584

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

COMPLETED OPERATIONS (Subline Code 336)
FULL COVERAGE
MARYLAND
PROPERTY DAMAGE - OCCURRENCE
INCURRED ACCIDENT YEAR ALAE DEVELOPMENT

A.Y.E	Allocated Expenses as of:										
	<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>
12/31/2000	13,233	27,966	55,720	249,058	296,330	297,073	302,570	305,506	311,721	318,046	318,541
12/31/2001	36,150	145,529	180,123	244,041	271,799	277,177	290,835	293,775	296,988	296,988	296,988
12/31/2002	24,116	55,831	83,434	104,051	104,111	108,548	144,669	192,970	218,309	247,903	274,543
12/31/2003	25,424	115,262	475,004	783,543	1,093,687	1,185,593	1,215,807	1,439,459	1,492,693	1,493,750	1,493,750
12/31/2004	35,304	125,560	305,592	465,388	547,744	716,520	750,697	770,838	773,342	773,342	773,342
12/31/2005	39,457	56,280	280,822	579,837	764,645	997,654	1,094,255	1,309,470	1,465,347	1,747,681	1,792,351
12/31/2006	76,959	134,584	373,620	571,979	743,035	886,139	932,842	997,144	1,014,898	1,039,224	1,373,129
12/31/2007	106,965	240,306	463,602	706,373	921,376	1,018,547	1,285,627	1,385,491	1,453,004	1,542,375	1,633,098
12/31/2008	106,876	268,452	797,554	1,182,777	1,454,648	1,744,785	1,848,881	1,869,880	1,889,409	1,937,948	2,446,223
12/31/2009	155,042	302,610	594,623	1,086,133	1,678,748	1,761,423	1,981,817	2,104,001	2,054,509	2,132,130	2,288,737
12/31/2010	106,281	322,253	520,875	848,024	877,287	931,915	948,299	976,871	1,026,131	1,193,984	
12/31/2011	308,866	367,830	599,911	709,754	932,315	1,054,096	1,136,100	1,151,903	1,156,755		
12/31/2012	24,928	149,046	280,566	465,560	487,776	527,239	568,479	712,319			
12/31/2013	169,870	295,411	321,349	335,677	390,048	405,794	447,093				
12/31/2014	103,908	188,657	233,378	422,858	525,986	528,504					
12/31/2015	395,803	466,467	687,610	885,427	734,850						
12/31/2016	144,889	243,737	473,647	534,579							
12/31/2017	47,618	165,472	282,996								
12/31/2018	96,897	287,914									
12/31/2019	125,070										

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>
12/31/2000	318,644	318,796	318,796	318,796	318,796	318,796	318,796	318,796	318,796
12/31/2001	300,123	300,123	300,332	300,332	300,332	300,332	300,332	300,332	
12/31/2002	274,543	274,543	274,543	274,543	274,543	274,543	274,543		
12/31/2003	1,494,156	1,493,862	1,493,862	1,493,862	1,493,862	1,493,862			
12/31/2004	774,935	772,990	772,990	772,990	772,990				
12/31/2005	1,786,184	1,898,351	1,901,217	1,905,172					
12/31/2006	1,442,480	1,460,689	1,496,024						
12/31/2007	1,658,064	1,677,107							
12/31/2008	2,446,223								

COMPLETED OPERATIONS (Subline Code 336)
 FULL COVERAGE
 MULTISTATE
 BODILY INJURY - OCCURRENCE
 INCURRED ACCIDENT YEAR BASIC LIMITS LOSS DEVELOPMENT EXCLUDING ALAE

\$100,000 Basic Limit Losses as of:											
A.Y.E.	15 Months	27 Months	39 Months	51 Months	63 Months	75 Months	87 Months	99 Months	111 Months	123 Months	135 Months
12/31/2000	3,242,674	7,144,726	8,981,631	10,648,892	10,464,196	10,814,240	10,323,302	10,286,487	10,137,136	10,175,780	10,173,201
12/31/2001	3,133,452	6,660,980	8,776,836	9,811,634	10,370,281	10,363,562	10,197,264	9,952,141	9,847,539	9,746,086	9,767,456
12/31/2002	2,758,877	6,641,268	8,656,737	9,461,388	10,317,479	10,423,394	10,763,771	10,970,492	11,190,124	11,294,959	11,328,677
12/31/2003	3,470,539	6,397,716	9,686,336	10,239,423	10,166,351	9,993,584	9,741,661	9,703,855	9,687,387	9,723,788	9,774,798
12/31/2004	4,459,289	6,731,994	9,314,891	10,444,438	10,389,712	9,863,317	10,176,098	10,131,332	10,114,920	10,150,083	10,254,941
12/31/2005	4,032,914	6,897,838	9,698,351	10,798,454	10,752,934	10,954,814	11,310,428	11,195,717	11,118,123	11,210,059	11,165,605
12/31/2006	4,118,288	7,991,102	12,143,269	12,860,188	12,777,964	12,975,034	12,848,267	13,060,896	12,972,185	12,886,864	12,813,754
12/31/2007	4,102,327	7,805,367	10,690,625	11,903,762	11,984,701	12,062,570	11,769,326	11,919,965	12,116,873	11,902,398	11,882,985
12/31/2008	4,034,766	7,616,099	10,989,668	11,695,921	11,492,025	11,443,616	12,120,941	11,857,037	11,913,439	11,869,198	12,033,604
12/31/2009	4,688,238	7,515,638	10,516,899	11,134,662	11,140,849	11,587,261	11,291,981	11,279,398	11,165,995	11,006,663	10,941,865
12/31/2010	4,587,101	9,381,269	11,472,678	12,840,889	13,943,374	13,994,289	13,548,619	13,404,958	13,297,191	13,174,779	
12/31/2011	4,511,215	7,061,884	10,610,877	12,695,390	12,661,749	11,638,688	11,728,586	11,507,789	11,398,868		
12/31/2012	3,387,762	7,252,074	12,865,348	12,856,255	13,101,719	12,982,240	12,656,061	12,471,057			
12/31/2013	4,000,180	9,223,943	11,294,278	12,956,977	13,071,827	13,037,182	13,279,634				
12/31/2014	5,096,138	7,859,189	11,925,736	12,349,829	12,174,727	11,560,249					
12/31/2015	4,298,913	7,713,301	11,385,982	12,137,423	12,054,672						
12/31/2016	2,908,112	7,655,730	11,103,353	12,115,610							
12/31/2017	3,891,649	7,788,966	11,023,869								
12/31/2018	4,420,937	8,796,088									
12/31/2019	5,392,704										

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

COMPLETED OPERATIONS (Subline Code 336)
FULL COVERAGE
MULTISTATE
BODILY INJURY - OCCURRENCE
INCURRED ACCIDENT YEAR BASIC LIMITS LOSS DEVELOPMENT EXCLUDING ALAE
Link Ratios

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

<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>			
12/31/2000	1.005	0.994	1.005	1.000	1.001	1.000	1.000	1.004			
12/31/2001	1.000	1.004	1.004	0.998	0.997	1.010	1.001	1.000 *			
12/31/2002	1.003	1.013	1.000	0.999	1.004	1.000	1.000 *	1.000 *			
12/31/2003	1.001	1.004	0.998	1.000	0.997	0.999 *	1.000 *	1.000 *			
12/31/2004	1.019	0.994	1.001	1.002	1.000 *	0.999 *	1.000 *	1.000 *			
12/31/2005	0.996	0.994	0.999								
12/31/2006	0.999	1.000									
12/31/2007	0.993										
3 Yr Mean	0.996	0.996	0.999	1.000	0.999 @	1.003 @	1.001 @	1.004 @			
Best 3/5	0.999	0.999	1.000	1.000	0.999 *	1.000 *	1.000 *	1.000 *			

<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>
12/31/2015					0.979	0.986	0.985	0.996	0.990	0.996	0.999
12/31/2016				1.000	0.979	0.986	0.985	0.996	0.990	0.996	0.999
12/31/2017			1.064	1.000	0.979	0.986	0.985	0.996	0.990	0.996	0.999
12/31/2018		1.447	1.064	1.000	0.979	0.986	0.985	0.996	0.990	0.996	0.999
12/31/2019	1.928	1.447	1.064	1.000	0.979	0.986	0.985	0.996	0.990	0.996	0.999

<u>A.Y.E.</u>	<u>147/159</u>	<u>159/171</u>	<u>171/183</u>	<u>183/195</u>	<u>195/207</u>	<u>207/219</u>	<u>219/231</u>	<u>231/243</u>	<u>243/U1t</u>	<u>FACTORS</u>
12/31/2015	0.999	0.999	1.000	1.000	0.999	1.000	1.000	1.000	1.000*	0.930
12/31/2016	0.999	0.999	1.000	1.000	0.999	1.000	1.000	1.000	1.000*	0.930
12/31/2017	0.999	0.999	1.000	1.000	0.999	1.000	1.000	1.000	1.000*	0.990
12/31/2018	0.999	0.999	1.000	1.000	0.999	1.000	1.000	1.000	1.000*	1.432
12/31/2019	0.999	0.999	1.000	1.000	0.999	1.000	1.000	1.000	1.000*	2.761

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

COMPLETED OPERATIONS (Subline Code 336)
 DEDUCTIBLE
 MULTISTATE
 BODILY INJURY - OCCURRENCE
 INCURRED ACCIDENT YEAR BASIC LIMITS LOSS DEVELOPMENT EXCLUDING ALAE

\$100,000 Basic Limit Losses as of:											
A.Y.E.	15 Months	27 Months	39 Months	51 Months	63 Months	75 Months	87 Months	99 Months	111 Months	123 Months	135 Months
12/31/2000	200,596	346,602	976,862	1,276,948	1,067,025	1,639,815	1,461,086	1,342,286	1,417,605	1,408,305	1,337,107
12/31/2001	341,894	717,993	931,446	983,561	925,921	1,006,703	1,264,056	1,362,273	1,314,023	1,301,223	1,208,023
12/31/2002	225,354	646,851	1,120,130	1,160,429	1,369,778	1,357,332	1,668,535	1,718,535	1,542,453	1,464,178	1,393,679
12/31/2003	319,688	867,685	1,366,084	1,255,628	1,211,547	1,314,289	1,316,395	1,340,895	1,320,895	1,320,895	1,344,495
12/31/2004	267,810	621,021	1,029,012	1,051,848	1,091,198	1,010,394	845,283	857,080	890,480	868,580	821,480
12/31/2005	666,165	1,019,464	969,246	921,235	1,102,588	946,878	1,048,432	1,050,432	1,013,532	1,152,441	1,097,866
12/31/2006	817,591	1,004,931	1,254,896	1,371,721	1,367,373	1,198,955	1,173,954	1,394,554	1,534,005	1,484,236	1,380,504
12/31/2007	289,168	836,860	810,021	946,250	1,039,501	1,152,701	1,092,343	1,085,168	1,060,864	1,060,365	1,108,415
12/31/2008	275,445	623,754	665,194	761,040	735,573	914,521	1,007,977	1,145,724	1,158,771	1,096,313	1,095,313
12/31/2009	471,789	950,400	1,069,085	1,263,752	1,084,741	1,154,076	1,098,109	1,097,244	1,038,243	1,153,243	1,138,109
12/31/2010	598,172	717,553	1,271,274	1,676,833	1,417,928	1,351,454	1,276,164	1,322,665	1,417,736	1,417,726	
12/31/2011	270,205	768,752	1,179,204	1,638,563	1,671,608	1,555,990	1,555,990	1,555,990	1,555,990		
12/31/2012	383,511	1,139,597	1,405,578	1,652,860	1,649,357	1,695,210	1,692,710	1,712,708			
12/31/2013	1,675,399	2,417,513	2,512,315	2,522,059	2,567,808	2,668,307	2,782,307				
12/31/2014	1,846,961	2,366,662	2,733,796	3,025,494	3,109,813	3,062,713					
12/31/2015	979,370	1,453,033	1,825,642	2,328,315	2,235,619						
12/31/2016	1,109,680	2,254,257	2,968,685	3,139,415							
12/31/2017	527,754	1,879,511	2,447,208								
12/31/2018	870,529	1,778,390									
12/31/2019	1,188,706										

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

COMPLETED OPERATIONS (Subline Code 336)
 DEDUCTIBLE
 MULTISTATE
 BODILY INJURY - OCCURRENCE
 INCURRED ACCIDENT YEAR BASIC LIMITS LOSS DEVELOPMENT EXCLUDING ALAE
 Link Ratios

A.Y.E.	27: 15	39: 27	51: 39	63: 51	75: 63	87: 75	99: 87	111: 99	123:111	135:123	147:135
12/31/2000	1.728	2.818	1.307	0.836	1.537	0.891	0.919	1.056	0.993	0.949	1.013
12/31/2001	2.100	1.297	1.056	0.941	1.087	1.256	1.078	0.965	0.990	0.928	1.000
12/31/2002	2.870	1.732	1.036	1.180	0.991	1.229	1.030	0.898	0.949	0.952	0.971
12/31/2003	2.714	1.574	0.919	0.965	1.085	1.002	1.019	0.985	1.000	1.018	0.998
12/31/2004	2.319	1.657	1.022	1.037	0.926	0.837	1.014	1.039	0.975	0.946	0.999
12/31/2005	1.530	0.951	0.950	1.197	0.859	1.107	1.002	0.965	1.137	0.953	1.036
12/31/2006	1.229	1.249	1.093	0.997	0.877	0.979	1.188	1.100	0.968	0.930	0.970
12/31/2007	2.894	0.968	1.168	1.099	1.109	0.948	0.993	0.978	1.000	1.045	1.189
12/31/2008	2.265	1.066	1.144	0.967	1.243	1.102	1.137	1.011	0.946	0.999	0.995
12/31/2009	2.014	1.125	1.182	0.858	1.064	0.952	0.999	0.946	1.111	0.987	
12/31/2010	1.200	1.772	1.319	0.846	0.953	0.944	1.036	1.072	1.000		
12/31/2011	2.845	1.534	1.390	1.020	0.931	1.000	1.000	1.000			
12/31/2012	2.971	1.233	1.176	0.998	1.028	0.999	1.012				
12/31/2013	1.443	1.039	1.004	1.018	1.039	1.043					
12/31/2014	1.281	1.155	1.107	1.028	0.985						
12/31/2015	1.484	1.256	1.275	0.960							
12/31/2016	2.031	1.317	1.058								
12/31/2017	3.561	1.302									
12/31/2018	2.043										

3 Yr Mean 2.545 1.292 1.147 1.002 1.017 1.014 1.016 1.006 1.019 1.010 1.051

Best 3/5 1.853 1.238 1.114 1.012 0.989 0.984 1.016 0.996 0.989 0.980 1.010

A.Y.E.	159:147	171:159	183:171	195:183	207:195	219:207	231:219	243:231
12/31/2000	0.972	0.977	1.052	0.996	1.000	1.000	1.001	1.000
12/31/2001	1.000	1.036	0.968	1.000	1.021	1.000	1.000	1.001 *
12/31/2002	1.004	0.999	1.000	1.000	1.074	1.000	1.001 *	1.001 *
12/31/2003	0.983	1.000	1.000	1.076	1.000	1.007 *	1.001 *	1.001 *
12/31/2004	1.000	1.000	1.122	1.000	1.000 *	1.007 *	1.001 *	1.001 *
12/31/2005	1.000	1.053	1.000					
12/31/2006	1.075	1.000						
12/31/2007	0.924							

3 Yr Mean 1.000 1.018 1.041 1.025 1.032 @ 1.000 @ 1.001 @ 1.000 @

Best 3/5 0.994 1.000 1.000 1.000 1.007 * 1.002 * 1.001 * 1.001 *

A.Y.E.	15/ 27	27/ 39	39/ 51	51/ 63	63/ 75	75/ 87	87/ 99	99/111	111/123	123/135	135/147
12/31/2015					0.989	0.984	1.016	0.996	0.989	0.980	1.010
12/31/2016				1.012	0.989	0.984	1.016	0.996	0.989	0.980	1.010
12/31/2017			1.114	1.012	0.989	0.984	1.016	0.996	0.989	0.980	1.010
12/31/2018		1.238	1.114	1.012	0.989	0.984	1.016	0.996	0.989	0.980	1.010
12/31/2019	1.853	1.238	1.114	1.012	0.989	0.984	1.016	0.996	0.989	0.980	1.010

A.Y.E.	147/159	159/171	171/183	183/195	195/207	207/219	219/231	231/243	243/U1t	FACTORS
12/31/2015	0.994	1.000	1.000	1.000	1.007	1.002	1.001	1.001	1.004*	0.973
12/31/2016	0.994	1.000	1.000	1.000	1.007	1.002	1.001	1.001	1.004*	0.984
12/31/2017	0.994	1.000	1.000	1.000	1.007	1.002	1.001	1.001	1.004*	1.097
12/31/2018	0.994	1.000	1.000	1.000	1.007	1.002	1.001	1.001	1.004*	1.358
12/31/2019	0.994	1.000	1.000	1.000	1.007	1.002	1.001	1.001	1.004*	2.516

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

COMPLETED OPERATIONS (Subline Code 336)
FULL COVERAGE
MULTISTATE
BODILY INJURY - OCCURRENCE
INCURRED ACCIDENT YEAR ALAE DEVELOPMENT

Allocated Expenses as of:											
A.Y.E	15 Months	27 Months	39 Months	51 Months	63 Months	75 Months	87 Months	99 Months	111 Months	123 Months	135 Months
12/31/2000	643,844	2,431,452	3,578,961	5,854,174	6,394,044	7,064,768	7,067,499	7,064,159	7,114,848	7,362,976	7,373,492
12/31/2001	558,211	1,856,091	3,689,297	5,810,923	7,200,600	7,909,890	8,510,608	8,496,738	8,559,767	8,569,994	8,542,240
12/31/2002	664,985	2,787,414	4,538,065	7,756,133	8,549,969	9,970,633	10,287,382	10,637,334	10,891,335	10,908,318	10,991,183
12/31/2003	1,043,010	2,221,347	4,668,805	7,438,984	8,290,635	8,904,390	9,533,868	9,529,891	9,401,256	9,440,277	9,492,425
12/31/2004	541,289	1,801,861	4,151,954	6,488,638	8,171,597	9,128,242	10,318,999	10,164,636	10,235,773	10,264,179	10,587,457
12/31/2005	728,569	1,319,198	3,655,956	6,037,866	7,273,289	7,943,782	8,472,072	8,676,203	8,995,840	9,287,042	9,457,581
12/31/2006	743,466	3,193,168	5,897,006	7,596,244	9,018,645	10,174,820	10,735,728	11,061,898	11,336,147	11,351,122	11,330,437
12/31/2007	799,462	2,375,331	5,141,892	8,716,390	9,718,518	10,325,847	10,590,425	10,874,455	11,055,835	11,168,546	11,197,300
12/31/2008	815,732	2,139,077	4,509,355	6,682,726	8,683,219	9,845,665	10,550,990	11,056,131	11,754,341	15,012,188	14,804,798
12/31/2009	541,159	1,879,623	4,050,348	6,338,868	8,614,865	9,187,449	9,470,536	9,692,278	9,704,391	9,821,435	9,861,032
12/31/2010	826,831	2,779,802	5,287,250	8,031,142	10,606,394	11,712,257	12,568,267	12,604,517	12,991,200	13,061,123	
12/31/2011	778,980	2,081,452	4,381,129	7,615,724	9,911,678	10,731,903	11,176,153	11,258,464	11,417,519		
12/31/2012	390,490	1,620,373	5,442,819	8,050,079	9,704,090	11,475,152	12,126,816	11,530,076			
12/31/2013	508,732	2,077,655	4,775,359	8,156,124	10,055,383	11,352,873	11,734,808				
12/31/2014	543,643	2,178,262	5,285,493	7,069,279	8,248,455	9,161,634					
12/31/2015	446,937	1,725,785	4,633,495	6,391,667	8,343,686						
12/31/2016	405,440	1,820,825	3,795,001	7,484,555							
12/31/2017	658,897	2,130,600	4,756,450								
12/31/2018	497,876	2,138,309									
12/31/2019	362,112										

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

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

171 to Ultimate Factor: 1.014

* Calculated Using Modified Bondy Method

COMPLETED OPERATIONS (Subline Code 336)
FULL COVERAGE
MULTISTATE
BODILY INJURY - OCCURRENCE
INCURRED ACCIDENT YEAR ALAE DEVELOPMENT

A.Y.E	Increments												
	27: 15	39: 27	51: 39	63: 51	75: 63	87: 75	99: 87	111: 99	123: 111	135: 123	147: 135	159:147	171:159
12/31/2000	1,787,608	1,147,509	2,275,213	539,870	670,724	2,731	-3,340	50,689	248,128	10,516	112,540	-3,518	-10,686
12/31/2001	1,297,880	1,833,206	2,121,626	1,389,677	709,290	600,718	-13,870	63,029	10,227	-27,754	32,464	-11,276	12,360
12/31/2002	2,122,429	1,750,651	3,218,068	793,836	1,420,664	316,749	349,952	254,001	16,983	82,865	66,271	184,518	86,118
12/31/2003	1,178,337	2,447,458	2,770,179	851,651	613,755	629,478	-3,977	-128,635	39,021	52,148	111,286	37,634	77,301
12/31/2004	1,260,572	2,350,093	2,336,684	1,682,959	956,645	1,190,757	-154,363	71,137	28,406	323,278	183,412	126,112	50,330
12/31/2005	590,629	2,336,758	2,381,910	1,235,423	670,493	528,290	204,131	319,637	291,202	170,539	140,310	227,480	60,258
12/31/2006	2,449,702	2,703,838	1,699,238	1,422,401	1,156,175	560,908	326,170	274,249	14,975	-20,685	96,811	-1,919	9,448
12/31/2007	1,575,869	2,766,561	3,574,498	1,002,128	607,329	264,578	284,030	181,380	112,711	28,754	-2,480	56,624	
12/31/2008	1,323,345	2,370,278	2,173,371	2,000,493	1,162,446	705,325	505,141	698,210	3,257,847	-207,390	220,999		
12/31/2009	1,338,464	2,170,725	2,288,520	2,275,997	572,584	283,087	221,742	12,113	117,044	39,597			
12/31/2010	1,952,971	2,507,448	2,743,892	2,575,252	1,105,863	856,010	36,250	386,683	69,923				
12/31/2011	1,302,472	2,299,677	3,234,595	2,295,954	820,225	444,250	82,311	159,055					
12/31/2012	1,229,883	3,822,446	2,607,260	1,654,011	1,771,062	651,664	-596,740						
12/31/2013	1,568,923	2,697,704	3,380,765	1,899,259	1,297,490	381,935							
12/31/2014	1,634,619	3,107,231	1,783,786	1,179,176	913,179								
12/31/2015	1,278,848	2,907,710	1,758,172	1,952,019									
12/31/2016	1,415,385	1,974,176	3,689,554										
12/31/2017	1,471,703	2,625,850											
12/31/2018	1,640,433												

A.Y.E	Incremental Percentages												
	27: 15	39: 27	51: 39	63: 51	75: 63	87: 75	99: 87	111: 99	123: 111	135: 123	147: 135	159:147	171:159
12/31/2000	0.0940	0.0603	0.1196	0.0284	0.0353	0.0001	-0.0002	0.0027	0.0130	0.0006	0.0059	-0.0002	-0.0006
12/31/2001	0.0754	0.1064	0.1232	0.0807	0.0412	0.0349	-0.0008	0.0037	0.0006	-0.0016	0.0019	-0.0007	0.0007
12/31/2002	0.0969	0.0800	0.1470	0.0363	0.0649	0.0145	0.0160	0.0116	0.0008	0.0038	0.0030	0.0084	0.0039
12/31/2003	0.0692	0.1436	0.1626	0.0500	0.0360	0.0369	-0.0002	-0.0075	0.0023	0.0031	0.0065	0.0022	0.0045
12/31/2004	0.0719	0.1341	0.1333	0.0960	0.0546	0.0679	-0.0088	0.0041	0.0016	0.0184	0.0105	0.0072	0.0029
12/31/2005	0.0267	0.1056	0.1076	0.0558	0.0303	0.0239	0.0092	0.0144	0.0132	0.0077	0.0063	0.0103	0.0027
12/31/2006	0.0956	0.1055	0.0663	0.0555	0.0451	0.0219	0.0127	0.0107	0.0006	-0.0008	0.0038	-0.0001	0.0004
12/31/2007	0.0765	0.1343	0.1735	0.0486	0.0295	0.0128	0.0138	0.0088	0.0055	0.0014	-0.0001	0.0027	
12/31/2008	0.0598	0.1071	0.0982	0.0904	0.0525	0.0319	0.0228	0.0315	0.1472	-0.0094	0.0100		
12/31/2009	0.0622	0.1008	0.1063	0.1057	0.0266	0.0131	0.0103	0.0006	0.0054	0.0018			
12/31/2010	0.0845	0.1084	0.1187	0.1114	0.0478	0.0370	0.0016	0.0167	0.0030				
12/31/2011	0.0633	0.1117	0.1571	0.1115	0.0398	0.0216	0.0040	0.0077					
12/31/2012	0.0497	0.1546	0.1054	0.0669	0.0716	0.0264	-0.0241						
12/31/2013	0.0643	0.1105	0.1385	0.0778	0.0531	0.0156							
12/31/2014	0.0779	0.1481	0.0850	0.0562	0.0435								
12/31/2015	0.0633	0.1440	0.0871	0.0967									
12/31/2016	0.0604	0.0842	0.1574										
12/31/2017	0.0680	0.1213											
12/31/2018	0.0664												

Best 3/5	0.0659	0.1252	0.1103	0.0804	0.0482	0.0212	0.0053	0.0111	0.0046	0.0008	0.0067	0.0041	0.0032
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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:											
A.Y.E.	15 Months	27 Months	39 Months	51 Months	63 Months	75 Months	87 Months	99 Months	111 Months	123 Months	135 Months
12/31/2000	19,808,090	27,513,766	32,883,313	37,299,108	39,684,063	42,593,053	46,285,456	48,009,019	48,866,943	50,071,906	50,411,856
12/31/2001	21,909,043	29,846,817	35,674,447	39,122,304	42,350,495	43,668,645	44,640,677	46,870,818	48,222,285	48,773,581	48,723,579
12/31/2002	23,033,940	31,255,274	35,353,537	39,985,091	40,711,979	41,424,616	43,446,380	45,229,285	46,156,309	45,704,901	46,107,721
12/31/2003	25,487,822	30,662,205	34,739,291	35,202,326	37,681,916	38,642,405	39,153,559	40,204,403	41,417,933	41,608,388	42,045,451
12/31/2004	25,873,260	32,080,437	35,648,557	39,699,683	41,830,897	43,935,450	45,715,124	46,834,875	48,622,259	49,317,247	50,655,331
12/31/2005	23,266,575	28,632,713	32,897,088	37,194,255	39,587,655	42,114,786	44,790,066	46,138,460	47,734,613	47,935,832	48,888,175
12/31/2006	31,453,497	39,047,918	45,310,399	50,640,143	56,298,873	58,115,633	59,829,612	59,380,783	60,714,175	61,538,916	63,447,916
12/31/2007	35,488,486	43,496,756	51,811,667	54,642,563	57,281,096	59,379,407	60,415,648	62,482,631	64,206,571	66,232,367	68,877,782
12/31/2008	44,863,061	53,068,002	59,008,138	61,463,405	62,715,392	64,230,546	66,401,391	67,621,066	75,834,116	83,848,997	78,468,586
12/31/2009	48,977,514	57,599,573	63,950,614	65,234,551	67,009,019	67,782,276	68,930,461	72,177,338	77,321,257	77,654,957	78,355,281
12/31/2010	48,630,304	57,567,513	61,068,606	62,932,082	65,131,026	66,601,748	67,990,291	70,124,529	71,440,989	71,690,491	
12/31/2011	48,261,319	53,966,786	55,977,283	56,695,640	57,931,453	60,472,405	62,680,333	64,005,746	65,477,144		
12/31/2012	40,520,596	46,020,895	47,620,728	50,150,600	52,916,362	55,527,928	57,297,093	57,972,330			
12/31/2013	36,268,550	40,494,989	44,685,308	46,651,040	49,440,107	51,050,877	53,214,410				
12/31/2014	35,474,045	41,168,133	44,272,152	46,654,048	47,709,693	49,744,488					
12/31/2015	34,195,202	40,588,663	46,069,719	49,487,561	51,721,971						
12/31/2016	33,344,652	43,686,632	48,620,722	53,012,575							
12/31/2017	36,447,545	44,163,456	51,402,168								
12/31/2018	40,360,527	52,395,300									
12/31/2019	43,262,712										
A.Y.E.	147 Months	159 Months	171 Months	183 Months	195 Months	207 Months	219 Months	231 Months	243 Months		
12/31/2000	50,983,064	50,877,387	50,875,280	50,896,044	50,779,404	50,649,705	50,696,219	50,698,060	50,779,702		
12/31/2001	49,063,320	48,862,203	48,991,403	49,207,145	49,173,606	49,312,215	49,599,108	49,486,190			
12/31/2002	46,428,305	46,555,551	46,595,499	46,617,180	47,123,358	47,241,895	47,526,230				
12/31/2003	42,206,157	42,636,206	43,049,349	43,598,187	43,919,538	43,985,393					
12/31/2004	51,477,166	52,060,887	52,106,245	52,475,978	52,635,147						
12/31/2005	49,311,344	49,759,332	50,202,672	51,166,654							
12/31/2006	64,613,733	65,474,176	66,056,306								
12/31/2007	69,476,183	69,908,943									
12/31/2008	76,672,413										

COMPLETED OPERATIONS (Subline Code 336)

FULL COVERAGE

MULTISTATE

PROPERTY DAMAGE - OCCURRENCE

INCURRED ACCIDENT YEAR BASIC LIMITS LOSS DEVELOPMENT EXCLUDING ALAE

Link Ratios

A.Y.E.	27: 15	39: 27	51: 39	63: 51	75: 63	87: 75	99: 87	111: 99	123:111	135:123	147:135
12/31/2000	1.389	1.195	1.134	1.064	1.073	1.087	1.037	1.018	1.025	1.007	1.011
12/31/2001	1.362	1.195	1.097	1.083	1.031	1.022	1.050	1.029	1.011	0.999	1.007
12/31/2002	1.357	1.131	1.131	1.018	1.018	1.049	1.041	1.020	0.990	1.009	1.007
12/31/2003	1.203	1.133	1.013	1.070	1.025	1.013	1.027	1.030	1.005	1.011	1.004
12/31/2004	1.240	1.111	1.114	1.054	1.050	1.041	1.024	1.038	1.014	1.027	1.016
12/31/2005	1.231	1.149	1.131	1.064	1.064	1.064	1.030	1.035	1.004	1.020	1.009
12/31/2006	1.241	1.160	1.118	1.112	1.032	1.029	0.992	1.022	1.014	1.031	1.018
12/31/2007	1.226	1.191	1.055	1.048	1.037	1.017	1.034	1.028	1.032	1.040	1.009
12/31/2008	1.183	1.112	1.042	1.020	1.024	1.034	1.018	1.121	1.106	0.936	0.977
12/31/2009	1.176	1.110	1.020	1.027	1.012	1.017	1.047	1.071	1.004	1.009	
12/31/2010	1.184	1.061	1.031	1.035	1.023	1.021	1.031	1.019	1.003		
12/31/2011	1.118	1.037	1.013	1.022	1.044	1.037	1.021	1.023			
12/31/2012	1.136	1.035	1.053	1.055	1.049	1.032	1.012				
12/31/2013	1.117	1.103	1.044	1.060	1.033	1.042					
12/31/2014	1.161	1.075	1.054	1.023	1.043						
12/31/2015	1.187	1.135	1.074	1.045							
12/31/2016	1.310	1.113	1.090								
12/31/2017	1.212	1.164									
12/31/2018	1.298										

3 Yr Mean 1.273 1.137 1.073 1.043 1.042 1.037 1.021 1.038 1.038 0.995 1.001

Best 3/5 1.232 1.117 1.060 1.041 1.040 1.030 1.023 1.041 1.017 1.020 1.011

A.Y.E.	159:147	171:159	183:171	195:183	207:195	219:207	231:219	243:231
12/31/2000	0.998	1.000	1.000	0.998	0.997	1.001	1.000	1.002
12/31/2001	0.996	1.003	1.004	0.999	1.003	1.006	0.998	1.001 *
12/31/2002	1.003	1.001	1.000	1.011	1.003	1.006	1.003 *	1.001 *
12/31/2003	1.010	1.010	1.013	1.007	1.001	1.001 *	1.003 *	1.001 *
12/31/2004	1.011	1.001	1.007	1.003	1.001 *	1.001 *	1.003 *	1.001 *
12/31/2005	1.009	1.009	1.019					
12/31/2006	1.013	1.009						
12/31/2007	1.006							

3 Yr Mean 1.009 1.006 1.013 1.007 1.002 @ 1.004 @ 0.999 @ 1.002 @

Best 3/5 1.010 1.006 1.008 1.003 1.002 * 1.003 * 1.002 * 1.001 *

Development From

A.Y.E.	15/ 27	27/ 39	39/ 51	51/ 63	63/ 75	75/ 87	87/ 99	99/111	111/123	123/135	135/147
12/31/2015					1.040	1.030	1.023	1.041	1.017	1.020	1.011
12/31/2016				1.041	1.040	1.030	1.023	1.041	1.017	1.020	1.011
12/31/2017			1.060	1.041	1.040	1.030	1.023	1.041	1.017	1.020	1.011
12/31/2018		1.117	1.060	1.041	1.040	1.030	1.023	1.041	1.017	1.020	1.011
12/31/2019	1.232	1.117	1.060	1.041	1.040	1.030	1.023	1.041	1.017	1.020	1.011

A.Y.E.	147/159	159/171	171/183	183/195	195/207	207/219	219/231	231/243	243/U1t	FACTORS
12/31/2015	1.010	1.006	1.008	1.003	1.002	1.003	1.002	1.001	1.001*	1.240
12/31/2016	1.010	1.006	1.008	1.003	1.002	1.003	1.002	1.001	1.001*	1.291
12/31/2017	1.010	1.006	1.008	1.003	1.002	1.003	1.002	1.001	1.001*	1.368
12/31/2018	1.010	1.006	1.008	1.003	1.002	1.003	1.002	1.001	1.001*	1.528
12/31/2019	1.010	1.006	1.008	1.003	1.002	1.003	1.002	1.001	1.001*	1.883

* Calculated Using Modified Bondy Method

@ Three year mean Excludes Modified Bondy ratios

COMPLETED OPERATIONS (Subline Code 336)
 DEDUCTIBLE
 MULTISTATE
 PROPERTY DAMAGE - OCCURRENCE
 INCURRED ACCIDENT YEAR BASIC LIMITS LOSS DEVELOPMENT EXCLUDING ALAE

\$100,000 Basic Limit Losses as of:											
A.Y.E.	15 Months	27 Months	39 Months	51 Months	63 Months	75 Months	87 Months	99 Months	111 Months	123 Months	135 Months
12/31/2000	3,110,566	4,932,427	6,831,157	9,015,250	11,306,631	14,086,885	16,171,641	17,956,827	18,777,973	21,050,584	22,803,202
12/31/2001	3,489,097	5,526,504	7,581,604	10,294,575	13,581,290	16,815,565	21,563,607	22,972,910	25,465,689	25,537,377	27,074,587
12/31/2002	3,869,547	5,266,889	7,634,451	9,448,387	11,115,022	13,703,839	15,356,116	17,226,965	19,460,727	19,390,207	19,372,934
12/31/2003	4,151,510	6,018,111	7,594,180	8,333,617	9,667,188	10,268,702	11,268,578	11,961,965	12,636,940	13,486,959	13,405,243
12/31/2004	5,713,030	7,273,617	9,072,099	9,610,483	10,285,041	11,289,209	11,825,510	13,002,517	13,363,273	13,776,819	13,846,045
12/31/2005	6,296,515	8,701,064	9,375,398	9,986,408	11,286,387	11,720,149	12,109,484	12,779,633	13,388,177	13,202,366	13,523,890
12/31/2006	7,507,229	8,962,205	10,025,912	10,565,337	10,646,130	11,477,526	12,178,651	12,647,071	12,909,501	13,700,371	14,350,399
12/31/2007	9,298,561	11,418,052	11,859,475	12,270,316	12,694,397	13,189,571	14,291,579	14,986,763	15,640,150	16,888,743	16,946,572
12/31/2008	8,708,416	11,425,136	13,610,880	13,751,059	14,609,021	15,447,772	16,418,618	16,909,427	17,698,751	17,838,043	18,373,791
12/31/2009	7,936,132	10,248,930	11,588,943	12,368,204	13,351,311	14,588,864	15,599,355	16,034,889	16,601,788	17,153,056	17,504,711
12/31/2010	8,904,290	10,536,324	10,739,898	11,605,270	12,335,135	12,551,916	12,967,656	13,890,332	14,147,671	14,335,409	
12/31/2011	8,404,568	10,335,323	11,326,642	11,434,548	12,190,531	12,880,043	13,361,935	13,803,680	13,715,936		
12/31/2012	7,691,078	9,085,628	9,766,402	10,190,379	11,585,794	12,221,772	12,485,104	13,465,344			
12/31/2013	10,290,474	12,132,459	12,805,200	13,636,881	14,217,651	14,894,818	15,589,721				
12/31/2014	10,475,019	12,362,690	14,118,741	15,606,041	16,371,177	17,310,083					
12/31/2015	12,365,417	15,339,247	16,177,333	16,808,450	18,126,155						
12/31/2016	13,146,303	15,120,444	17,669,230	18,933,815							
12/31/2017	11,689,536	14,174,033	17,172,970								
12/31/2018	12,577,707	15,632,745									
12/31/2019	10,402,615										

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

COMPLETED OPERATIONS (Subline Code 336)
 DEDUCTIBLE
 MULTISTATE
 PROPERTY DAMAGE - OCCURRENCE
 INCURRED ACCIDENT YEAR BASIC LIMITS LOSS DEVELOPMENT EXCLUDING ALAE
 Link Ratios

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

3 Yr Mean 1.202 1.145 1.072 1.057 1.053 1.035 1.061 1.016 1.018 1.018 1.009

Best 3/5 1.211 1.122 1.060 1.064 1.053 1.039 1.045 1.033 1.036 1.025 1.009

A.Y.E.	<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>			
12/31/2000	1.009	0.997	0.999	0.990	0.993	1.002	1.000	0.995			
12/31/2001	1.003	0.986	0.997	0.993	1.002	0.997	0.999	1.000 *			
12/31/2002	0.990	0.985	0.988	1.004	1.000	1.002	1.000 *	1.000 *			
12/31/2003	1.015	0.974	0.996	0.996	1.000	0.999 *	1.000 *	1.000 *			
12/31/2004	1.010	1.002	0.999	0.995	0.995 *	0.999 *	1.000 *	1.000 *			
12/31/2005	1.015	1.013	1.002								
12/31/2006	1.008	1.019									
12/31/2007	1.013										

3 Yr Mean 1.012 1.011 0.999 0.998 1.001 @ 1.000 @ 1.000 @ 0.995 @

Best 3/5 1.013 1.000 0.997 0.995 0.998 * 1.000 * 1.000 * 1.000 *

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>
12/31/2015					1.053	1.039	1.045	1.033	1.036	1.025	1.009
12/31/2016				1.064	1.053	1.039	1.045	1.033	1.036	1.025	1.009
12/31/2017			1.060	1.064	1.053	1.039	1.045	1.033	1.036	1.025	1.009
12/31/2018		1.122	1.060	1.064	1.053	1.039	1.045	1.033	1.036	1.025	1.009
12/31/2019	1.211	1.122	1.060	1.064	1.053	1.039	1.045	1.033	1.036	1.025	1.009

A.Y.E.	<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
12/31/2015	1.013	1.000	0.997	0.995	0.998	1.000	1.000	1.000	1.000*	1.269
12/31/2016	1.013	1.000	0.997	0.995	0.998	1.000	1.000	1.000	1.000*	1.350
12/31/2017	1.013	1.000	0.997	0.995	0.998	1.000	1.000	1.000	1.000*	1.431
12/31/2018	1.013	1.000	0.997	0.995	0.998	1.000	1.000	1.000	1.000*	1.606
12/31/2019	1.013	1.000	0.997	0.995	0.998	1.000	1.000	1.000	1.000*	1.945

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

COMPLETED OPERATIONS (Subline Code 336)
 FULL COVERAGE
 MULTISTATE
 PROPERTY DAMAGE - OCCURRENCE
 INCURRED ACCIDENT YEAR ALAE DEVELOPMENT

Allocated Expenses as of:											
A.Y.E	15 Months	27 Months	39 Months	51 Months	63 Months	75 Months	87 Months	99 Months	111 Months	123 Months	135 Months
12/31/2000	1,757,953	4,056,566	7,874,976	12,681,444	16,474,294	21,051,181	27,039,720	31,029,917	32,792,010	35,408,090	37,303,469
12/31/2001	3,224,507	6,541,943	12,453,523	18,086,151	23,307,618	28,895,037	34,992,799	39,042,880	42,273,519	44,282,682	45,352,211
12/31/2002	2,486,909	6,530,760	12,627,227	17,762,886	21,866,991	24,870,352	27,432,836	29,737,653	32,945,489	34,622,061	35,369,027
12/31/2003	3,439,439	6,588,087	12,290,831	16,576,239	20,881,963	24,801,289	26,886,488	29,392,224	31,401,041	33,323,038	34,883,378
12/31/2004	2,803,912	6,122,669	12,034,520	18,193,748	22,376,079	26,592,351	29,793,886	33,765,877	38,262,620	41,569,963	45,158,806
12/31/2005	2,015,444	6,342,051	11,665,463	17,215,003	22,179,840	27,844,627	31,210,751	35,393,310	39,900,046	43,547,370	45,385,271
12/31/2006	3,888,998	8,717,311	15,996,576	23,161,903	30,011,287	36,028,023	42,163,407	45,758,269	52,237,766	55,098,044	58,041,626
12/31/2007	4,454,730	9,060,203	17,105,276	23,482,644	29,502,366	35,740,087	40,289,846	45,207,161	49,352,018	53,063,540	55,992,141
12/31/2008	5,245,589	12,536,823	20,844,613	31,071,907	39,900,284	45,728,684	49,417,791	52,459,198	56,321,088	58,111,890	60,082,213
12/31/2009	7,474,944	15,526,182	26,943,689	38,649,250	47,416,250	53,417,224	57,828,371	63,074,607	65,405,140	68,313,092	70,848,513
12/31/2010	6,206,235	14,316,208	25,133,928	36,265,652	42,976,323	48,175,789	52,000,521	54,010,985	56,741,827	57,409,049	
12/31/2011	7,191,634	14,070,707	21,378,389	27,721,971	32,494,691	37,606,867	42,058,306	44,271,651	45,998,954		
12/31/2012	5,475,801	11,595,832	18,697,735	26,187,339	34,348,039	38,433,137	40,272,099	42,579,926			
12/31/2013	4,590,339	11,502,861	17,566,744	26,010,928	31,860,244	34,572,575	36,418,699				
12/31/2014	4,431,066	10,481,012	17,291,177	23,457,452	27,756,815	31,770,027					
12/31/2015	5,213,249	10,893,995	17,597,591	23,873,540	29,209,371						
12/31/2016	5,464,428	12,576,603	21,153,940	30,172,631							
12/31/2017	4,431,992	10,069,411	18,838,610								
12/31/2018	4,380,045	12,565,623									
12/31/2019	5,902,316										

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

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

171 to Ultimate Factor: 1.034

* Calculated Using Modified Bondy Method

COMPLETED OPERATIONS (Subline Code 336)
FULL COVERAGE
MULTISTATE
PROPERTY DAMAGE - OCCURRENCE
INCURRED ACCIDENT YEAR ALAE DEVELOPMENT

Increments													
A.Y.E	27: 15	39: 27	51: 39	63: 51	75: 63	87: 75	99: 87	111: 99	123: 111	135: 123	147: 135	159:147	171:159
12/31/2000	2,298,613	3,818,410	4,806,468	3,792,850	4,576,887	5,988,539	3,990,197	1,762,093	2,616,080	1,895,379	2,085,961	100,370	-99,562
12/31/2001	3,317,436	5,911,580	5,632,628	5,221,467	5,587,419	6,097,762	4,050,081	3,230,639	2,009,163	1,069,529	795,785	295,271	238,142
12/31/2002	4,043,851	6,096,467	5,135,659	4,104,105	3,003,361	2,562,484	2,304,817	3,207,836	1,676,572	746,966	1,284,757	1,418,780	532,717
12/31/2003	3,148,648	5,702,744	4,285,408	4,305,724	3,919,326	2,085,199	2,505,736	2,008,817	1,921,997	1,560,340	1,692,787	580,464	923,840
12/31/2004	3,318,757	5,911,851	6,159,228	4,182,331	4,216,272	3,201,535	3,971,991	4,496,743	3,307,343	3,588,843	3,766,114	2,307,770	891,157
12/31/2005	4,326,607	5,323,412	5,549,540	4,964,837	5,664,787	3,366,124	4,182,559	4,506,736	3,647,324	1,837,901	1,029,821	1,223,368	384,610
12/31/2006	4,828,313	7,279,265	7,165,327	6,849,384	6,016,736	6,135,384	3,594,862	6,479,497	2,860,278	2,943,582	1,418,548	1,313,984	217,797
12/31/2007	4,605,473	8,045,073	6,377,368	6,019,722	6,237,721	4,549,759	4,917,315	4,144,857	3,711,522	2,928,601	1,458,307	940,779	
12/31/2008	7,291,234	8,307,790	10,227,294	8,828,377	5,828,400	3,689,107	3,041,407	3,861,890	1,790,802	1,970,323	1,738,552		
12/31/2009	8,051,238	11,417,507	11,705,561	8,767,000	6,000,974	4,411,147	5,246,236	2,330,533	2,907,952	2,535,421			
12/31/2010	8,109,973	10,817,720	11,131,724	6,710,671	5,199,466	3,824,732	2,010,464	2,730,842	667,222				
12/31/2011	6,879,073	7,307,682	6,343,582	4,772,720	5,112,176	4,451,439	2,213,345	1,727,303					
12/31/2012	6,120,031	7,101,903	7,489,604	8,160,700	4,085,098	1,838,962	2,307,827						
12/31/2013	6,912,522	6,063,883	8,444,184	5,849,316	2,712,331	1,846,124							
12/31/2014	6,049,946	6,810,165	6,166,275	4,299,363	4,013,212								
12/31/2015	5,680,746	6,703,596	6,275,949	5,335,831									
12/31/2016	7,112,175	8,577,337	9,018,691										
12/31/2017	5,637,419	8,769,199											
12/31/2018	8,185,578												

Incremental Percentages													
A.Y.E	27: 15	39: 27	51: 39	63: 51	75: 63	87: 75	99: 87	111: 99	123: 111	135: 123	147: 135	159:147	171:159
12/31/2000	0.0318	0.0528	0.0665	0.0524	0.0633	0.0828	0.0552	0.0244	0.0362	0.0262	0.0288	0.0014	-0.0014
12/31/2001	0.0467	0.0831	0.0792	0.0734	0.0786	0.0858	0.0570	0.0454	0.0283	0.0150	0.0112	0.0042	0.0033
12/31/2002	0.0586	0.0884	0.0745	0.0595	0.0435	0.0372	0.0334	0.0465	0.0243	0.0108	0.0186	0.0206	0.0077
12/31/2003	0.0510	0.0924	0.0695	0.0698	0.0635	0.0338	0.0406	0.0326	0.0312	0.0253	0.0274	0.0094	0.0150
12/31/2004	0.0424	0.0755	0.0787	0.0534	0.0539	0.0409	0.0508	0.0575	0.0423	0.0459	0.0481	0.0295	0.0114
12/31/2005	0.0604	0.0744	0.0775	0.0694	0.0791	0.0470	0.0584	0.0630	0.0510	0.0257	0.0144	0.0171	0.0054
12/31/2006	0.0502	0.0757	0.0745	0.0712	0.0626	0.0638	0.0374	0.0674	0.0298	0.0306	0.0148	0.0137	0.0023
12/31/2007	0.0462	0.0807	0.0640	0.0604	0.0626	0.0457	0.0493	0.0416	0.0372	0.0294	0.0146	0.0094	
12/31/2008	0.0655	0.0747	0.0919	0.0793	0.0524	0.0332	0.0273	0.0347	0.0161	0.0177	0.0156		
12/31/2009	0.0686	0.0973	0.0998	0.0747	0.0512	0.0376	0.0447	0.0199	0.0248	0.0216			
12/31/2010	0.0756	0.1008	0.1037	0.0625	0.0485	0.0356	0.0187	0.0254	0.0062				
12/31/2011	0.0700	0.0744	0.0645	0.0486	0.0520	0.0453	0.0225	0.0176					
12/31/2012	0.0677	0.0785	0.0828	0.0903	0.0452	0.0203	0.0255						
12/31/2013	0.0794	0.0696	0.0970	0.0672	0.0311	0.0212							
12/31/2014	0.0714	0.0803	0.0727	0.0507	0.0473								
12/31/2015	0.0592	0.0698	0.0654	0.0556									
12/31/2016	0.0741	0.0894	0.0940										
12/31/2017	0.0572	0.0890											
12/31/2018	0.0683												

Best 3/5	0.0663	0.0797	0.0832	0.0578	0.0470	0.0315	0.0251	0.0267	0.0235	0.0256	0.0150	0.0134	0.0082
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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>
12/31/2000	6,003,416	7,694,200	8,540,387	9,782,857	8,936,867	8,897,430	8,863,506	8,920,694	8,836,806	8,850,539	8,833,864
12/31/2001	6,260,753	7,848,737	9,034,285	9,404,968	9,288,761	9,587,373	9,634,966	9,522,079	9,567,040	9,533,919	9,582,339
12/31/2002	6,696,271	7,908,616	9,404,611	10,634,272	10,583,447	10,485,693	10,286,297	10,269,678	10,269,878	10,266,056	10,372,057
12/31/2003	4,782,122	6,687,613	9,196,607	9,807,545	10,308,788	10,219,039	10,002,339	9,896,156	9,909,334	9,994,371	9,875,435
12/31/2004	5,821,307	7,142,281	8,478,795	9,165,644	8,940,369	8,675,279	8,748,441	8,591,927	8,630,919	8,652,348	8,623,883
12/31/2005	6,275,659	6,705,396	8,319,484	8,467,644	8,356,855	8,298,491	8,286,624	8,325,497	8,218,377	8,197,246	8,197,097
12/31/2006	5,342,988	6,549,720	8,048,086	8,075,534	7,863,619	7,640,220	7,453,148	7,462,564	7,524,064	7,524,064	7,524,064
12/31/2007	5,244,230	6,049,992	7,468,913	7,396,881	7,612,806	7,498,295	7,345,838	7,123,450	7,013,841	7,028,838	7,028,838
12/31/2008	5,600,378	6,867,080	7,840,579	7,629,512	7,370,073	7,493,419	7,516,336	7,397,585	7,397,585	7,446,585	7,446,585
12/31/2009	6,388,755	7,181,784	8,749,415	8,868,186	8,773,672	8,765,522	8,693,925	8,717,681	8,721,240	8,721,240	8,716,679
12/31/2010	7,135,395	8,618,347	10,330,310	10,459,308	10,756,304	10,591,268	10,546,652	10,544,708	10,544,708	10,538,987	
12/31/2011	6,805,548	7,855,162	8,753,462	9,259,141	9,092,658	8,944,064	8,882,255	8,754,582	8,793,025		
12/31/2012	4,779,759	6,073,468	7,247,185	7,495,742	7,541,915	7,492,376	7,439,759	7,390,798			
12/31/2013	5,287,497	6,305,432	7,107,232	7,098,974	6,982,343	6,989,417	7,083,616				
12/31/2014	4,876,394	5,892,210	6,253,902	6,415,175	6,412,082	6,517,520					
12/31/2015	5,166,783	5,488,209	6,117,286	6,585,538	6,483,126						
12/31/2016	3,952,537	5,249,400	6,824,538	6,729,246							
12/31/2017	4,160,103	5,677,268	6,497,011								
12/31/2018	3,856,296	5,182,912									
12/31/2019	4,253,514										

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

LOCAL PRODUCTS (Subline Code 336)

FULL COVERAGE

MULTISTATE

BODILY INJURY - OCCURRENCE

INCURRED ACCIDENT YEAR BASIC LIMITS LOSS DEVELOPMENT EXCLUDING ALAE

Link Ratios

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

A.Y.E.	<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>			
12/31/2000	0.992	1.004	1.004	0.999	0.998	1.014	0.997	1.006			
12/31/2001	1.000	1.004	0.996	0.997	0.997	1.011	1.000	1.001 *			
12/31/2002	1.001	1.001	1.012	0.990	1.000	1.000	1.003 *	1.001 *			
12/31/2003	0.999	1.000	1.001	0.999	1.000	0.999 *	1.003 *	1.001 *			
12/31/2004	1.000	1.000	1.000	1.000	0.999 *	0.999 *	1.003 *	1.001 *			
12/31/2005	0.999	1.000	1.000								
12/31/2006	1.000	1.000									
12/31/2007	1.000										
3 Yr Mean	1.000	1.000	1.000	0.996	0.999 @	1.008 @	0.999 @	1.006 @			
Best 3/5	1.000	1.000	1.000	0.999	0.999 *	1.003 *	1.002 *	1.001 *			

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>
12/31/2015					0.993	0.994	0.993	1.000	1.001	1.000	1.000
12/31/2016				0.989	0.993	0.994	0.993	1.000	1.001	1.000	1.000
12/31/2017			1.020	0.989	0.993	0.994	0.993	1.000	1.001	1.000	1.000
12/31/2018		1.129	1.020	0.989	0.993	0.994	0.993	1.000	1.001	1.000	1.000
12/31/2019	1.293	1.129	1.020	0.989	0.993	0.994	0.993	1.000	1.001	1.000	1.000

A.Y.E.	<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
12/31/2015	1.000	1.000	1.000	0.999	0.999	1.003	1.002	1.001	1.001*	0.986
12/31/2016	1.000	1.000	1.000	0.999	0.999	1.003	1.002	1.001	1.001*	0.975
12/31/2017	1.000	1.000	1.000	0.999	0.999	1.003	1.002	1.001	1.001*	0.995
12/31/2018	1.000	1.000	1.000	0.999	0.999	1.003	1.002	1.001	1.001*	1.123
12/31/2019	1.000	1.000	1.000	0.999	0.999	1.003	1.002	1.001	1.001*	1.452

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

LOCAL PRODUCTS (Subline Code 336)
 DEDUCTIBLE
 MULTISTATE
 BODILY INJURY - OCCURRENCE
 INCURRED ACCIDENT YEAR BASIC LIMITS LOSS DEVELOPMENT EXCLUDING ALAE

\$100,000 Basic Limit Losses as of:

A.Y.E.	15 Months	27 Months	39 Months	51 Months	63 Months	75 Months	87 Months	99 Months	111 Months	123 Months	135 Months
12/31/2000	307,947	522,538	548,144	470,582	495,582	487,426	483,426	484,426	484,426	483,426	518,426
12/31/2001	278,108	352,647	423,736	497,128	463,128	463,128	453,128	453,128	453,128	466,532	466,532
12/31/2002	396,353	421,131	375,361	483,852	474,098	435,359	435,358	435,358	435,358	435,358	435,358
12/31/2003	117,923	247,091	212,216	266,930	184,537	118,752	117,252	92,151	92,151	92,151	92,151
12/31/2004	697,843	657,590	1,063,635	1,241,071	845,010	846,290	823,891	823,890	823,890	823,890	823,890
12/31/2005	643,891	761,839	1,111,308	1,006,815	901,847	985,264	985,263	985,313	985,313	985,942	985,942
12/31/2006	418,771	865,598	844,642	721,113	743,571	743,014	743,014	743,014	743,014	743,014	743,014
12/31/2007	356,809	468,326	750,395	792,104	741,935	732,035	732,035	763,035	763,035	763,035	757,035
12/31/2008	526,684	422,912	537,374	427,853	351,603	368,464	367,964	367,964	367,964	367,964	367,964
12/31/2009	282,839	293,410	307,353	245,369	437,719	438,719	438,619	438,619	438,619	438,619	438,619
12/31/2010	430,140	332,606	295,973	283,473	289,473	289,473	289,473	283,473	283,473	283,473	
12/31/2011	423,952	633,662	867,478	857,128	864,628	848,229	934,729	934,729	934,774		
12/31/2012	326,481	435,311	376,201	400,369	485,565	489,369	489,369	489,369			
12/31/2013	380,760	640,789	672,182	828,320	844,087	843,635	843,635				
12/31/2014	912,269	928,506	883,658	1,154,421	1,104,421	1,088,421					
12/31/2015	406,162	569,654	628,440	714,804	724,134						
12/31/2016	303,321	438,584	585,396	573,416							
12/31/2017	372,726	934,827	856,443								
12/31/2018	382,104	499,796									
12/31/2019	326,762										

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

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>
12/31/2000	1.697	1.049	0.859	1.053	0.984	0.992	1.002	1.000	0.998	1.072	0.967
12/31/2001	1.268	1.202	1.173	0.932	1.000	0.978	1.000	1.000	1.030	1.000	1.000
12/31/2002	1.063	0.891	1.289	0.980	0.918	1.000	1.000	1.000	1.000	1.000	1.000
12/31/2003	2.095	0.859	1.258	0.691	0.644	0.987	0.786	1.000	1.000	1.000	1.000
12/31/2004	0.942	1.617	1.167	0.681	1.002	0.974	1.000	1.000	1.000	1.000	1.000
12/31/2005	1.183	1.459	0.906	0.896	1.092	1.000	1.000	1.000	1.001	1.000	1.000
12/31/2006	2.067	0.976	0.854	1.031	0.999	1.000	1.000	1.000	1.000	1.000	1.000
12/31/2007	1.313	1.602	1.056	0.937	0.987	1.000	1.042	1.000	1.000	0.992	1.000
12/31/2008	0.803	1.271	0.796	0.822	1.048	0.999	1.000	1.000	1.000	1.000	1.000
12/31/2009	1.037	1.048	0.798	1.784	1.002	1.000	1.000	1.000	1.000	1.000	
12/31/2010	0.773	0.890	0.958	1.021	1.000	1.000	0.979	1.000	1.000		
12/31/2011	1.495	1.369	0.988	1.009	0.981	1.102	1.000	1.000			
12/31/2012	1.333	0.864	1.064	1.213	1.008	1.000	1.000				
12/31/2013	1.683	1.049	1.232	1.019	0.999	1.000					
12/31/2014	1.018	0.952	1.306	0.957	0.986						
12/31/2015	1.403	1.103	1.137	1.013							
12/31/2016	1.446	1.335	0.980								
12/31/2017	2.508	0.916									
12/31/2018	1.308										

3 Yr Mean 1.754 1.118 1.141 0.996 0.998 1.034 0.993 1.000 1.000 0.997 1.000

Best 3/5 1.386 1.035 1.144 1.014 0.995 1.000 1.000 1.000 1.000 1.000 1.000

A.Y.E.	<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>			
12/31/2000	1.001	1.132	0.981	1.011	0.998	0.993	0.965	1.000			
12/31/2001	0.994	1.090	1.000	0.950	0.991	1.176	1.086	0.999 *			
12/31/2002	1.000	1.000	0.983	1.000	1.000	1.000	0.999 *	0.999 *			
12/31/2003	1.000	1.000	1.000	1.072	1.000	0.999 *	0.999 *	0.999 *			
12/31/2004	1.000	1.000	1.000	1.000	1.004 *	0.999 *	0.999 *	0.999 *			
12/31/2005	1.000	1.000	1.000								
12/31/2006	1.000	1.000									
12/31/2007	1.000										

3 Yr Mean 1.000 1.000 1.000 1.024 0.997 @ 1.056 @ 1.026 @ 1.000 @

Best 3/5 1.000 1.000 1.000 1.004 0.999 * 0.999 * 0.999 * 0.999 *

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>
12/31/2015					0.995	1.000	1.000	1.000	1.000	1.000	1.000
12/31/2016				1.014	0.995	1.000	1.000	1.000	1.000	1.000	1.000
12/31/2017			1.144	1.014	0.995	1.000	1.000	1.000	1.000	1.000	1.000
12/31/2018		1.035	1.144	1.014	0.995	1.000	1.000	1.000	1.000	1.000	1.000
12/31/2019	1.386	1.035	1.144	1.014	0.995	1.000	1.000	1.000	1.000	1.000	1.000

A.Y.E.	<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>
12/31/2015	1.000	1.000	1.000	1.004	0.999	0.999	0.999	0.999	0.996*	0.991
12/31/2016	1.000	1.000	1.000	1.004	0.999	0.999	0.999	0.999	0.996*	1.005
12/31/2017	1.000	1.000	1.000	1.004	0.999	0.999	0.999	0.999	0.996*	1.150
12/31/2018	1.000	1.000	1.000	1.004	0.999	0.999	0.999	0.999	0.996*	1.190
12/31/2019	1.000	1.000	1.000	1.004	0.999	0.999	0.999	0.999	0.996*	1.649

* Calculated Using Modified Bondy Method

@ Three year mean Excludes Modified Bondy ratios

LOCAL PRODUCTS (Subline Code 336)
FULL COVERAGE
MULTISTATE
BODILY INJURY - OCCURRENCE
INCURRED ACCIDENT YEAR ALAE DEVELOPMENT

Allocated Expenses as of:

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

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

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

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

Best 3/5	0.0571	0.0819	0.0635	0.0367	0.0246	0.0074	0.0015	0.0016	0.0002	0.0000	0.0000	0.0008	0.0001
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LOCAL PRODUCTS (Subline Code 336)
 FULL COVERAGE
 MULTISTATE
 BODILY INJURY - OCCURRENCE
 INCURRED ACCIDENT YEAR ALAE DEVELOPMENT

<u>A.Y.E.</u>	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>
12/31/2000	1.011	1.013	1.005	1.009	1.009	1.025	1.017 *
12/31/2001	1.019	1.024	1.017	1.007	1.005	1.004 *	1.017 *
12/31/2002	1.041	0.966	1.002	1.001	1.004 *	1.004 *	1.017 *
12/31/2003	1.011	0.998	0.999	1.002 *	1.004 *	1.004 *	1.017 *
12/31/2004	1.000	1.000	1.002 *	1.002 *	1.004 *	1.004 *	1.017 *
12/31/2005	1.000						
Best 3/5	1.010	1.004	1.003 *	1.004 *	1.004 *	1.004 *	1.017 *

171 to Ultimate Factor: 1.047

<u>Months-to-Ultimate</u>	Cumulative Incremental Factors						
	<u>15</u>	<u>27</u>	<u>39</u>	<u>51</u>	<u>63</u>	<u>75</u>	<u>87</u>
	0.275	0.218	0.136	0.073	0.036	0.012	0.004
<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	0.001	0.001	0.001	0.001	0.000	0.000

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

* Calculated Using Modified Bondy Method

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

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

LOCAL PRODUCTS (Subline Code 336)

FULL COVERAGE

MULTISTATE

PROPERTY DAMAGE - OCCURRENCE

INCURRED ACCIDENT YEAR BASIC LIMITS LOSS DEVELOPMENT EXCLUDING ALAE

Link Ratios

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

A.Y.E.	<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>			
12/31/2000	0.998	1.001	0.998	1.000	0.999	1.000	1.000	1.000			
12/31/2001	0.981	1.002	1.001	1.005	1.000	1.000	1.000	1.000 *			
12/31/2002	1.032	1.003	1.004	1.008	0.999	1.000	1.000 *	1.000 *			
12/31/2003	0.993	0.995	1.009	1.000	0.998	0.999 *	1.000 *	1.000 *			
12/31/2004	1.003	1.046	0.994	1.040	1.003 *	0.999 *	1.000 *	1.000 *			
12/31/2005	0.996	1.000	1.030								
12/31/2006	0.990	1.020									
12/31/2007	1.004										
3 Yr Mean	0.997	1.022	1.011	1.016	0.999 @	1.000 @	1.000 @	1.000 @			
Best 3/5	0.997	1.008	1.005	1.004	0.999 *	1.000 *	1.000 *	1.000 *			

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>
12/31/2015					1.023	1.002	1.023	1.007	1.008	1.002	1.003
12/31/2016				1.007	1.023	1.002	1.023	1.007	1.008	1.002	1.003
12/31/2017			1.005	1.007	1.023	1.002	1.023	1.007	1.008	1.002	1.003
12/31/2018		1.097	1.005	1.007	1.023	1.002	1.023	1.007	1.008	1.002	1.003
12/31/2019	1.028	1.097	1.005	1.007	1.023	1.002	1.023	1.007	1.008	1.002	1.003

A.Y.E.	<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
12/31/2015	0.997	1.008	1.005	1.004	0.999	1.000	1.000	1.000	1.000*	1.084
12/31/2016	0.997	1.008	1.005	1.004	0.999	1.000	1.000	1.000	1.000*	1.091
12/31/2017	0.997	1.008	1.005	1.004	0.999	1.000	1.000	1.000	1.000*	1.097
12/31/2018	0.997	1.008	1.005	1.004	0.999	1.000	1.000	1.000	1.000*	1.203
12/31/2019	0.997	1.008	1.005	1.004	0.999	1.000	1.000	1.000	1.000*	1.237

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

LOCAL PRODUCTS (Subline Code 336)
 DEDUCTIBLE
 MULTISTATE
 PROPERTY DAMAGE - OCCURRENCE
 INCURRED ACCIDENT YEAR BASIC LIMITS LOSS DEVELOPMENT EXCLUDING ALAE

\$100,000 Basic Limit Losses as of:

A.Y.E.	15 Months	27 Months	39 Months	51 Months	63 Months	75 Months	87 Months	99 Months	111 Months	123 Months	135 Months
12/31/2000	150,416	248,134	188,848	196,780	189,280	253,280	237,878	257,878	215,285	215,285	215,285
12/31/2001	208,337	185,152	211,162	225,824	225,824	216,726	265,726	270,726	265,727	267,726	365,726
12/31/2002	119,421	133,880	171,299	184,812	251,892	369,610	483,705	465,706	502,946	539,631	567,026
12/31/2003	286,617	257,949	283,776	398,386	518,958	600,492	644,606	716,722	797,706	987,310	1,083,780
12/31/2004	267,359	144,698	230,232	354,867	441,630	632,353	616,235	904,464	1,008,422	1,087,637	1,296,374
12/31/2005	171,817	242,035	293,014	372,892	413,788	517,693	577,501	578,079	622,969	1,071,187	1,185,448
12/31/2006	278,671	268,222	382,330	527,781	647,562	746,113	720,042	744,136	932,230	1,066,447	970,261
12/31/2007	336,059	547,823	574,771	515,905	485,339	476,360	480,227	577,227	574,377	571,155	571,155
12/31/2008	294,367	208,042	336,788	335,305	346,805	344,805	444,805	444,805	438,306	458,306	528,306
12/31/2009	177,301	176,935	144,535	143,435	143,535	250,348	250,248	350,248	350,248	350,248	350,248
12/31/2010	263,109	264,778	262,233	266,329	360,329	360,329	360,329	360,329	360,329	360,329	
12/31/2011	279,719	308,640	282,139	296,139	274,228	284,228	276,228	276,228	286,228		
12/31/2012	221,924	228,813	235,978	243,875	230,235	255,235	260,249	263,284			
12/31/2013	362,731	391,760	385,395	549,395	552,495	602,495	607,496				
12/31/2014	279,766	411,762	396,630	500,830	475,830	516,830					
12/31/2015	637,381	580,572	568,948	590,847	591,559						
12/31/2016	880,019	1,015,214	1,046,297	1,102,137							
12/31/2017	788,978	981,935	1,073,604								
12/31/2018	1,165,353	1,481,841									
12/31/2019	1,133,158										

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

LOCAL PRODUCTS (Subline Code 336)

DEDUCTIBLE

MULTISTATE

PROPERTY DAMAGE - OCCURRENCE

INCURRED ACCIDENT YEAR BASIC LIMITS LOSS DEVELOPMENT EXCLUDING ALAE

Link Ratios

A.Y.E.	<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>
12/31/2000	1.650	0.761	1.042	0.962	1.338	0.939	1.084	0.835	1.000	1.000	1.000
12/31/2001	0.889	1.140	1.069	1.000	0.960	1.226	1.019	0.982	1.008	1.366	1.000
12/31/2002	1.121	1.279	1.079	1.363	1.467	1.309	0.963	1.080	1.073	1.051	0.999
12/31/2003	0.900	1.100	1.404	1.303	1.157	1.073	1.112	1.113	1.238	1.098	1.179
12/31/2004	0.541	1.591	1.541	1.244	1.432	0.975	1.468	1.115	1.079	1.192	0.994
12/31/2005	1.409	1.211	1.273	1.110	1.251	1.116	1.001	1.078	1.719	1.107	0.991
12/31/2006	0.963	1.425	1.380	1.227	1.152	0.965	1.033	1.253	1.144	0.910	0.973
12/31/2007	1.630	1.049	0.898	0.941	0.981	1.008	1.202	0.995	0.994	1.000	1.000
12/31/2008	0.707	1.619	0.996	1.034	0.994	1.290	1.000	0.985	1.046	1.153	1.000
12/31/2009	0.998	0.817	0.992	1.001	1.744	1.000	1.400	1.000	1.000	1.000	
12/31/2010	1.006	0.990	1.016	1.353	1.000	1.000	1.000	1.000	1.000		
12/31/2011	1.103	0.914	1.050	0.926	1.036	0.972	1.000	1.036			
12/31/2012	1.031	1.031	1.033	0.944	1.109	1.020	1.012				
12/31/2013	1.080	0.984	1.426	1.006	1.090	1.008					
12/31/2014	1.472	0.963	1.263	0.950	1.086						
12/31/2015	0.911	0.980	1.038	1.001							
12/31/2016	1.154	1.031	1.053								
12/31/2017	1.245	1.093									
12/31/2018	1.272										

3 Yr Mean 1.224 1.035 1.118 0.986 1.095 1.000 1.004 1.012 1.015 1.051 0.991

Best 3/5 1.224 0.998 1.118 0.965 1.071 1.003 1.004 0.998 1.015 1.036 0.995

A.Y.E.	<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>
12/31/2000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
12/31/2001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000 *
12/31/2002	0.991	1.001	1.011	1.000	1.022	1.000	1.000 *	1.000 *
12/31/2003	1.016	0.940	0.958	1.001	0.993	1.000 *	1.000 *	1.000 *
12/31/2004	0.918	0.995	1.000	0.993	1.000 *	1.000 *	1.000 *	1.000 *
12/31/2005	1.009	0.974	0.992					
12/31/2006	0.972	0.995						
12/31/2007	1.000							

3 Yr Mean 0.994 0.988 0.983 0.998 1.005 @ 1.000 @ 1.000 @ 1.000 @

Best 3/5 0.994 0.988 0.997 1.000 1.000 * 1.000 * 1.000 * 1.000 *

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>
12/31/2015					1.071	1.003	1.004	0.998	1.015	1.036	0.995
12/31/2016				0.965	1.071	1.003	1.004	0.998	1.015	1.036	0.995
12/31/2017			1.118	0.965	1.071	1.003	1.004	0.998	1.015	1.036	0.995
12/31/2018		0.998	1.118	0.965	1.071	1.003	1.004	0.998	1.015	1.036	0.995
12/31/2019	1.224	0.998	1.118	0.965	1.071	1.003	1.004	0.998	1.015	1.036	0.995

A.Y.E.	<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
12/31/2015	0.994	0.988	0.997	1.000	1.000	1.000	1.000	1.000	1.000*	1.103
12/31/2016	0.994	0.988	0.997	1.000	1.000	1.000	1.000	1.000	1.000*	1.064
12/31/2017	0.994	0.988	0.997	1.000	1.000	1.000	1.000	1.000	1.000*	1.190
12/31/2018	0.994	0.988	0.997	1.000	1.000	1.000	1.000	1.000	1.000*	1.187
12/31/2019	0.994	0.988	0.997	1.000	1.000	1.000	1.000	1.000	1.000*	1.453

* Calculated Using Modified Bondy Method

@ Three year mean Excludes Modified Bondy ratios

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

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

LOCAL PRODUCTS (Subline Code 336)
FULL COVERAGE
MULTISTATE
PROPERTY DAMAGE - OCCURRENCE
INCURRED ACCIDENT YEAR ALAE DEVELOPMENT

Increments

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

Incremental Percentages

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

LOCAL PRODUCTS (Subline Code 336)
 FULL COVERAGE
 MULTISTATE
 PROPERTY DAMAGE - OCCURRENCE
 INCURRED ACCIDENT YEAR ALAE DEVELOPMENT

<u>A.Y.E.</u>	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>
12/31/2000	0.981	1.009	1.009	0.998	1.000	1.004	1.000 *
12/31/2001	1.040	1.097	1.000	1.000	1.002	1.000 *	1.000 *
12/31/2002	1.016	1.000	1.000	1.006	1.000 *	1.000 *	1.000 *
12/31/2003	1.024	1.000	0.995	1.000 *	1.000 *	1.000 *	1.000 *
12/31/2004	1.000	1.155	1.035 *	1.000 *	1.000 *	1.000 *	1.000 *
12/31/2005	1.429						
Best 3/5	1.027	1.035	1.003 *	1.000 *	1.000 *	1.000 *	1.000 *

171 to Ultimate Factor: 1.066

<u>Months-to-Ultimate</u>	Cumulative Incremental Factors						
	<u>15</u>	<u>27</u>	<u>39</u>	<u>51</u>	<u>63</u>	<u>75</u>	<u>87</u>
	0.300	0.248	0.199	0.159	0.115	0.091	0.059
<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>
	0.029	0.021	0.015	0.024	0.013	0.013	0.000

<u>A.Y.E</u>	Reported ALAE <u>as of 3/31/20</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>
12/31/2017	2,020,379	7,256,679	0.199	1,444,084	3,464,463	1.066	3,692,975
12/31/2018	885,566	7,007,644	0.248	1,737,898	2,623,464	1.066	2,796,465
12/31/2019	343,580	8,931,587	0.300	2,679,492	3,023,072	1.066	3,222,446

* Calculated Using Modified Bondy Method

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

<u>Item *</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2015 - 2019 Mean</u>
1. Direct Losses Incurred	\$24,958,455	\$25,388,567	\$22,632,160	\$26,519,433	\$28,416,595	
2. Allocated Loss Adjustment Expenses Incurred (ALAE)	\$6,032,038	\$4,939,134	\$5,935,928	\$5,781,764	\$5,750,906	
3. Unallocated Loss Adjustment Expenses Incurred (ULAE)	\$2,454,825	\$2,540,806	\$2,332,466	\$2,282,751	\$2,814,839	
4. Incurred Losses + ALAE [(1) + (2)]	\$30,990,493	\$30,327,701	\$28,568,088	\$32,301,197	\$34,167,501	
		<u>Incurred Percentage</u>				
5. Ratio of ULAE to (Losses + ALAE) [(3)/(4)]	7.9%	8.4%	8.2%	7.1%	8.2%	8.0%
6. Selected	8.0%					

Notes: All dollar amounts are displayed in thousands.

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

LOCAL PRODUCTS / COMPLETED OPERATIONS TREND SUMMARY

(1) <u>EXPOSURE TREND</u>	<u>LOCAL PRODUCTS</u>	<u>COMPLETED OPERATIONS</u>	<u>LOCAL PRODUCTS / COMPLETED OPERATIONS COMBINED</u>
Average Annual Percent Change			
a) 7/1/2017 to 7/1/2022 AYE 12/31/2017	+ 0.9%	+ 1.6%	+ 1.5%
b) 7/1/2018 to 7/1/2022 AYE 12/31/2018	+ 0.8%	+ 1.1%	+ 1.1%
c) 7/1/2019 to 7/1/2022 AYE 12/31/2019	+ 0.7%	+ 0.6%	+ 0.6%
(2) <u>OCCURRENCE SEVERITY</u>	<u>BODILY INJURY</u>	<u>PROPERTY DAMAGE</u>	
a) Fitted			
All Years	+ 6.4%	+ 4.8%	
Eight Years	+ 8.1%	+ 5.1%	
Six Years	+ 10.8%	+ 4.4%	
b) Selected	+ 5.0%	+ 4.5%	
(3) <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 12/31/2017, 12/31/2018 & 12/31/2019

(1) YEAR ENDING QUARTER*				(2) LOCAL PRODUCTS CLASS GROUP SALES EXPOSURE INDICES				(3) COMPLETED OPERATIONS CLASS GROUP PAYROLL EXPOSURE INDICES				(1) YEAR ENDING QUARTER*				(2) LOCAL PRODUCTS CLASS GROUP SALES EXPOSURE INDICES				(3) COMPLETED OPERATIONS CLASS GROUP PAYROLL EXPOSURE INDICES			
2009	1			0.961				22.128				2016	1			1.030				25.313			
	2			0.966				22.349					2			1.030				25.481			
	3			0.969				22.502					3			1.029				25.735			
	4			0.968				22.653					4			1.030				25.943			
2010	1			0.964				22.806				2017	1			1.033				26.166			
	2			0.962				22.928					2			1.034				26.330			
	3			0.962				23.080					3			1.037				26.530			
	4			0.965				23.208					4			1.040				26.719			
2011	1			0.968				23.312				2018	1			1.043				26.958			
	2			0.973				23.427					2			1.047				27.208			
	3			0.978				23.556					3			1.051				27.441			
	4			0.982				23.638					4			1.054				27.728			
2012	1			0.986				23.715				2019	1			1.057				27.949			
	2			0.990				23.794					2			1.060				28.183			
	3			0.995				23.873					3			1.062				28.355			
	4			1.000				23.965					4			1.064				28.506			
2013	1			1.004				24.062				2020	1			1.065				28.691			
	2			1.006				24.140					2			1.059				28.816			
	3			1.008				24.167					3P			1.055				28.993			
	4			1.010				24.208					4P			1.052				28.953			
2014	1			1.012				24.299				2021	1P			1.050				28.873			
	2			1.016				24.405					2P			1.055				28.805			
	3			1.019				24.538					3P			1.058				28.682			
	4			1.022				24.663					4P			1.062				28.738			
2015	1			1.024				24.759				2022	1P			1.067				28.793			
	2			1.026				24.909					2P			1.074				28.845			
	3			1.027				25.013					3P			1.081				28.905			
	4			1.030				25.172					4P			1.088				28.981			
CHANGE IN EXPOSURES				LOCAL PRODUCTS				COMPLETED OPERATIONS															
7/1/2017 to 7/1/2022				(2022:4/2017:4)				1.046				1.085											
7/1/2018 to 7/1/2022				(2022:4/2018:4)				1.032				1.045											
7/1/2019 to 7/1/2022				(2022:4/2019:4)				1.022				1.017											
AVERAGE ANNUAL TREND FACTOR																							
7/1/2017 to 7/1/2022				(5.0 YRS)				1.009				1.016											
7/1/2018 to 7/1/2022				(4.0 YRS)				1.008				1.011											
7/1/2019 to 7/1/2022				(3.0 YRS)				1.007				1.006											

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

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

(1) Accident Year <u>Ending</u>	(2) Basic Limit Paid <u>Losses *</u>	(3) Paid <u>Occurrences</u>	(4) (2)/(3) Actual <u>Severity</u>	(5) Exponential Curve of <u>Best Fit to Col (4)</u>		
				<u>10 Year</u>	<u>8 Year</u>	<u>6 Year</u>
12/31/2010	\$45,801,992	1,582	\$28,952	\$25,645		
12/31/2011	39,821,092	1,460	27,275	27,280		
12/31/2012	41,732,779	1,400	29,809	29,020	\$27,040	
12/31/2013	43,131,925	1,476	29,222	30,870	29,224	
12/31/2014	34,246,327	1,253	27,331	32,838	31,585	\$29,190
12/31/2015	35,432,643	1,098	32,270	34,932	34,136	32,347
12/31/2016	36,258,182	956	37,927	37,159	36,893	35,847
12/31/2017	37,125,436	876	42,381	39,529	39,872	39,725
12/31/2018	35,687,982	779	45,813	42,049	43,093	44,022
12/31/2019	37,257,460	838	44,460	44,730	46,573	48,784
Goodness of Fit Statistic, R-Squared:				0.816	0.852	0.894
Average Annual Severity Trend (10 yr)				+ 6.4%		
Average Annual Severity Trend (8 yr)				+ 8.1%		
Average Annual Severity Trend (6 yr)				+ 10.8%		
Selected Annual Severity Trend				+ 5.0%		

* Including basic indemnity and allocated loss adjustment expense developed separately to an ultimate settlement basis.
NOTE: Trends are based on reported paid full coverage data developed to ultimate using paid development factors.
(See Section B - Explanation of Trend Calculation).

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

(1) Accident Year <u>Ending</u>	(2) Basic Limit Paid <u>Losses *</u>	(3) Paid <u>Occurrences</u>	(4) (2)/(3) Actual <u>Severity</u>	(5) Exponential Curve of <u>Best Fit to Col (4)</u>		
				<u>10 Year</u>	<u>8 Year</u>	<u>6 Year</u>
12/31/2010	\$154,522,739	5,409	\$28,568	\$26,373		
12/31/2011	137,102,918	5,314	25,800	27,627		
12/31/2012	129,176,670	4,636	27,864	28,940	\$28,583	
12/31/2013	117,342,730	3,901	30,080	30,316	30,036	
12/31/2014	113,050,236	3,586	31,525	31,758	31,563	\$32,189
12/31/2015	121,873,434	3,643	33,454	33,268	33,168	33,615
12/31/2016	134,325,288	3,732	35,993	34,850	34,854	35,104
12/31/2017	132,895,067	3,573	37,194	36,507	36,626	36,658
12/31/2018	151,474,468	3,881	39,030	38,243	38,489	38,282
12/31/2019	161,489,635	4,176	38,671	40,061	40,446	39,978
Goodness of Fit Statistic, R-Squared:				0.919	0.961	0.922
Average Annual Severity Trend (10 yr)				+ 4.8%		
Average Annual Severity Trend (8 yr)				+ 5.1%		
Average Annual Severity Trend (6 yr)				+ 4.4%		
Selected Annual Severity Trend				+ 4.5%		

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

NOTE: Trends are based on reported paid full coverage data developed to ultimate using paid development factors.

(See Section B - Explanation of Trend Calculation).

LOCAL PRODUCTS/COMPLETED OPERATIONS

FREQUENCY TREND MULTISTATE

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

Bodily Injury and Property Damage Combined

(1) Accident Year <u>Ending</u>	(2) Aggregate Loss Costs at <u>Current Level</u>	(3) Occurrences at Ultimate ¹	(4) Occurrence Frequency <u>(3)/(2)²</u>
12/31/2006	\$ 326,238,970	8,442	25.88
12/31/2007	325,331,118	8,393	25.80
12/31/2008	315,497,006	8,878	28.14
12/31/2009	301,841,127	8,904	29.50
12/31/2010	290,309,875	9,504	32.74
12/31/2011	288,802,569	8,867	30.70
12/31/2012	290,344,199	8,404	28.94
12/31/2013	296,741,631	8,155	27.48
12/31/2014	305,683,597	7,561	24.74
12/31/2015	315,859,471	7,289	23.08
12/31/2016	332,011,620	7,443	22.42
12/31/2017	342,155,375	7,123	20.82
12/31/2018	345,741,663	7,176	20.75
12/31/2019	344,939,626	7,403	21.46

Selected Annual Frequency Trend: - 0.5%

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

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

CLASS GROUPS AND CALCULATION OF PROPOSED CLASS LOSS COSTS

Explanatory Notes

The following are definitions of the columns for the Local Products/Completed Operations calculation of proposed loss costs shown on pages G-55-61.

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

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

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

Column (4) is the credibility (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)

CLASS GROUPS AND CALCULATION OF PROPOSED CLASS LOSS COSTS

Explanatory Notes (Cont'd)

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

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

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

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

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

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

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

Change Factor = (Index) (Class Group Relative Change) (SWRL) (Off balance factor)
where "SWRL" equals the selected state monoline loss cost level change.
The off balance factor of 0.998 results from capping.

CLASS GROUPS AND CALCULATION OF PROPOSED CLASS LOSS COSTS

Explanatory Notes (Cont'd)

Column (8) is the percent change of the proposed state occurrence loss cost (column (10)) for each class with respect to the current state occurrence loss cost (column (9)).

Column (9) is the current state occurrence loss cost for each class.

Column (10) is the proposed state occurrence loss cost for each class.

LOSS COST % CHANGE BY CLASS

SUBLINE: LOCAL PRODUCTS/COMPLETED OPERATIONS

CLASS GROUP: 01

NUMBER OF YEARS OF DATA USED: 5

CHANGE FACTOR = INDEX * CG REL * SWRL USED = INDEX * .884 * 1.063

CLASS	AYE 2019 MONO/MULTI ALCCL (1)	5 YEAR MONO/MULTI ALCCL (2)	5 YEAR MONO/MULTI EXPERIENCE RATIO (3)	CRED. (4)	FORMULA ER (5)	INDEX (6)	CHANGE FACTOR (7)	STATE- WIDE % CHANGE (8)	PRESENT STATEWIDE OCCUR (9)	PROPOSED STATEWIDE OCCUR (10)
10100	181444	959476	1.68470	.3293	1.140	1.310	1.231	23.2	0.056	0.069
10145	42749	448118	.84412	.2183	.867	.997	.937	-10.0	0.010	0.009
10146	9391	51272	2.03607	.1031	.993	1.141	1.072	5.9	0.017	0.018
10352	27491	157031	.68939	.1370	.848	.975	.916	-8.7	0.069	0.063
11039	422386	2330218	1.11774	.5143	.999	1.148	1.079	7.9	0.076	0.082
11258	17443	91962	.00000	.1165	.771	.886	.833	-16.8	0.191	0.159
11259	122	1792	.00000	.0863	.798	.917	.862	-13.8	0.109	0.094
11288	57793	430754	1.06817	.2139	.915	1.052	.989	-1.4	0.072	0.071
12374	274986	1439043	.98933	.4082	.921	1.059	.995	0.0	0.085	0.085
12375	89944	799155	.25736	.2981	.690	.793	.745	-19.1	0.047	0.038 L
13673	262058	2318182	1.11960	.5131	1.000	1.149	1.080	7.1	0.014	0.015
13720	22460	201198	1.54860	.1504	.975	1.121	1.053	5.1	0.059	0.062
14401	40260	225435	.82401	.1576	.865	.994	.934	-6.3	0.095	0.089
15224	84924	574090	.98807	.2490	.902	1.037	.974	-2.9	0.070	0.068
16900	580451	2828668	.91668	.5585	.897	1.031	.969	-2.7	0.111	0.108
16901	2612308	10649308	.71771	.8183	.746	.857	.805	-19.7	0.173	0.139
16902	148469	704428	.48861	.2782	.766	.880	.827	-17.1	0.070	0.058
16905								-2.7	0.111	0.108
16906								-19.7	0.173	0.139
16910	2611628	16286487	.87726	.8724	.877	1.008	.947	-4.9	0.061	0.058
16911	267806	1262555	.80195	.3814	.846	.972	.913	-9.1	0.077	0.070
16915	62625	452100	.82903	.2193	.863	.992	.932	-6.5	0.046	0.043
16916	1394240	5299231	.88335	.6959	.880	1.011	.950	-4.8	0.083	0.079
16920	13600	85655	.98567	.1144	.886	1.018	.957	-4.4	0.135	0.129
16921	1445	5600	.00000	.0876	.797	.916	.861	-14.8	0.054	0.046
16930	105789	441697	.77204	.2167	.851	.978	.919	-8.2	0.183	0.168
16931	44041	182408	1.21631	.1448	.923	1.061	.997	0.0	0.080	0.080
16940	1125	4437	.00000	.0872	.797	.916	.861	-14.5	0.055	0.047
16941	23938	97208	.17191	.1182	.790	.908	.853	-15.2	0.092	0.078
18435	438323	2010062	.99822	.4808	.933	1.072	1.007	0.0	0.070	0.070
18436	18510	84119	.00000	.1139	.774	.890	.836	-16.1	0.149	0.125
18501	347166	2071315	.83017	.4876	.852	.979	.920	-6.7	0.015	0.014
45900	77789	353571	.00187	.1937	.704	.809	.760	-18.9	0.053	0.043 L
49617	643309	2682535	1.30332	.5464	1.108	1.274	1.197	19.5	0.226	0.270
57001	36401	231969	1.62744	.1595	.993	1.141	1.072	6.9	0.029	0.031

X-TILDE: .891 X-TILDE (MONOLINE): .870 PI-TILDE: .0049190
 TAU SQUARED: .03000 SIGMA SQUARED: 79236.61548

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

LOSS COST % CHANGE BY CLASS

SUBLINE: LOCAL PRODUCTS/COMPLETED OPERATIONS

CLASS GROUP: 02

NUMBER OF YEARS OF DATA USED: 5

CHANGE FACTOR = INDEX * CG REL * SWRL USED = INDEX * .986 * 1.063

CLASS	AYE 2019 MONO/MULTI ALCCL (1)	5 YEAR MONO/MULTI ALCCL (2)	5 YEAR MONO/MULTI EXPERIENCE RATIO (3)	CRED. (4)	FORMULA ER (5)	INDEX (6)	CHANGE FACTOR (7)	STATE- WIDE % CHANGE (8)	PRESENT STATEWIDE OCCUR (9)	PROPOSED STATEWIDE OCCUR (10)
10026	7875	38146	.00000	.0628	1.114	1.113	1.167	16.0	0.025	0.029
10042	1726858	7710444	1.02231	.5529	1.097	1.096	1.149	14.3	0.420	0.480
10060	1417	15404	.00000	.0598	1.118	1.117	1.171	16.7	0.048	0.056
10065	22568	180380	10.27050	.0815	1.929	1.927	2.020	30.0	0.030	0.039 U
10066	3961	22008	.00000	.0607	1.117	1.116	1.170	16.9	0.059	0.069
10071	846480	3584411	1.08735	.3780	1.151	1.150	1.205	20.6	0.141	0.170
10073	15400503	57956226	.87434	.8989	.906	.905	.949	-5.8	0.690	0.650
10075	837	4714	16.91260	.0583	2.106	2.104	2.205	32.0	0.169	0.223 U
10107	13111	142198	.70050	.0766	1.152	1.151	1.206	22.1	0.213	0.260
10115	84161	384900	.97408	.1071	1.166	1.165	1.221	21.6	0.097	0.118
10309	33640	197755	.12374	.0837	1.100	1.099	1.152	13.6	0.022	0.025
11020	13022	41930	.74756	.0633	1.161	1.160	1.216	21.5	0.186	0.226
11127	87746	517511	1.27883	.1229	1.200	1.199	1.257	30.0	0.010	0.013
11128	43344	197645	.83352	.0837	1.159	1.158	1.214	21.7	0.092	0.112
11204	52922	122057	.01868	.0739	1.103	1.102	1.155	15.8	1.840	2.130
11234	32338	173434	.73969	.0806	1.153	1.152	1.207	21.3	0.075	0.091
12014	27490	180181	.43371	.0815	1.128	1.127	1.181	18.6	0.043	0.051
12356	7485	52824	2.61966	.0648	1.282	1.281	1.343	29.7	0.037	0.048 U
12510	4571	36946	.00000	.0627	1.115	1.114	1.168	16.1	0.031	0.036
12805	1232241	5852756	1.28713	.4881	1.237	1.236	1.295	29.4	0.153	0.198
13351	1148587	5829198	1.61779	.4871	1.398	1.397	1.464	31.6	0.057	0.075 U
13352	7945	37589	.00000	.0628	1.114	1.113	1.167	16.3	0.043	0.050
13506	153673	560360	.88767	.1279	1.151	1.150	1.205	20.5	0.088	0.106
13507	57310	284989	.00494	.0947	1.077	1.076	1.128	12.8	0.188	0.212
13716	802434	3939309	.80785	.3982	1.037	1.036	1.086	8.8	0.137	0.149
13759	22290	157553	.01219	.0785	1.097	1.096	1.149	14.9	0.134	0.154
14101	13207	90074	.20354	.0697	1.120	1.119	1.173	18.2	0.055	0.065
14279	157363	758577	1.22375	.1503	1.194	1.193	1.250	24.7	0.081	0.101
14913	62627	476951	.85696	.1181	1.150	1.149	1.204	20.2	0.109	0.131
15538	10834	106557	.42102	.0719	1.134	1.133	1.188	19.0	0.021	0.025
15600	6755	47689	2.36657	.0641	1.265	1.264	1.325	31.2	0.109	0.143 U
15608	2725	22466	.00000	.0607	1.117	1.116	1.170	14.3	0.014	0.016
15839	33014	200505	.18726	.0841	1.105	1.104	1.157	15.2	0.033	0.038
15991	47748	265009	1.24642	.0922	1.194	1.193	1.250	24.7	0.077	0.096
15993	8588	47284	.31343	.0640	1.133	1.132	1.186	18.8	0.048	0.057
16403	92970	504235	1.68923	.1213	1.250	1.249	1.309	31.0	0.174	0.228
16676	1409	6633	.00000	.0586	1.119	1.118	1.172	17.6	0.017	0.020

X-TILDE: .980 X-TILDE (MONOLINE): 1.001 PI-TILDE: .0024820
 TAU SQUARED: .06408 SIGMA SQUARED: 446118.19735

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LOSS COST % CHANGE BY CLASS

SUBLINE: LOCAL PRODUCTS/COMPLETED OPERATIONS

CLASS GROUP: 02

NUMBER OF YEARS OF DATA USED: 5

CHANGE FACTOR = INDEX * CG REL * SWRL USED = INDEX * .986 * 1.063

CLASS	AYE 2019 MONO/MULTI ALCCL (1)	5 YEAR MONO/MULTI ALCCL (2)	5 YEAR MONO/MULTI EXPERIENCE RATIO (3)	CRED. (4)	FORMULA ER (5)	INDEX (6)	CHANGE FACTOR (7)	STATE- WIDE % CHANGE (8)	PRESENT STATEWIDE OCCUR (9)	PROPOSED STATEWIDE OCCUR (10)
18078	79049	585047	.33780	.1307	1.078	1.077	1.129	13.0	0.161	0.182
18109	718	3237	.65647	.0581	1.158	1.157	1.213	21.6	0.037	0.045
18110	71924	365979	1.08687	.1048	1.178	1.177	1.234	22.7	0.044	0.054
18206	531992	3007355	1.14489	.3420	1.174	1.173	1.229	23.1	0.134	0.165
18335	11011	51208	.00000	.0646	1.112	1.111	1.164	15.8	0.019	0.022
18506	38	273	.00000	.0577	1.121	1.120	1.174	12.5	0.008	0.009
18507	1445	9300	.45151	.0589	1.146	1.145	1.200	20.0	0.010	0.012
18708	18484	65315	8.90380	.0665	1.702	1.700	1.782	29.6	0.027	0.035 U
18834	7379	39493	.00000	.0630	1.114	1.113	1.167	17.1	0.123	0.144
18911	6134	41302	.28425	.0632	1.132	1.131	1.185	17.4	0.023	0.027
18912	1700	6706	1.11930	.0586	1.185	1.184	1.241	24.4	0.041	0.051
18920	504	4303	.41831	.0583	1.144	1.143	1.198	18.2	0.022	0.026
45819	636818	3459146	.78007	.3705	1.038	1.037	1.087	8.2	0.073	0.079
49618	584	2686	2.00372	.0581	1.236	1.235	1.294	29.4	0.068	0.088
49619	205801	1170485	1.07721	.1933	1.168	1.167	1.223	22.0	0.123	0.150

X-TILDE: .980 X-TILDE (MONOLINE): 1.001 PI-TILDE: .0024820
 TAU SQUARED: .06408 SIGMA SQUARED: 446118.19735

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 U - CAPPED UP
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LOSS COST % CHANGE BY CLASS

SUBLINE: LOCAL PRODUCTS/COMPLETED OPERATIONS

CLASS GROUP: 11

NUMBER OF YEARS OF DATA USED: 5

CHANGE FACTOR = INDEX * CG REL * SWRL USED = INDEX * 1.026 * 1.063

CLASS	AYE 2019 MONO/MULTI ALCCL (1)	5 YEAR MONO/MULTI ALCCL (2)	5 YEAR MONO/MULTI EXPERIENCE RATIO (3)	CRED. (4)	FORMULA ER (5)	INDEX (6)	CHANGE FACTOR (7)	STATE- WIDE % CHANGE (8)	PRESENT STATEWIDE OCCUR (9)	PROPOSED STATEWIDE OCCUR (10)
92053	0	0	.00000	.0000	.904	1.000	1.091	9.1	0.660	0.720
92054	0	3	.00000	.1250	.791	.827	.902	-9.6	0.260	0.235
92055	684	3196	.00000	.1255	.791	.827	.902	-10.1	0.199	0.179
95124	935009	5364814	1.40598	.5404	1.175	1.228	1.339	31.5	0.920	1.210 U
98303	103581	363703	.28997	.1755	.797	.833	.909	-9.0	5.750	5.230
98304	2326570	15065040	1.03869	.7527	1.005	1.050	1.145	14.5	2.690	3.080
98305	2949415	17548383	1.02530	.7788	.999	1.044	1.139	13.8	1.450	1.650
98306	7176	63016	.71626	.1342	.879	.918	1.001	0.0	0.820	0.820
98307	1924	9954	.18766	.1265	.814	.851	.928	-8.0	0.500	0.460
98308	611403	2955716	.96315	.4158	.929	.971	1.059	6.1	1.150	1.220
98309	30679	123092	1.97372	.1428	1.057	1.104	1.204	20.3	1.970	2.370
98344	53943	337662	.63857	.1721	.859	.898	.979	-1.5	0.650	0.640
98449	1857572	13169555	.86444	.7281	.875	.914	.997	-0.6	17.900	17.800
98805	233123	1238651	1.35678	.2760	1.029	1.075	1.172	16.9	1.180	1.380
98813	370530	2006280	.90271	.3460	.904	.945	1.031	2.9	1.710	1.760
98967	1641545	8339739	1.15457	.6361	1.064	1.112	1.213	21.0	8.510	10.300
99003	55263	252016	.50527	.1606	.840	.878	.958	-4.0	1.490	1.430
99826	40853	216804	1.22185	.1558	.954	.997	1.087	8.8	0.570	0.620
99827	77357	468640	.74652	.1890	.875	.914	.997	0.0	0.580	0.580
99948	2626357	14197320	.88344	.7420	.889	.929	1.013	1.4	20.900	21.200
99952	643419	2049750	.89950	.3496	.903	.944	1.030	2.8	18.100	18.600
99953	272646	1270589	.54588	.2793	.804	.840	.916	-8.0	11.300	10.400
99954	175724	859815	.27440	.2357	.756	.790	.862	-13.8	9.390	8.090
99955	817977	3922902	.71268	.4731	.814	.851	.928	-7.2	7.270	6.750

X-TILDE: .982 X-TILDE (MONOLINE): .957 PI-TILDE: .0073150
TAU SQUARED: .03000 SIGMA SQUARED: 178105.44593

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LOSS COST % CHANGE BY CLASS

SUBLINE: LOCAL PRODUCTS/COMPLETED OPERATIONS

CLASS GROUP: 12

NUMBER OF YEARS OF DATA USED: 5

CHANGE FACTOR = INDEX * CG REL * SWRL USED = INDEX * 1.009 * 1.063

CLASS	AYE 2019 MONO/MULTI ALCCL (1)	5 YEAR MONO/MULTI ALCCL (2)	5 YEAR MONO/MULTI EXPERIENCE RATIO (3)	CRED. (4)	FORMULA ER (5)	INDEX (6)	CHANGE FACTOR (7)	STATE- WIDE % CHANGE (8)	PRESENT STATEWIDE OCCUR (9)	PROPOSED STATEWIDE OCCUR (10)
91111	1696944	12167763	.82641	.4003	.888	.962	1.032	3.1	4.810	4.960
91150	959595	6405288	.84259	.2741	.905	.980	1.051	5.2	4.420	4.650
91155	4542258	25253350	.96576	.5700	.950	1.029	1.104	10.3	27.100	29.900
91340	19264074	118173738	.84838	.8571	.860	.932	1.000	0.0	6.540	6.540
91341	8389889	56686319	.96407	.7440	.955	1.035	1.110	11.0	3.280	3.640
91342	11240785	56072729	.91916	.7419	.922	.999	1.071	7.0	3.290	3.520
91343	345510	2241836	.67400	.1440	.892	.966	1.036	3.8	1.320	1.370
91436	218633	1463825	.65044	.1144	.897	.972	1.043	4.5	2.020	2.110
91507	27843	200444	.03062	.0616	.874	.947	1.016	1.5	2.680	2.720
91551	834013	4783689	.81380	.2285	.903	.978	1.049	4.9	0.610	0.640
91555	130826	924711	.59929	.0926	.899	.974	1.045	4.2	0.950	0.990
91560	10592985	65434580	.89549	.7699	.903	.978	1.049	4.9	3.260	3.420
91577	1773341	10081409	1.08284	.3600	.985	1.067	1.144	14.4	2.630	3.010
91746	4323369	16902421	1.03609	.4752	.980	1.062	1.139	13.9	6.770	7.710
92101	483440	2703568	.86154	.1607	.918	.995	1.067	6.7	2.680	2.860
92102	452133	3142958	1.35832	.1760	1.005	1.089	1.168	16.7	2.690	3.140
92215	7000085	47978018	.94882	.7117	.943	1.022	1.096	9.7	2.270	2.490
92338	3320390	24917952	.98583	.5668	.961	1.041	1.117	11.5	1.310	1.460
92446	485278	1774578	.26432	.1265	.845	.915	.981	-1.8	1.650	1.620
92447	31102	246335	.56732	.0636	.906	.982	1.053	5.0	1.410	1.480
92451	2446250	15676288	.94417	.4577	.936	1.014	1.088	8.9	1.800	1.960
92478	14037411	86546479	.87755	.8151	.887	.961	1.031	3.4	1.480	1.530
94007	8712987	47943092	.94309	.7115	.939	1.017	1.091	9.1	4.070	4.440
94276	1596479	9466861	.72518	.3471	.858	.930	.997	-0.3	3.990	3.980
94569	2706431	16298928	1.01404	.4667	.969	1.050	1.126	12.6	3.420	3.850
95410	5396249	34870687	.84872	.6440	.877	.950	1.019	1.8	2.220	2.260
95455	505405	3049183	2.24236	.1728	1.156	1.252	1.343	31.7	1.450	1.910 U
95505	81096	553749	1.42882	.0770	.968	1.049	1.125	12.3	1.870	2.100
95625	1686285	9185172	1.24147	.3410	1.036	1.122	1.203	20.3	3.200	3.850
95647	50111780	163251023	.91398	.8921	.916	.992	1.064	6.0	10.000	10.600
96053	538135	2771838	.72645	.1631	.896	.971	1.041	4.2	3.610	3.760
96410	1437202	8357797	.96650	.3224	.941	1.020	1.094	9.4	7.360	8.050
96611	330065	1656120	.21839	.1219	.843	.913	.979	-2.3	1.330	1.300
97447	8090799	41520559	1.03613	.6819	1.002	1.086	1.165	16.6	4.820	5.620
97650	371095	2150339	.81629	.1407	.913	.989	1.061	6.0	2.990	3.170
97651	346034	1693930	1.31869	.1234	.977	1.059	1.136	13.7	3.720	4.230
97652	53924	297996	6.65931	.0659	1.307	1.416	1.519	31.9	3.600	4.750 U

X-TILDE: .908 X-TILDE (MONOLINE): .923 PI-TILDE: .0033020
 TAU SQUARED: .03000 SIGMA SQUARED: 629739.98264

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LOSS COST % CHANGE BY CLASS

SUBLINE: LOCAL PRODUCTS/COMPLETED OPERATIONS

CLASS GROUP: 12

NUMBER OF YEARS OF DATA USED: 5

CHANGE FACTOR = INDEX * CG REL * SWRL USED = INDEX * 1.009 * 1.063

CLASS	AYE 2019 MONO/MULTI ALCCL (1)	5 YEAR MONO/MULTI ALCCL (2)	5 YEAR MONO/MULTI EXPERIENCE RATIO (3)	CRED. (4)	FORMULA ER (5)	INDEX (6)	CHANGE FACTOR (7)	STATE- WIDE % CHANGE (8)	PRESENT STATEWIDE OCCUR (9)	PROPOSED STATEWIDE OCCUR (10)
97653	904002	4113929	.79201	.2079	.901	.976	1.047	4.8	2.930	3.070
97654	69464	441113	.25524	.0721	.881	.954	1.023	2.3	2.600	2.660
97655	1143688	7867958	.53192	.3109	.806	.873	.936	-6.3	3.510	3.290
98002	33153	245724	.00000	.0636	.870	.943	1.011	1.2	0.840	0.850
98482	19777221	116336482	.99882	.8552	.989	1.072	1.150	15.0	5.880	6.760
98483	22084661	159239361	.89091	.8897	.895	.970	1.040	3.8	13.100	13.600
98502	369783	2061015	1.05399	.1373	.946	1.025	1.099	10.0	3.290	3.620
98636	1706400	10572118	.81355	.3700	.886	.960	1.030	3.0	2.700	2.780
98677	4536334	22744209	.90626	.5453	.917	.993	1.065	6.9	10.100	10.800
98678	2459106	14320999	.85947	.4368	.899	.974	1.045	4.5	11.200	11.700
98806	595687	3867294	.76805	.2000	.897	.972	1.043	4.4	2.980	3.110
98820	2749951	17477836	.90958	.4831	.920	.997	1.069	6.9	2.760	2.950
98884	1975718	12276982	1.06722	.4022	.985	1.067	1.144	14.5	1.590	1.820
99004	36394	191744	.09161	.0612	.878	.951	1.020	1.9	1.600	1.630
99080	1345069	6564691	.55415	.2783	.825	.894	.959	-4.0	7.190	6.900
99315	1162158	6651186	1.12482	.2806	.984	1.066	1.143	14.4	1.810	2.070
99321	1758628	11071982	.81948	.3798	.888	.962	1.032	3.0	1.980	2.040
99613	1150862	7243120	.87131	.2957	.912	.988	1.060	5.9	1.860	1.970
99650	467758	3186615	.97049	.1775	.937	1.015	1.089	9.0	0.890	0.970
99746	3426046	19686219	.94660	.5111	.938	1.016	1.090	9.0	2.890	3.150

X-TILDE: .908 X-TILDE (MONOLINE): .923 PI-TILDE: .0033020
 TAU SQUARED: .03000 SIGMA SQUARED: 629739.98264

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LOSS COST % CHANGE BY CLASS

SUBLINE: LOCAL PRODUCTS/COMPLETED OPERATIONS

CLASS GROUP: 13

NUMBER OF YEARS OF DATA USED: 5

CHANGE FACTOR = INDEX * CG REL * SWRL USED = INDEX * .940 * 1.063

CLASS	AYE 2019 MONO/MULTI ALCCL (1)	5 YEAR MONO/MULTI ALCCL (2)	5 YEAR MONO/MULTI EXPERIENCE RATIO (3)	CRED. (4)	FORMULA ER (5)	INDEX (6)	CHANGE FACTOR (7)	STATE- WIDE % CHANGE (8)	PRESENT STATEWIDE OCCUR (9)	PROPOSED STATEWIDE OCCUR (10)
91125	48625	162512	.05379	.1518	.683	.873	.872	-12.9	1.700	1.480
91127	711136	4239268	.63172	.5829	.700	.895	.894	-10.2	1.080	0.970
91235	371440	2299352	.51093	.4499	.667	.853	.852	-14.9	3.090	2.630
91265	22024	111011	.36466	.1406	.735	.940	.939	-6.1	2.130	2.000
91266	182420	1054296	1.10339	.3083	.890	1.138	1.137	13.5	0.890	1.010
91280	5017	61123	3.28487	.1295	1.118	1.430	1.429	31.7	2.490	3.280 U
94381	1313460	7209203	1.04766	.6956	.971	1.242	1.241	23.6	8.980	11.100
94404	98370	436075	1.59215	.2069	.960	1.228	1.227	22.7	3.750	4.600
95310	351989	1674290	1.22455	.3869	.961	1.229	1.228	23.0	1.000	1.230
96408	1408523	7440848	.77884	.7019	.784	1.003	1.002	0.0	11.200	11.200
96409	1409262	10647992	.90022	.7682	.876	1.120	1.119	11.9	7.120	7.970
97221	795126	5395438	.73833	.6355	.759	.971	.970	-3.4	1.180	1.140
97222	3265623	19701705	.73997	.8576	.748	.957	.956	-4.1	1.700	1.630
97223	4944249	20199276	.65459	.8605	.674	.862	.861	-13.9	4.980	4.290
98152	516727	3010243	1.16138	.5075	.981	1.254	1.253	24.6	0.690	0.860
98157	45066	303089	.00000	.1810	.651	.832	.831	-15.6	0.320	0.270
98163	2735	7244	.00000	.1171	.702	.898	.897	-10.4	0.192	0.172
98164	22512	82716	.00000	.1343	.689	.881	.880	-11.4	0.079	0.070
98659	16	589	.00000	.1155	.704	.900	.899	-10.6	0.470	0.420
98914	222	2907	.00000	.1161	.703	.899	.898	-9.8	0.610	0.550
98949	4146	25026	.00000	.1212	.699	.894	.893	-10.3	0.290	0.260
98993	1411264	7741742	.53944	.7097	.614	.785	.784	-19.8	4.340	3.480 L
99163	2820	13659	.00000	.1186	.701	.896	.895	-9.8	0.410	0.370
99803	20394	79898	1.06397	.1337	.831	1.063	1.062	6.2	9.420	10.000
99946	2839933	15221307	.83094	.8240	.825	1.055	1.054	5.5	2.740	2.890
99969	1090042	4425261	1.23288	.5924	1.055	1.349	1.348	32.0	3.160	4.170 U

X-TILDE: .792 X-TILDE (MONOLINE): .782 PI-TILDE: .0068836
TAU SQUARED: .03000 SIGMA SQUARED: 113438.02212

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SECTION H
CONSIDERATION OF COVID-19
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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. The historical statistical data included in this filing is from a period where COVID-19 was not known to be present in the United States.

In anticipation of long-term behavioral, social and economic changes as a result of COVID-19, it is expected, based on the information currently available, that those changes will have a material impact on prospective loss costs for certain risks. To reflect these changes, judgmentally selected adjustment factors have been applied to the loss costs of several classes.

LOSS COST ADJUSTMENTS GENERAL LIABILITY

For General Liability, all manually rated classes were reviewed to determine how future economic conditions and changes in behavior could potentially impact the loss experience. The bulk of General Liability classes have economically sensitive exposure bases, including exposure bases gross sales and payroll. These economically sensitive exposure bases will generally adjust to new economic conditions and classes with these bases are not expected to have significant changes in loss potential per exposure. However, there are classes that use exposure bases that are not economically sensitive and would not necessarily be responsive to sudden changes. Classes with exposure bases that are not economically sensitive were reviewed for a potential loss cost adjustment.

The individual classes that use square feet as an exposure base were further examined to determine which may be impacted by long-term behavioral, social and economic changes. The new, large scale work from home policies put in place due to social distancing guidelines has the potential to become a long-lasting change in behavior. Companies may utilize their physical spaces differently than in the past. There will likely be more work from home options and more emphasis on digital solutions to replace physical, in-person meetings. Additionally, it will take time for companies to decrease their physical office footprint to reflect this new environment. With fewer workers, vendors, clients, and other outside visitors present in commercial buildings, there is an expected decrease in occurrences relative to the fixed exposure base of thousands of square feet for certain classes.

LOSS COST
ADJUSTMENTS
GENERAL LIABILITY
(Cont'd)

Nine classifications are being adjusted for this expected decrease in occurrence frequency. The classifications are OL&T classifications within Premises/Operations Class Group 12 – Building and Offices. These classes are for risks that are primarily an office environment and are expected to be impacted by changes in the office work environment. The varying adjustments, -5% or -10%, reflects the expected decrease in foot traffic for the individual classes listed. The adjustment is a decrease to the revised Premises/Operations loss costs after application of all loss cost changes including any relativity changes and reflecting any capping and build back factors.

In Section A, the impact of adjusting these classes will be reflected in the filed loss costs and in the class group, subtitle, and overall loss cost level changes.

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

MARYLAND GL-2021-BGL1
BASIC LIMIT LOSS COST LEVEL
GENERAL LIABILITY OTHER THAN PROFESSIONAL
PREMISES/OPERATIONS & PRODUCTS/COMPLETED OPERATIONS
ACTUARIAL ANALYSIS SUPPLEMENT

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

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

<u>SUBLINE</u>	<u>INDICATED</u>	<u>SELECTED</u>	<u>ADJUSTED</u>
M&C	- 8.0%	- 5.0%	- 5.0%
OL&T	- 1.2%	- 1.2%	- 1.9%
Premises/Operations	- 4.3%	- 3.0%	- 3.3%
Products	- 5.1%	- 5.1%	- 5.1%
Local Products/Completed Operations	+ 6.5%	+ 6.5%	+ 6.5%
Products/Completed Operations	+ 4.6%	+ 4.6%	+ 4.6%
GL Overall	- 2.7%	- 1.6%	- 1.9%

INDICATED VS. SELECTED VS. ADJUSTED Indicated changes are based on standard ISO methodology. The selected changes are equal to the indicated changes for all sublines except for M&C where a selection of -5.0% was selected to temper the effect of the latest year. The adjusted loss cost level changes reflect the COVID-19 related adjustments for OL&T.

HISTORICAL SOURCE DATA The sources of the data underlying this loss cost review are:

ISO reporting companies' voluntary experience.

Calendar - accident year data through year ended 12/31/2019 for Premises/Operations.

Calendar - accident year data through year ended 12/31/2019 for Products/Completed Operations.

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

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

CALL TO CALL COMPARISON

Manufacturers and Contractors

The Aggregate Loss Costs at Current Level (ALCCL) increased by an average of 1.7%, when the four years common to both this year's and last year's reviews are compared. This is primarily accounted for by the following changes since the prior review:

- A change in company mix which caused a 7.7% increase in ALCCL;
- Implemented loss cost level change (-3.6%);
- A change in exposure trend plus an additional year of trending (-2.0%);
- The effect on ALCCL due to a change in average IPMFs (0.1%).

The Basic Limit Experience Ratio (BLER) increased in 2015 (+17.5%) and 2017 (+14.2%). This is mainly due to unfavorable experience across several class groups.

Owners, Landlords and Tenants

The Aggregate Loss Costs at Current Level (ALCCL) increased by an average of 9.4%, 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 4.0% increase in ALCCL;
- Implemented loss cost level change (+5.0%);
- A change in exposure trend plus an additional year of trending (0.5%);
- The effect on ALCCL due to a change in average IPMFs (0.0%).

The BLERs remained stable across all years from 2015 to 2018.

Products

Multistate ALCCL increased by an average of 9.5% over the four common years in the latest call. This can be accounted for by the following changes since the prior review:

- A change in company mix which caused a 10.8% increase in ALCCL;
- Implemented an average loss cost level change of approximately -0.1% in most states;
- A change in exposure trend plus an additional year of trending of -0.9%;
- The effect on ALCCL due to a change in average IPMFs (+1.1%).

The BLERs changed due to the various effects listed above.

CALL TO CALL
COMPARISON
(Cont'd)

Local Products/
Completed Ops

Multistate ALCCL increased by an average of 16.3% over the four common years in the latest call. This can be accounted for by the following changes since the prior review:

- A change in the companies mix which caused a 10.5% increase in ALCCL;
- Implemented an average loss cost level change of approximately +9.2% in most states;
- A change in exposure trend plus an additional year of trending of -2.0%;
- The effect on ALCCL due to a change in average IPMFs (+0.8%).

The BLERs changed due to the various effects listed above.

LATEST CALL
YEAR TO YEAR
COMPARISON

Manufacturers and
Contractors

The ALCCL increased from 2015 to 2019.

The high BLERs for 2015 (1.224) and 2016 (1.174) are attributable to unfavorable experience in several class groups. The low BLER for 2019 (0.802) is attributable to favorable experience in several class groups.

Owners, Landlords
and Tenants

The ALCCL increased from 2015 to 2017 and then decreased thereafter.

The high BLER for 2016 (1.127) is attributable to unfavorable experience in several class groups. The low BLER for 2019 (0.896) is attributable to favorable experience in several class groups.

Products

The ALCCL increased from 2015 to 2017, decreased in 2018 and then increased thereafter.

The BLER increased from 2015 to 2016 and then decreased thereafter.

Local Products/
Completed Ops

The ALCCL increased steadily from 2015 to 2019.

The BLER increased from 2015 to 2016, decreased in 2017 and then increased thereafter.

LOSS
DEVELOPMENT
FACTOR
COMPARISON

Manufacturers and
Contractors

The BI indemnity loss development factors for the 2021 review decreased slightly compared to those in the 2020 review. The PD indemnity loss development factors for the 2021 review remained stable compared to those in the 2020 review.

The multistate full coverage BI and PD indemnity loss development factors for the 2021 review remained stable compared to those in the 2020 review.

The multistate deductible coverage BI and PD indemnity loss development factors for the 2021 review remained stable compared to the 2020 review.

The multistate Fringe indemnity loss development factors for the 2021 review have increased compared to the 2020 review.

Owners, Landlords
and Tenants

The BI and PD indemnity loss development factors for the 2021 review remained stable compared to those in the 2020 review.

The multistate full coverage BI indemnity loss development factors for the 2021 review have increased compared to those in the 2020 review. The multistate full coverage PD indemnity loss development factors for the 2021 review remained stable compared to those in the 2020 review.

The multistate deductible coverage BI and PD indemnity loss development factors for the 2021 review have increased compared to those in the 2020 review.

The multistate Fringe indemnity loss development factors for the 2021 review remained stable compared to the 2020 review.

Products

The multistate full coverage BI and PD indemnity loss development factors for the 2021 review have decreased compared to those in the 2020 review.

The multistate deductible coverage BI indemnity loss development factors for the 2021 review remained stable compared to the 2020 review. The multistate deductible coverage PD indemnity loss development factors for the 2021 review remained stable compared to those in the 2020 review, with an increase in the 15 months-to-ultimate factor.

LOSS
DEVELOPMENT
FACTOR
COMPARISON
(Cont'd)

Local Products/
Completed Ops

For Local Products, the multistate full coverage BI and PD indemnity loss development factors for the 2021 review remained stable compared to those in the 2020 review. The multistate deductible coverage BI indemnity loss development factors for the 2021 review remained stable compared to the 2020 review. The multistate deductible coverage PD indemnity loss development factors for the 2021 review have decreased compared to the 2020 review.

For Completed Operations, the full coverage BI indemnity loss development factors for the 2021 review remained stable compared to those in the 2020 review, except for the 15, 27, and 39 months-to-ultimate factors which decreased by 32.9%, 22.5%, and 11.4%, respectively. This can largely be attributed to a lower 15-to-27, 27-to-39, and 39-to-51 state link ratios. The full coverage PD indemnity loss development factors for the 2021 review remained stable compared to those in the 2020 review.

The Completed Operations multistate full coverage BI indemnity loss development factors for the 2021 review have decreased compared to those in the 2020 review. The multistate full coverage PD indemnity loss development factors for the 2021 review remained stable compared to those in the 2020 review. The multistate deductible coverage BI indemnity loss development factors for the 2021 review have decreased compared to those in the 2020 review. The multistate deductible coverage PD indemnity loss development factors for the 2021 review have increased compared to those in the 2020 review.

One might expect PD loss development to be higher due to the Montrose decision in California. In response to the Montrose decision, ISO has introduced revised wording into the CGL policy to better define the concept of known loss. This revision represents neither a broadening nor a restriction in coverage from the original intent, however, it may result in the shifting of coverage, under certain circumstances, between an insured's current policy and past or future policies.

ALAE Development

To develop ALAE losses for all sublines and loss types (BI, PD and Fringe), we are using an incremental method that is based on a percentage of the total limit indemnity losses developed to ultimate. Since this is a procedure that produces incremental factors instead of multiplicative factors, there is no appropriate factor comparison available to last year's review.

One of the primary purposes of this procedure is to produce accurate and stable developed ALAE, especially for immature accident years.

SEVERITY TREND COMPARISON	Manufacturers and Contractors	The BI severity trend selection is +4.5%, unchanged from +4.5% in the previous Calendar review.
		The PD severity trend selection is +4.5%, unchanged from +4.5% in the previous Calendar review.
		The Fringe severity trend selection is 0.0%, unchanged from 0.0% in the previous Calendar review.
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	Owners, Landlords and Tenants	The BI severity trend selection is +4.5%, up from +4.0% in the previous Calendar review.
		The PD severity trend selection is +5.5%, up from +5.0% in the previous Calendar review.
		The Fringe severity selection is 0.0%, down from +1.0% in the previous Calendar review.
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	Products	The BI severity trend selection is +3.0%, unchanged from +3.0% in the previous review.
		The PD severity trend selection is +5.5%, down from +6.0% in the previous review.
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	Local Products/ Completed Ops	The BI severity trend selection is +5.0%, up from +4.0% in the previous review.
		The PD selected severity trend is +4.5%, unchanged from +4.5% in the previous review.
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FREQUENCY
TREND
COMPARISON

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

Manufacturers and
Contractors

The latest frequency point is lower than the prior point.

Owners, Landlords
and Tenants

The latest frequency point is lower than the prior point.

Products

The latest frequency point is lower than the prior point.

Local Products/
Completed Ops

The latest frequency point is higher than the prior point.

EXPOSURE
TREND
COMPARISON

Manufacturers and
Contractors

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

Owners, Landlords
and Tenants

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

Products

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

Local Products/
Completed Ops

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

WEIGHTED AVERAGE IMPLICIT PACKAGE MODIFICATION FACTOR (IPMF) COMPARISON	Manufacturers and Contractors	The current weighted average IPMF is 0.896. In the 2020 review the weighted average IPMF was 0.896.
	Owners, Landlords and Tenants	The current weighted average IPMF is 0.958. In the 2020 review the weighted average IPMF was 0.956.
	Products	The current multistate weighted average IPMF is 0.865. In the 2020 review the multistate weighted average IPMF was 0.859.
	Local Products/ Completed Ops	The current multistate weighted average IPMF is 0.998. In the Group 1, 2020 review the multistate weighted average IPMF was 0.984.
The IPMF's are applied to the multiline ALCCL.		
CLASS GROUP/ TERRITORY/ STATE RELATIVE CHANGE	The class group relative changes for Manufacturers and Contractors vary within reasonable limits.	
	The class group and territory relative changes for Owners, Landlords and Tenants vary within reasonable limits.	
	For Local Products, Maryland's state balanced relative change (0.972) ranks 17th lowest overall. In last year's review, Maryland's state balanced relative change (1.010) ranked 20th highest overall.	
CHANGE IN COMPANY MIX SINCE LAST CALL	For Manufacturers and Contractors the change in company mix results in an average increase of 7.7% in the total statewide ALCCL.	
	For Owners, Landlords and Tenants, the change in company mix results in an average increase of 4.0% in the total statewide ALCCL.	
	For Products, the change in company mix results in a 10.8% increase in the total multistate ALCCL.	
	For Local Products/Completed Operations, the change in company mix results in a 10.5% increase in the total multistate ALCCL.	

\$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	.105	.189	10205	.221	—	11210	2.48	—	13207	(a)	(a)
10015	4.01	—	10220	4.17	—	11211	12.90	—	13208	(a)	(a)
10020	(a)	(a)	10255	.146	.151	11212	1.95	—	13314	.106	.014
10026	.57	.029	10256	.53	.183	11213	1.59	—	13351	.26	.075
10036	.39	(a)	10257	.101	.148	11214	3.92	—	13352	.26	.05
10040	.08	.32	10309	.143	.025	11222	.066	—	13410	.84	2.35
10042	.33	.48	10315	.34	(a)	11234	.249	.091	13411	(a)	(a)
10052	2.77	—	10331	5.43	—	11248	.028	.016	13412	.28	1.21
10054	2.46	—	10332	9.37	—	11258	.83	.159	13453	.33	(a)
10060	.157	.056	10352	.40	.063	11259	.90	.094	13454	.38	(a)
10065	.235	.039	10367	3.32	—	11273	12.30	—	13455	.39	(a)
10066	.24	.069	10368	4.86	—	11274	11.80	—	13461	(a)	(a)
10070	.06	.151	10375	(a)	—	11288	1.02	.071	13506	.81	.106
10071	.28	.17	10378	5.50	—	12014	.06	.051	13507	.98	.212
10072	3.76	—	10379	2.55	—	12356	1.05	.048	13590	.29	.67
10073	.61	.65	10380	4.36	—	12361	.08	.07	13621	.073	.33
10075	4.54	.223	10381	3.77	—	12362	.066	(a)	13670	.045	.017
10100	.69	.069	11007	1.41	—	12373	.025	.023	13673	.63	.015
10101	.212	.177	11020	.27	.226	12374	.54	.085	13715	.066	.145
10105	2.29	—	11039	.53	.082	12375	.27	.038	13716	.40	.149
10107	1.87	.26	11052	4.01	—	12391	.05	.07	13720	.36	.062
10110	13.60	—	11101	(a)	(a)	12393	.35	(a)	13759	.157	.154
10111	.132	.067	11120	(a)	—	12467	.147	(a)	13930	.141	.174
10113	.32	—	11126	.055	.024	12509	.036	.031	14068	.035	.012
10115	.63	.118	11127	.34	.013	12510	.46	.036	14101	.41	.065
10117	3.98	—	11128	.45	.112	12583	.206	(a)	14279	.28	.101
10119	(a)	—	11138	1.36	—	12651	.60	.51	14401	.84	.089
10120	8.92	—	11155	.189	—	12683	.27	(a)	14405	.83	—
10130	3.13	—	11160	(a)	(a)	12707	.43	.56	14527	.27	.179
10132	2.70	—	11167	.92	—	12797	.091	.194	14655	.078	—
10133	3.85	—	11168	4.79	—	12805	.29	.198	14731	3.98	—
10135	(a)	—	11201	12.40	—	12841	.47	—	14732	.29	—
10140	.037	.022	11202	3.66	—	12927	.083	—	14733	.55	—
10141	.073	.023	11203	.78	.46	13049	.042	.051	14734	.235	—
10145	.35	.009	11204	.28	2.13	13111	.77	.092	14855	.128	.133
10146	.31	.018	11205	(a)	—	13112	.068	.063	14913	.29	.131
10150	.44	(a)	11206	.57	—	13201	.53	.144	15060	(a)	(a)
10151	11.00	—	11207	7.25	—	13204	.60	1.14	15061	(a)	(a)
10160	1.96	—	11208	1.24	—	13205	.23	.42	15062	.115	(a)
10204	.198	—	11209	5.83	—	13206	(a)	(a)	15063	.134	(a)

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
15070	.111	—	16750	.092	.034	18707	.01	.005	40117	(a)	—
15119	(a)	—	16751	.092	—	18708	.101	.035	40140	(a)	—
15120	(a)	—	16819	.70	(a)	18833	.118	(a)	41001	.149	—
15123	3.85	—	16820	.54	(a)	18834	.26	.144	41210	(a)	—
15124	1.35	—	16881	1.44	(a)	18911	.83	.027	41421	.26	—
15188	.203	(a)	16890	.082	(a)	18912	1.56	.051	41422	.14	—
15223	.053	.044	16891	.089	(a)	18920	.41	.026	41510	41.70	—
15224	.38	.068	16892	.162	(a)	18991	(a)	—	41603	12.40	—
15300	(a)	—	16900	2.16	.108	19007	1.50	—	41604	6.80	—
15314	.189	(a)	16901	1.38	.139	19051	3.33	—	41620	1.04	—
15404	.052	(a)	16902	1.17	.058	19061	(a)	—	41650	17.40	—
15405	.077	(a)	16905	2.27	.108	19795	.27	(a)	41664	18.90	—
15406	.197	.053	16906	1.45	.139	19796	.32	—	41665	2.21	—
15488	.49	(a)	16910	1.30	.058	40005	(a)	—	41666	(a)	—
15538	.34	.025	16911	1.17	.07	40006	(a)	—	41667	51.70	—
15600	.85	.143	16915	1.33	.043	40010	(a)	—	41668	48.40	—
15607	.146	—	16916	1.11	.079	40015	(a)	—	41669	.34	—
15608	.189	.016	16920	2.94	.129	40020	(a)	—	41670	.57	—
15656	5.58	—	16921	2.69	.046	40026	(a)	—	41672	(a)	—
15699	.36	—	16930	1.69	.168	40031	(a)	—	41673	(a)	—
15733	.128	.034	16931	1.83	.08	40032	(a)	—	41675	(a)	—
15839	.25	.038	16940	3.68	.047	40040	(a)	—	41677	.214	—
15991	.207	.096	16941	1.47	.078	40041	(a)	—	41678	39.20	—
15993	.175	.057	18078	.12	.182	40042	(a)	—	41679	(a)	(a)
16005	.035	.031	18109	.35	.045	40045	125.00	—	41680	9.07	—
16009	.157	.106	18110	.28	.054	40046	24.70	—	41696	.68	—
16402	1.25	—	18200	(a)	—	40047	8.80	—	41697	.47	—
16403	.79	.228	18205	.185	.38	40059	3.15	—	41700	(a)	—
16404	1.00	—	18206	.45	.165	40061	1.67	—	41715	5.76	—
16471	.206	—	18335	.32	.022	40063	55.90	—	41716	3.66	—
16501	.074	(a)	18435	.73	.07	40064	16.40	—	43007	(a)	—
16527	.114	.32	18436	.59	.125	40066	(a)	—	43117	(a)	—
16588	.073	(a)	18437	.46	(a)	40067	(a)	—	43151	12.30	—
16604	.122	.122	18438	.88	(a)	40069	(a)	—	43152	11.70	—
16670	2.25	—	18501	.67	.014	40072	(a)	—	43200	46.60	—
16676	.26	.02	18506	.26	.009	40075	24.60	—	43215	(a)	—
16694	.242	(a)	18507	.166	.012	40101	22.20	—	43421	12.80	—
16705	.211	.131	18570	1.73	—	40102	19.60	—	43422	67.10	—
16722	(a)	—	18575	(a)	(a)	40111	4.43	—	43424	(a)	—
16723	(a)	—	18616	.195	.59	40115	(a)	—	43470	3.94	—

\$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
43517	(a)	—	44277	40.60	—	46004	16.60	—	47471	2.27	—
43518	8.11	—	44280	.214	—	46005	13.30	—	47473	2.97	—
43550	45.60	—	44311	4.18	—	46112	.087	—	47474	3.31	—
43551	25.30	—	44315	2.81	—	46202	4.33	—	47475	2.62	—
43626	6.48	—	44427	80.20	—	46362	137.00	—	47476	2.62	—
43628	84.20	—	44428	80.60	—	46426	20.00	—	47477	3.49	—
43629	71.30	—	44429	1.21	—	46427	26.70	—	47478	3.66	—
43754	(a)	—	44430	.84	—	46510	(a)	—	47600	(a)	—
43760	2.38	—	44431	2.68	—	46590	(a)	—	47610	(a)	—
43822	3.14	—	44432	.85	—	46603	1.68	—	48039	33.10	—
43840	.039	—	44433	27.10	—	46604	1.94	—	48177	(a)	—
43860	2.47	—	44434	51.90	—	46606	5.16	—	48178	(a)	—
43889	.88	—	44435	53.70	—	46607	7.10	—	48206	17.10	—
43945	(a)	—	44436	62.70	—	46622	9.16	—	48252	(a)	—
43946	(a)	—	44437	52.00	—	46671	(a)	—	48441	.072	—
43990	(a)	(a)	44438	41.10	—	46700	93.80	—	48557	7.20	—
43991	(a)	—	44439	80.00	—	46773	(a)	—	48558	6.26	—
44009	4.69	—	44440	66.20	—	46822	(a)	—	48600	40.00	—
44010	(a)	(a)	44500	(a)	—	46881	(a)	—	48610	(a)	—
44069	6.92	—	44501	(a)	—	46882	(a)	—	48636	1.22	(a)
44070	2.05	—	45190	3.41	—	46911	12.80	—	48637	5.50	—
44071	2.28	—	45191	2.42	—	46912	23.50	—	48638	2.73	—
44072	1.58	—	45192	2.83	—	46913	(a)	—	48727	(a)	—
44100	2.61	—	45193	1.67	—	46914	(a)	—	48808	1.43	—
44101	2.71	—	45210	2.11	—	46915	(a)	—	48924	(a)	—
44102	2.12	—	45224	(a)	—	46916	(a)	—	48925	132.00	—
44103	1.87	—	45225	(a)	—	47050	.86	—	49005	.146	—
44104	.79	—	45334	26.90	—	47051	(a)	—	49111	2.18	—
44105	(a)	—	45380	.15	(a)	47052	(a)	—	49181	10.80	—
44106	(a)	—	45450	7.91	—	47103	(a)	—	49183	13.20	—
44108	.92	—	45523	(a)	—	47146	(a)	—	49184	27.80	—
44109	2.33	—	45524	(a)	—	47147	(a)	—	49185	25.30	—
44110	2.39	—	45539	(a)	—	47221	103.00	—	49239	.112	.46
44111	1.47	—	45678	.231	—	47253	(a)	—	49292	.79	—
44112	.87	—	45771	.229	.139	47254	(a)	—	49305	(a)	—
44113	(a)	—	45819	.074	.079	47318	5.27	—	49333	5.80	—
44193	(a)	—	45900	.097	.043	47367	.214	—	49451	(a)	—
44194	(a)	—	45901	.083	.045	47420	1.15	—	49452	(a)	—
44222	(a)	—	45937	.105	—	47468	(a)	—	49617	.32	.27
44276	62.60	—	45993	(a)	(a)	47469	2.62	—	49618	.27	.088

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
49619	.50	.15	51315	.073	.096	51809	.35	.146	52341	.035	(a)
49763	3.25	—	51330	.075	.66	51833	.081	.054	52342	.101	(a)
49800	(a)	—	51333	.024	.32	51850	.18	(a)	52343	.062	(a)
49801	90.60	—	51340	.035	(a)	51851	.122	(a)	52401	.191	(a)
49802	8.04	—	51350	.125	.127	51852	.29	(a)	52402	.019	(a)
49803	14.20	—	51351	.112	.049	51853	.115	(a)	52432	.095	(a)
49840	.88	—	51352	.154	.101	51854	.26	(a)	52433	.087	.80
49870	55.00	—	51355	.105	.091	51855	.27	(a)	52435	.109	(a)
49890	(a)	—	51356	.113	.56	51856	.149	(a)	52438	.079	(a)
49891	(a)	—	51357	.103	.76	51857	.26	(a)	52440	.124	(a)
49902	(a)	—	51358	.249	.129	51869	.094	.136	52467	.114	(a)
49903	(a)	—	51359	.219	.71	51877	.53	.191	52469	.04	.096
50010	.205	.38	51370	.41	3.83	51889	.087	.011	52505	.199	.237
50015	.133	(a)	51380	.041	.041	51896	.041	.017	52547	.165	.07
50017	.102	(a)	51400	.175	(a)	51900	.061	.10	52581	.97	2.19
50045	.232	(a)	51401	.26	(a)	51909	.163	.053	52619	.068	(a)
50047	.026	(a)	51500	.078	.116	51919	.088	(a)	52660	.076	—
51001	.042	.42	51516	.064	—	51926	.09	.044	52744	.31	.066
51005	.009	(a)	51517	.073	—	51927	.049	.132	52767	.151	(a)
51116	.106	.69	51550	.096	.40	51934	.098	.107	52876	(a)	(a)
51201	.035	(a)	51551	.033	.89	51941	.089	.041	52911	.054	.42
51205	.107	.059	51552	.058	.152	51942	.143	—	52967	.02	.058
51206	.017	.32	51553	.103	(a)	51956	.39	.205	53001	.199	.30
51210	.073	(a)	51554	.01	(a)	51957	.34	.46	53077	.096	.219
51211	(a)	(a)	51575	.034	.021	51958	.30	.37	53095	.066	(a)
51220	.25	1.90	51576	.185	.097	51959	.31	(a)	53096	.091	(a)
51221	.14	1.76	51600	.126	.172	51960	.041	.33	53121	.26	.40
51222	.17	4.53	51613	.083	.139	51970	.177	.177	53147	.026	(a)
51224	.178	1.49	51625	.038	(a)	51982	.052	.077	53229	.143	(a)
51230	.03	.74	51666	.053	.089	51985	.06	—	53271	.049	(a)
51240	.42	.196	51702	.115	(a)	51986	.205	.096	53333	.141	.248
51241	1.25	.218	51703	.048	(a)	51999	.086	.40	53374	.082	.26
51250	.193	(a)	51734	.09	.35	52002	.076	.114	53375	.043	.27
51251	.036	(a)	51741	.219	.243	52075	.142	.222	53376	.07	.183
51252	.127	.074	51752	.185	.15	52076	.171	(a)	53377	.071	.188
51253	.109	(a)	51767	.016	.007	52109	.019	(a)	53403	.045	(a)
51254	.034	.032	51777	.054	.077	52134	.25	.60	53425	.133	(a)
51255	.49	(a)	51790	.09	(a)	52137	.056	(a)	53565	.052	.096
51300	.074	.147	51796	.08	(a)	52150	.47	(a)	53631	.03	.021
51305	.074	.88	51808	.28	.68	52315	.07	.27	53632	.035	.032

\$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
53731	.032	(a)	56170	.13	(a)	57401	.063	.089	58503	.076	.077
53732	.217	.47	56171	.064	(a)	57403	.11	.033	58532	.098	(a)
53733	.141	.228	56202	.073	.078	57410	.031	.173	58559	.02	(a)
53734	.39	—	56390	.127	.70	57411	.033	(a)	58560	.048	(a)
53803	.32	(a)	56391	.109	.30	57572	.018	.099	58561	(a)	(a)
53901	(a)	(a)	56427	.175	.119	57600	.053	.033	58575	.062	.111
53902	(a)	(a)	56488	.09	.038	57611	.07	.055	58627	.199	.012
53903	(a)	(a)	56567	.135	(a)	57625	.47	(a)	58663	.30	.95
53904	(a)	(a)	56650	.41	(a)	57651	.057	.039	58682	.177	(a)
53905	(a)	(a)	56651	.225	(a)	57690	.091	.45	58713	.034	(a)
53907	.095	.086	56652	.161	(a)	57716	.043	.074	58737	.128	.55
53951	(a)	(a)	56653	.155	(a)	57725	.094	.075	58756	.056	(a)
53952	(a)	(a)	56654	.079	(a)	57726	.073	.023	58757	.43	(a)
53953	(a)	(a)	56690	.047	.33	57798	.029	(a)	58759	.053	(a)
54012	.039	—	56699	.081	.067	57800	.108	(a)	58802	.061	.48
54077	.131	.39	56758	.069	.14	57808	.036	(a)	58813	.137	(a)
54444	(a)	(a)	56759	.07	.078	57809	.037	(a)	58822	.167	(a)
55010	.39	.98	56760	.101	.099	57810	.036	.10	58837	.28	.161
55011	.106	1.75	56805	.133	(a)	57871	.043	.111	58840	.083	.121
55012	.127	1.11	56806	.094	(a)	57913	.14	.26	58873	.132	.027
55013	.12	1.12	56807	.093	(a)	57997	.086	—	58903	.038	(a)
55014	(a)	(a)	56808	.122	(a)	57998	.062	.054	58904	.029	.12
55214	.103	.083	56900	.117	(a)	57999	.059	.07	58922	.219	.179
55371	.209	.108	56910	.058	(a)	58009	.059	(a)	59005	.073	.089
55410	(a)	(a)	56911	.116	(a)	58010	.144	(a)	59057	.54	(a)
55426	.146	(a)	56912	.094	.084	58020	.119	(a)	59058	.35	(a)
55597	.026	1.68	56913	.077	(a)	58056	.172	(a)	59188	.235	.052
55647	.051	.065	56915	.46	(a)	58057	.108	(a)	59189	.32	.28
55648	.023	(a)	56916	.41	.215	58058	.097	(a)	59223	.136	.103
55649	.028	(a)	56917	.119	(a)	58095	.137	1.79	59257	.02	.012
55715	.204	.203	56918	.057	(a)	58096	.182	1.49	59306	.123	(a)
55716	.29	.49	56919	.146	(a)	58301	.045	.077	59378	.088	.141
55717	.192	(a)	56920	.133	(a)	58302	.049	.051	59481	.33	.096
55718	.186	(a)	56980	.101	(a)	58397	.28	.65	59482	.245	(a)
55802	.054	.011	57001	.035	.031	58408	.051	—	59537	.095	.232
55918	.117	2.26	57002	.022	.096	58409	.064	—	59601	.124	2.23
55919	.016	3.42	57090	.213	.68	58456	.034	—	59647	.11	.158
56040	.011	.03	57146	.135	.75	58457	.05	—	59660	.229	1.06
56041	.073	(a)	57202	.09	(a)	58458	.064	—	59661	.112	(a)
56042	.091	(a)	57257	.111	.034	58459	.077	—	59693	.019	—

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
59695	(a)	(a)	59964	.57	.066	63220	(a)	—	91190	2.20	(a)
59701	.009	.33	59970	.082	.169	64074	24.10	—	91200	.61	—
59713	.205	.33	59973	.157	(a)	64075	16.90	—	91210	(a)	—
59722	.106	.028	59975	.114	.19	64500	(a)	—	91235	2.66	2.63
59723	.04	.034	59977	.065	(a)	65007	21.30	—	91250	4.01	(a)
59724	.061	.015	59984	.043	.049	66122	9.16	—	91265	13.10	2.00
59725	.076	.145	59985	.168	(a)	66123	5.03	—	91266	6.96	1.01
59726	.055	.023	59986	.128	(a)	66309	14.70	—	91280	(a)	3.28
59738	.177	.059	59988	.029	.055	66561	34.10	—	91302	10.70	(a)
59750	.071	.181	59989	.022	.041	67017	31.60	—	91315	3.26	—
59751	.026	(a)	60010	18.60	—	67508	20.90	—	91324	7.27	(a)
59773	.014	.026	60011	21.40	—	67509	15.30	—	91325	(a)	(a)
59774	.011	.141	60012	35.10	—	67510	8.55	—	91340	4.74	6.54
59775	.015	.178	60013	30.10	—	67511	9.24	—	91341	4.68	3.64
59781	.062	.085	60015	22.50	—	67512	39.60	—	91342	4.35	3.52
59782	.092	.56	60016	25.30	—	67513	25.10	—	91343	1.03	1.37
59783	.09	(a)	60035	24.00	—	67634	27.30	—	91405	5.53	—
59784	.069	(a)	61000	18.40	—	67635	19.40	—	91436	5.29	2.11
59790	.137	(a)	61212	12.30	—	68001	59.10	—	91481	19.30	—
59798	.234	.46	61216	13.60	—	68439	76.00	—	91507	2.85	2.72
59806	.168	(a)	61217	12.40	—	68500	4.09	—	91523	43.90	—
59867	.154	(a)	61218	8.46	—	68604	1.42	—	91547	.25	—
59886	.021	.10	61223	60.10	—	68606	5.55	—	91551	1.55	.64
59889	.046	.187	61224	19.20	—	68607	4.39	—	91555	1.60	.99
59892	.09	(a)	61225	26.60	—	68702	3.61	—	91560	3.84	3.42
59904	.061	.076	61226	44.70	—	68703	2.71	—	91562	3.45	—
59905	.096	.12	61227	40.90	—	68706	11.60	—	91577	12.30	3.01
59914	.57	.69	62000	9.31	—	68707	11.50	—	91580	5.07	—
59915	.201	.66	62001	7.35	—	90089	4.48	—	91581	(a)	(a)
59917	.037	.232	62002	3.35	—	91111	3.43	4.96	91582	(a)	(a)
59923	.014	.005	62003	10.60	—	91125	2.70	1.48	91583	(a)	(a)
59925	.224	1.19	63010	33.50	—	91127	2.31	.97	91584	(a)	(a)
59926	.191	.46	63011	41.80	—	91130	1.08	—	91585	(a)	(a)
59927	.128	1.30	63012	59.50	—	91135	.30	(a)	91586	(a)	(a)
59931	.25	.48	63013	56.30	—	91150	2.18	4.65	91587	(a)	(a)
59932	.27	.80	63215	35.00	—	91155	4.84	29.90	91588	(a)	(a)
59941	.085	(a)	63216	24.30	—	91160	1.08	—	91589	(a)	(a)
59947	.061	.30	63217	25.10	—	91175	.93	—	91590	3.58	—
59955	.033	.132	63218	8.45	—	91177	4.08	—	91591	(a)	(a)
59963	.243	.37	63219	(a)	—	91179	4.10	—	91606	10.50	—

\$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
91618	(a)	(a)	95357	1.08	—	97653	3.25	3.07	98426	2.63	(a)
91629	2.15	(a)	95358	(a)	—	97654	5.66	2.66	98427	2.56	—
91636	3.69	—	95410	4.60	2.26	97655	4.03	3.29	98428	(a)	—
91641	1.00	(a)	95455	4.46	1.91	98002	.73	.85	98429	.96	—
91666	.97	(a)	95487	2.46	(a)	98003	1.02	(a)	98430	(a)	—
91722	3.23	(a)	95505	2.08	2.10	98090	.137	—	98449	3.68	17.80
91746	3.45	7.71	95620	2.00	(a)	98091	.148	—	98482	3.95	6.76
91805	.216	—	95625	5.13	3.85	98092	.45	—	98483	5.83	13.60
92053	.53	.72	95630	(a)	(a)	98111	.67	—	98502	5.58	3.62
92054	.183	.235	95647	3.21	10.60	98150	(a)	—	98555	2.60	—
92055	5.11	.179	95648	(a)	(a)	98151	(a)	—	98597	.58	—
92101	7.99	2.86	96053	2.44	3.76	98152	2.46	.86	98598	.20	—
92102	4.81	3.14	96317	1.11	—	98153	2.77	(a)	98601	6.68	(a)
92215	3.81	2.49	96408	3.98	11.20	98154	3.27	(a)	98622	(a)	—
92338	1.85	1.46	96409	3.68	7.97	98155	4.57	(a)	98623	(a)	—
92445	2.11	—	96410	3.23	8.05	98156	(a)	(a)	98624	1.05	—
92446	6.08	1.62	96611	1.09	1.30	98157	2.92	.27	98636	3.27	2.78
92447	5.31	1.48	96702	4.58	(a)	98158	(a)	(a)	98640	115.00	—
92451	2.66	1.96	96703	(a)	—	98159	1.96	(a)	98658	4.73	—
92453	3.36	—	96816	4.30	—	98160	4.15	(a)	98659	.85	.42
92478	1.67	1.53	96872	3.96	(a)	98161	4.65	(a)	98677	18.10	10.80
92593	34.90	—	96930	(a)	—	98162	(a)	(a)	98678	16.10	11.70
92663	.50	—	97002	(a)	(a)	98163	4.88	.172	98698	(a)	(a)
94007	11.40	4.44	97003	(a)	(a)	98164	2.24	.07	98699	5.24	(a)
94099	2.60	—	97047	3.31	—	98257	1.53	—	98705	6.69	—
94225	9.14	—	97050	2.57	—	98303	9.18	5.23	98710	3.65	—
94276	4.76	3.98	97111	5.49	—	98304	5.68	3.08	98751	3.57	—
94304	3.40	(a)	97220	.29	(a)	98305	2.65	1.65	98805	4.76	1.38
94381	6.38	11.10	97221	(a)	1.14	98306	6.83	.82	98806	3.04	3.11
94404	4.51	4.60	97222	1.76	1.63	98307	1.80	.46	98810	3.74	—
94444	(a)	(a)	97223	2.66	4.29	98308	1.18	1.22	98813	3.61	1.76
94569	3.05	3.85	97308	.54	—	98309	4.61	2.37	98820	9.09	2.95
94590	13.10	—	97447	1.77	5.62	98344	.74	.64	98871	(a)	(a)
94617	4.15	—	97501	(a)	—	98405	1.22	—	98884	2.36	1.82
94638	(a)	—	97502	(a)	—	98413	15.00	(a)	98914	.58	.55
95124	1.53	1.21	97503	(a)	—	98414	13.70	(a)	98949	.81	.26
95233	3.28	—	97504	(a)	—	98415	1.80	(a)	98967	3.71	10.30
95305	3.56	—	97650	3.80	3.17	98423	4.28	(a)	98993	6.25	3.48
95306	4.23	—	97651	5.23	4.23	98424	7.26	(a)	99003	1.76	1.43
95310	8.51	1.23	97652	4.53	4.75	98425	2.98	(a)	99004	3.00	1.63

\$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
99080	1.25	6.90	99826	.74	.62						
99081	(a)	—	99827	.45	.58						
99082	(a)	—	99851	1.83	—						
99083	(a)	—	99917	2.96	—						
99084	(a)	(a)	99938	3.33	—						
99085	(a)	(a)	99943	9.66	—						
99111	1.81	—	99946	7.19	2.89						
99160	(a)	—	99948	7.53	21.20						
99163	4.33	.37	99952	5.48	18.60						
99165	.95	(a)	99953	5.92	10.40						
99220	1.27	(a)	99954	4.31	8.09						
99221	(a)	(a)	99955	5.40	6.75						
99222	2.38	(a)	99963	.72	—						
99223	.27	(a)	99969	2.31	4.17						
99303	14.50	—	99975	4.79	—						
99310	3.63	(a)	99986	(a)	—						
99315	10.70	2.07	99987	(a)	—						
99321	10.40	2.04	99988	2.04	—						
99445	(a)	(a)									
99471	.58	—									
99505	5.29	—									
99506	6.51	—									
99507	5.67	—									
99570	3.04	(a)									
99571	.74	(a)									
99572	1.44	(a)									
99573	1.38	(a)									
99600	1.31	—									
99613	9.17	1.97									
99614	2.92	—									
99620	.50	—									
99650	1.44	.97									
99709	3.56	(a)									
99718	1.47	—									
99746	2.48	3.15									
99760	.28	—									
99777	6.48	—									
99793	3.15	—									
99798	(a)	(a)									
99803	(a)	10.00									

\$100,000/200,000 BASIC LIMIT OCCURRENCE Premises/Operations (Prem/Ops) (Subline Code 334) Territory 502 Products/Completed Operations (Prod/Cops) (Subline Code 336) Entire State Territory 999											
Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops
10010	.125	.189	10205	.26	—	11210	2.97	—	13207	(a)	(a)
10015	5.52	—	10220	4.93	—	11211	15.40	—	13208	(a)	(a)
10020	(a)	(a)	10255	.141	.151	11212	2.34	—	13314	.126	.014
10026	.68	.029	10256	.51	.183	11213	1.91	—	13351	.31	.075
10036	.38	(a)	10257	.097	.148	11214	4.69	—	13352	.31	.05
10040	.095	.32	10309	.169	.025	11222	.079	—	13410	.81	2.35
10042	.39	.48	10315	.40	(a)	11234	.29	.091	13411	(a)	(a)
10052	3.82	—	10331	7.48	—	11248	.027	.016	13412	.27	1.21
10054	3.39	—	10332	12.90	—	11258	.99	.159	13453	.32	(a)
10060	.186	.056	10352	.48	.063	11259	1.06	.094	13454	.37	(a)
10065	.28	.039	10367	3.98	—	11273	14.60	—	13455	.37	(a)
10066	.28	.069	10368	5.81	—	11274	14.00	—	13461	(a)	(a)
10070	.072	.151	10375	(a)	—	11288	1.22	.071	13506	.96	.106
10071	.33	.17	10378	7.58	—	12014	.058	.051	13507	1.16	.212
10072	4.50	—	10379	3.52	—	12356	1.24	.048	13590	.28	.67
10073	.59	.65	10380	6.00	—	12361	.109	.07	13621	.07	.33
10075	4.38	.223	10381	5.20	—	12362	.079	(a)	13670	.061	.017
10100	.82	.069	11007	1.69	—	12373	.03	.023	13673	.75	.015
10101	.25	.177	11020	.32	.226	12374	.64	.085	13715	.079	.145
10105	2.72	—	11039	.51	.082	12375	.32	.038	13716	.47	.149
10107	1.81	.26	11052	3.18	—	12391	.059	.07	13720	.42	.062
10110	18.80	—	11101	(a)	(a)	12393	.42	(a)	13759	.186	.154
10111	.156	.067	11120	(a)	—	12467	.175	(a)	13930	.167	.174
10113	.38	—	11126	.065	.024	12509	.035	.031	14068	.041	.012
10115	.75	.118	11127	.40	.013	12510	.45	.036	14101	.48	.065
10117	5.48	—	11128	.54	.112	12583	.198	(a)	14279	.27	.101
10119	(a)	—	11138	1.87	—	12651	.58	.51	14401	1.00	.089
10120	12.30	—	11155	.224	—	12683	.26	(a)	14405	.99	—
10130	3.71	—	11160	(a)	(a)	12707	.52	.56	14527	.32	.179
10132	3.19	—	11167	.73	—	12797	.108	.194	14655	.093	—
10133	3.05	—	11168	3.80	—	12805	.34	.198	14731	3.15	—
10135	(a)	—	11201	14.80	—	12841	.56	—	14732	.233	—
10140	.05	.022	11202	4.37	—	12927	.098	—	14733	.65	—
10141	.10	.023	11203	.93	.46	13049	.057	.051	14734	.28	—
10145	.48	.009	11204	.33	2.13	13111	.92	.092	14855	.124	.133
10146	.37	.018	11205	(a)	—	13112	.093	.063	14913	.35	.131
10150	.52	(a)	11206	.69	—	13201	.51	.144	15060	(a)	(a)
10151	13.10	—	11207	8.67	—	13204	.58	1.14	15061	(a)	(a)
10160	2.33	—	11208	1.49	—	13205	.222	.42	15062	.111	(a)
10204	.235	—	11209	6.98	—	13206	(a)	(a)	15063	.129	(a)

DIVISION SIX

PREM/OPS TERR. 502

GENERAL LIABILITY

PROD/COPS

LOSS COST PAGES

\$100,000/200,000 BASIC LIMIT OCCURRENCE Premises/Operations (Prem/Ops) (Subline Code 334) Territory 502 Products/Completed Operations (Prod/Cops) (Subline Code 336) Entire State Territory 999											
Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops
15070	.133	—	16750	.109	.034	18707	.012	.005	40117	(a)	—
15119	(a)	—	16751	.109	—	18708	.12	.035	40140	(a)	—
15120	(a)	—	16819	.67	(a)	18833	.141	(a)	41001	.206	—
15123	3.05	—	16820	.52	(a)	18834	.31	.144	41210	(a)	—
15124	1.07	—	16881	1.71	(a)	18911	.98	.027	41421	.46	—
15188	.195	(a)	16890	.079	(a)	18912	1.85	.051	41422	.247	—
15223	.072	.044	16891	.086	(a)	18920	.48	.026	41510	49.40	—
15224	.45	.068	16892	.156	(a)	18991	(a)	—	41603	21.90	—
15300	(a)	—	16900	2.37	.108	19007	1.19	—	41604	12.00	—
15314	.224	(a)	16901	1.52	.139	19051	2.64	—	41620	1.24	—
15404	.051	(a)	16902	1.29	.058	19061	(a)	—	41650	30.90	—
15405	.075	(a)	16905	2.49	.108	19795	.32	(a)	41664	26.00	—
15406	.19	.053	16906	1.59	.139	19796	.38	—	41665	3.05	—
15488	.47	(a)	16910	1.42	.058	40005	(a)	—	41666	(a)	—
15538	.40	.025	16911	1.29	.07	40006	(a)	—	41667	71.20	—
15600	1.00	.143	16915	1.46	.043	40010	(a)	—	41668	66.70	—
15607	.174	—	16916	1.21	.079	40015	(a)	—	41669	.47	—
15608	.224	.016	16920	3.23	.129	40020	(a)	—	41670	.79	—
15656	6.61	—	16921	2.95	.046	40026	(a)	—	41672	(a)	—
15699	.43	—	16930	1.86	.168	40031	(a)	—	41673	(a)	—
15733	.124	.034	16931	2.00	.08	40032	(a)	—	41675	(a)	—
15839	.30	.038	16940	4.03	.047	40040	(a)	—	41677	.26	—
15991	.246	.096	16941	1.61	.078	40041	(a)	—	41678	49.10	—
15993	.207	.057	18078	.142	.182	40042	(a)	—	41679	(a)	(a)
16005	.042	.031	18109	.41	.045	40045	172.00	—	41680	16.10	—
16009	.152	.106	18110	.33	.054	40046	34.00	—	41696	.81	—
16402	1.48	—	18200	(a)	—	40047	12.10	—	41697	.56	—
16403	.94	.228	18205	.219	.38	40059	4.34	—	41700	(a)	—
16404	1.18	—	18206	.53	.165	40061	2.30	—	41715	10.20	—
16471	.246	—	18335	.38	.022	40063	77.00	—	41716	6.49	—
16501	.088	(a)	18435	.87	.07	40064	22.60	—	43007	(a)	—
16527	.135	.32	18436	.70	.125	40066	(a)	—	43117	(a)	—
16588	.07	(a)	18437	.55	(a)	40067	(a)	—	43151	20.00	—
16604	.118	.122	18438	1.05	(a)	40069	(a)	—	43152	14.70	—
16670	3.11	—	18501	.80	.014	40072	(a)	—	43200	76.00	—
16676	.31	.02	18506	.248	.009	40075	40.10	—	43215	(a)	—
16694	.233	(a)	18507	.196	.012	40101	35.70	—	43421	20.80	—
16705	.25	.131	18570	2.05	—	40102	31.60	—	43422	109.00	—
16722	(a)	—	18575	(a)	(a)	40111	6.10	—	43424	(a)	—
16723	(a)	—	18616	.188	.59	40115	(a)	—	43470	4.71	—

\$100,000/200,000 BASIC LIMIT OCCURRENCE Premises/Operations (Prem/Ops) (Subline Code 334) Territory 502 Products/Completed Operations (Prod/Cops) (Subline Code 336) Entire State Territory 999											
Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops
43517	(a)	—	44277	66.10	—	46004	29.30	—	47471	4.01	—
43518	11.20	—	44280	.26	—	46005	23.50	—	47473	5.25	—
43550	74.30	—	44311	5.76	—	46112	.141	—	47474	5.87	—
43551	41.20	—	44315	3.87	—	46202	6.71	—	47475	4.63	—
43626	8.92	—	44427	129.00	—	46362	171.00	—	47476	4.63	—
43628	116.00	—	44428	130.00	—	46426	25.10	—	47477	6.18	—
43629	98.30	—	44429	1.95	—	46427	33.50	—	47478	6.49	—
43754	(a)	—	44430	1.35	—	46510	(a)	—	47600	(a)	—
43760	3.27	—	44431	4.32	—	46590	(a)	—	47610	(a)	—
43822	3.75	—	44432	1.37	—	46603	2.10	—	48039	53.90	—
43840	.046	—	44433	43.70	—	46604	2.42	—	48177	(a)	—
43860	2.95	—	44434	83.50	—	46606	6.47	—	48178	(a)	—
43889	1.06	—	44435	86.50	—	46607	8.89	—	48206	23.60	—
43945	(a)	—	44436	101.00	—	46622	11.00	—	48252	(a)	—
43946	(a)	—	44437	83.70	—	46671	(a)	—	48441	.099	—
43990	(a)	(a)	44438	66.10	—	46700	153.00	—	48557	9.91	—
43991	(a)	—	44439	129.00	—	46773	(a)	—	48558	8.62	—
44009	3.71	—	44440	107.00	—	46822	(a)	—	48600	50.10	—
44010	(a)	(a)	44500	(a)	—	46881	(a)	—	48610	(a)	—
44069	9.54	—	44501	(a)	—	46882	(a)	—	48636	.81	(a)
44070	2.82	—	45190	5.28	—	46911	17.70	—	48637	7.58	—
44071	3.14	—	45191	3.75	—	46912	32.30	—	48638	3.76	—
44072	2.17	—	45192	4.38	—	46913	(a)	—	48727	(a)	—
44100	2.15	—	45193	2.59	—	46914	(a)	—	48808	1.69	—
44101	2.24	—	45210	3.27	—	46915	(a)	—	48924	(a)	—
44102	1.75	—	45224	(a)	—	46916	(a)	—	48925	181.00	—
44103	1.55	—	45225	(a)	—	47050	1.02	—	49005	.174	—
44104	.65	—	45334	43.80	—	47051	(a)	—	49111	2.59	—
44105	(a)	—	45380	.145	(a)	47052	(a)	—	49181	17.60	—
44106	(a)	—	45450	12.90	—	47103	(a)	—	49183	21.50	—
44108	.76	—	45523	(a)	—	47146	(a)	—	49184	45.30	—
44109	1.93	—	45524	(a)	—	47147	(a)	—	49185	41.20	—
44110	1.97	—	45539	(a)	—	47221	168.00	—	49239	.108	.46
44111	1.21	—	45678	.28	—	47253	(a)	—	49292	1.29	—
44112	.72	—	45771	.221	.139	47254	(a)	—	49305	(a)	—
44113	(a)	—	45819	.072	.079	47318	7.26	—	49333	9.44	—
44193	(a)	—	45900	.115	.043	47367	.26	—	49451	(a)	—
44194	(a)	—	45901	.098	.045	47420	1.59	—	49452	(a)	—
44222	(a)	—	45937	.172	—	47468	(a)	—	49617	.25	.27
44276	102.00	—	45993	(a)	(a)	47469	4.63	—	49618	.211	.088

DIVISION SIX

PREM/OPS TERR. 502

GENERAL LIABILITY

PROD/COPS

LOSS COST PAGES

\$100,000/200,000 BASIC LIMIT OCCURRENCE Premises/Operations (Prem/Ops) (Subline Code 334) Territory 502 Products/Completed Operations (Prod/Cops) (Subline Code 336) Entire State Territory 999											
Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops
49619	.40	.15	51315	.07	.096	51809	.224	.146	52341	.023	(a)
49763	2.57	—	51330	.049	.66	51833	.057	.054	52342	.067	(a)
49800	(a)	—	51333	.016	.32	51850	.119	(a)	52343	.041	(a)
49801	148.00	—	51340	.022	(a)	51851	.081	(a)	52401	.126	(a)
49802	13.10	—	51350	.089	.127	51852	.189	(a)	52402	.012	(a)
49803	23.20	—	51351	.079	.049	51853	.076	(a)	52432	.06	(a)
49840	1.06	—	51352	.109	.101	51854	.17	(a)	52433	.055	.80
49870	75.80	—	51355	.074	.091	51855	.179	(a)	52435	.069	(a)
49890	(a)	—	51356	.08	.56	51856	.098	(a)	52438	.05	(a)
49891	(a)	—	51357	.10	.76	51857	.168	(a)	52440	.078	(a)
49902	(a)	—	51358	.24	.129	51869	.06	.136	52467	.072	(a)
49903	(a)	—	51359	.211	.71	51877	.34	.191	52469	.025	.096
50010	.13	.38	51370	.26	3.83	51889	.055	.011	52505	.126	.237
50015	.085	(a)	51380	.026	.041	51896	.026	.017	52547	.109	.07
50017	.064	(a)	51400	.115	(a)	51900	.043	.10	52581	.62	2.19
50045	.147	(a)	51401	.17	(a)	51909	.107	.053	52619	.043	(a)
50047	.017	(a)	51500	.049	.116	51919	.056	(a)	52660	.091	—
51001	.028	.42	51516	.077	—	51926	.057	.044	52744	.22	.066
51005	.006	(a)	51517	.087	—	51927	.031	.132	52767	.10	(a)
51116	.07	.69	51550	.061	.40	51934	.062	.107	52876	(a)	(a)
51201	.022	(a)	51551	.021	.89	51941	.057	.041	52911	.034	.42
51205	.068	.059	51552	.037	.152	51942	.091	—	52967	.013	.058
51206	.011	.32	51553	.065	(a)	51956	.245	.205	53001	.127	.30
51210	.048	(a)	51554	.006	(a)	51957	.216	.46	53077	.061	.219
51211	(a)	(a)	51575	.024	.021	51958	.192	.37	53095	.042	(a)
51220	.166	1.90	51576	.118	.097	51959	.196	(a)	53096	.058	(a)
51221	.092	1.76	51600	.08	.172	51960	.026	.33	53121	.165	.40
51222	.112	4.53	51613	.053	.139	51970	.113	.177	53147	.017	(a)
51224	.117	1.49	51625	.025	(a)	51982	.033	.077	53229	.094	(a)
51230	.02	.74	51666	.038	.089	51985	.072	—	53271	.031	(a)
51240	.27	.196	51702	.076	(a)	51986	.13	.096	53333	.093	.248
51241	.80	.218	51703	.031	(a)	51999	.055	.40	53374	.058	.26
51250	.127	(a)	51734	.059	.35	52002	.048	.114	53375	.031	.27
51251	.023	(a)	51741	.139	.243	52075	.094	.222	53376	.049	.183
51252	.081	.074	51752	.118	.15	52076	.113	(a)	53377	.05	.188
51253	.069	(a)	51767	.011	.007	52109	.012	(a)	53403	.032	(a)
51254	.021	.032	51777	.038	.077	52134	.161	.60	53425	.088	(a)
51255	.32	(a)	51790	.064	(a)	52137	.037	(a)	53565	.037	.096
51300	.053	.147	51796	.051	(a)	52150	.30	(a)	53631	.019	.021
51305	.053	.88	51808	.18	.68	52315	.05	.27	53632	.022	.032

\$100,000/200,000 BASIC LIMIT OCCURRENCE Premises/Operations (Prem/Ops) (Subline Code 334) Territory 502 Products/Completed Operations (Prod/Cops) (Subline Code 336) Entire State Territory 999											
Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops
53731	.02	(a)	56170	.086	(a)	57401	.04	.089	58503	.048	.077
53732	.138	.47	56171	.042	(a)	57403	.078	.033	58532	.062	(a)
53733	.09	.228	56202	.046	.078	57410	.019	.173	58559	.013	(a)
53734	.46	—	56390	.08	.70	57411	.021	(a)	58560	.031	(a)
53803	.209	(a)	56391	.069	.30	57572	.011	.099	58561	(a)	(a)
53901	(a)	(a)	56427	.111	.119	57600	.034	.033	58575	.039	.111
53902	(a)	(a)	56488	.064	.038	57611	.046	.055	58627	.126	.012
53903	(a)	(a)	56567	.089	(a)	57625	.30	(a)	58663	.197	.95
53904	(a)	(a)	56650	.27	(a)	57651	.036	.039	58682	.112	(a)
53905	(a)	(a)	56651	.148	(a)	57690	.06	.45	58713	.024	(a)
53907	.061	.086	56652	.106	(a)	57716	.028	.074	58737	.082	.55
53951	(a)	(a)	56653	.102	(a)	57725	.062	.075	58756	.037	(a)
53952	(a)	(a)	56654	.052	(a)	57726	.048	.023	58757	.27	(a)
53953	(a)	(a)	56690	.033	.33	57798	.018	(a)	58759	.034	(a)
54012	.046	—	56699	.051	.067	57800	.069	(a)	58802	.039	.48
54077	.083	.39	56758	.043	.14	57808	.024	(a)	58813	.091	(a)
54444	(a)	(a)	56759	.045	.078	57809	.025	(a)	58822	.106	(a)
55010	.25	.98	56760	.064	.099	57810	.024	.10	58837	.182	.161
55011	.068	1.75	56805	.084	(a)	57871	.028	.111	58840	.054	.121
55012	.08	1.11	56806	.06	(a)	57913	.089	.26	58873	.087	.027
55013	.079	1.12	56807	.059	(a)	57997	.102	—	58903	.024	(a)
55014	(a)	(a)	56808	.077	(a)	57998	.039	.054	58904	.019	.12
55214	.065	.083	56900	.074	(a)	57999	.039	.07	58922	.144	.179
55371	.148	.108	56910	.037	(a)	58009	.039	(a)	59005	.046	.089
55410	(a)	(a)	56911	.077	(a)	58010	.091	(a)	59057	.34	(a)
55426	.096	(a)	56912	.062	.084	58020	.084	(a)	59058	.221	(a)
55597	.016	1.68	56913	.051	(a)	58056	.109	(a)	59188	.167	.052
55647	.033	.065	56915	.30	(a)	58057	.069	(a)	59189	.229	.28
55648	.015	(a)	56916	.27	.215	58058	.062	(a)	59223	.09	.103
55649	.018	(a)	56917	.078	(a)	58095	.087	1.79	59257	.012	.012
55715	.129	.203	56918	.038	(a)	58096	.115	1.49	59306	.078	(a)
55716	.187	.49	56919	.096	(a)	58301	.03	.077	59378	.058	.141
55717	.127	(a)	56920	.088	(a)	58302	.031	.051	59481	.209	.096
55718	.123	(a)	56980	.064	(a)	58397	.18	.65	59482	.174	(a)
55802	.038	.011	57001	.022	.031	58408	.06	—	59537	.063	.232
55918	.074	2.26	57002	.014	.096	58409	.077	—	59601	.079	2.23
55919	.01	3.42	57090	.14	.68	58456	.041	—	59647	.078	.158
56040	.007	.03	57146	.089	.75	58457	.059	—	59660	.145	1.06
56041	.046	(a)	57202	.057	(a)	58458	.077	—	59661	.071	(a)
56042	.058	(a)	57257	.071	.034	58459	.092	—	59693	.012	—

DIVISION SIX

PREM/OPS TERR. 502

GENERAL LIABILITY

PROD/COPS

LOSS COST PAGES

\$100,000/200,000 BASIC LIMIT OCCURRENCE Premises/Operations (Prem/Ops) (Subline Code 334) Territory 502 Products/Completed Operations (Prod/Cops) (Subline Code 336) Entire State Territory 999											
Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops
59695	(a)	(a)	59964	.36	.066	63220	(a)	—	91190	2.20	(a)
59701	.006	.33	59970	.054	.169	64074	37.30	—	91200	.61	—
59713	.13	.33	59973	.099	(a)	64075	26.20	—	91210	(a)	—
59722	.067	.028	59975	.075	.19	64500	(a)	—	91235	2.66	2.63
59723	.025	.034	59977	.043	(a)	65007	26.70	—	91250	4.01	(a)
59724	.039	.015	59984	.027	.049	66122	11.50	—	91265	13.10	2.00
59725	.048	.145	59985	.106	(a)	66123	6.30	—	91266	6.96	1.01
59726	.035	.023	59986	.081	(a)	66309	18.40	—	91280	(a)	3.28
59738	.112	.059	59988	.019	.055	66561	42.70	—	91302	10.70	(a)
59750	.047	.181	59989	.014	.041	67017	39.60	—	91315	3.26	—
59751	.017	(a)	60010	21.50	—	67508	37.10	—	91324	7.27	(a)
59773	.01	.026	60011	24.80	—	67509	27.20	—	91325	(a)	(a)
59774	.008	.141	60012	40.70	—	67510	15.10	—	91340	4.74	6.54
59775	.01	.178	60013	34.90	—	67511	16.40	—	91341	4.68	3.64
59781	.041	.085	60015	26.10	—	67512	70.10	—	91342	4.35	3.52
59782	.061	.56	60016	29.30	—	67513	44.50	—	91343	1.03	1.37
59783	.059	(a)	60035	30.10	—	67634	34.30	—	91405	5.53	—
59784	.045	(a)	61000	21.30	—	67635	24.20	—	91436	5.29	2.11
59790	.087	(a)	61212	15.40	—	68001	74.00	—	91481	19.30	—
59798	.154	.46	61216	17.00	—	68439	95.20	—	91507	2.85	2.72
59806	.111	(a)	61217	15.50	—	68500	4.74	—	91523	43.90	—
59867	.098	(a)	61218	10.60	—	68604	1.78	—	91547	.25	—
59886	.013	.10	61223	75.30	—	68606	6.95	—	91551	1.55	.64
59889	.032	.187	61224	24.00	—	68607	5.50	—	91555	1.60	.99
59892	.059	(a)	61225	33.30	—	68702	4.53	—	91560	3.84	3.42
59904	.04	.076	61226	56.10	—	68703	3.39	—	91562	3.45	—
59905	.061	.12	61227	51.30	—	68706	14.50	—	91577	12.30	3.01
59914	.36	.69	62000	11.70	—	68707	14.40	—	91580	5.07	—
59915	.133	.66	62001	9.21	—	90089	4.48	—	91581	(a)	(a)
59917	.025	.232	62002	4.20	—	91111	3.43	4.96	91582	(a)	(a)
59923	.009	.005	62003	13.30	—	91125	2.70	1.48	91583	(a)	(a)
59925	.217	1.19	63010	38.80	—	91127	2.31	.97	91584	(a)	(a)
59926	.184	.46	63011	48.40	—	91130	1.08	—	91585	(a)	(a)
59927	.124	1.30	63012	68.90	—	91135	.30	(a)	91586	(a)	(a)
59931	.161	.48	63013	65.20	—	91150	2.18	4.65	91587	(a)	(a)
59932	.174	.80	63215	43.80	—	91155	4.84	29.90	91588	(a)	(a)
59941	.054	(a)	63216	30.40	—	91160	1.08	—	91589	(a)	(a)
59947	.04	.30	63217	34.50	—	91175	.93	—	91590	3.58	—
59955	.021	.132	63218	11.60	—	91177	4.08	—	91591	(a)	(a)
59963	.154	.37	63219	(a)	—	91179	4.10	—	91606	10.50	—

\$100,000/200,000 BASIC LIMIT OCCURRENCE Premises/Operations (Prem/Ops) (Subline Code 334) Territory 502 Products/Completed Operations (Prod/Cops) (Subline Code 336) Entire State Territory 999											
Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops
91618	(a)	(a)	95357	1.08	—	97653	3.25	3.07	98426	2.63	(a)
91629	2.15	(a)	95358	(a)	—	97654	5.66	2.66	98427	2.56	—
91636	3.69	—	95410	4.60	2.26	97655	4.03	3.29	98428	(a)	—
91641	1.00	(a)	95455	4.46	1.91	98002	.73	.85	98429	.96	—
91666	.97	(a)	95487	2.46	(a)	98003	1.02	(a)	98430	(a)	—
91722	3.23	(a)	95505	2.08	2.10	98090	.137	—	98449	3.68	17.80
91746	3.45	7.71	95620	2.00	(a)	98091	.148	—	98482	3.95	6.76
91805	.216	—	95625	5.13	3.85	98092	.45	—	98483	5.83	13.60
92053	.53	.72	95630	(a)	(a)	98111	.67	—	98502	5.58	3.62
92054	.183	.235	95647	3.21	10.60	98150	(a)	—	98555	2.60	—
92055	5.11	.179	95648	(a)	(a)	98151	(a)	—	98597	.58	—
92101	7.99	2.86	96053	2.44	3.76	98152	2.46	.86	98598	.20	—
92102	4.81	3.14	96317	1.11	—	98153	2.77	(a)	98601	6.68	(a)
92215	3.81	2.49	96408	3.98	11.20	98154	3.27	(a)	98622	(a)	—
92338	1.85	1.46	96409	3.68	7.97	98155	4.57	(a)	98623	(a)	—
92445	2.11	—	96410	3.23	8.05	98156	(a)	(a)	98624	1.05	—
92446	6.08	1.62	96611	1.09	1.30	98157	2.92	.27	98636	3.27	2.78
92447	5.31	1.48	96702	4.58	(a)	98158	(a)	(a)	98640	115.00	—
92451	2.66	1.96	96703	(a)	—	98159	1.96	(a)	98658	4.73	—
92453	3.36	—	96816	4.30	—	98160	4.15	(a)	98659	.85	.42
92478	1.67	1.53	96872	3.96	(a)	98161	4.65	(a)	98677	18.10	10.80
92593	34.90	—	96930	(a)	—	98162	(a)	(a)	98678	16.10	11.70
92663	.50	—	97002	(a)	(a)	98163	4.88	.172	98698	(a)	(a)
94007	11.40	4.44	97003	(a)	(a)	98164	2.24	.07	98699	5.24	(a)
94099	2.60	—	97047	3.31	—	98257	1.53	—	98705	6.69	—
94225	9.14	—	97050	2.57	—	98303	9.18	5.23	98710	3.65	—
94276	4.76	3.98	97111	5.49	—	98304	5.68	3.08	98751	3.57	—
94304	3.40	(a)	97220	.29	(a)	98305	2.65	1.65	98805	4.76	1.38
94381	6.38	11.10	97221	(a)	1.14	98306	6.83	.82	98806	3.04	3.11
94404	4.51	4.60	97222	1.76	1.63	98307	1.80	.46	98810	3.74	—
94444	(a)	(a)	97223	2.66	4.29	98308	1.18	1.22	98813	3.61	1.76
94569	3.05	3.85	97308	.54	—	98309	4.61	2.37	98820	9.09	2.95
94590	13.10	—	97447	1.77	5.62	98344	.74	.64	98871	(a)	(a)
94617	4.15	—	97501	(a)	—	98405	1.22	—	98884	2.36	1.82
94638	(a)	—	97502	(a)	—	98413	15.00	(a)	98914	.58	.55
95124	1.53	1.21	97503	(a)	—	98414	13.70	(a)	98949	.81	.26
95233	3.28	—	97504	(a)	—	98415	1.80	(a)	98967	3.71	10.30
95305	3.56	—	97650	3.80	3.17	98423	4.28	(a)	98993	6.25	3.48
95306	4.23	—	97651	5.23	4.23	98424	7.26	(a)	99003	1.76	1.43
95310	8.51	1.23	97652	4.53	4.75	98425	2.98	(a)	99004	3.00	1.63

\$100,000/200,000 BASIC LIMIT OCCURRENCE Premises/Operations (Prem/Ops) (Subline Code 334) Territory 502 Products/Completed Operations (Prod/Cops) (Subline Code 336) Entire State Territory 999											
Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops
99080	1.25	6.90	99826	.74	.62						
99081	(a)	—	99827	.45	.58						
99082	(a)	—	99851	1.83	—						
99083	(a)	—	99917	2.96	—						
99084	(a)	(a)	99938	3.33	—						
99085	(a)	(a)	99943	9.66	—						
99111	1.81	—	99946	7.19	2.89						
99160	(a)	—	99948	7.53	21.20						
99163	4.33	.37	99952	5.48	18.60						
99165	.95	(a)	99953	5.92	10.40						
99220	1.27	(a)	99954	4.31	8.09						
99221	(a)	(a)	99955	5.40	6.75						
99222	2.38	(a)	99963	.72	—						
99223	.27	(a)	99969	2.31	4.17						
99303	14.50	—	99975	4.79	—						
99310	3.63	(a)	99986	(a)	—						
99315	10.70	2.07	99987	(a)	—						
99321	10.40	2.04	99988	2.04	—						
99445	(a)	(a)									
99471	.58	—									
99505	5.29	—									
99506	6.51	—									
99507	5.67	—									
99570	3.04	(a)									
99571	.74	(a)									
99572	1.44	(a)									
99573	1.38	(a)									
99600	1.31	—									
99613	9.17	1.97									
99614	2.92	—									
99620	.50	—									
99650	1.44	.97									
99709	3.56	(a)									
99718	1.47	—									
99746	2.48	3.15									
99760	.28	—									
99777	6.48	—									
99793	3.15	—									
99798	(a)	(a)									
99803	(a)	10.00									

\$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	.114	.189	10205	.202	—	11210	1.84	—	13207	(a)	(a)
10015	5.53	—	10220	3.80	—	11211	9.57	—	13208	(a)	(a)
10020	(a)	(a)	10255	.193	.151	11212	1.45	—	13314	.097	.014
10026	.52	.029	10256	.71	.183	11213	1.18	—	13351	.235	.075
10036	.52	(a)	10257	.133	.148	11214	2.91	—	13352	.24	.05
10040	.087	.32	10309	.13	.025	11222	.049	—	13410	1.11	2.35
10042	.30	.48	10315	.31	(a)	11234	.227	.091	13411	(a)	(a)
10052	3.83	—	10331	7.50	—	11248	.037	.016	13412	.37	1.21
10054	3.39	—	10332	12.90	—	11258	1.32	.159	13453	.43	(a)
10060	.143	.056	10352	.64	.063	11259	1.42	.094	13454	.51	(a)
10065	.214	.039	10367	2.46	—	11273	11.30	—	13455	.51	(a)
10066	.219	.069	10368	3.60	—	11274	10.80	—	13461	(a)	(a)
10070	.065	.151	10375	(a)	—	11288	1.62	.071	13506	.74	.106
10071	.26	.17	10378	7.60	—	12014	.079	.051	13507	.89	.212
10072	2.79	—	10379	3.53	—	12356	.95	.048	13590	.38	.67
10073	.81	.65	10380	6.02	—	12361	.071	.07	13621	.097	.33
10075	6.02	.223	10381	5.21	—	12362	.072	(a)	13670	.04	.017
10100	1.10	.069	11007	1.05	—	12373	.027	.023	13673	1.00	.015
10101	.193	.177	11020	.244	.226	12374	.50	.085	13715	.072	.145
10105	2.09	—	11039	.71	.082	12375	.244	.038	13716	.37	.149
10107	2.48	.26	11052	4.25	—	12391	.054	.07	13720	.56	.062
10110	18.80	—	11101	(a)	(a)	12393	.32	(a)	13759	.143	.154
10111	.143	.067	11120	(a)	—	12467	.134	(a)	13930	.153	.174
10113	.29	—	11126	.05	.024	12509	.048	.031	14068	.032	.012
10115	.58	.118	11127	.36	.013	12510	.61	.036	14101	.37	.065
10117	5.49	—	11128	.49	.112	12583	.27	(a)	14279	.37	.101
10119	(a)	—	11138	1.88	—	12651	.79	.51	14401	1.33	.089
10120	12.30	—	11155	.172	—	12683	.36	(a)	14405	.62	—
10130	2.85	—	11160	(a)	(a)	12707	.47	.56	14527	.29	.179
10132	2.46	—	11167	.98	—	12797	.099	.194	14655	.071	—
10133	4.09	—	11168	5.08	—	12805	.26	.198	14731	4.22	—
10135	(a)	—	11201	9.17	—	12841	.43	—	14732	.31	—
10140	.032	.022	11202	2.71	—	12927	.076	—	14733	.50	—
10141	.065	.023	11203	.84	.46	13049	.037	.051	14734	.214	—
10145	.31	.009	11204	.25	2.13	13111	1.23	.092	14855	.17	.133
10146	.49	.018	11205	(a)	—	13112	.06	.063	14913	.27	.131
10150	.40	(a)	11206	.43	—	13201	.70	.144	15060	(a)	(a)
10151	10.10	—	11207	5.37	—	13204	.79	1.14	15061	(a)	(a)
10160	1.79	—	11208	.92	—	13205	.31	.42	15062	.153	(a)
10204	.181	—	11209	4.33	—	13206	(a)	(a)	15063	.178	(a)

DIVISION SIX

PREM/OPS TERR. 503

GENERAL LIABILITY

PROD/COPS

LOSS COST PAGES

\$100,000/200,000 BASIC LIMIT OCCURRENCE Premises/Operations (Prem/Ops) (Subline Code 334) Territory 503 Products/Completed Operations (Prod/Cops) (Subline Code 336) Entire State Territory 999											
Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops
15070	.083	—	16750	.084	.034	18707	.011	.005	40117	(a)	—
15119	(a)	—	16751	.084	—	18708	.092	.035	40140	(a)	—
15120	(a)	—	16819	.92	(a)	18833	.128	(a)	41001	.206	—
15123	4.08	—	16820	.71	(a)	18834	.24	.144	41210	(a)	—
15124	1.43	—	16881	1.32	(a)	18911	.76	.027	41421	.70	—
15188	.27	(a)	16890	.108	(a)	18912	1.42	.051	41422	.38	—
15223	.047	.044	16891	.118	(a)	18920	.37	.026	41510	38.00	—
15224	.60	.068	16892	.214	(a)	18991	(a)	—	41603	33.30	—
15300	(a)	—	16900	1.38	.108	19007	1.59	—	41604	18.30	—
15314	.172	(a)	16901	.89	.139	19051	3.53	—	41620	.77	—
15404	.07	(a)	16902	.75	.058	19061	(a)	—	41650	46.90	—
15405	.102	(a)	16905	1.45	.108	19795	.248	(a)	41664	26.10	—
15406	.26	.053	16906	.93	.139	19796	.29	—	41665	3.06	—
15488	.65	(a)	16910	.83	.058	40005	(a)	—	41666	(a)	—
15538	.31	.025	16911	.75	.07	40006	(a)	—	41667	71.40	—
15600	.77	.143	16915	.85	.043	40010	(a)	—	41668	66.90	—
15607	.108	—	16916	.71	.079	40015	(a)	—	41669	.47	—
15608	.172	.016	16920	1.89	.129	40020	(a)	—	41670	.79	—
15656	5.09	—	16921	1.72	.046	40026	(a)	—	41672	(a)	—
15699	.27	—	16930	1.08	.168	40031	(a)	—	41673	(a)	—
15733	.17	.034	16931	1.17	.08	40032	(a)	—	41675	(a)	—
15839	.231	.038	16940	2.35	.047	40040	(a)	—	41677	.159	—
15991	.189	.096	16941	.94	.078	40041	(a)	—	41678	56.20	—
15993	.16	.057	18078	.13	.182	40042	(a)	—	41679	(a)	(a)
16005	.038	.031	18109	.32	.045	40045	172.00	—	41680	24.40	—
16009	.209	.106	18110	.25	.054	40046	34.10	—	41696	.50	—
16402	1.14	—	18200	(a)	—	40047	12.20	—	41697	.35	—
16403	.72	.228	18205	.20	.38	40059	4.35	—	41700	(a)	—
16404	.91	—	18206	.41	.165	40061	2.31	—	41715	15.50	—
16471	.152	—	18335	.29	.022	40063	77.20	—	41716	9.86	—
16501	.08	(a)	18435	1.16	.07	40064	22.70	—	43007	(a)	—
16527	.123	.32	18436	.94	.125	40066	(a)	—	43117	(a)	—
16588	.097	(a)	18437	.42	(a)	40067	(a)	—	43151	26.80	—
16604	.162	.122	18438	.81	(a)	40069	(a)	—	43152	16.80	—
16670	3.11	—	18501	1.07	.014	40072	(a)	—	43200	102.00	—
16676	.24	.02	18506	.34	.009	40075	53.80	—	43215	(a)	—
16694	.32	(a)	18507	.151	.012	40101	30.20	—	43421	27.90	—
16705	.228	.131	18570	1.58	—	40102	26.70	—	43422	147.00	—
16722	(a)	—	18575	(a)	(a)	40111	6.11	—	43424	(a)	—
16723	(a)	—	18616	.26	.59	40115	(a)	—	43470	2.92	—

\$100,000/200,000 BASIC LIMIT OCCURRENCE Premises/Operations (Prem/Ops) (Subline Code 334) Territory 503 Products/Completed Operations (Prod/Cops) (Subline Code 336) Entire State Territory 999											
Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops
43517	(a)	—	44277	88.70	—	46004	44.60	—	47471	6.10	—
43518	11.20	—	44280	.159	—	46005	35.70	—	47473	7.98	—
43550	99.60	—	44311	5.78	—	46112	.119	—	47474	8.92	—
43551	55.30	—	44315	3.88	—	46202	9.23	—	47475	7.04	—
43626	8.95	—	44427	109.00	—	46362	196.00	—	47476	7.04	—
43628	116.00	—	44428	110.00	—	46426	28.60	—	47477	9.39	—
43629	98.50	—	44429	1.65	—	46427	38.20	—	47478	9.86	—
43754	(a)	—	44430	1.14	—	46510	(a)	—	47600	(a)	—
43760	3.28	—	44431	3.66	—	46590	(a)	—	47610	(a)	—
43822	2.32	—	44432	1.16	—	46603	2.40	—	48039	72.30	—
43840	.029	—	44433	36.90	—	46604	2.77	—	48177	(a)	—
43860	1.83	—	44434	70.60	—	46606	7.39	—	48178	(a)	—
43889	.65	—	44435	73.10	—	46607	10.20	—	48206	23.70	—
43945	(a)	—	44436	85.40	—	46622	6.79	—	48252	(a)	—
43946	(a)	—	44437	70.80	—	46671	(a)	—	48441	.099	—
43990	(a)	(a)	44438	56.00	—	46700	205.00	—	48557	9.94	—
43991	(a)	—	44439	109.00	—	46773	(a)	—	48558	8.65	—
44009	4.97	—	44440	90.10	—	46822	(a)	—	48600	57.30	—
44010	(a)	(a)	44500	(a)	—	46881	(a)	—	48610	(a)	—
44069	9.56	—	44501	(a)	—	46882	(a)	—	48636	1.54	(a)
44070	2.83	—	45190	7.27	—	46911	17.70	—	48637	7.60	—
44071	3.15	—	45191	5.16	—	46912	32.40	—	48638	3.77	—
44072	2.18	—	45192	6.03	—	46913	(a)	—	48727	(a)	—
44100	2.33	—	45193	3.56	—	46914	(a)	—	48808	1.30	—
44101	2.43	—	45210	4.51	—	46915	(a)	—	48924	(a)	—
44102	1.90	—	45224	(a)	—	46916	(a)	—	48925	182.00	—
44103	1.68	—	45225	(a)	—	47050	.64	—	49005	.108	—
44104	.71	—	45334	58.70	—	47051	(a)	—	49111	1.99	—
44105	(a)	—	45380	.199	(a)	47052	(a)	—	49181	23.60	—
44106	(a)	—	45450	17.30	—	47103	(a)	—	49183	28.80	—
44108	.83	—	45523	(a)	—	47146	(a)	—	49184	60.70	—
44109	2.09	—	45524	(a)	—	47147	(a)	—	49185	55.30	—
44110	2.14	—	45539	(a)	—	47221	225.00	—	49239	.149	.46
44111	1.31	—	45678	.171	—	47253	(a)	—	49292	1.73	—
44112	.78	—	45771	.30	.139	47254	(a)	—	49305	(a)	—
44113	(a)	—	45819	.099	.079	47318	7.28	—	49333	12.70	—
44193	(a)	—	45900	.088	.043	47367	.159	—	49451	(a)	—
44194	(a)	—	45901	.076	.045	47420	1.59	—	49452	(a)	—
44222	(a)	—	45937	.23	—	47468	(a)	—	49617	.34	.27
44276	137.00	—	45993	(a)	(a)	47469	7.04	—	49618	.28	.088

DIVISION SIX

PREM/OPS TERR. 503

GENERAL LIABILITY

PROD/COPS

LOSS COST PAGES

\$100,000/200,000 BASIC LIMIT OCCURRENCE											
Premises/Operations (Prem/Ops) (Subline Code 334) Territory 503											
Products/Completed Operations (Prod/Cops)						(Subline Code 336) Entire State Territory 999					
Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops
49619	.53	.15	51315	.097	.096	51809	.33	.146	52341	.044	(a)
49763	3.44	—	51330	.094	.66	51833	.086	.054	52342	.128	(a)
49800	(a)	—	51333	.031	.32	51850	.227	(a)	52343	.078	(a)
49801	198.00	—	51340	.032	(a)	51851	.154	(a)	52401	.24	(a)
49802	17.60	—	51350	.133	.127	51852	.36	(a)	52402	.018	(a)
49803	31.10	—	51351	.119	.049	51853	.145	(a)	52432	.089	(a)
49840	.65	—	51352	.163	.101	51854	.33	(a)	52433	.081	.80
49870	76.00	—	51355	.111	.091	51855	.34	(a)	52435	.102	(a)
49890	(a)	—	51356	.12	.56	51856	.188	(a)	52438	.074	(a)
49891	(a)	—	51357	.137	.76	51857	.32	(a)	52440	.115	(a)
49902	(a)	—	51358	.33	.129	51869	.088	.136	52467	.107	(a)
49903	(a)	—	51359	.29	.71	51877	.50	.191	52469	.037	.096
50010	.192	.38	51370	.38	3.83	51889	.082	.011	52505	.186	.237
50015	.125	(a)	51380	.038	.041	51896	.038	.017	52547	.208	.07
50017	.095	(a)	51400	.22	(a)	51900	.064	.10	52581	.91	2.19
50045	.217	(a)	51401	.32	(a)	51909	.205	.053	52619	.064	(a)
50047	.024	(a)	51500	.073	.116	51919	.082	(a)	52660	.057	—
51001	.053	.42	51516	.048	—	51926	.084	.044	52744	.33	.066
51005	.011	(a)	51517	.054	—	51927	.045	.132	52767	.191	(a)
51116	.133	.69	51550	.09	.40	51934	.092	.107	52876	(a)	(a)
51201	.033	(a)	51551	.031	.89	51941	.083	.041	52911	.051	.42
51205	.10	.059	51552	.054	.152	51942	.133	—	52967	.019	.058
51206	.016	.32	51553	.096	(a)	51956	.36	.205	53001	.186	.30
51210	.092	(a)	51554	.009	(a)	51957	.32	.46	53077	.09	.219
51211	(a)	(a)	51575	.036	.021	51958	.28	.37	53095	.061	(a)
51220	.32	1.90	51576	.173	.097	51959	.29	(a)	53096	.085	(a)
51221	.176	1.76	51600	.118	.172	51960	.038	.33	53121	.243	.40
51222	.214	4.53	51613	.078	.139	51970	.166	.177	53147	.032	(a)
51224	.224	1.49	51625	.048	(a)	51982	.049	.077	53229	.18	(a)
51230	.038	.74	51666	.056	.089	51985	.044	—	53271	.046	(a)
51240	.39	.196	51702	.145	(a)	51986	.192	.096	53333	.177	.248
51241	1.17	.218	51703	.06	(a)	51999	.081	.40	53374	.087	.26
51250	.243	(a)	51734	.113	.35	52002	.071	.114	53375	.046	.27
51251	.034	(a)	51741	.205	.243	52075	.179	.222	53376	.074	.183
51252	.119	.074	51752	.173	.15	52076	.215	(a)	53377	.076	.188
51253	.101	(a)	51767	.017	.007	52109	.018	(a)	53403	.048	(a)
51254	.032	.032	51777	.057	.077	52134	.237	.60	53425	.167	(a)
51255	.62	(a)	51790	.096	(a)	52137	.07	(a)	53565	.056	.096
51300	.079	.147	51796	.075	(a)	52150	.44	(a)	53631	.028	.021
51305	.079	.88	51808	.27	.68	52315	.075	.27	53632	.032	.032

\$100,000/200,000 BASIC LIMIT OCCURRENCE Premises/Operations (Prem/Ops) (Subline Code 334) Territory 503 Products/Completed Operations (Prod/Cops) (Subline Code 336) Entire State Territory 999											
Class Code	Prem/Ops	Prod/Cops	Class Code	Prem/Ops	Prod/Cops	Class Code	Prem/Ops	Prod/Cops	Class Code	Prem/Ops	Prod/Cops
53731	.03	(a)	56170	.164	(a)	57401	.059	.089	58503	.071	.077
53732	.203	.47	56171	.081	(a)	57403	.117	.033	58532	.091	(a)
53733	.132	.228	56202	.068	.078	57410	.029	.173	58559	.019	(a)
53734	.29	—	56390	.118	.70	57411	.041	(a)	58560	.045	(a)
53803	.40	(a)	56391	.102	.30	57572	.017	.099	58561	(a)	(a)
53901	(a)	(a)	56427	.164	.119	57600	.05	.033	58575	.058	.111
53902	(a)	(a)	56488	.096	.038	57611	.088	.055	58627	.186	.012
53903	(a)	(a)	56567	.17	(a)	57625	.44	(a)	58663	.38	.95
53904	(a)	(a)	56650	.52	(a)	57651	.053	.039	58682	.165	(a)
53905	(a)	(a)	56651	.28	(a)	57690	.114	.45	58713	.036	(a)
53907	.089	.086	56652	.202	(a)	57716	.054	.074	58737	.12	.55
53951	(a)	(a)	56653	.195	(a)	57725	.119	.075	58756	.07	(a)
53952	(a)	(a)	56654	.10	(a)	57726	.092	.023	58757	.40	(a)
53953	(a)	(a)	56690	.05	.33	57798	.027	(a)	58759	.05	(a)
54012	.029	—	56699	.075	.067	57800	.101	(a)	58802	.057	.48
54077	.122	.39	56758	.064	.14	57808	.045	(a)	58813	.173	(a)
54444	(a)	(a)	56759	.066	.078	57809	.047	(a)	58822	.156	(a)
55010	.37	.98	56760	.094	.099	57810	.045	.10	58837	.35	.161
55011	.099	1.75	56805	.124	(a)	57871	.054	.111	58840	.104	.121
55012	.118	1.11	56806	.088	(a)	57913	.131	.26	58873	.166	.027
55013	.151	1.12	56807	.087	(a)	57997	.064	—	58903	.036	(a)
55014	(a)	(a)	56808	.114	(a)	57998	.058	.054	58904	.027	.12
55214	.096	.083	56900	.109	(a)	57999	.075	.07	58922	.28	.179
55371	.222	.108	56910	.054	(a)	58009	.075	(a)	59005	.068	.089
55410	(a)	(a)	56911	.147	(a)	58010	.134	(a)	59057	.50	(a)
55426	.183	(a)	56912	.119	.084	58020	.126	(a)	59058	.32	(a)
55597	.024	1.68	56913	.097	(a)	58056	.16	(a)	59188	.25	.052
55647	.048	.065	56915	.57	(a)	58057	.101	(a)	59189	.34	.28
55648	.022	(a)	56916	.52	.215	58058	.091	(a)	59223	.171	.103
55649	.026	(a)	56917	.149	(a)	58095	.128	1.79	59257	.018	.012
55715	.19	.203	56918	.072	(a)	58096	.169	1.49	59306	.115	(a)
55716	.28	.49	56919	.183	(a)	58301	.057	.077	59378	.111	.141
55717	.242	(a)	56920	.167	(a)	58302	.046	.051	59481	.31	.096
55718	.235	(a)	56980	.094	(a)	58397	.27	.65	59482	.26	(a)
55802	.057	.011	57001	.032	.031	58408	.037	—	59537	.12	.232
55918	.109	2.26	57002	.021	.096	58409	.048	—	59601	.116	2.23
55919	.015	3.42	57090	.27	.68	58456	.025	—	59647	.116	.158
56040	.01	.03	57146	.17	.75	58457	.037	—	59660	.214	1.06
56041	.068	(a)	57202	.084	(a)	58458	.048	—	59661	.105	(a)
56042	.085	(a)	57257	.104	.034	58459	.057	—	59693	.018	—

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
59695	(a)	(a)	59964	.53	.066	63220	(a)	—	91190	2.20	(a)
59701	.008	.33	59970	.103	.169	64074	51.30	—	91200	.61	—
59713	.191	.33	59973	.146	(a)	64075	36.10	—	91210	(a)	—
59722	.099	.028	59975	.144	.19	64500	(a)	—	91235	2.66	2.63
59723	.037	.034	59977	.082	(a)	65007	30.50	—	91250	4.01	(a)
59724	.057	.015	59984	.04	.049	66122	13.10	—	91265	13.10	2.00
59725	.071	.145	59985	.157	(a)	66123	7.21	—	91266	6.96	1.01
59726	.052	.023	59986	.12	(a)	66309	21.10	—	91280	(a)	3.28
59738	.165	.059	59988	.037	.055	66561	48.80	—	91302	10.70	(a)
59750	.089	.181	59989	.021	.041	67017	45.30	—	91315	3.26	—
59751	.032	(a)	60010	17.80	—	67508	56.30	—	91324	7.27	(a)
59773	.015	.026	60011	20.50	—	67509	41.30	—	91325	(a)	(a)
59774	.012	.141	60012	33.60	—	67510	23.00	—	91340	4.74	6.54
59775	.016	.178	60013	28.80	—	67511	24.90	—	91341	4.68	3.64
59781	.078	.085	60015	21.50	—	67512	107.00	—	91342	4.35	3.52
59782	.116	.56	60016	24.20	—	67513	67.60	—	91343	1.03	1.37
59783	.113	(a)	60035	34.40	—	67634	39.20	—	91405	5.53	—
59784	.086	(a)	61000	17.60	—	67635	27.70	—	91436	5.29	2.11
59790	.128	(a)	61212	17.60	—	68001	84.60	—	91481	19.30	—
59798	.29	.46	61216	19.50	—	68439	109.00	—	91507	2.85	2.72
59806	.211	(a)	61217	17.80	—	68500	3.92	—	91523	43.90	—
59867	.144	(a)	61218	12.10	—	68604	2.03	—	91547	.25	—
59886	.019	.10	61223	86.10	—	68606	7.95	—	91551	1.55	.64
59889	.049	.187	61224	27.50	—	68607	6.28	—	91555	1.60	.99
59892	.113	(a)	61225	38.10	—	68702	5.17	—	91560	3.84	3.42
59904	.076	.076	61226	64.00	—	68703	3.88	—	91562	3.45	—
59905	.09	.12	61227	58.60	—	68706	16.60	—	91577	12.30	3.01
59914	.53	.69	62000	13.30	—	68707	16.40	—	91580	5.07	—
59915	.25	.66	62001	10.50	—	90089	4.48	—	91581	(a)	(a)
59917	.047	.232	62002	4.80	—	91111	3.43	4.96	91582	(a)	(a)
59923	.013	.005	62003	15.20	—	91125	2.70	1.48	91583	(a)	(a)
59925	.30	1.19	63010	32.00	—	91127	2.31	.97	91584	(a)	(a)
59926	.25	.46	63011	40.10	—	91130	1.08	—	91585	(a)	(a)
59927	.17	1.30	63012	57.00	—	91135	.30	(a)	91586	(a)	(a)
59931	.237	.48	63013	53.90	—	91150	2.18	4.65	91587	(a)	(a)
59932	.26	.80	63215	50.10	—	91155	4.84	29.90	91588	(a)	(a)
59941	.08	(a)	63216	34.70	—	91160	1.08	—	91589	(a)	(a)
59947	.076	.30	63217	34.60	—	91175	.93	—	91590	3.58	—
59955	.03	.132	63218	11.70	—	91177	4.08	—	91591	(a)	(a)
59963	.227	.37	63219	(a)	—	91179	4.10	—	91606	10.50	—

\$100,000/200,000 BASIC LIMIT OCCURRENCE Premises/Operations (Prem/Ops) (Subline Code 334) Territory 503 Products/Completed Operations (Prod/Cops) (Subline Code 336) Entire State Territory 999											
Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops
91618	(a)	(a)	95357	1.08	—	97653	3.25	3.07	98426	2.63	(a)
91629	2.15	(a)	95358	(a)	—	97654	5.66	2.66	98427	2.56	—
91636	3.69	—	95410	4.60	2.26	97655	4.03	3.29	98428	(a)	—
91641	1.00	(a)	95455	4.46	1.91	98002	.73	.85	98429	.96	—
91666	.97	(a)	95487	2.46	(a)	98003	1.02	(a)	98430	(a)	—
91722	3.23	(a)	95505	2.08	2.10	98090	.137	—	98449	3.68	17.80
91746	3.45	7.71	95620	2.00	(a)	98091	.148	—	98482	3.95	6.76
91805	.216	—	95625	5.13	3.85	98092	.45	—	98483	5.83	13.60
92053	.53	.72	95630	(a)	(a)	98111	.67	—	98502	5.58	3.62
92054	.183	.235	95647	3.21	10.60	98150	(a)	—	98555	2.60	—
92055	5.11	.179	95648	(a)	(a)	98151	(a)	—	98597	.58	—
92101	7.99	2.86	96053	2.44	3.76	98152	2.46	.86	98598	.20	—
92102	4.81	3.14	96317	1.11	—	98153	2.77	(a)	98601	6.68	(a)
92215	3.81	2.49	96408	3.98	11.20	98154	3.27	(a)	98622	(a)	—
92338	1.85	1.46	96409	3.68	7.97	98155	4.57	(a)	98623	(a)	—
92445	2.11	—	96410	3.23	8.05	98156	(a)	(a)	98624	1.05	—
92446	6.08	1.62	96611	1.09	1.30	98157	2.92	.27	98636	3.27	2.78
92447	5.31	1.48	96702	4.58	(a)	98158	(a)	(a)	98640	115.00	—
92451	2.66	1.96	96703	(a)	—	98159	1.96	(a)	98658	4.73	—
92453	3.36	—	96816	4.30	—	98160	4.15	(a)	98659	.85	.42
92478	1.67	1.53	96872	3.96	(a)	98161	4.65	(a)	98677	18.10	10.80
92593	34.90	—	96930	(a)	—	98162	(a)	(a)	98678	16.10	11.70
92663	.50	—	97002	(a)	(a)	98163	4.88	.172	98698	(a)	(a)
94007	11.40	4.44	97003	(a)	(a)	98164	2.24	.07	98699	5.24	(a)
94099	2.60	—	97047	3.31	—	98257	1.53	—	98705	6.69	—
94225	9.14	—	97050	2.57	—	98303	9.18	5.23	98710	3.65	—
94276	4.76	3.98	97111	5.49	—	98304	5.68	3.08	98751	3.57	—
94304	3.40	(a)	97220	.29	(a)	98305	2.65	1.65	98805	4.76	1.38
94381	6.38	11.10	97221	(a)	1.14	98306	6.83	.82	98806	3.04	3.11
94404	4.51	4.60	97222	1.76	1.63	98307	1.80	.46	98810	3.74	—
94444	(a)	(a)	97223	2.66	4.29	98308	1.18	1.22	98813	3.61	1.76
94569	3.05	3.85	97308	.54	—	98309	4.61	2.37	98820	9.09	2.95
94590	13.10	—	97447	1.77	5.62	98344	.74	.64	98871	(a)	(a)
94617	4.15	—	97501	(a)	—	98405	1.22	—	98884	2.36	1.82
94638	(a)	—	97502	(a)	—	98413	15.00	(a)	98914	.58	.55
95124	1.53	1.21	97503	(a)	—	98414	13.70	(a)	98949	.81	.26
95233	3.28	—	97504	(a)	—	98415	1.80	(a)	98967	3.71	10.30
95305	3.56	—	97650	3.80	3.17	98423	4.28	(a)	98993	6.25	3.48
95306	4.23	—	97651	5.23	4.23	98424	7.26	(a)	99003	1.76	1.43
95310	8.51	1.23	97652	4.53	4.75	98425	2.98	(a)	99004	3.00	1.63

\$100,000/200,000 BASIC LIMIT OCCURRENCE Premises/Operations (Prem/Ops) (Subline Code 334) Territory 503 Products/Completed Operations (Prod/Cops) (Subline Code 336) Entire State Territory 999											
Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops
99080	1.25	6.90	99826	.74	.62						
99081	(a)	—	99827	.45	.58						
99082	(a)	—	99851	1.83	—						
99083	(a)	—	99917	2.96	—						
99084	(a)	(a)	99938	3.33	—						
99085	(a)	(a)	99943	9.66	—						
99111	1.81	—	99946	7.19	2.89						
99160	(a)	—	99948	7.53	21.20						
99163	4.33	.37	99952	5.48	18.60						
99165	.95	(a)	99953	5.92	10.40						
99220	1.27	(a)	99954	4.31	8.09						
99221	(a)	(a)	99955	5.40	6.75						
99222	2.38	(a)	99963	.72	—						
99223	.27	(a)	99969	2.31	4.17						
99303	14.50	—	99975	4.79	—						
99310	3.63	(a)	99986	(a)	—						
99315	10.70	2.07	99987	(a)	—						
99321	10.40	2.04	99988	2.04	—						
99445	(a)	(a)									
99471	.58	—									
99505	5.29	—									
99506	6.51	—									
99507	5.67	—									
99570	3.04	(a)									
99571	.74	(a)									
99572	1.44	(a)									
99573	1.38	(a)									
99600	1.31	—									
99613	9.17	1.97									
99614	2.92	—									
99620	.50	—									
99650	1.44	.97									
99709	3.56	(a)									
99718	1.47	—									
99746	2.48	3.15									
99760	.28	—									
99777	6.48	—									
99793	3.15	—									
99798	(a)	(a)									
99803	(a)	10.00									