

LOSS COSTS – IMPLEMENTATION

JULY 9, 2021

GENERAL LIABILITY

LI-GL-2021-200

OREGON GENERAL LIABILITY ADVISORY PROSPECTIVE LOSS COST REVISION TO BE IMPLEMENTED

KEY MESSAGE

Revised overall prospective loss costs for +3.9% to be implemented.

UPGRADE TO WORD AND EXCEL DOCUMENTS

As previously noted, ISO is implementing changes to our authoring and delivery systems so that **newly created** documents will be delivered in Office 365 .docx/.xlsx format to be phased in by product/service tentatively beginning in second quarter 2021. We are pleased to announce that you will soon be receiving **form** documents in .docx format delivered/accessed via Circulars, CLM, EFD, ERC, Filings, FIRST, Forms Library, PRM and Suite +. Changes continue for other document types to be phased in by product/service. Products impacted include, but are not limited to, documents delivered/accessed via Circulars, CLM, EFD, ERC, Filings, FIRST, Forms Library (including PolicyWriting Support Forms Instructional Supplement), PRM, Statistical Plans and Suite +.

BACKGROUND

In circular [LI-GL-2021-198](#), we provided you with information about the General Liability loss cost level experience review.

CONSIDERATION OF COVID-19

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

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

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

ISO ACTION

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

SUPPLEMENTARY INFORMATION

We are including the following supplementary information:

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

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

EFFECTIVE DATE

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

These changes are applicable to all policies written on or after December 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 December 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.

In all correspondence with the Insurance Department on this revision, you should refer to ISO Reference 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-2021-004](#) contains the ISO Guide To Renewals With Changed Conditions For Commercial Lines, which is available only as a guide to assist participating companies in complying with various conditional renewal statutes or regulations, for the major commercial lines of insurance serviced by ISO. The information in the Guide does not necessarily reflect all requirements or exceptions that may apply, and it is not intended as a substitute for your review of all applicable statutes and regulations concerning policyholder notification.

REVISION DISTRIBUTION

We will issue a Notice to Manualholders with an edition date of 12-21 (or the earliest possible subsequent date), along with any new and/or revised manual pages.

RELATED RULES REVISION

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

REFERENCE(S)

- [LI-GL-2021-201](#) (07/09/2021) Oregon General Liability Rule 24. Revision To Be Implemented
- [LI-GL-2021-198](#) (06/09/2021) General Liability Basic Limit Experience For 2021 Group 3 Jurisdictions Reviewed By Staff
- [LI-CL-2021-004](#) (02/17/2021) Revised Lead Time Requirements Listing

ATTACHMENT(S)

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

FILES AVAILABLE FOR DOWNLOAD

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

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

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DATA QUALITY

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

ACKNOWLEDGMENT OF ACTUARIAL QUALIFICATIONS

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

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

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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.

OREGON 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 +3.9% 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 GL-2020-BGL1, loss costs for nine classification were adjusted due to the anticipation of long-term behavioral, social and economic changes as a result of COVID-19. The expectation, based on the information currently available, was that those changes would have a material impact on prospective loss costs for certain risks. To reflect these changes, judgmentally selected adjustment factors were applied to the loss costs for those nine classes. These OL&T class specific COVID-19 adjustments are still being reflected in the loss costs within this document. Refer to Section H for details.

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

Also, an adjustment factor was applied to the premium development factors for the latest accident year to reflect the reduced expected exposures for M&C due to COVID-19 and the economic recession in 2020. This factor was determined by an analysis of historical experience and actuarial judgment. Refer to Section 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>
M&C	+ 2.2%	+ 2.2%
OL&T	+ 0.7%	+ 0.7%
Premises/Operations	+ 1.5%	+ 1.5%
Products	- 4.9%	- 4.9%
Local Products/Completed Operations	+11.8%	+11.8%
Products/Completed Operations	+ 8.9%	+ 8.9%
GL Overall	+ 3.9%	+ 3.9%

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

INDICATED
VS. SELECTED

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

CAPPING

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

PRIOR ISO
REVISIONS

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

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

This filing reflects revisions being made to Rule 24 in the companion rule filing GL-2021-RBOP. In determining the exposure amounts for payroll-based risks, the payroll amounts to be used for executive officers, individual insureds and co-partners are subject to Rule 24.E.2.m. In the companion rule filing the current payroll amounts are being increased by 25% relative to the current amounts for this state. An offset of 0.993 has been applied to the loss costs for payroll-based classes to introduce the change on a revenue neutral basis.

INTRODUCTION
OF CANNABIS
CLASSIFICATION
CODES TO THE
STATE LOSS
COST PAGES

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

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

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

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

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

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

HISTORICAL
SOURCE DATA

The data used in this document is:

- ISO reporting companies' voluntary experience.
- Fiscal-accident year data through year ended 6/30/2020 for Premises/Operations.
- Calendar-accident year data through year ended 12/31/2019 for Products/Completed Operations.

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

ADJUSTMENTS
TO
REPORTED
EXPERIENCE

The period of use for this revision is anticipated to begin on 12/1/2021. 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 6/30/2020 were used in selecting annual trend factors. For Products/Completed Operations, occurrence cost data and occurrence frequency data through 12/31/2019 were used.

ADJUSTMENTS
TO
REPORTED
EXPERIENCE
(Cont'd)

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

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

In this review, multistate 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

<u>OTHER LIABILITY (ASLOB 17.0)</u>		<u>PRODUCTS LIABILITY (ASLOB 18.0)</u>	
1	Liberty Mutual Insurance Co.	1	Chubb Group of Insurance Cos.
2	Chubb Group of Insurance Cos.	2	Zurich American Insurance Co.
3	Travelers Indemnity Co.	3	Fireman's Fund Insurance Co.
4	Continental Casualty Co.	4	Travelers Indemnity Co.
5	Cincinnati Insurance Co.	5	Selective Insurance Group
6	Tokio Marine Cos.	6	Cincinnati Insurance Co.
7	Zurich American Insurance Co.	7	Liberty Mutual Insurance Co.
8	Great American Insurance Co.	8	United Fire & Casualty Co.
9	Nationwide Mutual Insurance Co.	9	Continental Casualty Co.
10	XL Specialty Insurance 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)	35.3%
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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OREGON
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		+ 7.8%	+ 5.0%	+ 5.0%
OL&T		+ 8.6%	+ 7.5%	+ 7.5%
Prem/Ops Combined		+ 8.2%	+ 6.2%	+ 6.2%
Products		- 1.6%	- 1.6%	- 1.6%
Local Products/Completed Ops		+12.7%	+12.7%	+12.7%
Products/Completed Ops Combined		+10.4%	+10.4%	+10.4%
General Liability Overall	12/1/2020	+ 8.9%	+ 7.5%	+ 7.5%

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		- 7.6%	- 7.6%	- 7.6%
OL&T		+10.2%	+10.2%	+10.2%
Prem/Ops Combined		+ 0.5%	+ 0.5%	+ 0.5%
Products		-10.9%	-10.9%	-10.9%
Local Products/Completed Ops		- 2.2%	- 2.2%	- 2.2%
Products/Completed Ops Combined		- 4.1%	- 4.1%	- 4.1%
General Liability Overall	12/1/2019	- 1.0%	- 1.0%	- 1.0%

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		-10.8%	- 5.0%	- 5.0%
OL&T		+ 4.6%	0.0%	0.0%
Prem/Ops Combined		- 3.8%	- 2.7%	- 2.7%
Products		- 8.2%	- 8.2%	- 8.2%
Local Products/Completed Ops		-16.6%	-16.6%	-16.6%
Products/Completed Ops Combined		-14.7%	-14.7%	-14.7%
General Liability Overall	12/1/2018	- 7.7%	- 7.0%	- 7.0%

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PREMISES/OPERATIONS AND PRODUCTS/COMPLETED OPERATIONS
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**GENERAL LIABILITY OTHER THAN PROFESSIONAL
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OREGON

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)	+ 6.6%	+ 4.5%	+ 5.6%				
Statewide Indicated Monoline Loss Cost Level Change (See Section C)	+ 2.2%	+ 0.7%	+ 1.5%	- 4.9%*	+ 11.8%**	+ 8.9%	+ 3.9%
Statewide Selected Monoline Loss Cost Level Change (See Section C)	+ 2.2%	+ 0.7%	+ 1.5%	- 4.9%*	+ 11.8%	+ 8.9%	+ 3.9%

* 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.

OREGON

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>LOSS COST LEVEL CHANGE AFTER CAPPING</u>
501	Portland	\$ 3,864,564	- 1.7%	- 1.6%
502	Remainder of State	8,744,265	+ 1.7%	+ 1.7%
	STATEWIDE TOTAL	\$ 12,608,829	+ 0.7%	+ 0.7%

OREGON

PREMISES/OPERATIONS
CLASS GROUP LOSS COST LEVEL CHANGES

MANUFACTURERS AND CONTRACTORS LIABILITY INSURANCE

<u>CLASS GROUP</u>	<u>DESCRIPTION</u>	LATEST YEAR MONO/MULTI <u>ALCCL</u>	INDICATED LOSS COST LEVEL CHANGE <u>BEFORE CAPPING</u>	LOSS COST LEVEL CHANGE <u>AFTER CAPPING</u>
30	SERVICE	\$ 900,463	+ 1.7%	+ 0.4%
31	LIGHT CONTRACTING	1,204,069	+ 8.8%	+ 7.5%
32	MEDIUM CONTRACTING	5,461,542	+ 3.7%	+ 2.6%
33	HEAVY CONTRACTING	1,007,658	+ 0.9%	- 0.3%
34	DEALERS OR DISTRIBUTORS	1,327,914	- 2.3%	- 0.1%
35	LIGHT MANUFACTURERS	282,398	+ 2.4%	+ 4.2%
36	MEDIUM MANUFACTURERS	961,858	- 1.0%	+ 1.5%
37	HEAVY MANUFACTURERS	731,986	- 1.5%	+ 0.4%
38	MISCELLANEOUS OPERATIONS	908,145	+ 0.1%	+ 1.9%
	TOTAL	\$ 12,786,033	+ 2.2%	+ 2.2%

OWNERS, LANDLORDS AND TENANTS LIABILITY INSURANCE

<u>CLASS GROUP</u>	<u>DESCRIPTION</u>	LATEST YEAR MONO/MULTI <u>ALCCL</u>	INDICATED LOSS COST LEVEL CHANGE <u>BEFORE CAPPING</u>	LOSS COST LEVEL CHANGE <u>AFTER CAPPING</u>
01	FOOD AND BEVERAGE (RETAIL)	\$ 602,243	- 2.0%	- 2.3%
02	RESTAURANTS	2,001,698	- 1.5%	- 1.5%
03	STORES	761,817	- 1.9%	- 1.6%
04	VENDING AND RENTAL	51,137	- 2.3%	- 2.4%
05	FOOD AND BEVERAGE DISTRIBUTORS	159,508	+ 0.5%	+ 0.4%
06	NON-(FOOD AND BEVERAGE) DISTRIB.	325,985	+ 2.4%	+ 2.0%
07	CLUBS, AMUSEMENTS AND SPORTS	1,270,082	+ 1.3%	+ 1.9%
08	HEALTH CARE FACILITIES	95,200	+ 0.9%	+ 1.6%
09	HOTELS AND MOTELS	1,864,825	+ 3.3%	+ 3.9%
10	SCHOOLS AND CHURCHES	612,330	+ 4.2%	+ 4.3%
11	APARTMENTS	1,181,745	+ 1.0%	+ 0.5%
12	BUILDINGS AND OFFICES	3,487,752	+ 0.5%	+ 0.2%
13	MISCELLANEOUS PREMISES	193,093	+ 0.6%	+ 0.7%
16	GOVERNMENTAL SUBDIVISIONS	1,414	- 1.6%	- 3.7%
	TOTAL	\$ 12,608,829	+ 0.7%	+ 0.7%

OREGON

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%	\$ 763,568	- 2.8%	- 2.8%
04	DEALERS OR DISTRIBUTORS-NOT FOOD OR DRUG	39,017,316	- 8.3%	546,855	- 7.1%	- 7.1%
05	MANUFACTURERS-NOT FOOD OR DRUG-LOW	4,813,738	- 2.6%	51,327	- 4.4%	- 4.4%
06	MANUFACTURERS-NOT FOOD OR DRUG-MEDIUM	35,560,474	- 5.2%	734,613	- 5.1%	- 5.1%
07	MANUFACTURERS-NOT FOOD OR DRUG-HIGH	8,547,659	- 6.0%	64,036	- 7.1%	- 7.1%
	PRODUCTS SUBTOTAL	\$ 118,826,312	- 6.1%	\$ 2,160,399	- 4.9%	- 4.9%
01	RETAIL STORES-FOOD OR DRUG			\$ 261,837	- 2.8%	- 2.8%
02	RETAIL STORES-NOT FOOD OR DRUG			580,956	+ 9.8%	+ 9.3%
11	COMPLETED OPERATIONS-LOW			489,158	+ 16.8%	+ 16.7%
12	COMPLETED OPERATIONS-MEDIUM			8,472,602	+ 12.4%	+ 12.4%
13	COMPLETED OPERATIONS-HIGH			430,021	+ 6.7%	+ 6.7%
	LOCAL PRODUCTS/COMPLETED OPERATIONS SUBTOTAL			\$ 10,234,574	+ 11.8%	+ 11.8%
	TOTAL			\$ 12,394,973	+ 8.9%	+ 8.9%

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

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

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

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

The 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.

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

- 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.

STATE: 36 - OREGON
 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	0.116	0.116	0.0	10072	502	3.480	3.410	2.1	10145	501	0.310	0.320	-3.1
10010	502	0.141	0.137	2.9	10073	501	1.010	1.010	0.0	10145	502	0.330	0.330	0.0
10011	501	0.028	0.028	0.0	10073	502	0.950	0.950	0.0	10146	501	0.206	0.214	-3.7
10011	502	0.034	0.033	3.0	10075	501	7.460	7.470	-0.1	10146	502	0.250	0.250	0.0
10012	501	0.032	0.032	0.0	10075	502	7.060	7.070	-0.1	10150	501	0.360	0.380	-5.3
10012	502	0.039	0.038	2.6	10100	501	0.460	0.480	-4.2	10150	502	0.570	0.570	0.0
10015	501	5.690	5.740	-0.9	10100	502	0.560	0.570	-1.8	10151	501	9.160	9.530	-3.9
10015	502	5.140	5.030	2.2	10101	501	0.176	0.183	-3.8	10151	502	14.200	14.300	-0.7
10025	501	0.028	0.028	0.0	10101	502	0.270	0.280	-3.6	10160	501	1.630	1.700	-4.1
10025	502	0.034	0.033	3.0	10105	501	1.910	1.980	-3.5	10160	502	2.530	2.550	-0.8
10026	501	0.470	0.490	-4.1	10105	502	2.960	2.980	-0.7	10204	501	0.165	0.171	-3.5
10026	502	0.740	0.740	0.0	10107	501	3.070	3.080	-0.3	10204	502	0.260	0.260	0.0
10027	501	0.028	0.028	0.0	10107	502	2.910	2.910	0.0	10205	501	0.184	0.191	-3.7
10027	502	0.034	0.033	3.0	10110	501	19.400	19.500	-0.5	10205	502	0.290	0.290	0.0
10036	501	0.650	0.650	0.0	10110	502	17.500	17.100	2.3	10210	501	0.290	0.310	-6.5
10036	502	0.610	0.610	0.0	10111	501	0.146	0.146	0.0	10210	502	0.460	0.460	0.0
10040	501	0.088	0.089	-1.1	10111	502	0.177	0.172	2.9	10211	501	0.290	0.310	-6.5
10040	502	0.108	0.104	3.8	10113	501	0.260	0.270	-3.7	10211	502	0.460	0.460	0.0
10042	501	0.270	0.280	-3.6	10113	502	0.410	0.410	0.0	10220	501	3.460	3.600	-3.9
10042	502	0.420	0.430	-2.3	10115	501	0.520	0.550	-5.5	10220	502	5.380	5.420	-0.7
10052	501	3.940	3.970	-0.8	10115	502	0.820	0.820	0.0	10255	501	0.239	0.240	-0.4
10052	502	3.560	3.480	2.3	10117	501	5.650	5.700	-0.9	10255	502	0.227	0.227	0.0
10054	501	3.490	3.520	-0.9	10117	502	5.110	4.990	2.4	10256	501	0.880	0.880	0.0
10054	502	3.160	3.090	2.3	10120	501	12.700	12.800	-0.8	10256	502	0.830	0.830	0.0
10060	501	0.130	0.135	-3.7	10120	502	11.500	11.200	2.7	10257	501	0.165	0.165	0.0
10060	502	0.202	0.204	-1.0	10130	501	2.600	2.710	-4.1	10257	502	0.156	0.157	-0.6
10065	501	0.195	0.203	-3.9	10130	502	4.040	4.070	-0.7	10309	501	0.119	0.124	-4.0
10065	502	0.300	0.310	-3.2	10132	501	2.240	2.330	-3.9	10309	502	0.184	0.186	-1.1
10066	501	0.199	0.207	-3.9	10132	502	3.480	3.510	-0.9	10315	501	0.280	0.290	-3.4
10066	502	0.310	0.310	0.0	10133	501	3.390	3.550	-4.5	10315	502	0.430	0.440	-2.3
10070	501	0.067	0.067	0.0	10133	502	2.270	2.300	-1.3	10331	501	7.720	7.780	-0.8
10070	502	0.081	0.079	2.5	10140	501	0.033	0.033	0.0	10331	502	6.970	6.820	2.2
10071	501	0.233	0.243	-4.1	10140	502	0.035	0.034	2.9	10332	501	13.300	13.400	-0.7
10071	502	0.360	0.370	-2.7	10141	501	0.065	0.066	-1.5	10332	502	12.000	11.800	1.7
10072	501	3.530	3.470	1.7	10141	502	0.069	0.068	1.5	10352	501	0.270	0.280	-3.6

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STATE: 36 - OREGON
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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
10352	502	0.330	0.330	0.0	11201	501	11.600	11.400	1.8	11259	502	0.720	0.730	-1.4
10367	501	3.120	3.070	1.6	11201	502	11.400	11.200	1.8	11273	501	10.200	10.700	-4.7
10367	502	3.080	3.020	2.0	11202	501	3.440	3.380	1.8	11273	502	15.900	16.000	-0.6
10368	501	4.560	4.480	1.8	11202	502	3.380	3.320	1.8	11274	501	9.830	10.200	-3.6
10368	502	4.490	4.410	1.8	11203	501	0.860	0.860	0.0	11274	502	15.300	15.400	-0.6
10378	501	7.820	7.880	-0.8	11203	502	1.050	1.020	2.9	11288	501	0.680	0.710	-4.2
10378	502	7.060	6.900	2.3	11204	501	0.230	0.239	-3.8	11288	502	0.830	0.840	-1.2
10379	501	3.630	3.660	-0.8	11204	502	0.360	0.360	0.0	12014	501	0.098	0.098	0.0
10379	502	3.280	3.200	2.5	11206	501	0.540	0.530	1.9	12014	502	0.093	0.093	0.0
10380	501	6.200	6.250	-0.8	11206	502	0.530	0.520	1.9	12356	501	0.870	0.900	-3.3
10380	502	5.600	5.470	2.4	11207	501	6.810	6.690	1.8	12356	502	1.350	1.360	-0.7
10381	501	5.370	5.410	-0.7	11207	502	6.710	6.580	2.0	12361	501	0.071	0.072	-1.4
10381	502	4.850	4.740	2.3	11208	501	1.170	1.150	1.7	12361	502	0.075	0.074	1.4
11007	501	1.330	1.300	2.3	11208	502	1.150	1.130	1.8	12362	501	0.073	0.073	0.0
11007	502	1.310	1.280	2.3	11209	501	5.480	5.380	1.9	12362	502	0.089	0.086	3.5
11020	501	0.222	0.231	-3.9	11209	502	5.400	5.300	1.9	12373	501	0.028	0.028	0.0
11020	502	0.350	0.350	0.0	11210	501	2.330	2.290	1.7	12373	502	0.034	0.033	3.0
11039	501	0.870	0.870	0.0	11210	502	2.300	2.260	1.8	12374	501	0.450	0.470	-4.3
11039	502	0.830	0.830	0.0	11211	501	12.100	11.900	1.7	12374	502	0.700	0.710	-1.4
11052	501	3.520	3.700	-4.9	11211	502	11.900	11.700	1.7	12375	501	0.222	0.231	-3.9
11052	502	2.360	2.390	-1.3	11212	501	1.840	1.800	2.2	12375	502	0.350	0.350	0.0
11126	501	0.046	0.048	-4.2	11212	502	1.810	1.770	2.3	12391	501	0.055	0.055	0.0
11126	502	0.071	0.072	-1.4	11213	501	1.500	1.470	2.0	12391	502	0.067	0.065	3.1
11127	501	0.370	0.370	0.0	11213	502	1.470	1.450	1.4	12393	501	0.290	0.310	-6.5
11127	502	0.450	0.440	2.3	11214	501	3.690	3.620	1.9	12393	502	0.460	0.460	0.0
11128	501	0.500	0.500	0.0	11214	502	3.630	3.560	2.0	12467	501	0.122	0.128	-4.7
11128	502	0.610	0.590	3.4	11222	501	0.062	0.061	1.6	12467	502	0.190	0.192	-1.0
11138	501	1.930	1.950	-1.0	11222	502	0.061	0.060	1.7	12509	501	0.060	0.060	0.0
11138	502	1.740	1.700	2.4	11234	501	0.207	0.215	-3.7	12509	502	0.057	0.057	0.0
11155	501	0.157	0.163	-3.7	11234	502	0.320	0.320	0.0	12510	501	0.760	0.760	0.0
11155	502	0.244	0.246	-0.8	11248	501	0.045	0.046	-2.2	12510	502	0.720	0.720	0.0
11167	501	0.810	0.850	-4.7	11248	502	0.043	0.043	0.0	12583	501	0.340	0.340	0.0
11167	502	0.540	0.550	-1.8	11258	501	0.560	0.580	-3.4	12583	502	0.320	0.320	0.0
11168	501	4.210	4.420	-4.8	11258	502	0.680	0.680	0.0	12651	501	0.980	0.980	0.0
11168	502	2.820	2.850	-1.1	11259	501	0.600	0.620	-3.2	12651	502	0.930	0.930	0.0

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STATE: 36 - OREGON
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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
12683	501	0.450	0.450	0.0	13453	502	0.510	0.510	0.0	14405	501	0.780	0.770	1.3
12683	502	0.430	0.430	0.0	13454	501	0.630	0.630	0.0	14405	502	0.770	0.750	2.7
12707	501	0.480	0.480	0.0	13454	502	0.590	0.590	0.0	14527	501	0.300	0.300	0.0
12707	502	0.580	0.570	1.8	13455	501	0.640	0.640	0.0	14527	502	0.360	0.350	2.9
12797	501	0.101	0.101	0.0	13455	502	0.600	0.600	0.0	14655	501	0.065	0.068	-4.4
12797	502	0.123	0.119	3.4	13506	501	0.670	0.700	-4.3	14655	502	0.101	0.102	-1.0
12805	501	0.237	0.247	-4.0	13506	502	1.050	1.050	0.0	14731	501	3.490	3.670	-4.9
12805	502	0.370	0.370	0.0	13507	501	0.810	0.840	-3.6	14731	502	2.340	2.370	-1.3
12841	501	0.390	0.410	-4.9	13507	502	1.260	1.270	-0.8	14732	501	0.260	0.270	-3.7
12841	502	0.610	0.620	-1.6	13590	501	0.470	0.470	0.0	14732	502	0.173	0.175	-1.1
12927	501	0.069	0.072	-4.2	13590	502	0.450	0.450	0.0	14733	501	0.460	0.470	-2.1
12927	502	0.107	0.108	-0.9	13621	501	0.120	0.120	0.0	14733	502	0.710	0.710	0.0
13049	501	0.037	0.037	0.0	13621	502	0.113	0.113	0.0	14734	501	0.195	0.203	-3.9
13049	502	0.039	0.038	2.6	13670	501	0.040	0.040	0.0	14734	502	0.300	0.310	-3.2
13111	501	0.520	0.540	-3.7	13670	502	0.042	0.041	2.4	14855	501	0.211	0.211	0.0
13111	502	0.630	0.630	0.0	13673	501	0.420	0.440	-4.5	14855	502	0.199	0.200	-0.5
13112	501	0.060	0.061	-1.6	13673	502	0.510	0.520	-1.9	14913	501	0.245	0.260	-5.8
13112	502	0.064	0.063	1.6	13715	501	0.073	0.073	0.0	14913	502	0.380	0.380	0.0
13201	501	0.870	0.870	0.0	13715	502	0.089	0.086	3.5	15062	501	0.189	0.189	0.0
13201	502	0.820	0.820	0.0	13716	501	0.330	0.350	-5.7	15062	502	0.179	0.179	0.0
13204	501	0.980	0.980	0.0	13716	502	0.520	0.520	0.0	15063	501	0.220	0.220	0.0
13204	502	0.930	0.930	0.0	13720	501	0.238	0.247	-3.6	15063	502	0.209	0.209	0.0
13205	501	0.380	0.380	0.0	13720	502	0.290	0.290	0.0	15070	501	0.105	0.103	1.9
13205	502	0.360	0.360	0.0	13759	501	0.130	0.135	-3.7	15070	502	0.103	0.101	2.0
13314	501	0.088	0.092	-4.3	13759	502	0.202	0.204	-1.0	15123	501	3.380	3.550	-4.8
13314	502	0.137	0.138	-0.7	13930	501	0.156	0.156	0.0	15123	502	2.260	2.290	-1.3
13351	501	0.214	0.223	-4.0	13930	502	0.189	0.184	2.7	15124	501	1.180	1.240	-4.8
13351	502	0.330	0.340	-2.9	14068	501	0.029	0.030	-3.3	15124	502	0.790	0.800	-1.2
13352	501	0.218	0.227	-4.0	14068	502	0.045	0.045	0.0	15188	501	0.330	0.330	0.0
13352	502	0.340	0.340	0.0	14101	501	0.340	0.350	-2.9	15188	502	0.320	0.320	0.0
13410	501	1.380	1.380	0.0	14101	502	0.520	0.530	-1.9	15223	501	0.047	0.048	-2.1
13410	502	1.300	1.310	-0.8	14279	501	0.460	0.460	0.0	15223	502	0.050	0.049	2.0
13412	501	0.460	0.460	0.0	14279	502	0.430	0.430	0.0	15224	501	0.250	0.260	-3.8
13412	502	0.440	0.440	0.0	14401	501	0.560	0.580	-3.4	15224	502	0.310	0.310	0.0
13453	501	0.540	0.540	0.0	14401	502	0.680	0.690	-1.4	15314	501	0.157	0.163	-3.7

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STATE: 36 - OREGON
 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
15314	502	0.244	0.246	-0.8	16403	501	0.660	0.690	-4.3	16891	502	0.138	0.138	0.0
15404	501	0.086	0.086	0.0	16403	502	1.020	1.030	-1.0	16892	501	0.270	0.270	0.0
15404	502	0.082	0.082	0.0	16404	501	0.830	0.860	-3.5	16892	502	0.250	0.250	0.0
15405	501	0.127	0.127	0.0	16404	502	1.290	1.300	-0.8	16900	501	2.360	2.450	-3.7
15405	502	0.120	0.120	0.0	16471	501	0.193	0.190	1.6	16900	502	2.110	2.120	-0.5
15406	501	0.320	0.320	0.0	16471	502	0.190	0.187	1.6	16901	501	1.510	1.570	-3.8
15406	502	0.310	0.310	0.0	16501	501	0.082	0.082	0.0	16901	502	1.350	1.360	-0.7
15488	501	0.810	0.810	0.0	16501	502	0.100	0.097	3.1	16902	501	1.280	1.330	-3.8
15488	502	0.760	0.760	0.0	16527	501	0.126	0.126	0.0	16902	502	1.150	1.150	0.0
15538	501	0.280	0.290	-3.4	16527	502	0.153	0.148	3.4	16905	501	2.480	2.580	-3.9
15538	502	0.430	0.440	-2.3	16588	501	0.120	0.120	0.0	16905	502	2.220	2.230	-0.4
15600	501	0.700	0.730	-4.1	16588	502	0.113	0.113	0.0	16906	501	1.590	1.650	-3.6
15600	502	1.090	1.100	-0.9	16604	501	0.201	0.201	0.0	16906	502	1.420	1.420	0.0
15607	501	0.137	0.134	2.2	16604	502	0.190	0.191	-0.5	16910	501	1.420	1.470	-3.4
15607	502	0.135	0.132	2.3	16670	501	3.200	3.230	-0.9	16910	502	1.260	1.270	-0.8
15608	501	0.157	0.163	-3.7	16670	502	2.890	2.830	2.1	16911	501	1.280	1.330	-3.8
15608	502	0.244	0.246	-0.8	16676	501	0.218	0.227	-4.0	16911	502	1.150	1.150	0.0
15656	501	4.630	4.830	-4.1	16676	502	0.340	0.340	0.0	16915	501	1.450	1.510	-4.0
15656	502	7.210	7.260	-0.7	16694	501	0.400	0.400	0.0	16915	502	1.300	1.300	0.0
15699	501	0.340	0.330	3.0	16694	502	0.380	0.380	0.0	16916	501	1.210	1.260	-4.0
15699	502	0.330	0.330	0.0	16705	501	0.233	0.233	0.0	16916	502	1.080	1.090	-0.9
15733	501	0.211	0.211	0.0	16705	502	0.280	0.280	0.0	16920	501	3.220	3.340	-3.6
15733	502	0.199	0.200	-0.5	16750	501	0.077	0.080	-3.7	16920	502	2.870	2.890	-0.7
15839	501	0.211	0.219	-3.7	16750	502	0.119	0.120	-0.8	16921	501	2.940	3.050	-3.6
15839	502	0.330	0.330	0.0	16751	501	0.077	0.080	-3.7	16921	502	2.630	2.640	-0.4
15991	501	0.172	0.179	-3.9	16751	502	0.119	0.120	-0.8	16930	501	1.850	1.920	-3.6
15991	502	0.270	0.270	0.0	16819	501	1.140	1.150	-0.9	16930	502	1.650	1.660	-0.6
15993	501	0.145	0.151	-4.0	16819	502	1.080	1.080	0.0	16931	501	2.000	2.070	-3.4
15993	502	0.226	0.228	-0.9	16820	501	0.890	0.890	0.0	16931	502	1.780	1.790	-0.6
16005	501	0.039	0.039	0.0	16820	502	0.840	0.840	0.0	16940	501	4.020	4.170	-3.6
16005	502	0.047	0.046	2.2	16881	501	1.200	1.250	-4.0	16940	502	3.590	3.610	-0.6
16009	501	0.260	0.260	0.0	16881	502	1.860	1.880	-1.1	16941	501	1.610	1.670	-3.6
16009	502	0.245	0.245	0.0	16890	501	0.134	0.134	0.0	16941	502	1.440	1.440	0.0
16402	501	1.040	1.080	-3.7	16890	502	0.127	0.127	0.0	18078	501	0.132	0.132	0.0
16402	502	1.620	1.630	-0.6	16891	501	0.146	0.146	0.0	18078	502	0.161	0.156	3.2

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LOSS COST % CHANGE BY CLASS

CLASS	TERR	PROPOSED OCCURR	PRESENT OCCURR	% CHG	CLASS	TERR	PROPOSED OCCURR	PRESENT OCCURR	% CHG	CLASS	TERR	PROPOSED OCCURR	PRESENT OCCURR	% CHG
18109	501	0.290	0.300	-3.3	18834	502	0.340	0.340	0.0	40111	501	6.290	6.340	-0.8
18109	502	0.450	0.450	0.0	18911	501	0.690	0.720	-4.2	40111	502	5.680	5.560	2.2
18110	501	0.230	0.239	-3.8	18911	502	1.070	1.080	-0.9	41001	501	0.212	0.214	-0.9
18110	502	0.360	0.360	0.0	18912	501	1.300	1.350	-3.7	41001	502	0.192	0.187	2.7
18205	501	0.204	0.204	0.0	18912	502	2.020	2.030	-0.5	41421	501	0.400	0.390	2.6
18205	502	0.248	0.241	2.9	18920	501	0.340	0.350	-2.9	41421	502	0.320	0.300	6.7
18206	501	0.370	0.390	-5.1	18920	502	0.520	0.530	-1.9	41422	501	0.214	0.210	1.9
18206	502	0.580	0.580	0.0	19007	501	1.320	1.390	-5.0	41422	502	0.170	0.162	4.9
18335	501	0.270	0.280	-3.6	19007	502	0.890	0.900	-1.1	41510	501	34.600	36.100	-4.2
18335	502	0.420	0.420	0.0	19051	501	2.930	3.070	-4.6	41510	502	53.800	54.200	-0.7
18435	501	0.490	0.510	-3.9	19051	502	1.960	1.990	-1.5	41603	501	19.000	18.600	2.2
18435	502	0.590	0.600	-1.7	19795	501	0.226	0.235	-3.8	41603	502	15.100	14.400	4.9
18436	501	0.390	0.410	-4.9	19795	502	0.350	0.350	0.0	41604	501	10.400	10.200	2.0
18436	502	0.480	0.480	0.0	19796	501	0.260	0.270	-3.7	41604	502	8.300	7.900	5.1
18437	501	0.380	0.400	-5.0	19796	502	0.410	0.410	0.0	41620	501	0.970	0.960	1.0
18437	502	0.600	0.600	0.0	40045	501	177.000	179.000	-1.1	41620	502	0.960	0.940	2.1
18438	501	0.730	0.770	-5.2	40045	502	160.000	157.000	1.9	41650	501	26.700	26.200	1.9
18438	502	1.140	1.150	-0.9	40046	501	35.100	35.400	-0.8	41650	502	21.300	20.200	5.4
18501	501	0.450	0.470	-4.3	40046	502	31.700	31.000	2.3	41664	501	26.900	27.100	-0.7
18501	502	0.540	0.550	-1.8	40047	501	12.500	12.600	-0.8	41664	502	24.300	23.700	2.5
18506	501	0.420	0.420	0.0	40047	502	11.300	11.000	2.7	41665	501	3.150	3.170	-0.6
18506	502	0.400	0.400	0.0	40059	501	4.480	4.510	-0.7	41665	502	2.840	2.780	2.2
18507	501	0.138	0.143	-3.5	40059	502	4.040	3.950	2.3	41667	501	73.400	74.000	-0.8
18507	502	0.214	0.216	-0.9	40061	501	2.370	2.390	-0.8	41667	502	66.300	64.900	2.2
18570	501	1.440	1.500	-4.0	40061	502	2.140	2.100	1.9	41668	501	68.800	69.400	-0.9
18570	502	2.240	2.250	-0.4	40063	501	79.400	80.100	-0.9	41668	502	62.200	60.800	2.3
18616	501	0.320	0.320	0.0	40063	502	71.800	70.200	2.3	41669	501	0.480	0.490	-2.0
18616	502	0.300	0.300	0.0	40064	501	23.400	23.500	-0.4	41669	502	0.440	0.430	2.3
18707	501	0.011	0.011	0.0	40064	502	21.100	20.600	2.4	41670	501	0.810	0.820	-1.2
18707	502	0.013	0.013	0.0	40075	501	44.700	45.400	-1.5	41670	502	0.730	0.720	1.4
18708	501	0.084	0.088	-4.5	40075	502	36.500	35.900	1.7	41677	501	0.200	0.196	2.0
18708	502	0.131	0.132	-0.8	40101	501	11.000	11.200	-1.8	41677	502	0.197	0.192	2.6
18833	501	0.131	0.131	0.0	40101	502	12.400	12.100	2.5	41678	501	67.200	68.300	-1.6
18833	502	0.159	0.155	2.6	40102	501	9.750	9.890	-1.4	41678	502	44.500	43.800	1.6
18834	501	0.218	0.227	-4.0	40102	502	11.000	10.700	2.8	41680	501	13.900	13.600	2.2

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41680	502	11.100	10.500	5.7	43822	501	2.930	2.860	2.4	44111	502	2.020	2.030	-0.5
41696	501	0.640	0.620	3.2	43822	502	2.880	2.820	2.1	44112	501	1.530	1.590	-3.8
41696	502	0.630	0.610	3.3	43840	501	0.036	0.036	0.0	44112	502	1.190	1.200	-0.8
41697	501	0.440	0.430	2.3	43840	502	0.036	0.035	2.9	44276	501	113.000	115.000	-1.7
41697	502	0.440	0.430	2.3	43860	501	2.320	2.280	1.8	44276	502	92.600	91.300	1.4
41715	501	8.810	8.640	2.0	43860	502	2.280	2.240	1.8	44277	501	73.600	74.700	-1.5
41715	502	7.020	6.680	5.1	43889	501	0.830	0.810	2.5	44277	502	60.100	59.200	1.5
41716	501	5.610	5.500	2.0	43889	502	0.820	0.800	2.5	44280	501	0.200	0.196	2.0
41716	502	4.470	4.250	5.2	44009	501	4.120	4.320	-4.6	44280	502	0.197	0.192	2.6
43151	501	22.200	22.600	-1.8	44009	502	2.760	2.790	-1.1	44311	501	5.940	5.990	-0.8
43151	502	18.100	17.900	1.1	44069	501	9.840	9.920	-0.8	44311	502	5.370	5.250	2.3
43152	501	20.100	20.400	-1.5	44069	502	8.890	8.690	2.3	44315	501	4.000	4.030	-0.7
43152	502	13.300	13.100	1.5	44070	501	2.910	2.940	-1.0	44315	502	3.610	3.530	2.3
43200	501	84.500	85.900	-1.6	44070	502	2.630	2.570	2.3	44427	501	39.900	40.500	-1.5
43200	502	69.000	68.000	1.5	44071	501	3.240	3.270	-0.9	44427	502	44.900	43.900	2.3
43421	501	23.200	23.500	-1.3	44071	502	2.930	2.860	2.4	44428	501	40.100	40.700	-1.5
43421	502	18.900	18.600	1.6	44072	501	2.240	2.260	-0.9	44428	502	45.200	44.100	2.5
43422	501	122.000	124.000	-1.6	44072	502	2.020	1.980	2.0	44429	501	0.600	0.610	-1.6
43422	502	99.300	97.800	1.5	44100	501	4.590	4.770	-3.8	44429	502	0.680	0.660	3.0
43470	501	3.700	3.640	1.6	44100	502	3.580	3.610	-0.8	44430	501	0.420	0.420	0.0
43470	502	3.650	3.580	2.0	44101	501	4.780	4.970	-3.8	44430	502	0.470	0.460	2.2
43518	501	11.500	11.600	-0.9	44101	502	3.730	3.760	-0.8	44431	501	1.340	1.360	-1.5
43518	502	10.400	10.200	2.0	44102	501	3.730	3.870	-3.6	44431	502	1.500	1.470	2.0
43550	501	82.600	84.000	-1.7	44102	502	2.910	2.940	-1.0	44432	501	0.420	0.430	-2.3
43550	502	67.500	66.500	1.5	44103	501	3.300	3.430	-3.8	44432	502	0.480	0.470	2.1
43551	501	45.800	46.600	-1.7	44103	502	2.580	2.600	-0.8	44433	501	13.500	13.700	-1.5
43551	502	37.400	36.900	1.4	44104	501	1.390	1.440	-3.5	44433	502	15.200	14.800	2.7
43626	501	9.210	9.280	-0.8	44104	502	1.080	1.090	-0.9	44434	501	25.800	26.200	-1.5
43626	502	8.320	8.130	2.3	44108	501	1.630	1.690	-3.6	44434	502	29.100	28.400	2.5
43628	501	120.000	121.000	-0.8	44108	502	1.270	1.280	-0.8	44435	501	26.700	27.100	-1.5
43628	502	108.000	106.000	1.9	44109	501	4.110	4.270	-3.7	44435	502	30.100	29.400	2.4
43629	501	101.000	102.000	-1.0	44109	502	3.210	3.240	-0.9	44436	501	31.200	31.700	-1.6
43629	502	91.600	89.500	2.3	44110	501	4.210	4.370	-3.7	44436	502	35.100	34.300	2.3
43760	501	3.380	3.400	-0.6	44110	502	3.290	3.310	-0.6	44437	501	25.900	26.200	-1.1
43760	502	3.050	2.980	2.3	44111	501	2.580	2.680	-3.7	44437	502	29.100	28.400	2.5

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44438	501	20.400	20.700	-1.4	46004	502	20.200	19.200	5.2	47367	501	0.200	0.196	2.0
44438	502	23.000	22.500	2.2	46005	501	20.300	19.900	2.0	47367	502	0.197	0.192	2.6
44439	501	39.800	40.400	-1.5	46005	502	16.200	15.400	5.2	47420	501	1.640	1.650	-0.6
44439	502	44.800	43.700	2.5	46112	501	0.043	0.044	-2.3	47420	502	1.480	1.450	2.1
44440	501	32.900	33.400	-1.5	46112	502	0.049	0.048	2.1	47469	501	4.010	3.930	2.0
44440	502	37.100	36.200	2.5	46202	501	3.520	3.490	0.9	47469	502	3.190	3.040	4.9
45190	501	2.770	2.740	1.1	46202	502	3.080	2.960	4.1	47471	501	3.470	3.410	1.8
45190	502	2.430	2.330	4.3	46362	501	234.000	238.000	-1.7	47471	502	2.770	2.630	5.3
45191	501	1.970	1.950	1.0	46362	502	155.000	153.000	1.3	47473	501	4.540	4.450	2.0
45191	502	1.720	1.650	4.2	46426	501	34.300	34.800	-1.4	47473	502	3.620	3.440	5.2
45192	501	2.300	2.280	0.9	46426	502	22.700	22.300	1.8	47474	501	5.080	4.980	2.0
45192	502	2.020	1.930	4.7	46427	501	45.700	46.500	-1.7	47474	502	4.040	3.850	4.9
45193	501	1.360	1.340	1.5	46427	502	30.300	29.800	1.7	47475	501	4.010	3.930	2.0
45193	502	1.190	1.140	4.4	46603	501	2.880	2.920	-1.4	47475	502	3.190	3.040	4.9
45210	501	1.720	1.700	1.2	46603	502	1.910	1.870	2.1	47476	501	4.010	3.930	2.0
45210	502	1.510	1.440	4.9	46604	501	3.320	3.370	-1.5	47476	502	3.190	3.040	4.9
45334	501	48.700	49.500	-1.6	46604	502	2.200	2.160	1.9	47477	501	5.340	5.240	1.9
45334	502	39.800	39.200	1.5	46606	501	8.840	8.980	-1.6	47477	502	4.260	4.050	5.2
45380	501	0.247	0.247	0.0	46606	502	5.860	5.770	1.6	47478	501	5.610	5.500	2.0
45380	502	0.233	0.234	-0.4	46607	501	12.200	12.300	-0.8	47478	502	4.470	4.250	5.2
45450	501	14.300	14.600	-2.1	46607	502	8.050	7.930	1.5	48039	501	59.900	60.900	-1.6
45450	502	11.700	11.500	1.7	46622	501	8.610	8.450	1.9	48039	502	48.900	48.200	1.5
45678	501	0.217	0.213	1.9	46622	502	8.470	8.310	1.9	48206	501	24.400	24.600	-0.8
45678	502	0.214	0.210	1.9	46700	501	170.000	173.000	-1.7	48206	502	22.000	21.500	2.3
45771	501	0.380	0.380	0.0	46700	502	139.000	137.000	1.5	48441	501	0.102	0.103	-1.0
45771	502	0.360	0.360	0.0	46911	501	18.200	18.400	-1.1	48441	502	0.092	0.090	2.2
45819	501	0.122	0.122	0.0	46911	502	16.500	16.100	2.5	48557	501	10.200	10.300	-1.0
45819	502	0.116	0.116	0.0	46912	501	33.400	33.600	-0.6	48557	502	9.240	9.030	2.3
45900	501	0.080	0.084	-4.8	46912	502	30.100	29.500	2.0	48558	501	8.900	8.970	-0.8
45900	502	0.125	0.126	-0.8	47050	501	0.800	0.780	2.6	48558	502	8.040	7.860	2.3
45901	501	0.069	0.072	-4.2	47050	502	0.780	0.770	1.3	48600	501	68.500	69.600	-1.6
45901	502	0.107	0.108	-0.9	47221	501	187.000	190.000	-1.6	48600	502	45.400	44.700	1.6
45937	501	0.191	0.194	-1.5	47221	502	152.000	150.000	1.3	48636	501	1.020	1.020	0.0
45937	502	0.156	0.154	1.3	47318	501	7.490	7.550	-0.8	48636	502	1.890	1.870	1.1
46004	501	25.400	24.900	2.0	47318	502	6.760	6.610	2.3	48637	501	7.820	7.880	-0.8

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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
48637	502	7.060	6.900	2.3	49802	501	14.600	14.800	-1.4	51205	502	0.103	0.101	2.0
48638	501	3.880	3.910	-0.8	49802	502	11.900	11.700	1.7	51206	501	0.012	0.012	0.0
48638	502	3.500	3.430	2.0	49803	501	25.800	26.200	-1.5	51206	502	0.016	0.016	0.0
48808	501	1.190	1.240	-4.0	49803	502	21.100	20.700	1.9	51210	501	0.062	0.062	0.0
48808	502	1.840	1.860	-1.1	49840	501	0.830	0.810	2.5	51210	502	0.114	0.113	0.9
48925	501	187.000	189.000	-1.1	49840	502	0.820	0.800	2.5	51220	501	0.213	0.212	0.5
48925	502	169.000	165.000	2.4	49870	501	78.200	78.800	-0.8	51220	502	0.390	0.390	0.0
49005	501	0.137	0.134	2.2	49870	502	70.600	69.000	2.3	51221	501	0.118	0.118	0.0
49005	502	0.135	0.132	2.3	50010	501	0.153	0.150	2.0	51221	502	0.217	0.216	0.5
49111	501	1.810	1.890	-4.2	50010	502	0.199	0.195	2.1	51222	501	0.144	0.143	0.7
49111	502	2.820	2.840	-0.7	50011	501	0.057	0.057	0.0	51222	502	0.260	0.260	0.0
49181	501	19.600	19.900	-1.5	50011	502	0.105	0.105	0.0	51224	501	0.151	0.150	0.7
49181	502	16.000	15.800	1.3	50012	501	0.056	0.056	0.0	51224	502	0.280	0.280	0.0
49183	501	23.900	24.300	-1.6	50012	502	0.073	0.072	1.4	51230	501	0.026	0.025	4.0
49183	502	19.500	19.200	1.6	50015	501	0.099	0.098	1.0	51230	502	0.047	0.047	0.0
49184	501	50.400	51.200	-1.6	50015	502	0.129	0.127	1.6	51240	501	0.310	0.310	0.0
49184	502	41.100	40.500	1.5	50017	501	0.076	0.074	2.7	51240	502	0.410	0.400	2.5
49185	501	45.800	46.600	-1.7	50017	502	0.098	0.096	2.1	51241	501	0.930	0.920	1.1
49185	502	37.400	36.900	1.4	50018	501	0.052	0.052	0.0	51241	502	1.210	1.190	1.7
49239	501	0.184	0.184	0.0	50018	502	0.096	0.095	1.1	51250	501	0.163	0.163	0.0
49239	502	0.175	0.175	0.0	50019	501	0.040	0.040	0.0	51250	502	0.300	0.300	0.0
49292	501	1.430	1.460	-2.1	50019	502	0.052	0.052	0.0	51251	501	0.027	0.027	0.0
49292	502	1.170	1.150	1.7	50045	501	0.173	0.170	1.8	51251	502	0.035	0.034	2.9
49333	501	10.500	10.700	-1.9	50045	502	0.225	0.220	2.3	51252	501	0.095	0.093	2.2
49333	502	8.580	8.450	1.5	50047	501	0.019	0.019	0.0	51252	502	0.123	0.121	1.7
49617	501	0.280	0.290	-3.4	50047	502	0.025	0.025	0.0	51253	501	0.081	0.079	2.5
49617	502	0.186	0.189	-1.6	51001	501	0.035	0.035	0.0	51253	502	0.105	0.103	1.9
49618	501	0.234	0.245	-4.5	51001	502	0.065	0.065	0.0	51254	501	0.025	0.025	0.0
49618	502	0.157	0.158	-0.6	51005	501	0.007	0.007	0.0	51254	502	0.033	0.032	3.1
49619	501	0.440	0.460	-4.3	51005	502	0.013	0.013	0.0	51255	501	0.410	0.410	0.0
49619	502	0.290	0.300	-3.3	51116	501	0.090	0.089	1.1	51255	502	0.760	0.760	0.0
49763	501	2.850	2.990	-4.7	51116	502	0.165	0.164	0.6	51300	501	0.122	0.117	4.3
49763	502	1.910	1.930	-1.0	51201	501	0.026	0.026	0.0	51300	502	0.147	0.141	4.3
49801	501	164.000	167.000	-1.8	51201	502	0.034	0.033	3.0	51305	501	0.122	0.117	4.3
49801	502	134.000	132.000	1.5	51205	501	0.079	0.078	1.3	51305	502	0.147	0.141	4.3

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LOSS COST % CHANGE BY CLASS

CLASS	TERR	PROPOSED OCCURR	PRESENT OCCURR	% CHG	CLASS	TERR	PROPOSED OCCURR	PRESENT OCCURR	% CHG	CLASS	TERR	PROPOSED OCCURR	PRESENT OCCURR	% CHG
51315	501	0.120	0.120	0.0	51516	502	0.059	0.058	1.7	51767	501	0.025	0.024	4.2
51315	502	0.113	0.113	0.0	51517	501	0.068	0.067	1.5	51767	502	0.031	0.029	6.9
51330	501	0.063	0.063	0.0	51517	502	0.067	0.066	1.5	51777	501	0.088	0.085	3.5
51330	502	0.116	0.115	0.9	51550	501	0.072	0.070	2.9	51777	502	0.106	0.102	3.9
51333	501	0.021	0.021	0.0	51550	502	0.093	0.091	2.2	51790	501	0.147	0.141	4.3
51333	502	0.038	0.038	0.0	51551	501	0.025	0.024	4.2	51790	502	0.177	0.170	4.1
51340	501	0.026	0.025	4.0	51551	502	0.032	0.032	0.0	51796	501	0.059	0.059	0.0
51340	502	0.034	0.033	3.0	51552	501	0.043	0.042	2.4	51796	502	0.077	0.076	1.3
51350	501	0.205	0.196	4.6	51552	502	0.056	0.055	1.8	51808	501	0.211	0.208	1.4
51350	502	0.246	0.236	4.2	51553	501	0.077	0.076	1.3	51808	502	0.280	0.270	3.7
51351	501	0.183	0.176	4.0	51553	502	0.100	0.098	2.0	51809	501	0.260	0.260	0.0
51351	502	0.221	0.212	4.2	51554	501	0.007	0.007	0.0	51809	502	0.340	0.340	0.0
51352	501	0.250	0.241	3.7	51554	502	0.009	0.009	0.0	51833	501	0.132	0.127	3.9
51352	502	0.300	0.290	3.4	51575	501	0.055	0.053	3.8	51833	502	0.159	0.153	3.9
51355	501	0.171	0.164	4.3	51575	502	0.066	0.063	4.8	51850	501	0.153	0.152	0.7
51355	502	0.206	0.198	4.0	51576	501	0.138	0.136	1.5	51850	502	0.280	0.280	0.0
51356	501	0.184	0.177	4.0	51576	502	0.179	0.176	1.7	51851	501	0.103	0.103	0.0
51356	502	0.222	0.213	4.2	51600	501	0.094	0.092	2.2	51851	502	0.190	0.189	0.5
51357	501	0.170	0.170	0.0	51600	502	0.122	0.120	1.7	51852	501	0.242	0.241	0.4
51357	502	0.161	0.161	0.0	51613	501	0.062	0.061	1.6	51852	502	0.450	0.440	2.3
51358	501	0.410	0.410	0.0	51613	502	0.081	0.079	2.5	51853	501	0.097	0.097	0.0
51358	502	0.390	0.390	0.0	51625	501	0.032	0.032	0.0	51853	502	0.179	0.178	0.6
51359	501	0.360	0.360	0.0	51625	502	0.060	0.059	1.7	51854	501	0.219	0.218	0.5
51359	502	0.340	0.340	0.0	51666	501	0.087	0.083	4.8	51854	502	0.400	0.400	0.0
51370	501	0.310	0.300	3.3	51666	502	0.105	0.100	5.0	51855	501	0.229	0.229	0.0
51370	502	0.400	0.390	2.6	51702	501	0.097	0.097	0.0	51855	502	0.420	0.420	0.0
51380	501	0.031	0.030	3.3	51702	502	0.179	0.178	0.6	51856	501	0.126	0.126	0.0
51380	502	0.040	0.039	2.6	51703	501	0.040	0.040	0.0	51856	502	0.232	0.231	0.4
51400	501	0.148	0.147	0.7	51703	502	0.074	0.074	0.0	51857	501	0.216	0.215	0.5
51400	502	0.270	0.270	0.0	51734	501	0.076	0.076	0.0	51857	502	0.400	0.390	2.6
51401	501	0.218	0.217	0.5	51734	502	0.139	0.139	0.0	51869	501	0.070	0.069	1.4
51401	502	0.400	0.400	0.0	51741	501	0.163	0.161	1.2	51869	502	0.091	0.089	2.2
51500	501	0.058	0.057	1.8	51741	502	0.212	0.208	1.9	51877	501	0.390	0.390	0.0
51500	502	0.075	0.074	1.4	51752	501	0.138	0.136	1.5	51877	502	0.510	0.500	2.0
51516	501	0.060	0.059	1.7	51752	502	0.179	0.176	1.7	51889	501	0.065	0.064	1.6

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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
51889	502	0.084	0.083	1.2	51986	501	0.153	0.150	2.0	52435	502	0.105	0.103	1.9
51896	501	0.030	0.030	0.0	51986	502	0.199	0.195	2.1	52438	501	0.059	0.058	1.7
51896	502	0.039	0.039	0.0	51999	501	0.064	0.063	1.6	52438	502	0.076	0.075	1.3
51900	501	0.099	0.095	4.2	51999	502	0.084	0.082	2.4	52440	501	0.092	0.090	2.2
51900	502	0.119	0.114	4.4	52002	501	0.056	0.056	0.0	52440	502	0.120	0.117	2.6
51909	501	0.138	0.137	0.7	52002	502	0.073	0.072	1.4	52467	501	0.085	0.084	1.2
51909	502	0.250	0.250	0.0	52075	501	0.120	0.120	0.0	52467	502	0.111	0.108	2.8
51919	501	0.066	0.064	3.1	52075	502	0.221	0.220	0.5	52469	501	0.030	0.029	3.4
51919	502	0.085	0.084	1.2	52076	501	0.145	0.144	0.7	52469	502	0.039	0.038	2.6
51926	501	0.067	0.066	1.5	52076	502	0.270	0.260	3.8	52505	501	0.148	0.146	1.4
51926	502	0.087	0.085	2.4	52109	501	0.014	0.014	0.0	52505	502	0.193	0.189	2.1
51927	501	0.036	0.036	0.0	52109	502	0.019	0.018	5.6	52547	501	0.140	0.139	0.7
51927	502	0.047	0.046	2.2	52134	501	0.189	0.186	1.6	52547	502	0.260	0.260	0.0
51934	501	0.073	0.072	1.4	52134	502	0.246	0.241	2.1	52581	501	0.720	0.710	1.4
51934	502	0.095	0.093	2.2	52137	501	0.047	0.047	0.0	52581	502	0.940	0.920	2.2
51941	501	0.066	0.065	1.5	52137	502	0.087	0.086	1.2	52619	501	0.051	0.050	2.0
51941	502	0.086	0.085	1.2	52150	501	0.350	0.340	2.9	52619	502	0.066	0.065	1.5
51942	501	0.106	0.104	1.9	52150	502	0.450	0.440	2.3	52660	501	0.072	0.070	2.9
51942	502	0.138	0.136	1.5	52315	501	0.115	0.110	4.5	52660	502	0.071	0.069	2.9
51956	501	0.290	0.280	3.6	52315	502	0.138	0.133	3.8	52744	501	0.510	0.490	4.1
51956	502	0.370	0.370	0.0	52341	501	0.030	0.029	3.4	52744	502	0.610	0.590	3.4
51957	501	0.250	0.249	0.4	52341	502	0.054	0.054	0.0	52767	501	0.128	0.127	0.8
51957	502	0.330	0.320	3.1	52342	501	0.086	0.085	1.2	52767	502	0.235	0.234	0.4
51958	501	0.224	0.221	1.4	52342	502	0.158	0.157	0.6	52911	501	0.040	0.040	0.0
51958	502	0.290	0.290	0.0	52343	501	0.052	0.052	0.0	52911	502	0.052	0.052	0.0
51959	501	0.230	0.226	1.8	52343	502	0.096	0.095	1.1	52967	501	0.015	0.015	0.0
51959	502	0.300	0.290	3.4	52401	501	0.161	0.161	0.0	52967	502	0.020	0.019	5.3
51960	501	0.030	0.030	0.0	52401	502	0.300	0.300	0.0	53001	501	0.148	0.146	1.4
51960	502	0.039	0.039	0.0	52402	501	0.014	0.014	0.0	53001	502	0.193	0.189	2.1
51970	501	0.132	0.130	1.5	52402	502	0.019	0.018	5.6	53077	501	0.071	0.070	1.4
51970	502	0.172	0.168	2.4	52432	501	0.071	0.070	1.4	53077	502	0.093	0.091	2.2
51982	501	0.039	0.038	2.6	52432	502	0.092	0.090	2.2	53095	501	0.049	0.048	2.1
51982	502	0.051	0.050	2.0	52433	501	0.065	0.064	1.6	53095	502	0.064	0.062	3.2
51985	501	0.056	0.055	1.8	52433	502	0.084	0.082	2.4	53096	501	0.068	0.067	1.5
51985	502	0.055	0.054	1.9	52435	501	0.081	0.080	1.2	53096	502	0.088	0.087	1.1

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53121	501	0.193	0.190	1.6	53734	502	0.360	0.350	2.9	55717	501	0.162	0.162	0.0
53121	502	0.250	0.247	1.2	53803	501	0.270	0.270	0.0	55717	502	0.300	0.300	0.0
53147	501	0.022	0.022	0.0	53803	502	0.490	0.490	0.0	55718	501	0.158	0.157	0.6
53147	502	0.040	0.040	0.0	53907	501	0.071	0.070	1.4	55718	502	0.290	0.290	0.0
53229	501	0.121	0.121	0.0	53907	502	0.092	0.091	1.1	55802	501	0.088	0.085	3.5
53229	502	0.223	0.222	0.5	54012	501	0.036	0.036	0.0	55802	502	0.106	0.102	3.9
53271	501	0.036	0.036	0.0	54012	502	0.036	0.035	2.9	55918	501	0.087	0.085	2.4
53271	502	0.047	0.046	2.2	54077	501	0.097	0.096	1.0	55918	502	0.113	0.111	1.8
53333	501	0.119	0.119	0.0	54077	502	0.126	0.124	1.6	55919	501	0.012	0.012	0.0
53333	502	0.219	0.218	0.5	55010	501	0.290	0.290	0.0	55919	502	0.015	0.015	0.0
53374	501	0.134	0.128	4.7	55010	502	0.380	0.370	2.7	56040	501	0.008	0.008	0.0
53374	502	0.161	0.154	4.5	55011	501	0.079	0.078	1.3	56040	502	0.011	0.010	10.0
53375	501	0.071	0.068	4.4	55011	502	0.103	0.101	2.0	56041	501	0.054	0.053	1.9
53375	502	0.085	0.082	3.7	55012	501	0.094	0.093	1.1	56041	502	0.070	0.069	1.4
53376	501	0.114	0.109	4.6	55012	502	0.123	0.120	2.5	56042	501	0.068	0.067	1.5
53376	502	0.137	0.131	4.6	55013	501	0.101	0.101	0.0	56042	502	0.088	0.087	1.1
53377	501	0.116	0.112	3.6	55013	502	0.186	0.186	0.0	56170	501	0.110	0.110	0.0
53377	502	0.140	0.134	4.5	55214	501	0.076	0.075	1.3	56170	502	0.203	0.202	0.5
53403	501	0.074	0.071	4.2	55214	502	0.099	0.098	1.0	56171	501	0.054	0.054	0.0
53403	502	0.089	0.085	4.7	55371	501	0.340	0.330	3.0	56171	502	0.100	0.099	1.0
53425	501	0.112	0.112	0.0	55371	502	0.410	0.390	5.1	56202	501	0.054	0.053	1.9
53425	502	0.206	0.205	0.5	55426	501	0.123	0.123	0.0	56202	502	0.070	0.069	1.4
53565	501	0.086	0.082	4.9	55426	502	0.226	0.225	0.4	56390	501	0.094	0.093	1.1
53565	502	0.103	0.099	4.0	55597	501	0.019	0.019	0.0	56390	502	0.123	0.120	2.5
53631	501	0.022	0.022	0.0	55597	502	0.025	0.024	4.2	56391	501	0.081	0.080	1.2
53631	502	0.029	0.029	0.0	55647	501	0.038	0.038	0.0	56391	502	0.105	0.103	1.9
53632	501	0.026	0.025	4.0	55647	502	0.050	0.049	2.0	56427	501	0.130	0.128	1.6
53632	502	0.034	0.033	3.0	55648	501	0.017	0.017	0.0	56427	502	0.170	0.167	1.8
53731	501	0.024	0.023	4.3	55648	502	0.022	0.022	0.0	56488	501	0.147	0.141	4.3
53731	502	0.031	0.030	3.3	55649	501	0.021	0.020	5.0	56488	502	0.177	0.170	4.1
53732	501	0.161	0.159	1.3	55649	502	0.027	0.026	3.8	56567	501	0.114	0.114	0.0
53732	502	0.210	0.206	1.9	55715	501	0.152	0.149	2.0	56567	502	0.210	0.209	0.5
53733	501	0.105	0.103	1.9	55715	502	0.197	0.194	1.5	56650	501	0.350	0.350	0.0
53733	502	0.137	0.134	2.2	55716	501	0.219	0.216	1.4	56650	502	0.640	0.640	0.0
53734	501	0.360	0.360	0.0	55716	502	0.290	0.280	3.6	56651	501	0.190	0.189	0.5

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56651	502	0.350	0.350	0.0	56915	501	0.380	0.380	0.0	57572	502	0.017	0.017	0.0
56652	501	0.136	0.135	0.7	56915	502	0.710	0.700	1.4	57600	501	0.040	0.039	2.6
56652	502	0.250	0.249	0.4	56916	501	0.350	0.350	0.0	57600	502	0.052	0.051	2.0
56653	501	0.131	0.130	0.8	56916	502	0.640	0.640	0.0	57611	501	0.059	0.059	0.0
56653	502	0.241	0.240	0.4	56917	501	0.100	0.100	0.0	57611	502	0.109	0.108	0.9
56654	501	0.067	0.067	0.0	56917	502	0.185	0.184	0.5	57625	501	0.350	0.340	2.9
56654	502	0.123	0.122	0.8	56918	501	0.048	0.048	0.0	57625	502	0.450	0.450	0.0
56690	501	0.076	0.073	4.1	56918	502	0.089	0.088	1.1	57651	501	0.042	0.042	0.0
56690	502	0.092	0.088	4.5	56919	501	0.123	0.123	0.0	57651	502	0.055	0.054	1.9
56699	501	0.060	0.059	1.7	56919	502	0.226	0.225	0.4	57690	501	0.077	0.076	1.3
56699	502	0.078	0.077	1.3	56920	501	0.112	0.112	0.0	57690	502	0.141	0.141	0.0
56758	501	0.051	0.050	2.0	56920	502	0.206	0.205	0.5	57716	501	0.036	0.036	0.0
56758	502	0.066	0.065	1.5	56980	501	0.075	0.074	1.4	57716	502	0.067	0.067	0.0
56759	501	0.052	0.051	2.0	56980	502	0.098	0.096	2.1	57725	501	0.080	0.079	1.3
56759	502	0.068	0.067	1.5	57001	501	0.026	0.025	4.0	57725	502	0.147	0.146	0.7
56760	501	0.075	0.074	1.4	57001	502	0.034	0.033	3.0	57726	501	0.062	0.062	0.0
56760	502	0.097	0.096	1.0	57002	501	0.017	0.016	6.3	57726	502	0.114	0.113	0.9
56805	501	0.099	0.097	2.1	57002	502	0.022	0.021	4.8	57798	501	0.022	0.021	4.8
56805	502	0.128	0.126	1.6	57090	501	0.180	0.179	0.6	57798	502	0.028	0.027	3.7
56806	501	0.070	0.069	1.4	57090	502	0.330	0.330	0.0	57800	501	0.080	0.079	1.3
56806	502	0.091	0.089	2.2	57146	501	0.114	0.114	0.0	57800	502	0.105	0.103	1.9
56807	501	0.069	0.068	1.5	57146	502	0.210	0.209	0.5	57808	501	0.031	0.030	3.3
56807	502	0.090	0.088	2.3	57202	501	0.067	0.066	1.5	57808	502	0.056	0.056	0.0
56808	501	0.090	0.089	1.1	57202	502	0.087	0.085	2.4	57809	501	0.032	0.031	3.2
56808	502	0.118	0.115	2.6	57257	501	0.083	0.081	2.5	57809	502	0.058	0.058	0.0
56900	501	0.087	0.085	2.4	57257	502	0.108	0.106	1.9	57810	501	0.031	0.030	3.3
56900	502	0.113	0.111	1.8	57401	501	0.047	0.046	2.2	57810	502	0.056	0.056	0.0
56910	501	0.043	0.043	0.0	57401	502	0.061	0.060	1.7	57871	501	0.036	0.036	0.0
56910	502	0.056	0.055	1.8	57403	501	0.180	0.173	4.0	57871	502	0.067	0.067	0.0
56911	501	0.098	0.098	0.0	57403	502	0.217	0.208	4.3	57913	501	0.104	0.102	2.0
56911	502	0.181	0.180	0.6	57410	501	0.023	0.022	4.5	57913	502	0.135	0.133	1.5
56912	501	0.080	0.079	1.3	57410	502	0.030	0.029	3.4	57997	501	0.081	0.079	2.5
56912	502	0.147	0.146	0.7	57411	501	0.028	0.027	3.7	57997	502	0.079	0.078	1.3
56913	501	0.065	0.065	0.0	57411	502	0.051	0.050	2.0	57998	501	0.046	0.045	2.2
56913	502	0.119	0.119	0.0	57572	501	0.013	0.013	0.0	57998	502	0.060	0.059	1.7

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LOSS COST % CHANGE BY CLASS

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57999	501	0.050	0.050	0.0	58459	502	0.071	0.070	1.4	58840	501	0.070	0.070	0.0
57999	502	0.092	0.092	0.0	58503	501	0.056	0.056	0.0	58840	502	0.129	0.128	0.8
58009	501	0.050	0.050	0.0	58503	502	0.073	0.072	1.4	58873	501	0.111	0.111	0.0
58009	502	0.092	0.092	0.0	58532	501	0.073	0.072	1.4	58873	502	0.205	0.204	0.5
58010	501	0.107	0.105	1.9	58532	502	0.095	0.093	2.2	58903	501	0.029	0.028	3.6
58010	502	0.139	0.137	1.5	58559	501	0.015	0.015	0.0	58903	502	0.037	0.036	2.8
58020	501	0.194	0.186	4.3	58559	502	0.019	0.019	0.0	58904	501	0.022	0.021	4.8
58020	502	0.233	0.224	4.0	58560	501	0.036	0.035	2.9	58904	502	0.028	0.028	0.0
58056	501	0.128	0.126	1.6	58560	502	0.047	0.046	2.2	58922	501	0.185	0.184	0.5
58056	502	0.166	0.163	1.8	58575	501	0.046	0.045	2.2	58922	502	0.340	0.340	0.0
58057	501	0.080	0.079	1.3	58575	502	0.060	0.059	1.7	59005	501	0.054	0.053	1.9
58057	502	0.105	0.103	1.9	58627	501	0.148	0.146	1.4	59005	502	0.070	0.069	1.4
58058	501	0.072	0.071	1.4	58627	502	0.193	0.189	2.1	59057	501	0.400	0.390	2.6
58058	502	0.094	0.092	2.2	58663	501	0.250	0.250	0.0	59057	502	0.520	0.510	2.0
58095	501	0.102	0.100	2.0	58663	502	0.470	0.460	2.2	59058	501	0.260	0.250	4.0
58095	502	0.132	0.130	1.5	58682	501	0.132	0.130	1.5	59058	502	0.340	0.330	3.0
58096	501	0.135	0.133	1.5	58682	502	0.171	0.168	1.8	59188	501	0.390	0.370	5.4
58096	502	0.176	0.172	2.3	58713	501	0.056	0.054	3.7	59188	502	0.460	0.440	4.5
58301	501	0.038	0.038	0.0	58713	502	0.068	0.065	4.6	59189	501	0.530	0.510	3.9
58301	502	0.071	0.070	1.4	58737	501	0.096	0.094	2.1	59189	502	0.640	0.610	4.9
58302	501	0.036	0.036	0.0	58737	502	0.124	0.122	1.6	59223	501	0.115	0.115	0.0
58302	502	0.047	0.046	2.2	58756	501	0.047	0.047	0.0	59223	502	0.212	0.211	0.5
58397	501	0.211	0.208	1.4	58756	502	0.087	0.086	1.2	59257	501	0.015	0.014	7.1
58397	502	0.280	0.270	3.7	58757	501	0.320	0.320	0.0	59257	502	0.019	0.019	0.0
58408	501	0.048	0.047	2.1	58757	502	0.420	0.410	2.4	59306	501	0.091	0.090	1.1
58408	502	0.047	0.046	2.2	58759	501	0.040	0.039	2.6	59306	502	0.119	0.117	1.7
58409	501	0.060	0.059	1.7	58759	502	0.052	0.051	2.0	59378	501	0.075	0.075	0.0
58409	502	0.059	0.058	1.7	58802	501	0.045	0.044	2.3	59378	502	0.138	0.137	0.7
58456	501	0.032	0.032	0.0	58802	502	0.059	0.058	1.7	59481	501	0.245	0.241	1.7
58456	502	0.032	0.031	3.2	58813	501	0.116	0.116	0.0	59481	502	0.320	0.310	3.2
58457	501	0.047	0.046	2.2	58813	502	0.214	0.213	0.5	59482	501	0.400	0.380	5.3
58457	502	0.046	0.045	2.2	58822	501	0.124	0.122	1.6	59482	502	0.480	0.460	4.3
58458	501	0.060	0.059	1.7	58822	502	0.162	0.159	1.9	59537	501	0.081	0.080	1.2
58458	502	0.059	0.058	1.7	58837	501	0.233	0.232	0.4	59537	502	0.148	0.148	0.0
58459	501	0.072	0.071	1.4	58837	502	0.430	0.430	0.0	59601	501	0.093	0.091	2.2

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59601	502	0.120	0.118	1.7	59781	501	0.052	0.052	0.0	59925	502	0.350	0.350	0.0
59647	501	0.179	0.172	4.1	59781	502	0.096	0.095	1.1	59926	501	0.310	0.310	0.0
59647	502	0.216	0.207	4.3	59782	501	0.078	0.077	1.3	59926	502	0.300	0.300	0.0
59660	501	0.170	0.167	1.8	59782	502	0.143	0.142	0.7	59927	501	0.211	0.211	0.0
59660	502	0.221	0.217	1.8	59783	501	0.076	0.076	0.0	59927	502	0.199	0.200	-0.5
59661	501	0.083	0.082	1.2	59783	502	0.139	0.139	0.0	59931	501	0.189	0.186	1.6
59661	502	0.109	0.107	1.9	59784	501	0.058	0.058	0.0	59931	502	0.246	0.241	2.1
59693	501	0.014	0.014	0.0	59784	502	0.107	0.106	0.9	59932	501	0.204	0.200	2.0
59693	502	0.018	0.018	0.0	59790	501	0.102	0.100	2.0	59932	502	0.260	0.260	0.0
59701	501	0.007	0.007	0.0	59790	502	0.132	0.130	1.5	59941	501	0.063	0.062	1.6
59701	502	0.009	0.009	0.0	59798	501	0.198	0.197	0.5	59941	502	0.082	0.081	1.2
59713	501	0.152	0.150	1.3	59798	502	0.360	0.360	0.0	59947	501	0.051	0.051	0.0
59713	502	0.198	0.194	2.1	59806	501	0.142	0.141	0.7	59947	502	0.094	0.094	0.0
59722	501	0.079	0.078	1.3	59806	502	0.260	0.260	0.0	59955	501	0.024	0.024	0.0
59722	502	0.103	0.101	2.0	59867	501	0.114	0.113	0.9	59955	502	0.032	0.031	3.2
59723	501	0.030	0.029	3.4	59867	502	0.149	0.146	2.1	59963	501	0.180	0.178	1.1
59723	502	0.039	0.038	2.6	59886	501	0.015	0.015	0.0	59963	502	0.235	0.230	2.2
59724	501	0.045	0.045	0.0	59886	502	0.020	0.020	0.0	59964	501	0.420	0.420	0.0
59724	502	0.059	0.058	1.7	59889	501	0.075	0.072	4.2	59964	502	0.550	0.540	1.9
59725	501	0.057	0.056	1.8	59889	502	0.090	0.086	4.7	59970	501	0.069	0.069	0.0
59725	502	0.074	0.072	2.8	59892	501	0.076	0.076	0.0	59970	502	0.127	0.126	0.8
59726	501	0.041	0.041	0.0	59892	502	0.139	0.139	0.0	59973	501	0.116	0.115	0.9
59726	502	0.054	0.053	1.9	59904	501	0.051	0.051	0.0	59973	502	0.152	0.149	2.0
59738	501	0.132	0.130	1.5	59904	502	0.094	0.094	0.0	59975	501	0.096	0.096	0.0
59738	502	0.171	0.168	1.8	59905	501	0.072	0.070	2.9	59975	502	0.177	0.177	0.0
59750	501	0.060	0.060	0.0	59905	502	0.093	0.091	2.2	59977	501	0.055	0.055	0.0
59750	502	0.110	0.110	0.0	59914	501	0.420	0.410	2.4	59977	502	0.101	0.101	0.0
59751	501	0.022	0.022	0.0	59914	502	0.550	0.540	1.9	59984	501	0.032	0.031	3.2
59751	502	0.040	0.040	0.0	59915	501	0.170	0.170	0.0	59984	502	0.041	0.041	0.0
59773	501	0.023	0.022	4.5	59915	502	0.310	0.310	0.0	59985	501	0.125	0.123	1.6
59773	502	0.027	0.026	3.8	59917	501	0.032	0.031	3.2	59985	502	0.162	0.159	1.9
59774	501	0.019	0.018	5.6	59917	502	0.058	0.058	0.0	59986	501	0.095	0.094	1.1
59774	502	0.023	0.022	4.5	59923	501	0.010	0.010	0.0	59986	502	0.124	0.122	1.6
59775	501	0.024	0.023	4.3	59923	502	0.013	0.013	0.0	59988	501	0.025	0.025	0.0
59775	502	0.029	0.028	3.6	59925	501	0.370	0.370	0.0	59988	502	0.045	0.045	0.0

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59989	501	0.017	0.016	6.3	61227	502	46.500	45.700	1.8	66309	501	25.200	25.600	-1.6
59989	502	0.022	0.021	4.8	62000	501	16.000	16.200	-1.2	66309	502	16.700	16.400	1.8
60010	501	19.900	20.100	-1.0	62000	502	10.600	10.500	1.0	66561	501	58.300	59.300	-1.7
60010	502	11.900	11.700	1.7	62001	501	12.600	12.800	-1.6	66561	502	38.700	38.100	1.6
60011	501	22.800	23.100	-1.3	62001	502	8.350	8.220	1.6	67017	501	54.100	55.000	-1.6
60011	502	13.700	13.500	1.5	62002	501	5.750	5.840	-1.5	67017	502	35.900	35.300	1.7
60012	501	37.500	38.000	-1.3	62002	502	3.810	3.750	1.6	67508	501	32.100	31.400	2.2
60012	502	22.600	22.200	1.8	62003	501	18.100	18.400	-1.6	67508	502	25.500	24.300	4.9
60013	501	32.200	32.600	-1.2	62003	502	12.000	11.800	1.7	67509	501	23.500	23.100	1.7
60013	502	19.400	19.000	2.1	63010	501	35.700	36.200	-1.4	67509	502	18.700	17.800	5.1
60015	501	24.000	24.300	-1.2	63010	502	21.500	21.100	1.9	67510	501	13.100	12.800	2.3
60015	502	14.500	14.200	2.1	63011	501	44.700	45.200	-1.1	67510	502	10.400	9.920	4.8
60016	501	27.000	27.300	-1.1	63011	502	26.900	26.400	1.9	67511	501	14.200	13.900	2.2
60016	502	16.200	16.000	1.2	63012	501	63.500	64.300	-1.2	67511	502	11.300	10.700	5.6
60035	501	41.100	41.800	-1.7	63012	502	38.200	37.600	1.6	67512	501	60.600	59.500	1.8
60035	502	27.200	26.800	1.5	63013	501	60.200	60.900	-1.1	67512	502	48.300	46.000	5.0
61000	501	19.700	19.900	-1.0	63013	502	36.200	35.600	1.7	67513	501	38.500	37.700	2.1
61000	502	11.800	11.600	1.7	63215	501	59.900	60.800	-1.5	67513	502	30.700	29.200	5.1
61212	501	21.000	21.400	-1.9	63215	502	39.700	39.100	1.5	67634	501	46.900	47.600	-1.5
61212	502	13.900	13.700	1.5	63216	501	41.500	42.200	-1.7	67634	502	31.000	30.600	1.3
61216	501	23.300	23.700	-1.7	63216	502	27.500	27.100	1.5	67635	501	33.100	33.700	-1.8
61216	502	15.400	15.200	1.3	63217	501	35.600	35.900	-0.8	67635	502	22.000	21.600	1.9
61217	501	21.200	21.600	-1.9	63217	502	32.200	31.500	2.2	68001	501	101.000	103.000	-1.9
61217	502	14.000	13.900	0.7	63218	501	12.000	12.100	-0.8	68001	502	67.100	66.000	1.7
61218	501	14.500	14.700	-1.4	63218	502	10.800	10.600	1.9	68439	501	130.000	132.000	-1.5
61218	502	9.600	9.450	1.6	64074	501	19.600	19.400	1.0	68439	502	86.200	84.900	1.5
61223	501	103.000	105.000	-1.9	64074	502	17.100	16.400	4.3	68500	501	4.370	4.420	-1.1
61223	502	68.200	67.200	1.5	64075	501	13.800	13.600	1.5	68500	502	2.630	2.580	1.9
61224	501	32.800	33.300	-1.5	64075	502	12.100	11.600	4.3	68604	501	2.440	2.470	-1.2
61224	502	21.700	21.400	1.4	65007	501	36.500	37.000	-1.4	68604	502	1.610	1.590	1.3
61225	501	45.500	46.300	-1.7	65007	502	24.200	23.800	1.7	68606	501	9.510	9.650	-1.5
61225	502	30.200	29.700	1.7	66122	501	15.700	15.900	-1.3	68606	502	6.300	6.200	1.6
61226	501	76.600	77.900	-1.7	66122	502	10.400	10.200	2.0	68607	501	7.520	7.630	-1.4
61226	502	50.800	50.000	1.6	66123	501	8.630	8.760	-1.5	68607	502	4.980	4.900	1.6
61227	501	70.100	71.300	-1.7	66123	502	5.720	5.620	1.8	68702	501	6.190	6.290	-1.6

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68702	502	4.100	4.040	1.5	91235	501	2.270	2.270	0.0	91551	502	1.230	1.210	1.7
68703	501	4.640	4.720	-1.7	91235	502	2.270	2.270	0.0	91555	501	1.370	1.370	0.0
68703	502	3.070	3.030	1.3	91250	501	3.420	3.430	-0.3	91555	502	1.370	1.370	0.0
68706	501	19.900	20.200	-1.5	91250	502	3.420	3.430	-0.3	91560	501	3.700	3.730	-0.8
68706	502	13.200	13.000	1.5	91265	501	12.600	12.700	-0.8	91560	502	3.700	3.730	-0.8
68707	501	19.700	20.000	-1.5	91265	502	12.600	12.700	-0.8	91562	501	2.740	2.690	1.9
68707	502	13.000	12.800	1.6	91266	501	6.690	6.770	-1.2	91562	502	2.740	2.690	1.9
90089	501	3.560	3.500	1.7	91266	502	6.690	6.770	-1.2	91577	501	9.820	9.630	2.0
90089	502	3.560	3.500	1.7	91302	501	8.160	7.650	6.7	91577	502	9.820	9.630	2.0
91111	501	2.930	2.930	0.0	91302	502	8.160	7.650	6.7	91580	501	4.890	4.930	-0.8
91111	502	2.930	2.930	0.0	91315	501	2.480	2.320	6.9	91580	502	4.890	4.930	-0.8
91125	501	2.140	2.100	1.9	91315	502	2.480	2.320	6.9	91590	501	2.850	2.800	1.8
91125	502	2.140	2.100	1.9	91324	501	5.520	5.170	6.8	91590	502	2.850	2.800	1.8
91127	501	1.970	1.980	-0.5	91324	502	5.520	5.170	6.8	91606	501	10.100	10.300	-1.9
91127	502	1.970	1.980	-0.5	91340	501	3.600	3.370	6.8	91606	502	10.100	10.300	-1.9
91130	501	1.030	1.050	-1.9	91340	502	3.600	3.370	6.8	91629	501	2.080	2.090	-0.5
91130	502	1.030	1.050	-1.9	91341	501	3.720	3.660	1.6	91629	502	2.080	2.090	-0.5
91135	501	0.290	0.300	-3.3	91341	502	3.720	3.660	1.6	91636	501	3.550	3.590	-1.1
91135	502	0.290	0.300	-3.3	91342	501	3.310	3.090	7.1	91636	502	3.550	3.590	-1.1
91150	501	1.860	1.860	0.0	91342	502	3.310	3.090	7.1	91641	501	0.960	0.970	-1.0
91150	502	1.860	1.860	0.0	91343	501	0.820	0.810	1.2	91641	502	0.960	0.970	-1.0
91155	501	4.130	4.140	-0.2	91343	502	0.820	0.810	1.2	91666	501	0.760	0.750	1.3
91155	502	4.130	4.140	-0.2	91405	501	4.200	3.930	6.9	91666	502	0.760	0.750	1.3
91160	501	0.860	0.850	1.2	91405	502	4.200	3.930	6.9	91722	501	3.110	3.140	-1.0
91160	502	0.860	0.850	1.2	91436	501	4.220	4.140	1.9	91722	502	3.110	3.140	-1.0
91175	501	0.740	0.730	1.4	91436	502	4.220	4.140	1.9	91746	501	2.740	2.690	1.9
91175	502	0.740	0.730	1.4	91481	501	15.400	15.100	2.0	91746	502	2.740	2.690	1.9
91177	501	3.250	3.180	2.2	91481	502	15.400	15.100	2.0	91805	501	0.173	0.169	2.4
91177	502	3.250	3.180	2.2	91507	501	2.260	2.220	1.8	91805	502	0.173	0.169	2.4
91179	501	3.260	3.200	1.9	91507	502	2.260	2.220	1.8	92053	501	0.430	0.410	4.9
91179	502	3.260	3.200	1.9	91523	501	35.000	34.300	2.0	92053	502	0.430	0.410	4.9
91190	501	1.750	1.720	1.7	91523	502	35.000	34.300	2.0	92054	501	0.146	0.143	2.1
91190	502	1.750	1.720	1.7	91547	501	0.199	0.195	2.1	92054	502	0.146	0.143	2.1
91200	501	0.600	0.600	0.0	91547	502	0.199	0.195	2.1	92055	501	4.070	3.990	2.0
91200	502	0.600	0.600	0.0	91551	501	1.230	1.210	1.7	92055	502	4.070	3.990	2.0

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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
92101	501	6.370	6.240	2.1	94381	502	5.440	5.450	-0.2	96053	501	2.080	2.080	0.0
92101	502	6.370	6.240	2.1	94404	501	3.590	3.530	1.7	96053	502	2.080	2.080	0.0
92102	501	3.830	3.750	2.1	94404	502	3.590	3.530	1.7	96317	501	1.070	1.090	-1.8
92102	502	3.830	3.750	2.1	94569	501	2.420	2.380	1.7	96317	502	1.070	1.090	-1.8
92215	501	3.260	3.260	0.0	94569	502	2.420	2.380	1.7	96408	501	3.170	3.110	1.9
92215	502	3.260	3.260	0.0	94590	501	10.400	10.300	1.0	96408	502	3.170	3.110	1.9
92338	501	1.470	1.440	2.1	94590	502	10.400	10.300	1.0	96409	501	2.930	2.880	1.7
92338	502	1.470	1.440	2.1	94617	501	3.300	3.240	1.9	96409	502	2.930	2.880	1.7
92445	501	2.040	2.060	-1.0	94617	502	3.300	3.240	1.9	96410	501	2.570	2.520	2.0
92445	502	2.040	2.060	-1.0	95124	501	1.220	1.200	1.7	96410	502	2.570	2.520	2.0
92446	501	4.840	4.740	2.1	95124	502	1.220	1.200	1.7	96611	501	0.820	0.770	6.5
92446	502	4.840	4.740	2.1	95233	501	2.610	2.560	2.0	96611	502	0.820	0.770	6.5
92447	501	4.230	4.150	1.9	95233	502	2.610	2.560	2.0	96702	501	3.640	3.580	1.7
92447	502	4.230	4.150	1.9	95305	501	2.840	2.790	1.8	96702	502	3.640	3.580	1.7
92451	501	2.270	2.270	0.0	95305	502	2.840	2.790	1.8	96816	501	3.420	3.360	1.8
92451	502	2.270	2.270	0.0	95306	501	4.070	4.110	-1.0	96816	502	3.420	3.360	1.8
92453	501	2.680	2.630	1.9	95306	502	4.070	4.110	-1.0	96872	501	3.810	3.850	-1.0
92453	502	2.680	2.630	1.9	95310	501	6.770	6.650	1.8	96872	502	3.810	3.850	-1.0
92478	501	1.330	1.300	2.3	95310	502	6.770	6.650	1.8	97047	501	2.510	2.350	6.8
92478	502	1.330	1.300	2.3	95357	501	1.030	1.050	-1.9	97047	502	2.510	2.350	6.8
92593	501	29.800	29.800	0.0	95357	502	1.030	1.050	-1.9	97050	501	1.950	1.830	6.6
92593	502	29.800	29.800	0.0	95410	501	3.650	3.590	1.7	97050	502	1.950	1.830	6.6
92663	501	0.480	0.480	0.0	95410	502	3.650	3.590	1.7	97111	501	4.380	4.290	2.1
92663	502	0.480	0.480	0.0	95455	501	4.290	4.340	-1.2	97111	502	4.380	4.290	2.1
94007	501	9.090	8.910	2.0	95455	502	4.290	4.340	-1.2	97220	501	0.280	0.280	0.0
94007	502	9.090	8.910	2.0	95487	501	1.970	1.930	2.1	97220	502	0.280	0.280	0.0
94099	501	2.070	2.030	2.0	95487	502	1.970	1.930	2.1	97222	501	1.500	1.500	0.0
94099	502	2.070	2.030	2.0	95505	501	2.000	2.020	-1.0	97222	502	1.500	1.500	0.0
94225	501	7.280	7.140	2.0	95505	502	2.000	2.020	-1.0	97223	501	2.270	2.270	0.0
94225	502	7.280	7.140	2.0	95620	501	1.590	1.560	1.9	97223	502	2.270	2.270	0.0
94276	501	3.790	3.710	2.2	95620	502	1.590	1.560	1.9	97308	501	0.520	0.520	0.0
94276	502	3.790	3.710	2.2	95625	501	3.900	3.660	6.6	97308	502	0.520	0.520	0.0
94304	501	2.900	2.900	0.0	95625	502	3.900	3.660	6.6	97447	501	1.700	1.720	-1.2
94304	502	2.900	2.900	0.0	95647	501	2.730	2.740	-0.4	97447	502	1.700	1.720	-1.2
94381	501	5.440	5.450	-0.2	95647	502	2.730	2.740	-0.4	97650	501	3.020	2.960	2.0

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97650	502	3.020	2.960	2.0	98160	501	3.990	4.040	-1.2	98423	502	3.410	3.340	2.1
97651	501	5.030	5.090	-1.2	98160	502	3.990	4.040	-1.2	98424	501	5.780	5.670	1.9
97651	502	5.030	5.090	-1.2	98161	501	4.480	4.530	-1.1	98424	502	5.780	5.670	1.9
97652	501	4.370	4.410	-0.9	98161	502	4.480	4.530	-1.1	98425	501	2.370	2.330	1.7
97652	502	4.370	4.410	-0.9	98163	501	4.700	4.740	-0.8	98425	502	2.370	2.330	1.7
97653	501	2.580	2.540	1.6	98163	502	4.700	4.740	-0.8	98426	501	2.100	2.060	1.9
97653	502	2.580	2.540	1.6	98164	501	1.920	1.920	0.0	98426	502	2.100	2.060	1.9
97654	501	4.510	4.430	1.8	98164	502	1.920	1.920	0.0	98427	501	2.050	2.010	2.0
97654	502	4.510	4.430	1.8	98257	501	1.220	1.200	1.7	98427	502	2.050	2.010	2.0
97655	501	3.880	3.920	-1.0	98257	502	1.220	1.200	1.7	98429	501	0.920	0.940	-2.1
97655	502	3.880	3.920	-1.0	98303	501	8.840	8.930	-1.0	98429	502	0.920	0.940	-2.1
98002	501	0.710	0.710	0.0	98303	502	8.840	8.930	-1.0	98449	501	2.930	2.880	1.7
98002	502	0.710	0.710	0.0	98304	501	4.520	4.440	1.8	98449	502	2.930	2.880	1.7
98003	501	0.800	0.790	1.3	98304	502	4.520	4.440	1.8	98482	501	3.140	3.080	1.9
98003	502	0.800	0.790	1.3	98305	501	2.020	1.890	6.9	98482	502	3.140	3.080	1.9
98090	501	0.108	0.107	0.9	98305	502	2.020	1.890	6.9	98483	501	4.640	4.550	2.0
98090	502	0.108	0.107	0.9	98306	501	5.190	4.860	6.8	98483	502	4.640	4.550	2.0
98091	501	0.118	0.116	1.7	98306	502	5.190	4.860	6.8	98502	501	4.440	4.360	1.8
98091	502	0.118	0.116	1.7	98307	501	1.430	1.400	2.1	98502	502	4.440	4.360	1.8
98092	501	0.360	0.360	0.0	98307	502	1.430	1.400	2.1	98555	501	2.070	2.030	2.0
98092	502	0.360	0.360	0.0	98308	501	0.940	0.920	2.2	98555	502	2.070	2.030	2.0
98111	501	0.580	0.570	1.8	98308	502	0.940	0.920	2.2	98597	501	0.470	0.450	4.4
98111	502	0.580	0.570	1.8	98309	501	4.440	4.490	-1.1	98597	502	0.470	0.450	4.4
98152	501	2.360	2.390	-1.3	98309	502	4.440	4.490	-1.1	98598	501	0.159	0.156	1.9
98152	502	2.360	2.390	-1.3	98344	501	0.570	0.520	9.6	98598	502	0.159	0.156	1.9
98153	501	2.660	2.690	-1.1	98344	502	0.570	0.520	9.6	98601	501	5.310	5.220	1.7
98153	502	2.660	2.690	-1.1	98405	501	0.920	0.870	5.7	98601	502	5.310	5.220	1.7
98154	501	3.150	3.180	-0.9	98405	502	0.920	0.870	5.7	98624	501	0.830	0.820	1.2
98154	502	3.150	3.180	-0.9	98413	501	11.900	11.700	1.7	98624	502	0.830	0.820	1.2
98155	501	4.400	4.450	-1.1	98413	502	11.900	11.700	1.7	98636	501	2.790	2.800	-0.4
98155	502	4.400	4.450	-1.1	98414	501	10.900	10.700	1.9	98636	502	2.790	2.800	-0.4
98157	501	2.810	2.850	-1.4	98414	502	10.900	10.700	1.9	98640	501	91.700	89.900	2.0
98157	502	2.810	2.850	-1.4	98415	501	1.430	1.400	2.1	98640	502	91.700	89.900	2.0
98159	501	1.890	1.910	-1.0	98415	502	1.430	1.400	2.1	98658	501	4.550	4.590	-0.9
98159	502	1.890	1.910	-1.0	98423	501	3.410	3.340	2.1	98658	502	4.550	4.590	-0.9

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98659	501	0.810	0.820	-1.2	99003	502	1.410	1.380	2.2	99571	501	0.630	0.630	0.0
98659	502	0.810	0.820	-1.2	99004	501	2.280	2.130	7.0	99571	502	0.630	0.630	0.0
98677	501	14.500	14.100	2.8	99004	502	2.280	2.130	7.0	99572	501	1.230	1.240	-0.8
98677	502	14.500	14.100	2.8	99080	501	0.990	0.980	1.0	99572	502	1.230	1.240	-0.8
98678	501	12.800	12.500	2.4	99080	502	0.990	0.980	1.0	99573	501	1.170	1.180	-0.8
98678	502	12.800	12.500	2.4	99111	501	1.450	1.410	2.8	99573	502	1.170	1.180	-0.8
98699	501	4.180	4.100	2.0	99111	502	1.450	1.410	2.8	99600	501	0.990	0.930	6.5
98699	502	4.180	4.100	2.0	99163	501	3.450	3.380	2.1	99600	502	0.990	0.930	6.5
98705	501	6.430	6.500	-1.1	99163	502	3.450	3.380	2.1	99613	501	7.310	7.160	2.1
98705	502	6.430	6.500	-1.1	99165	501	0.750	0.740	1.4	99613	502	7.310	7.160	2.1
98710	501	2.900	2.850	1.8	99165	502	0.750	0.740	1.4	99614	501	2.210	2.070	6.8
98710	502	2.900	2.850	1.8	99220	501	1.220	1.240	-1.6	99614	502	2.210	2.070	6.8
98751	501	3.440	3.480	-1.1	99220	502	1.220	1.240	-1.6	99620	501	0.400	0.390	2.6
98751	502	3.440	3.480	-1.1	99222	501	2.290	2.320	-1.3	99620	502	0.400	0.390	2.6
98805	501	3.790	3.710	2.2	99222	502	2.290	2.320	-1.3	99650	501	1.230	1.240	-0.8
98805	502	3.790	3.710	2.2	99223	501	0.213	0.208	2.4	99650	502	1.230	1.240	-0.8
98806	501	2.600	2.600	0.0	99223	502	0.213	0.208	2.4	99709	501	3.040	3.040	0.0
98806	502	2.600	2.600	0.0	99303	501	11.500	11.400	0.9	99709	502	3.040	3.040	0.0
98810	501	2.840	2.660	6.8	99303	502	11.500	11.400	0.9	99718	501	1.160	1.150	0.9
98810	502	2.840	2.660	6.8	99310	501	2.890	2.840	1.8	99718	502	1.160	1.150	0.9
98813	501	2.740	2.570	6.6	99310	502	2.890	2.840	1.8	99746	501	1.980	1.940	2.1
98813	502	2.740	2.570	6.6	99315	501	8.500	8.340	1.9	99746	502	1.980	1.940	2.1
98820	501	7.240	7.100	2.0	99315	502	8.500	8.340	1.9	99760	501	0.225	0.221	1.8
98820	502	7.240	7.100	2.0	99321	501	8.240	8.090	1.9	99760	502	0.225	0.221	1.8
98884	501	1.890	1.850	2.2	99321	502	8.240	8.090	1.9	99777	501	4.930	4.610	6.9
98884	502	1.890	1.850	2.2	99471	501	0.560	0.560	0.0	99777	502	4.930	4.610	6.9
98914	501	0.560	0.560	0.0	99471	502	0.560	0.560	0.0	99793	501	2.500	2.460	1.6
98914	502	0.560	0.560	0.0	99505	501	4.510	4.520	-0.2	99793	502	2.500	2.460	1.6
98949	501	0.770	0.780	-1.3	99505	502	4.510	4.520	-0.2	99826	501	0.570	0.520	9.6
98949	502	0.770	0.780	-1.3	99506	501	5.550	5.560	-0.2	99826	502	0.570	0.520	9.6
98967	501	2.960	2.900	2.1	99506	502	5.550	5.560	-0.2	99827	501	0.360	0.360	0.0
98967	502	2.960	2.900	2.1	99507	501	4.850	4.850	0.0	99827	502	0.360	0.360	0.0
98993	501	5.330	5.350	-0.4	99507	502	4.850	4.850	0.0	99851	501	1.460	1.430	2.1
98993	502	5.330	5.350	-0.4	99570	501	2.600	2.600	0.0	99851	502	1.460	1.430	2.1
99003	501	1.410	1.380	2.2	99570	502	2.600	2.600	0.0	99917	501	2.360	2.310	2.2

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99917	502	2.360	2.310	2.2										
99938	501	2.650	2.600	1.9										
99938	502	2.650	2.600	1.9										
99943	501	7.690	7.540	2.0										
99943	502	7.690	7.540	2.0										
99946	501	5.730	5.620	2.0										
99946	502	5.730	5.620	2.0										
99948	501	6.420	6.430	-0.2										
99948	502	6.420	6.430	-0.2										
99952	501	4.160	3.900	6.7										
99952	502	4.160	3.900	6.7										
99953	501	4.500	4.210	6.9										
99953	502	4.500	4.210	6.9										
99954	501	3.270	3.060	6.9										
99954	502	3.270	3.060	6.9										
99955	501	4.100	3.830	7.0										
99955	502	4.100	3.830	7.0										
99963	501	0.570	0.560	1.8										
99963	502	0.570	0.560	1.8										
99969	501	2.220	2.240	-0.9										
99969	502	2.220	2.240	-0.9										
99975	501	3.630	3.410	6.5										
99975	502	3.630	3.410	6.5										
99988	501	1.960	1.990	-1.5										
99988	502	1.960	1.990	-1.5										

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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	0.159	0.177	-10.2	13759	0.182	0.151	20.5
10026	0.024	0.020	20.0	11288	0.093	0.091	2.2	13930	0.174	0.201	-13.4
10040	0.320	0.300	6.7	12014	0.047	0.038	23.7	14068	0.012	0.014	-14.3
10042	0.650	0.540	20.4	12356	0.042	0.031	35.5 U	14101	0.055	0.045	22.2
10060	0.101	0.082	23.2	12361	0.070	0.077	-9.1	14279	0.092	0.070	31.4
10065	0.049	0.036	36.1 U	12373	0.023	0.024	-4.2	14401	0.119	0.122	-2.5
10066	0.080	0.065	23.1	12374	0.075	0.073	2.7	14527	0.179	0.189	-5.3
10070	0.151	0.154	-1.9	12375	0.040	0.050	-20.0 L	14855	0.133	0.154	-13.6
10071	0.130	0.103	26.2	12391	0.070	0.082	-14.6	14913	0.236	0.187	26.2
10073	0.650	0.650	0.0	12509	0.031	0.036	-13.9	15223	0.044	0.041	7.3
10075	0.260	0.190	36.8 U	12510	0.037	0.030	23.3	15224	0.072	0.071	1.4
10100	0.069	0.054	27.8	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	0.021	0.017	23.5
10107	0.350	0.280	25.0	12797	0.194	0.196	-1.0	15600	0.135	0.099	36.4 U
10111	0.067	0.078	-14.1	12805	0.175	0.129	35.7	15608	0.013	0.011	18.2
10115	0.100	0.078	28.2	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	0.036	0.030	20.0
10141	0.023	0.023	0.0	13112	0.063	0.063	0.0	15991	0.106	0.081	30.9
10145	0.010	0.010	0.0	13201	0.144	0.160	-10.0	15993	0.068	0.055	23.6
10146	0.017	0.015	13.3	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	0.250	0.184	35.9
10257	0.148	0.169	-12.4	13351	0.065	0.048	35.4 U	16527	0.320	0.350	-8.6
10309	0.022	0.018	22.2	13352	0.062	0.051	21.6	16604	0.122	0.146	-16.4
10352	0.067	0.070	-4.3	13410	2.350	2.990	-21.4	16676	0.017	0.014	21.4
11020	0.250	0.199	25.6	13412	1.210	1.140	6.1	16705	0.131	0.148	-11.5
11039	0.088	0.078	12.8	13506	0.102	0.081	25.9	16750	0.034	0.032	6.3
11126	0.024	0.022	9.1	13507	0.217	0.184	17.9	16900	0.134	0.133	0.8
11127	0.013	0.010	30.0	13590	0.670	0.740	-9.5	16901	0.131	0.156	-16.0
11128	0.109	0.086	26.7	13621	0.330	0.320	3.1	16902	0.057	0.066	-13.6
11203	0.460	0.520	-11.5	13670	0.017	0.015	13.3	16905	0.134	0.133	0.8
11204	2.040	1.690	20.7	13673	0.018	0.016	12.5	16906	0.131	0.156	-16.0
11234	0.078	0.062	25.8	13715	0.145	0.165	-12.1	16910	0.070	0.071	-1.4
11248	0.016	0.018	-11.1	13716	0.140	0.123	13.8	16911	0.069	0.073	-5.5
11258	0.234	0.270	-13.3	13720	0.065	0.059	10.2	16915	0.058	0.060	-3.3

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LOSS COST % CHANGE BY CLASS

CLASS	PROPOSED OCCURR	PRESENT OCCURR	% CHG	CLASS	PROPOSED OCCURR	PRESENT OCCURR	% CHG	CLASS	PROPOSED OCCURR	PRESENT OCCURR	% CHG
16916	0.073	0.074	-1.4	51116	0.690	0.690	0.0	51666	0.089	0.101	-11.9
16920	0.127	0.128	-0.8	51205	0.059	0.071	-16.9	51734	0.350	0.310	12.9
16921	0.045	0.050	-10.0	51206	0.320	0.390	-17.9	51741	0.243	0.260	-6.5
16930	0.206	0.216	-4.6	51220	1.900	2.280	-16.7	51752	0.150	0.165	-9.1
16931	0.093	0.090	3.3	51221	1.760	1.780	-1.1	51767	0.007	0.008	-12.5
16940	0.045	0.050	-10.0	51222	4.530	3.670	23.4	51777	0.077	0.078	-1.3
16941	0.102	0.115	-11.3	51224	1.490	1.450	2.8	51808	0.680	0.730	-6.8
18078	0.156	0.132	18.2	51230	0.740	0.790	-6.3	51809	0.146	0.153	-4.6
18109	0.046	0.036	27.8	51240	0.196	0.185	5.9	51833	0.054	0.060	-10.0
18110	0.054	0.042	28.6	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	0.156	0.121	28.9	51254	0.032	0.039	-17.9	51889	0.011	0.012	-8.3
18335	0.021	0.017	23.5	51300	0.147	0.160	-8.1	51896	0.017	0.018	-5.6
18435	0.070	0.067	4.5	51305	0.880	0.960	-8.3	51900	0.100	0.095	5.3
18436	0.159	0.183	-13.1	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	0.007	0.006	16.7	51333	0.320	0.340	-5.9	51927	0.132	0.131	0.8
18507	0.011	0.009	22.2	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	0.027	0.020	35.0 U	51355	0.091	0.094	-3.2	51957	0.460	0.420	9.5
18834	0.154	0.126	22.2	51356	0.560	0.620	-9.7	51958	0.370	0.410	-9.8
18911	0.024	0.019	26.3	51357	0.760	0.660	15.2	51960	0.330	0.350	-5.7
18912	0.048	0.037	29.7	51358	0.129	0.141	-8.5	51970	0.177	0.238	-25.6 L
18920	0.025	0.020	25.0	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	0.059	0.052	13.5	51380	0.041	0.044	-6.8	51999	0.400	0.440	-9.1
45900	0.042	0.052	-19.2 L	51500	0.116	0.119	-2.5	52002	0.114	0.129	-11.6
45901	0.045	0.049	-8.2	51550	0.400	0.390	2.6	52075	0.222	0.243	-8.6
49239	0.460	0.600	-23.3	51551	0.890	0.910	-2.2	52134	0.600	0.630	-4.8
49617	0.320	0.260	23.1	51552	0.152	0.159	-4.4	52315	0.270	0.260	3.8
49618	0.111	0.082	35.4	51575	0.021	0.020	5.0	52433	0.800	1.020	-21.6
49619	0.157	0.123	27.6	51576	0.097	0.093	4.3	52469	0.096	0.104	-7.7
50010	0.380	0.490	-22.4	51600	0.172	0.191	-9.9	52505	0.237	0.216	9.7
51001	0.420	0.450	-6.7	51613	0.139	0.139	0.0	52547	0.070	0.078	-10.3

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LOSS COST % CHANGE BY CLASS

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

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LOSS COST % CHANGE BY CLASS

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59781	0.085	0.068	25.0 U	91341	7.490	6.480	15.6	96409	16.400	14.400	13.9
59782	0.560	0.460	21.7	91342	5.260	4.720	11.4	96410	13.800	12.100	14.0
59798	0.460	0.500	-8.0	91343	1.970	1.820	8.2	96611	2.040	2.000	2.0
59886	0.100	0.108	-7.4	91436	3.240	2.980	8.7	97221	1.280	1.300	-1.5
59889	0.187	0.165	13.3	91507	4.760	4.500	5.8	97222	2.140	2.200	-2.7
59904	0.076	0.061	24.6 U	91551	0.950	0.870	9.2	97223	4.530	5.160	-12.2
59905	0.120	0.132	-9.1	91555	1.350	1.240	8.9	97447	8.170	6.740	21.2
59914	0.690	0.680	1.5	91560	6.020	5.510	9.3	97650	5.610	5.080	10.4
59915	0.660	0.750	-12.0	91577	4.950	4.150	19.3	97651	5.920	5.010	18.2
59917	0.232	0.205	13.2	91746	6.750	5.690	18.6	97652	7.140	5.250	36.0 U
59923	0.005	0.004	25.0 U	92053	0.750	0.670	11.9	97653	4.230	3.880	9.0
59925	1.190	1.190	0.0	92054	0.232	0.247	-6.1	97654	3.880	3.640	6.6
59926	0.460	0.450	2.2	92055	0.260	0.270	-3.7	97655	6.590	6.760	-2.5
59927	1.300	1.420	-8.5	92101	4.360	3.920	11.2	98002	1.300	1.240	4.8
59931	0.480	0.550	-12.7	92102	5.590	4.600	21.5	98152	1.070	0.840	27.4
59932	0.800	0.880	-9.1	92215	4.770	4.180	14.1	98157	0.440	0.510	-13.7
59947	0.300	0.320	-6.3	92338	3.280	2.820	16.3	98163	0.220	0.241	-8.7
59955	0.132	0.143	-7.7	92446	2.210	2.170	1.8	98164	0.070	0.078	-10.3
59963	0.370	0.410	-9.8	92447	2.280	2.080	9.6	98303	8.840	9.340	-5.4
59964	0.066	0.069	-4.3	92451	2.980	2.630	13.3	98304	5.340	4.470	19.5
59970	0.169	0.183	-7.7	92478	2.310	2.160	6.9	98305	2.810	2.370	18.6
59975	0.190	0.227	-16.3	94007	8.420	7.410	13.6	98306	1.200	1.150	4.3
59984	0.049	0.053	-7.5	94276	6.260	6.020	4.0	98307	0.600	0.620	-3.2
59988	0.055	0.059	-6.8	94381	22.700	18.000	26.1	98308	1.450	1.310	10.7
59989	0.041	0.044	-6.8	94404	8.000	6.400	25.0	98309	3.600	2.870	25.4
91111	8.250	7.680	7.4	94569	5.720	4.880	17.2	98344	0.860	0.850	1.2
91125	2.360	2.660	-11.3	95124	1.150	0.850	35.3 U	98449	35.500	34.100	4.1
91127	1.450	1.590	-8.8	95310	1.740	1.390	25.2	98482	11.200	9.360	19.7
91150	8.040	7.340	9.5	95410	3.870	3.650	6.0	98483	28.700	26.500	8.3
91155	63.100	54.900	14.9	95455	2.240	1.650	35.8 U	98502	6.000	5.240	14.5
91235	3.280	3.790	-13.5	95505	3.400	2.900	17.2	98636	4.560	4.250	7.3
91265	3.300	3.440	-4.1	95625	6.090	4.860	25.3	98659	0.410	0.440	-6.8
91266	1.460	1.260	15.9	95647	7.540	6.800	10.9	98677	15.000	13.500	11.1
91280	5.340	3.930	35.9 U	96053	6.780	6.250	8.5	98678	23.300	21.500	8.4
91340	13.100	12.600	4.0	96408	17.500	17.100	2.3	98805	2.050	1.670	22.8

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98806	4.620	4.250	8.7								
98813	2.570	2.390	7.5								
98820	5.110	4.590	11.3								
98884	3.090	2.590	19.3								
98914	0.610	0.660	-7.6								
98949	0.360	0.390	-7.7								
98967	18.300	14.500	26.2								
98993	4.080	5.110	-20.2								
99003	2.030	2.030	0.0								
99004	2.340	2.210	5.9								
99080	10.600	10.600	0.0								
99163	0.490	0.530	-7.5								
99315	3.210	2.700	18.9								
99321	3.380	3.140	7.6								
99613	3.150	2.850	10.5								
99650	1.420	1.250	13.6								
99746	4.440	3.910	13.6								
99803	15.400	14.200	8.5								
99826	0.780	0.690	13.0								
99827	0.660	0.630	4.8								
99946	3.680	3.430	7.3								
99948	36.200	34.400	5.2								
99952	27.400	25.500	7.5								
99953	14.500	15.200	-4.6								
99954	12.400	13.800	-10.1								
99955	8.980	9.280	-3.2								
99969	5.340	3.930	35.9 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 The objective of this procedure is to determine the indicated loss cost level change. This procedure answers the question: What percentage changes must be made on average to the current ISO loss costs in order for them to be adequate to cover indemnity losses and all loss adjustment expenses incurred in the prospective period in which the revised loss costs will be used?

DESCRIPTION This procedure compares the developed and trended incurred losses and loss adjustment expenses with the aggregate loss costs at current ISO loss cost level (see definition, below). This experience ratio (losses and all loss adjustment expenses divided by aggregate loss costs) is calculated for several years and a weighted average is calculated. For Premises/Operations, the standard procedure has been to use the latest three accident years to calculate the weighted average using 20%-30%-50% weights with the highest weight assigned to the most recent year.

However, due to the impact that the COVID-19 pandemic and subsequent recession had on experience from March 2020 and beyond, the procedure has been revised to include a fourth year to calculate the weighted average of the Premises/Operations experience ratios. Equal weights are assigned to each year.

For Products/Completed Operations, the standard procedure remains unchanged. The latest three accident years are weighted 20%-30%-50%, with the highest weight going to the most recent accident year.

For Premises/Operations, in order to minimize the impact of random variation in the observed losses, the average experience ratio is then credibility-weighted with the expected experience ratio, which reflects trend and the relative adequacy of current loss costs. This credibility-weighted experience ratio is the indicated statewide advisory loss cost level change in decimal form.

For Products/Completed Operations, the average experience ratio is the indicated multistate advisory loss cost level change, in decimal form. Products/Completed Operations data is assumed to be fully credible.

EXPERIENCE The experience used in this review is the latest available simplified data as
BASE 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.

METHODOLOGY OVERVIEW
OVERVIEW OF ISO ACTUARIAL PROCEDURES - GENERAL LIABILITY

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

AGGREGATE
LOSS
COSTS

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

INCURRED
LOSSES
& LAE

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

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

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

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

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

METHODOLOGY OVERVIEW
OVERVIEW OF ISO ACTUARIAL PROCEDURES - GENERAL LIABILITY

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

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

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

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

CREDIBILITY-WEIGHTED EXPERIENCE RATIO For Premises/Operations, the weighted experience ratio is credibility-weighted with the expected experience ratio defined above. The resulting credibility-weighted experience ratio, converted to a percentage, is the indicated change to the current monoline-multiline loss cost level.

METHODOLOGY OVERVIEW
OVERVIEW OF ISO ACTUARIAL PROCEDURES - GENERAL LIABILITY

STEP 2 - DISTRIBUTION OF BASIC LIMIT LOSS COST LEVEL INDICATION

OBJECTIVE For Premises/Operations, the objective of this procedure is to distribute the statewide basic limit loss cost level indication to the individual types of policy, territories and class groups using a minimum bias iterative procedure. This procedure is used to answer the question: What percentage changes by territory and class group must be made to the current ISO loss costs in order to achieve adequacy for the prospective conditions? Similarly, for Products, the multistate basic limit loss cost level change is distributed via the minimum bias iterative procedure to type of policy and class group. For Local Products/Completed Operations the change is also distributed to state.

**PREMISES/
OPERATIONS** For Premises/Operations, this procedure arrives at a set of type of policy, class group and territory relative changes that best represent the experience within each state. The type of policy relative changes serve to derive the relationship of the CPP policies relative to monoline policies, via the PMF, while the class group and territory relative changes serve to derive the relationship of the various classifications and territories relative to one another.

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

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

PRODUCTS Products is reviewed using multistate data; a two-way minimum bias iterative procedure is used to arrive at a set of type of policy and class group relative changes that best represent the experience. The type of policy relative changes serve to derive the relationship of CPP policies relative to monoline policies, via the PMF, while the class group relative changes serve to derive the relationship of the various classifications relative to one another.

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

METHODOLOGY OVERVIEW
OVERVIEW OF ISO ACTUARIAL PROCEDURES - GENERAL LIABILITY

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

PRODUCTS(Cont'd) The overall multistate monoline loss cost level indication is the monoline/multiline aggregate loss costs at current level weighted average of the class group indications.

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

LOCAL PRODUCTS/
COMPLETED
OPERATIONS

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

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

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

EXPLANATORY NOTES TO DETERMINATION OF INDICATED
LOSS COST LEVEL CHANGE

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

For Premises/Operations, the loss cost level indication is based upon a review of the latest four years of basic limit experience of companies reporting to Insurance Services Office, Inc. For Products/Completed Operations, 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 June 30, 2017, 2018, 2019 and 2020 are weighted 25%, 25%, 25% and 25% 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

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

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

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

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

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

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

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

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

EXPLANATION OF EXPOSURE DEVELOPMENT

IMPORTANCE OF APPLICATION

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

APPLICATION OF EXPOSURE DEVELOPMENT FACTORS

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

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

The immature experience reported as of 15 and 27 months for accident years ending 6/30/2020 and 6/30/2019 must be adjusted to an ultimate exposure development basis. This adjustment is accomplished through the use of an exposure development factor. Exposures are assumed to be mature at 39 months. Exposure development factors are based on experience evaluated as of September 30, 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.

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

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 September 30, 2020. Products/Completed Operations data is evaluated as of March 31, 2020.

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

The immature experience reported as of 15, 27, 39 and 51 months for accident years ending 6/30/2020, 6/30/2019, 6/30/2018 and 6/30/2017 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 June 30, 2020 evaluated as of September 30, 2020. If an analogous procedure is used for ALAE, the variability of the experience can lead to unusually high (or low) estimates of ultimate ALAE.

INCREMENTAL ALAE PERCENTAGES

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

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

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

EXPLANATION OF ALLOCATED LOSS ADJUSTMENT EXPENSE (ALAE) DEVELOPMENT

DESCRIPTION OF METHODOLOGY

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

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

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

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

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
2001	A	G	L	P	S	U	Z*
2002	B	H	M	Q	T	Y*	
2003	C	I	N	R	X*	Y*	
2004	D	J	O	W*	X*	Y*	
2005	E	K	V*	W*	X*	Y*	
2006	F						
Best 3 out of 5#	BTOF1	BTOF2	BTOF3	BTOF4	BTOF5	BTOF6	

* Calculated using the Modified Bondy Procedure.

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

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

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

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

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

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

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

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

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.

EXPLANATION OF TREND CALCULATION

SEVERITY
TREND
(Cont'd)

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

FREQUENCY
TREND

The historical occurrence frequency data are displayed in 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 6/31/2007 - 6/31/2020. 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:

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

The rule for Owners, Landlords and Tenants is:

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

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

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

For Manufacturers and Contractors:

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

For Owners, Landlords and Tenants:

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

For Products:

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

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

CREDIBILITY STANDARDS

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

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

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

(1)	(2)	(3) \$100,000	(4)	(5)	(6)
ACCIDENT YEAR ENDING	AGGREGATE LOSS COSTS AT CURRENT LEVEL (A)	BASIC LIMIT INCURRED LOSSES (B)	YEAR WEIGHTS	EXPERIENCE RATIO	NUMBER OF INCURRED OCCURRENCES
06/30/2017	\$11,603,473	\$9,975,018	0.25	0.860	404
06/30/2018	12,155,343	12,671,693	0.25	1.042	426
06/30/2019	12,622,181	16,071,657	0.25	1.273	394
06/30/2020	12,765,571	16,145,339	0.25	1.265	341

(7)	WEIGHTED EXPERIENCE RATIO	1.110
(8)	EXPECTED EXPERIENCE RATIO (SEE FOOTNOTE C)	1.023
(9)	CREDIBILITY BASED ON LATEST FOUR YEARS NUMBER OF INCURRED OCCURRENCES (SEE SECTION B - CREDIBILITY STANDARDS)	0.49
(10)	CREDIBILITY-WEIGHTED EXPERIENCE RATIO {(7) X (9)} + {(8) X {1.0 - (9)}}	1.066
(11)	INDICATED MONOLINE-MULTILINE LOSS COST LEVEL CHANGE {(10)-1} X 100%	+ 6.6 %
(12)	STATEWIDE INDICATED MONOLINE CHANGE (SEE SECTION D - BASIC LIMIT RELATIVE CHANGE ANALYSIS)	+ 2.2 %
(13)	STATEWIDE SELECTED MONOLINE CHANGE	+ 2.2 %

(A) THESE ARE CALCULATED BY SUMMING OVER THE CLASSES THE PRODUCTS OF REPORTED EXPOSURES, EXPOSURE TREND AND DEVELOPMENT, AND \$100,000 BASIC LIMIT LOSS COSTS AT CURRENT ISO LEVEL. FOR DETAILS, SEE SECTION 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 12/01/2021. FOR DETAILS, SEE SECTION E - CALCULATION OF INCURRED LOSSES.

(C) THE EXPECTED EXPERIENCE RATIO IS THE NET TREND (1.023). THE NET TREND IS THE ANNUAL NET TREND FACTOR (1.023) TO AN EXPONENT (1.000), THE PERIOD FROM ONE YEAR BEYOND THE LAST REVIEW OR EFFECTIVE DATE (12/01/2021) TO ONE YEAR BEYOND THE ASSUMED EFFECTIVE DATE (12/01/2022).

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

(1)	(2)	(3) \$100,000	(4)	(5)	(6)
ACCIDENT YEAR ENDING	AGGREGATE LOSS COSTS AT CURRENT LEVEL (A)	BASIC LIMIT INCURRED LOSSES (B)	YEAR WEIGHTS	EXPERIENCE RATIO	NUMBER OF INCURRED OCCURRENCES
06/30/2017	\$12,655,268	\$13,530,042	0.25	1.069	610
06/30/2018	13,181,418	12,326,976	0.25	0.935	536
06/30/2019	13,307,608	13,498,876	0.25	1.014	530
06/30/2020	12,607,563	14,877,691	0.25	1.180	408

(7)	WEIGHTED EXPERIENCE RATIO	1.050
(8)	EXPECTED EXPERIENCE RATIO (SEE FOOTNOTE C)	1.037
(9)	CREDIBILITY BASED ON LATEST FOUR YEARS NUMBER OF INCURRED OCCURRENCES (SEE SECTION B - CREDIBILITY STANDARDS)	0.59
(10)	CREDIBILITY-WEIGHTED EXPERIENCE RATIO {(7) X (9)} + {(8) X {1.0 - (9)}}	1.045
(11)	INDICATED MONOLINE-MULTILINE LOSS COST LEVEL CHANGE {(10)-1} X 100%	+ 4.5 %
(12)	STATEWIDE INDICATED MONOLINE CHANGE (SEE SECTION D - BASIC LIMIT RELATIVE CHANGE ANALYSIS)	+ 0.7 %
(13)	STATEWIDE SELECTED MONOLINE CHANGE	+ 0.7 %

(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 12/01/2021. 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 (12/01/2021) TO ONE YEAR BEYOND THE ASSUMED EFFECTIVE DATE (12/01/2022).

OREGON
 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	- 6.1 %
	(SEE SECTION D - BASIC LIMIT RELATIVE CHANGE ANALYSIS)	
(10)	INDICATED STATEWIDE MONOLINE CHANGE (SEE FOOTNOTE C).....	- 4.9 %
(11)	SELECTED STATEWIDE MONOLINE CHANGE.....	- 4.9 %

- (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) .

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

(1) ACCIDENT YEAR ENDING	(2) MULTISTATE AGGREGATE LOSS COSTS AT CURRENT LEVEL (A)	(3) MULTISTATE \$100,000 BASIC LIMIT INCURRED LOSSES (B)	(4) YEAR WEIGHTS	(5) EXPERIENCE RATIO	(6) NUMBER OF INCURRED OCCURRENCES
12/31/2017	\$343,172,047	\$355,978,064	0.20	1.037	6,339
12/31/2018	347,232,299	367,885,430	0.30	1.059	6,253
12/31/2019	352,878,101	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)..... + 11.8 %
- (11) SELECTED STATEWIDE MONOLINE CHANGE..... + 11.8 %

(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.

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OREGON
 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 1.066 OR + 6.6%	
TOP						
10	0.798	0.179	0.961	0.959		
33	1.984	0.037	1.026	1.025		
34	1.276	0.074	1.018	1.017		
35	2.986	0.022	1.024	1.023		
36	1.086	0.122	1.010	1.009		
37	0.726	0.093	0.971	0.970		
38	1.276	0.215	1.054	1.053		
					(5) INDICATED MONOLINE CHANGE	
CLASS GROUP						
30	0.980	0.081	0.998	0.995	+	1.7%
31	1.504	0.159	1.067	1.063	+	8.8%
32	1.088	0.207	1.018	1.014	+	3.7%
33	0.863	0.068	0.990	0.987	+	0.9%
34	0.681	0.109	0.959	0.956	-	2.3%
35	1.132	0.038	1.005	1.001	+	2.4%
36	0.681	0.075	0.972	0.968	-	1.0%
37	0.407	0.038	0.966	0.963	-	1.5%
38	0.822	0.094	0.982	0.978	+	0.1%
					OVERALL MONOLINE INDICATION + 2.2%	

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

OREGON
MANUFACTURERS AND CONTRACTORS
BASIC LIMIT RELATIVE CHANGE ANALYSIS

SUMMARY OF EXPERIENCE USED IN RELATIVE CHANGE ANALYSIS

TYPE OF POLICY	CLASS GROUP	(1) FISCAL A.Y.E. 06/30/2020 AGGREGATE LOSS COSTS AT CURRENT LEVEL	(2) FISCAL A.Y.E. 2016 - 2020 AGG LOSS COST CURRENT LEVEL	(3) FIVE YEAR EXPERIENCE RATIO	(4) RELATIV.	(5) NUMBER OF OCCURRENCES	(6) BAL CELL RELATIV.
10 MONOLINE	30 SERVICE	\$277,306	\$1,196,602	0.647	0.602	15	0.954
	31 LIGHT CONTRACTING	297,140	1,319,105	2.356	2.192	120	1.020
	32 MEDIUM CONTRCTING	2,394,372	11,131,411	0.859	0.799	296	0.973
	33 HEAVY CONTRACTING	416,994	2,150,413	0.923	0.859	27	0.947
	34 DEALER OR DISTRIB	258,095	1,256,915	0.275	0.256	27	0.917
	35 LGT. MANUFACTURER	81,463	635,737	0.356	0.332	8	0.961
	36 MED. MANUFACTURER	340,186	1,310,275	0.706	0.657	35	0.929
	37 HVY. MANUFACTURER	284,817	1,518,403	0.099	0.092	4	0.924
	38 MISC. OPERATION	370,556	1,784,076	0.706	0.657	46	0.939
	TOTAL *	\$4,720,929	\$22,302,937	0.837		578	
33 MULT OFFICE	31 LIGHT CONTRACTING	\$4,472	\$76,836	0.356	0.331	4	1.089
	32 MEDIUM CONTRCTING	2,332	11,924	0.000	0.000	0	1.039
	33 HEAVY CONTRACTING	47,968	319,239	0.362	0.337	5	1.011
	38 MISC. OPERATION	100,579	583,201	2.639	2.455	16	1.002
		TOTAL *	\$155,351	\$991,200	1.830		25
34 MULT MERCANTILE	30 SERVICE	\$48,657	\$186,851	0.862	0.802	7	1.012
	32 MEDIUM CONTRCTING	38,824	156,837	0.348	0.324	10	1.031
	34 DEALER OR DISTRIB	518,543	2,265,985	1.027	0.956	69	0.972
	36 MED. MANUFACTURER	14,027	80,119	0.000	0.000	0	0.985
	38 MISC. OPERATION	65,919	238,729	1.621	1.508	13	0.995
		TOTAL *	\$685,970	\$2,928,521	1.013		99
35 MULT INSTITUT.	31 LIGHT CONTRACTING	\$477	\$4,396	4.293	3.994	1	1.088
	32 MEDIUM CONTRCTING	24,696	131,748	3.502	3.259	8	1.038
		TOTAL *	\$25,173	\$136,144	3.517		9
36 MULT SERVICES	30 SERVICE	\$19,341	\$111,621	2.310	2.150	12	1.004
	31 LIGHT CONTRACTING	99,474	694,129	1.366	1.271	44	1.073
	32 MEDIUM CONTRCTING	90,877	390,465	1.647	1.532	14	1.023
	33 HEAVY CONTRACTING	9,075	54,419	4.748	4.418	3	0.995
	34 DEALER OR DISTRIB	525,107	2,210,888	0.852	0.793	112	0.964
	36 MED. MANUFACTURER	12,660	49,064	0.728	0.678	2	0.977
	38 MISC. OPERATION	283,307	1,204,001	0.673	0.626	81	0.987
		TOTAL *	\$1,039,841	\$4,714,587	0.982		268

OREGON
MANUFACTURERS AND CONTRACTORS
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SUMMARY OF EXPERIENCE USED IN RELATIVE CHANGE ANALYSIS

TYPE OF POLICY	CLASS GROUP	(1)	(2)	(3)	(4)	(5)	(6)
		FISCAL A.Y.E. 06/30/2020 AGGREGATE LOSS COSTS AT CURRENT LEVEL	FISCAL A.Y.E. 2016 - 2020 AGG LOSS COST CURRENT LEVEL	FIVE YEAR EXPERIENCE RATIO	RELATIV.	NUMBER OF OCCURRENCES	BAL CELL RELATIV.
37 MULT INDUST/PROC.	31 LIGHT CONTRACTING	\$574	\$2,736	0.000	0.000	0	1.031
	32 MEDIUM CONTRCTING	626,429	3,048,346	0.647	0.602	39	0.983
	33 HEAVY CONTRACTING	19,453	117,046	0.091	0.085	3	0.956
	34 DEALER OR DISTRIB	26,169	138,600	0.568	0.529	6	0.926
	35 LGT. MANUFACTURER	200,935	1,017,239	1.132	1.053	18	0.971
	36 MED. MANUFACTURER	594,985	2,976,986	0.486	0.452	66	0.939
	37 HVY. MANUFACTURER	447,169	1,930,201	0.476	0.443	23	0.934
	38 MISC. OPERATION	11,391	44,291	4.436	4.127	3	0.949
	TOTAL *	\$1,927,105	\$9,275,445	0.624		158	
38 MULT CONTRACTORS	30 SERVICE	\$555,159	\$2,760,272	1.441	1.341	85	1.047
	31 LIGHT CONTRACTING	801,932	3,792,346	1.733	1.613	291	1.119
	32 MEDIUM CONTRCTING	2,284,012	11,006,781	1.632	1.519	410	1.067
	33 HEAVY CONTRACTING	514,168	2,404,411	1.129	1.050	47	1.038
	38 MISC. OPERATION	76,393	287,174	0.028	0.026	1	1.030
	TOTAL *	\$4,231,664	\$20,250,984	1.536		834	
TOTAL ALL TOP	30 SERVICE	\$900,463	\$4,255,346	1.184		119	
	31 LIGHT CONTRACTING	1,204,069	5,889,548	1.851		460	
	32 MEDIUM CONTRCTING	5,461,542	25,877,512	1.179		777	
	33 HEAVY CONTRACTING	1,007,658	5,045,528	1.020		85	
	34 DEALER OR DISTRIB	1,327,914	5,872,388	0.803		214	
	35 LGT. MANUFACTURER	282,398	1,652,976	0.908		26	
	36 MED. MANUFACTURER	961,858	4,416,444	0.560		103	
	37 HVY. MANUFACTURER	731,986	3,448,604	0.329		27	
	38 MISC. OPERATION	908,145	4,141,472	0.966		160	
	TOTAL *	\$12,786,033	\$60,599,818	1.075		1,971	

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

OREGON
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	(1) BAILEY FORMULA RELATIV.	(2) CREDIBILITY Z	(3) Z-WTD RELATIV.	(4) BALANCED RELATIV.	(5) STATEWIDE COVERAGE IND. OF 1.045 OR + 4.5%
TOP					
10	0.810	0.191	0.961	0.962	
31	1.080	0.113	1.009	1.011	
32	1.249	0.085	1.019	1.021	
33	1.019	0.150	1.003	1.005	
34	1.067	0.196	1.013	1.015	
35	0.659	0.103	0.958	0.960	
36	1.234	0.118	1.025	1.027	
CLASS GROUP					(5) INDICATED MONOLINE CHANGE
01	0.679	0.075	0.971	0.972	- 2.0%
02	0.865	0.157	0.978	0.978	- 1.5%
03	0.723	0.088	0.972	0.972	- 1.9%
04	0.338	0.026	0.972	0.973	- 2.3%
05	1.065	0.039	1.002	1.003	+ 0.5%
06	1.259	0.076	1.018	1.018	+ 2.4%
07	0.996	0.103	1.000	1.000	+ 1.3%
08	0.972	0.026	0.999	1.000	+ 0.9%
09	1.138	0.145	1.019	1.020	+ 3.3%
10	1.385	0.105	1.035	1.035	+ 4.2%
11	1.100	0.095	1.009	1.010	+ 1.0%
12	1.002	0.201	1.000	1.001	+ 0.5%
13	0.960	0.058	0.998	0.998	+ 0.6%
16	0.000	0.000	1.000	1.001	- 1.6%
					OVERALL MONOLINE INDICATION + 0.7%

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

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	(1)	(2)	(3)	(4)	(5)
TERRITORY	BAILEY FORMULA RELATIV.	CREDIBILITY Z	Z-WTD RELATIV.	BALANCED RELATIV.	INDICATED MONOLINE CHG.
501	0.901	0.194	0.980	0.978	- 1.7%
502	1.044	0.324	1.014	1.012	+ 1.7%

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

OREGON
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SUMMARY OF EXPERIENCE USED IN RELATIVE CHANGE ANALYSIS

TERRITORY	501		(1)	(2)	(3)	(4)	(5)	(6)
			FISCAL A.Y.E. 06/30/2020 AGGREGATE LOSS COSTS AT CURRENT LEVEL	FISCAL A.Y.E. 2016 - 2020 AGG LOSS COST CURRENT LEVEL	FIVE YEAR EXPERIENCE RATIO	RELATIV.	NUMBER OF OCCURRENCES	BAL CELL RELATIV.
TYPE OF POLICY	CLASS GROUP							
10 MONOLINE	01 FOOD&BEV. (RETAIL)		\$23,036	\$102,981	0.437	0.427	6	0.915
	02 RESTAURANTS		86,010	548,498	0.889	0.869	14	0.921
	03 STORES		41,019	126,664	0.048	0.047	2	0.915
	04 VENDING & RENTAL		7,623	39,227	0.270	0.264	2	0.916
	05 FOOD & BEV. DIST.		49,436	229,891	0.207	0.202	1	0.944
	06 NON-FOOD&BEV.DIST		34,644	159,388	0.340	0.333	5	0.959
	07 CLUBS, AMSMT&SPRTS		84,216	372,639	0.547	0.535	16	0.942
	08 HEALTH CARE FACIL		1,438	7,973	0.000	0.000	0	0.941
	09 HOTELS AND MOTELS		84,920	791,548	0.794	0.776	26	0.960
	10 SCHLS & CHURCHES		81,265	378,687	1.149	1.123	14	0.975
	11 APARTMENTS		332,275	1,371,191	0.647	0.632	30	0.950
	12 BUILDINGS&OFFICES		405,489	2,427,262	0.762	0.745	75	0.942
	13 MISC. PREMISES		2,563	131,352	0.042	0.041	3	0.940
	TOTAL *		\$1,233,934	\$6,687,301	0.684		194	
31 MULT MOTEL/HOTEL	09 HOTELS AND MOTELS		\$161,105	\$905,675	0.845	0.826	33	1.008
	TOTAL *		\$161,105	\$905,675	0.845		33	
32 MULT APARTMENT	11 APARTMENTS		\$251,159	\$1,184,126	1.618	1.582	45	1.008
	12 BUILDINGS&OFFICES		105,823	379,752	0.119	0.117	4	1.000
	TOTAL *		\$356,982	\$1,563,878	1.174		49	
33 MULT OFFICE	12 BUILDINGS&OFFICES		\$761,165	\$4,138,418	0.963	0.941	134	0.984
	13 MISC. PREMISES		5,846	33,425	0.000	0.000	0	0.981
	TOTAL *		\$767,011	\$4,171,843	0.956		134	
34 MULT MERCANTILE	01 FOOD&BEV. (RETAIL)		\$132,394	\$483,750	0.702	0.686	17	0.965
	02 RESTAURANTS		540,736	2,771,956	0.812	0.794	116	0.971
	03 STORES		114,141	617,659	1.175	1.149	24	0.965
	04 VENDING & RENTAL		496	20,149	0.000	0.000	0	0.966
	05 FOOD & BEV. DIST.		21,436	92,892	3.644	3.562	4	0.996
	06 NON-FOOD&BEV.DIST		76,492	443,389	1.260	1.232	26	1.011
	12 BUILDINGS&OFFICES		79,396	597,143	0.696	0.681	11	0.994
	TOTAL *		\$965,091	\$5,026,938	0.928		198	

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SUMMARY OF EXPERIENCE USED IN RELATIVE CHANGE ANALYSIS

TERRITORY	501		(1)	(2)	(3)	(4)	(5)	(6)
			FISCAL A.Y.E. 06/30/2020 AGGREGATE LOSS COSTS AT CURRENT LEVEL	FISCAL A.Y.E. 2016 - 2020 AGG LOSS COST CURRENT LEVEL	FIVE YEAR EXPERIENCE RATIO	RELATIV.	NUMBER OF OCCURRENCES	BAL CELL RELATIV.
TYPE OF POLICY	CLASS GROUP							
35 MULT INSTITUT.	07 CLUBS,AMSMT&SPRTS		\$3,371	\$7,055	0.225	0.220	0	0.939
	08 HEALTH CARE FACIL		21,969	108,565	0.473	0.462	3	0.939
	10 SCHLS & CHURCHES		103,462	555,773	1.183	1.157	24	0.972
	12 BUILDINGS&OFFICES		1,297	6,908	0.234	0.229	0	0.940
	16 GOVT SUBDIVISIONS		1,414	164,006	0.000	0.000	0	0.939
	TOTAL *		\$131,513	\$842,307	1.018		27	
36 MULT SERVICES	03 STORES		\$22,170	\$94,127	2.228	2.178	8	0.977
	04 VENDING & RENTAL		11,494	56,127	0.443	0.433	1	0.977
	07 CLUBS,AMSMT&SPRTS		82,884	496,002	1.198	1.171	13	1.005
	08 HEALTH CARE FACIL		44	330	0.000	0.000	0	1.005
	09 HOTELS AND MOTELS		30,100	113,712	2.357	2.304	10	1.024
	10 SCHLS & CHURCHES		3,854	23,117	0.167	0.163	0	1.040
	12 BUILDINGS&OFFICES		52,696	255,890	1.597	1.561	7	1.006
	13 MISC. PREMISES		45,686	262,687	0.754	0.737	6	1.003
	TOTAL *		\$248,928	\$1,301,992	1.382		45	
	TOTAL ALL	TOP						
	01 FOOD&BEV. (RETAIL)		\$155,430	\$586,731	0.663		23	
	02 RESTAURANTS		626,746	3,320,454	0.823		130	
	03 STORES		177,330	838,450	1.046		34	
	04 VENDING & RENTAL		19,613	115,503	0.364		3	
	05 FOOD & BEV. DIST.		70,872	322,783	1.246		5	
	06 NON-FOOD&BEV.DIST		111,136	602,777	0.973		31	
	07 CLUBS,AMSMT&SPRTS		170,471	875,696	0.857		29	
	08 HEALTH CARE FACIL		23,451	116,868	0.443		3	
	09 HOTELS AND MOTELS		276,125	1,810,935	0.994		69	
	10 SCHLS & CHURCHES		188,581	957,577	1.148		38	
	11 APARTMENTS		583,434	2,555,317	1.065		75	
	12 BUILDINGS&OFFICES		1,405,866	7,805,373	0.850		231	
	13 MISC. PREMISES		54,095	427,464	0.639		9	
	16 GOVT SUBDIVISIONS		1,414	164,006	0.000		0	
	TOTAL *		\$3,864,564	\$20,499,934	0.907		680	

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

OREGON
OWNERS, LANDLORDS AND TENANTS
BASIC LIMIT RELATIVE CHANGE ANALYSIS

SUMMARY OF EXPERIENCE USED IN RELATIVE CHANGE ANALYSIS

TERRITORY 502

TYPE OF POLICY	CLASS GROUP	(1)	(2)	(3)	(4)	(5)	(6)
		FISCAL A.Y.E. 06/30/2020 AGGREGATE LOSS COSTS AT CURRENT LEVEL	FISCAL A.Y.E. 2016 - 2020 AGG LOSS COST CURRENT LEVEL	FIVE YEAR EXPERIENCE RATIO	RELATIV.	NUMBER OF OCCURRENCES	BAL CELL RELATIV.
10 MONOLINE	01 FOOD&BEV. (RETAIL)	\$86,165	\$323,457	1.127	1.102	20	0.947
	02 RESTAURANTS	120,781	631,159	0.681	0.665	33	0.953
	03 STORES	114,005	607,723	0.481	0.470	26	0.947
	04 VENDING & RENTAL	10,930	60,126	0.800	0.782	5	0.947
	05 FOOD & BEV. DIST.	46,446	127,471	0.204	0.199	4	0.977
	06 NON-FOOD&BEV.DIST	80,876	422,502	2.500	2.444	61	0.992
	07 CLUBS, AMSMT&SPRTS	297,308	1,417,545	0.852	0.833	70	0.974
	08 HEALTH CARE FACIL	12,785	52,289	2.277	2.226	2	0.974
	09 HOTELS AND MOTELS	231,095	1,421,561	1.566	1.531	70	0.993
	10 SCHLS & CHURCHES	129,841	538,139	1.238	1.210	36	1.008
	11 APARTMENTS	241,908	1,438,920	0.608	0.594	30	0.983
	12 BUILDINGS&OFFICES	467,933	2,730,010	0.740	0.724	99	0.975
	13 MISC. PREMISES	12,818	424,173	0.484	0.473	10	0.972
	TOTAL *	\$1,852,891	\$10,195,075	0.949		466	
31 MULT MOTEL/HOTEL	09 HOTELS AND MOTELS	\$923,842	\$4,176,344	1.363	1.332	200	1.043
	TOTAL *	\$923,842	\$4,176,344	1.363		200	
32 MULT APARTMENT	11 APARTMENTS	\$356,403	\$1,678,994	1.614	1.578	59	1.043
	12 BUILDINGS&OFFICES	94,757	380,082	1.003	0.980	25	1.034
	TOTAL *	\$451,160	\$2,059,076	1.486		84	
33 MULT OFFICE	12 BUILDINGS&OFFICES	\$1,267,916	\$6,227,786	1.088	1.064	272	1.018
	13 MISC. PREMISES	10,656	62,146	0.159	0.156	1	1.015
	TOTAL *	\$1,278,572	\$6,289,932	1.080		273	
34 MULT MERCANTILE	01 FOOD&BEV. (RETAIL)	\$360,648	\$1,660,290	0.637	0.623	60	0.998
	02 RESTAURANTS	1,254,171	5,599,014	0.992	0.970	282	1.004
	03 STORES	339,387	1,626,987	0.763	0.746	57	0.999
	04 VENDING & RENTAL	3,850	17,126	0.000	0.000	0	0.999
	05 FOOD & BEV. DIST.	42,190	223,329	1.372	1.341	19	1.030
	06 NON-FOOD&BEV.DIST	133,973	745,141	0.725	0.709	13	1.046
	12 BUILDINGS&OFFICES	200,734	1,121,618	1.545	1.510	68	1.028
	13 MISC. PREMISES	52	315	0.000	0.000	0	1.025
	TOTAL *	\$2,335,005	\$10,993,820	0.941		499	

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SUMMARY OF EXPERIENCE USED IN RELATIVE CHANGE ANALYSIS

TERRITORY	502		(1)	(2)	(3)	(4)	(5)	(6)
			FISCAL A.Y.E. 06/30/2020 AGGREGATE LOSS COSTS AT CURRENT LEVEL	FISCAL A.Y.E. 2016 - 2020 AGG LOSS COST CURRENT LEVEL	FIVE YEAR EXPERIENCE RATIO	RELATIV.	NUMBER OF OCCURRENCES	BAL CELL RELATIV.
TYPE OF POLICY	CLASS GROUP							
35 MULT INSTITUT.	07 CLUBS,AMSMT&SPRTS		\$245,366	\$1,200,803	0.762	0.745	28	0.972
	08 HEALTH CARE FACIL		58,003	387,221	0.451	0.441	8	0.971
	10 SCHLS & CHURCHES		288,583	1,500,876	0.854	0.835	127	1.006
	12 BUILDINGS&OFFICES		3,593	19,425	1.293	1.264	4	0.972
	TOTAL *		\$595,545	\$3,108,325	0.780		167	
36 MULT SERVICES	03 STORES		\$131,095	\$512,375	0.747	0.730	23	1.011
	04 VENDING & RENTAL		16,744	91,981	0.166	0.162	5	1.011
	07 CLUBS,AMSMT&SPRTS		556,937	2,451,561	1.313	1.283	64	1.040
	08 HEALTH CARE FACIL		961	3,825	0.000	0.000	0	1.039
	09 HOTELS AND MOTELS		433,763	1,994,290	1.127	1.102	44	1.060
	10 SCHLS & CHURCHES		5,325	18,818	0.000	0.000	0	1.076
	12 BUILDINGS&OFFICES		46,953	266,208	3.352	3.277	29	1.040
	13 MISC. PREMISES		115,472	587,159	1.579	1.544	41	1.038
	TOTAL *		\$1,307,250	\$5,926,217	1.270		206	
	TOTAL ALL	TOP						
	01 FOOD&BEV. (RETAIL)		\$446,813	\$1,983,747	0.731		80	
	02 RESTAURANTS		1,374,952	6,230,173	0.965		315	
	03 STORES		584,487	2,747,085	0.704		106	
	04 VENDING & RENTAL		31,524	169,233	0.365		10	
	05 FOOD & BEV. DIST.		88,636	350,800	0.760		23	
	06 NON-FOOD&BEV.DIST		214,849	1,167,643	1.393		74	
	07 CLUBS,AMSMT&SPRTS		1,099,611	5,069,909	1.065		162	
	08 HEALTH CARE FACIL		71,749	443,335	0.771		10	
	09 HOTELS AND MOTELS		1,588,700	7,592,195	1.328		314	
	10 SCHLS & CHURCHES		423,749	2,057,833	0.961		163	
	11 APARTMENTS		598,311	3,117,914	1.207		89	
	12 BUILDINGS&OFFICES		2,081,886	10,745,129	1.102		497	
	13 MISC. PREMISES		138,998	1,073,793	1.369		52	
	TOTAL *		\$8,744,265	\$42,748,789	1.074		1,895	

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

OREGON
OWNERS, LANDLORDS AND TENANTS
BASIC LIMIT RELATIVE CHANGE ANALYSIS

SUMMARY OF EXPERIENCE USED IN RELATIVE CHANGE ANALYSIS

TERRITORY	ALL	(1) FISCAL A.Y.E. 06/30/2020 AGGREGATE LOSS COSTS AT CURRENT LEVEL	(2) FISCAL A.Y.E. 2016 - 2020 AGG LOSS COST CURRENT LEVEL	(3) FIVE YEAR EXPERIENCE RATIO	(4) RELATIV.	(5) NUMBER OF OCCURRENCES	(6) BAL CELL RELATIV.
TYPE OF POLICY	CLASS GROUP						
10 MONOLINE	01 FOOD&BEV. (RETAIL)	\$109,201	\$426,438	0.981		26	
	02 RESTAURANTS	206,791	1,179,657	0.767		47	
	03 STORES	155,024	734,387	0.366		28	
	04 VENDING & RENTAL	18,553	99,353	0.582		7	
	05 FOOD & BEV. DIST.	95,882	357,362	0.205		5	
	06 NON-FOOD&BEV.DIST	115,520	581,890	1.852		66	
	07 CLUBS, AMSMT&SPRTS	381,524	1,790,184	0.784		86	
	08 HEALTH CARE FACIL	14,223	60,262	2.047		2	
	09 HOTELS AND MOTELS	316,015	2,213,109	1.358		96	
	10 SCHLS & CHURCHES	211,106	916,826	1.204		50	
	11 APARTMENTS	574,183	2,810,111	0.630		60	
	12 BUILDINGS&OFFICES	873,422	5,157,272	0.750		174	
	13 MISC. PREMISES	15,381	555,525	0.410		13	
	TOTAL *	\$3,086,825	\$16,882,376	0.843		660	
31 MULT MOTEL/HOTEL	09 HOTELS AND MOTELS	\$1,084,947	\$5,082,019	1.286		233	
	TOTAL *	\$1,084,947	\$5,082,019	1.286		233	
32 MULT APARTMENT	11 APARTMENTS	\$607,562	\$2,863,120	1.616		104	
	12 BUILDINGS&OFFICES	200,580	759,834	0.537		29	
	TOTAL *	\$808,142	\$3,622,954	1.348		133	
33 MULT OFFICE	12 BUILDINGS&OFFICES	\$2,029,081	\$10,366,204	1.041		406	
	13 MISC. PREMISES	16,502	95,571	0.103		1	
	TOTAL *	\$2,045,583	\$10,461,775	1.034		407	
34 MULT MERCANTILE	01 FOOD&BEV. (RETAIL)	\$493,042	\$2,144,040	0.654		77	
	02 RESTAURANTS	1,794,907	8,370,970	0.938		398	
	03 STORES	453,528	2,244,646	0.867		81	
	04 VENDING & RENTAL	4,346	37,275	0.000		0	
	05 FOOD & BEV. DIST.	63,626	316,221	2.137		23	
	06 NON-FOOD&BEV.DIST	210,465	1,188,530	0.919		39	
	12 BUILDINGS&OFFICES	280,130	1,718,761	1.304		79	
	13 MISC. PREMISES	52	315	0.000		0	
	TOTAL *	\$3,300,096	\$16,020,758	0.938		697	

OREGON
OWNERS, LANDLORDS AND TENANTS
BASIC LIMIT RELATIVE CHANGE ANALYSIS

SUMMARY OF EXPERIENCE USED IN RELATIVE CHANGE ANALYSIS

TERRITORY	ALL		(1)	(2)	(3)	(4)	(5)	(6)
			FISCAL A.Y.E. 06/30/2020 AGGREGATE LOSS COSTS AT CURRENT LEVEL	FISCAL A.Y.E. 2016 - 2020 AGG LOSS COST CURRENT LEVEL	FIVE YEAR EXPERIENCE RATIO	RELATIV.	NUMBER OF OCCURRENCES	BAL CELL RELATIV.
TYPE OF POLICY	CLASS GROUP							
35 MULT INSTITUT.	07 CLUBS,AMSMT&SPRTS		\$248,737	\$1,207,858	0.755		28	
	08 HEALTH CARE FACIL		79,972	495,786	0.457		11	
	10 SCHLS & CHURCHES		392,045	2,056,649	0.941		151	
	12 BUILDINGS&OFFICES		4,890	26,333	1.012		4	
	16 GOVT SUBDIVISIONS		1,414	164,006	0.000		0	
	TOTAL *		\$727,058	\$3,950,632	0.823		194	
36 MULT SERVICES	03 STORES		\$153,265	\$606,502	0.961		31	
	04 VENDING & RENTAL		28,238	148,108	0.279		6	
	07 CLUBS,AMSMT&SPRTS		639,821	2,947,563	1.298		77	
	08 HEALTH CARE FACIL		1,005	4,155	0.000		0	
	09 HOTELS AND MOTELS		463,863	2,108,002	1.207		54	
	10 SCHLS & CHURCHES		9,179	41,935	0.070		0	
	12 BUILDINGS&OFFICES		99,649	522,098	2.424		36	
	13 MISC. PREMISES		161,158	849,846	1.345		47	
	TOTAL *		\$1,556,178	\$7,228,209	1.288		251	
	TOTAL ALL	TOP						
	01 FOOD&BEV. (RETAIL)		\$602,243	\$2,570,478	0.714		103	
	02 RESTAURANTS		2,001,698	9,550,627	0.920		445	
	03 STORES		761,817	3,585,535	0.784		140	
	04 VENDING & RENTAL		51,137	284,736	0.365		13	
	05 FOOD & BEV. DIST.		159,508	673,583	0.976		28	
	06 NON-FOOD&BEV.DIST		325,985	1,770,420	1.250		105	
	07 CLUBS,AMSMT&SPRTS		1,270,082	5,945,605	1.037		191	
	08 HEALTH CARE FACIL		95,200	560,203	0.690		13	
	09 HOTELS AND MOTELS		1,864,825	9,403,130	1.278		383	
	10 SCHLS & CHURCHES		612,330	3,015,410	1.018		201	
	11 APARTMENTS		1,181,745	5,673,231	1.137		164	
	12 BUILDINGS&OFFICES		3,487,752	18,550,502	1.000		728	
	13 MISC. PREMISES		193,093	1,501,257	1.164		61	
	16 GOVT SUBDIVISIONS		1,414	164,006	0.000		0	
	TOTAL *		\$12,608,829	\$63,248,723	1.023		2,575	

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

OREGON
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						
						(5) INDICATED MULTISTATE MONOLINE CHANGE	(6) INDICATED STATEWIDE MONOLINE CHANGE#*	(7) SELECTED STATEWIDE MONOLINE CHANGE			
CLASS GROUP	3	1.020	0.456	1.009	1.013	-	4.9%	-	2.8%	-	2.8%
	4	0.934	0.390	0.974	0.977	-	8.3%	-	7.1%	-	7.1%
	5	1.299	0.127	1.034	1.037	-	2.6%	-	4.4%	-	4.4%
	6	1.020	0.312	1.006	1.010	-	5.2%	-	5.1%	-	5.1%
	7	0.986	0.168	0.998	1.001	-	6.0%	-	7.1%	-	7.1%
				OVERALL MONOLINE	INDICATION	-	6.1%	-	4.9%	-	4.9%

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 ALCCCL 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.

OREGON
 LOCAL PRODUCTS/COMPLETED OPERATIONS
 BASIC LIMIT RELATIVE CHANGE ANALYSIS

	(1) BAILEY FORMULA RELATIV.	(2) CREDIBILITY Z	(3) Z-WTD RELATIV.	(4) BALANCED RELATIV.			
TOP					MULTISTATE COVERAGE IND. OF 1.082 OR + 8.2%		
10	1.013	0.781	1.010	1.009			
34	1.059	0.502	1.029	1.028			
36	0.919	0.535	0.956	0.955			
37	1.063	0.143	1.009	1.008			
38	0.996	0.991	0.996	0.995			
					(5)	(6)	(7)
CLASS GROUP					INDICATED MULTISTATE MONOLINE CHANGE	INDICATED STATEWIDE MONOLINE CHANGE#*	SELECTED STATEWIDE MONOLINE CHANGE
1	0.808	0.501	0.899	0.894	- 3.4%	- 2.8%	- 2.8%
2	0.989	0.512	0.994	0.989	+ 7.7%	+ 9.8%	+ 9.3%
11	1.091	0.353	1.031	1.026	+ 12.1%	+ 16.8%	+ 16.7%
12	1.018	1.000	1.018	1.012	+ 10.3%	+ 12.4%	+ 12.4%
13	0.822	0.264	0.950	0.945	+ 2.7%	+ 6.7%	+ 6.7%
OVERALL MONOLINE INDICATION					+ 9.3%	+ 11.8%	+ 11.8%

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

* Monoline/Multiline ALCCCL 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		
	1.227	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		
	1.077	0.482	1.036	1.036		
	1.362	0.116	1.036	1.036		
	1.171	0.145	1.023	1.023		
	1.102	0.196	1.019	1.019		
Oregon	1.048	0.380	1.018	1.018	11.8%	11.8%
	1.052	0.299	1.015	1.015		
	1.047	0.330	1.015	1.015		
	1.077	0.174	1.013	1.013		
	1.035	0.362	1.012	1.012		
	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	1.004	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	0.997	0.996		
	0.990	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		
	0.895	0.190	0.979	0.979		
	0.684	0.055	0.979	0.979		
	0.931	0.383	0.973	0.972		
	0.812	0.165	0.966	0.966		
	0.867	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		
	0.800	0.387	0.917	0.917		
	0.644	0.196	0.917	0.917		
	0.757	0.314	0.916	0.916		
	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.

OREGON
 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	\$18,365	\$73,051	2.072	1.907	7	0.918
	02 RET.STRS-NTFD/DRG	18,203	94,098	3.496	3.218	13	1.016
	11 COMP. OPS. (LOW)	113,582	584,387	0.430	0.396	14	1.054
	12 COMP. OPS. (MED)	2,693,277	12,330,544	0.938	0.863	155	1.040
	13 COMP. OPS. (HGH)	155,587	665,387	0.842	0.775	2	0.970
	TOTAL *	\$2,999,014	\$13,747,467	0.936		191	
34 MULT MERCANTILE	01 RET.STRS-FOOD/DRG	\$227,264	\$871,135	0.766	0.705	40	0.935
	02 RET.STRS-NTFD/DRG	132,177	570,891	1.453	1.338	21	1.035
	12 COMP. OPS. (MED)	70,901	264,150	0.682	0.627	4	1.059
	TOTAL *	\$430,342	\$1,706,176	0.963		65	
36 MULT SERVICES	01 RET.STRS-FOOD/DRG	\$15,758	\$87,557	0.297	0.273	5	0.869
	02 RET.STRS-NTFD/DRG	430,576	1,750,944	0.828	0.762	66	0.961
	11 COMP. OPS. (LOW)	41,886	194,897	0.372	0.342	1	0.997
	12 COMP. OPS. (MED)	145,941	773,937	0.724	0.666	14	0.984
	13 COMP. OPS. (HGH)	26,069	140,352	0.155	0.143	1	0.918
	TOTAL *	\$660,230	\$2,947,687	0.737		87	
37 MULT INDUST/PROC.	01 RET.STRS-FOOD/DRG	\$450	\$3,819	0.000	0.000	0	0.917
	11 COMP. OPS. (LOW)	1,687	8,183	13.434	12.366	1	1.052
	12 COMP. OPS. (MED)	99,802	472,689	0.268	0.246	5	1.038
	TOTAL *	\$101,939	\$484,691	0.484		6	
38 MULT CONTRACTORS	11 COMP. OPS. (LOW)	\$332,003	\$1,403,316	2.065	1.900	27	1.039
	12 COMP. OPS. (MED)	5,462,681	25,590,318	1.287	1.185	406	1.025
	13 COMP. OPS. (HGH)	248,365	1,299,144	0.985	0.907	16	0.957
	TOTAL *	\$6,043,049	\$28,292,778	1.317		449	
TOTAL ALL TOP	01 RET.STRS-FOOD/DRG	\$261,837	\$1,035,562	0.828		52	
	02 RET.STRS-NTFD/DRG	580,956	2,415,933	1.054		100	
	11 COMP. OPS. (LOW)	489,158	2,190,783	1.579		43	
	12 COMP. OPS. (MED)	8,472,602	39,431,638	1.149		584	
	13 COMP. OPS. (HGH)	430,021	2,104,883	0.883		19	
	TOTAL *	\$10,234,574	\$47,178,799	1.145		798	

* 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	\$8,420,906	\$39,991,609	0.851		2,982	
	02 RET.STRS-NTFD/DRG	5,561,155	26,343,265	1.248		672	
	12 COMP. OPS. (MED)	2,449,900	11,651,099	1.126		132	
	TOTAL *	\$16,431,961	\$77,985,973	1.026		3,786	
36 MULT SERVICES	01 RET.STRS-FOOD/DRG	\$850,649	\$4,343,160	1.305		191	
	02 RET.STRS-NTFD/DRG	14,223,267	58,971,026	0.948		2,767	
	11 COMP. OPS. (LOW)	3,234,837	15,453,155	1.070		482	
	12 COMP. OPS. (MED)	4,907,590	24,453,606	1.095		800	
	13 COMP. OPS. (HGH)	1,071,672	5,500,146	0.778		63	
	TOTAL *	\$24,288,015	\$108,721,093	0.999		4,303	
37 MULT INDUST/PROC.	01 RET.STRS-FOOD/DRG	\$18,708	\$99,534	0.356		1	
	11 COMP. OPS. (LOW)	112,124	572,337	1.066		19	
	12 COMP. OPS. (MED)	3,755,205	19,337,637	1.171		289	
	13 COMP. OPS. (HGH)	42,569	250,290	0.000		0	
	TOTAL *	\$3,928,606	\$20,259,798	1.151		309	
38 MULT CONTRACTORS	11 COMP. OPS. (LOW)	\$10,088,973	\$48,995,253	1.071		731	
	12 COMP. OPS. (MED)	164,618,861	819,998,075	1.102		13,301	
	13 COMP. OPS. (HGH)	14,387,568	69,459,681	0.947		720	
	TOTAL *	\$189,095,402	\$938,453,009	1.089		14,752	
TOTAL ALL TOP	01 RET.STRS-FOOD/DRG	\$11,728,578	\$55,915,427	0.896		3,775	
	02 RET.STRS-NTFD/DRG	22,772,395	99,735,839	1.039		3,934	
	11 COMP. OPS. (LOW)	18,557,786	89,853,001	1.180		1,877	
	12 COMP. OPS. (MED)	275,276,880	1,329,051,880	1.109		21,667	
	13 COMP. OPS. (HGH)	23,486,995	111,572,665	0.887		1,053	
	TOTAL *	\$351,822,634	\$1,686,128,812	1.086		32,306	

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

SECTION E

SUPPORTING MATERIAL -- PREMISES/OPERATIONS

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

TYPE OF POLICY	ACCIDENT YEAR ENDING	\$100,000		EXPOSURE			TREND#		AVERAGE IPMF*	=	TRENDED \$100,000	
		BASIC LIMIT AGGREGATE LOSS COSTS AT CURRENT LEVEL	X	DEVELOPMENT FACTOR+@	X	EXPOSURE TREND#	X	BASIC LIMIT AGGREGATE LOSS COSTS AT CURRENT LEVEL			X	
MONOLINE	06/30/2017	\$3,707,691		1.000		1.144					\$4,241,598	
	06/30/2018	4,045,160		1.000		1.113					4,502,263	
	06/30/2019	4,359,532		1.000		1.082					4,717,014	
	06/30/2020	4,456,312		0.995		1.063					4,713,374	
MULTILINE	06/30/2017	\$6,960,221		1.000		1.141		0.927			\$7,361,875	
	06/30/2018	7,451,038		1.000		1.108		0.927			7,653,080	
	06/30/2019	7,887,499		1.000		1.080		0.928			7,905,167	
	06/30/2020	8,179,486		0.995		1.065		0.929			8,052,197	
TOTAL	06/30/2017										\$11,603,473	
	06/30/2018										12,155,343	
	06/30/2019										12,622,181	
	06/30/2020										12,765,571	

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

@ THE EXPOSURE DEVELOPMENT FACTOR FOR THE LATEST YEAR HAS BEEN ADJUSTED BY APPLYING A FACTOR OF 0.970 TO REFLECT THE REDUCED EXPECTED EXPOSURE FOR M&C DUE TO THE COVID-19 PANDEMIC AND THE ECONOMIC RECESSION IN 2020. THE DERIVATION OF THE ADJUSTMENT IS EXPLAINED IN SECTION H.

AGGREGATE LOSS COSTS AT CURRENT LEVEL HAVE BEEN TRENDED FROM AN AVERAGE DATE OF COVERAGE TO ONE YEAR BEYOND AN ASSUMED EFFECTIVE DATE OF 12/01/2021 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.

OREGON
 MANUFACTURERS AND CONTRACTORS
 OCCURRENCE
 FULL COVERAGE
 CALCULATION OF INCURRED LOSSES

REPORT TYPE	LOSS DESCRIPTION	ACCIDENT YEAR ENDING	\$100,000 BASIC LIMIT LOSSES AND ALAE*				SEVERITY TREND	FREQUENCY TREND	=	\$100,000 BASIC LIMIT DEVELOPED & TRENDED LOSS AND LAE
			B/L INDEMNITY DEVELOPMENT FACTOR	X	UNALLOCATED LOSS ADJ FACTOR	X				
BI	B/L INDEMNITY	06/30/2017	\$1,740,793	1.001	1.080	1.298	1.000		\$2,442,754	
		06/30/2018	1,436,825	1.088	1.080	1.242	1.000		2,096,902	
		06/30/2019	1,551,877	1.661	1.080	1.188	1.000		3,307,251	
		06/30/2020	1,131,932	2.514	1.080	1.137	1.000		3,494,378	
BI	ALAE	06/30/2017	\$964,781		1.080	1.298	1.000		\$1,352,469	
		06/30/2018	907,694		1.080	1.242	1.000		1,217,544	
		06/30/2019	2,185,899		1.080	1.188	1.000		2,804,596	
		06/30/2020	2,105,795		1.080	1.137	1.000		2,585,832	
PD	B/L INDEMNITY	06/30/2017	\$1,875,487	1.049	1.080	1.298	1.000		\$2,757,960	
		06/30/2018	2,986,281	1.075	1.080	1.242	1.000		4,306,104	
		06/30/2019	3,746,447	1.095	1.080	1.188	1.000		5,263,491	
		06/30/2020	3,004,112	1.176	1.080	1.137	1.000		4,338,181	
PD	ALAE	06/30/2017	\$444,783		1.080	1.298	1.000		\$623,515	
		06/30/2018	867,380		1.080	1.242	1.000		1,163,469	
		06/30/2019	1,258,897		1.080	1.188	1.000		1,615,215	
		06/30/2020	1,927,250		1.080	1.137	1.000		2,366,586	
MED PAY#	B/L INDEMNITY	06/30/2017	\$59,584		1.080	1.298	1.000		\$83,527	
		06/30/2018	61,635		1.080	1.242	1.000		82,675	
		06/30/2019	41,970		1.080	1.188	1.000		53,849	
		06/30/2020	62,644		1.080	1.137	1.000		76,924	
FRINGE	B/L INDEMNITY	06/30/2017	\$101,647	1.042	1.080	1.000	1.000		\$114,389	
		06/30/2018	300,250	1.093	1.080	1.000	1.000		354,427	
		06/30/2019	269,105	1.244	1.080	1.000	1.000		361,548	
		06/30/2020	290,372	1.568	1.080	1.000	1.000		491,728	
FRINGE	ALAE	06/30/2017	\$122,121		1.080	1.000	1.000		\$131,891	
		06/30/2018	178,216		1.080	1.000	1.000		192,473	
		06/30/2019	302,743		1.080	1.000	1.000		326,962	
		06/30/2020	688,920		1.080	1.000	1.000		744,034	
TOTAL FULL COVERAGE		06/30/2017							\$7,506,504	
		06/30/2018							9,413,594	
		06/30/2019							13,732,913	
		06/30/2020							14,097,662	

* 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.

OREGON
 MANUFACTURERS AND CONTRACTORS
 OCCURRENCE
 DED COVERAGE
 CALCULATION OF INCURRED LOSSES

REPORT TYPE	LOSS DESCRIPTION	ACCIDENT YEAR ENDING	\$100,000				SEVERITY TREND	FREQUENCY TREND	=	\$100,000
			BASIC LIMIT LOSSES AND ALAE*	B/L INDEMNITY DEVELOPMENT FACTOR X	UNALLOCATED LOSS ADJ FACTOR X					BASIC LIMIT DEVELOPED & TRENDED LOSS AND LAE
BI	B/L INDEMNITY	06/30/2017	\$758,367	1.024	1.080	1.298	1.000		\$1,088,624	
		06/30/2018	622,522	1.162	1.080	1.242	1.000		970,300	
		06/30/2019	333,917	1.592	1.080	1.188	1.000		682,059	
		06/30/2020	124,172	2.662	1.080	1.137	1.000		405,897	
BI	ALAE	06/30/2017	\$365,569		1.080	1.298	1.000		\$512,469	
		06/30/2018	528,482		1.080	1.242	1.000		708,885	
		06/30/2019	606,412		1.080	1.188	1.000		778,051	
		06/30/2020	163,541		1.080	1.137	1.000		200,822	
PD	B/L INDEMNITY	06/30/2017	\$525,360	1.031	1.080	1.298	1.000		\$759,301	
		06/30/2018	910,531	1.044	1.080	1.242	1.000		1,275,089	
		06/30/2019	478,538	1.099	1.080	1.188	1.000		674,768	
		06/30/2020	753,176	1.226	1.080	1.137	1.000		1,133,891	
PD	ALAE	06/30/2017	\$72,127		1.080	1.298	1.000		\$101,111	
		06/30/2018	216,497		1.080	1.242	1.000		290,400	
		06/30/2019	148,774		1.080	1.188	1.000		190,883	
		06/30/2020	250,063		1.080	1.137	1.000		307,067	
MED PAY#	B/L INDEMNITY	06/30/2017	\$5,000		1.080	1.298	1.000		\$7,009	
		06/30/2018	10,008		1.080	1.242	1.000		13,424	
		06/30/2019	10,120		1.080	1.188	1.000		12,984	
		06/30/2020	0		1.080	1.137	1.000		0	
TOTAL DED COVERAGE		06/30/2017							\$2,468,514	
		06/30/2018							3,258,099	
		06/30/2019							2,338,745	
		06/30/2020							2,047,677	
TOTAL		06/30/2017							\$9,975,018	
		06/30/2018							12,671,693	
		06/30/2019							16,071,657	
		06/30/2020							16,145,339	

* 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.

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

TYPE OF POLICY	ACCIDENT YEAR ENDING	\$100,000		EXPOSURE			TREND#		AVERAGE		TRENDED \$100,000	
		BASIC LIMIT AGGREGATE LOSS COSTS AT CURRENT LEVEL	X	DEVELOPMENT FACTOR+	X	EXPOSURE TREND#	X	IPMF*	=	BASIC LIMIT AGGREGATE LOSS COSTS AT CURRENT LEVEL		
MONOLINE	06/30/2017	\$3,404,896		1.000		1.028					\$3,500,233	
	06/30/2018	3,565,559		1.000		1.023					3,647,567	
	06/30/2019	3,622,191		1.000		1.020					3,694,635	
	06/30/2020	3,031,774		1.004		1.014					3,086,516	
MULTILINE	06/30/2017	\$9,590,471		1.000		1.041		0.917			\$9,155,035	
	06/30/2018	10,054,917		1.000		1.034		0.917			9,533,851	
	06/30/2019	10,208,669		1.000		1.028		0.916			9,612,973	
	06/30/2020	10,139,809		1.004		1.021		0.916			9,521,047	
TOTAL	06/30/2017										\$12,655,268	
	06/30/2018										13,181,418	
	06/30/2019										13,307,608	
	06/30/2020										12,607,563	

+ 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 12/01/2021 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.

OREGON
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*				SEVERITY TREND		FREQUENCY TREND		=	\$100,000 BASIC LIMIT DEVELOPED & TRENDED LOSS AND LAE
			B/L INDEMNITY DEVELOPMENT FACTOR	X	UNALLOCATED LOSS ADJ FACTOR	X	X	X	X	X		
BI	B/L INDEMNITY	06/30/2017	\$5,214,614	1.002	1.080	1.298	0.971				\$7,112,259	
		06/30/2018	4,629,738	1.020	1.080	1.242	0.976				6,182,324	
		06/30/2019	4,242,651	1.182	1.080	1.188	0.981				6,311,956	
		06/30/2020	3,516,259	1.635	1.080	1.137	0.985				6,953,750	
BI	ALAE	06/30/2017	\$1,552,908		1.080	1.298	0.971				\$2,113,798	
		06/30/2018	1,781,047		1.080	1.242	0.976				2,331,689	
		06/30/2019	2,145,596		1.080	1.188	0.981				2,700,581	
		06/30/2020	2,597,938		1.080	1.137	0.985				3,142,311	
PD	B/L INDEMNITY	06/30/2017	\$857,507	1.095	1.080	1.373	0.971				\$1,351,965	
		06/30/2018	810,778	1.094	1.080	1.301	0.976				1,216,382	
		06/30/2019	1,112,262	1.181	1.080	1.233	0.981				1,715,982	
		06/30/2020	988,098	1.317	1.080	1.169	0.985				1,618,305	
PD	ALAE	06/30/2017	\$364,554		1.080	1.373	0.971				\$524,899	
		06/30/2018	534,186		1.080	1.301	0.976				732,560	
		06/30/2019	383,424		1.080	1.233	0.981				500,882	
		06/30/2020	545,838		1.080	1.169	0.985				678,794	
MED PAY#	B/L INDEMNITY	06/30/2017	\$687,896		1.080	1.298	0.971				\$936,355	
		06/30/2018	496,532		1.080	1.242	0.976				650,043	
		06/30/2019	600,000		1.080	1.188	0.981				755,197	
		06/30/2020	430,829		1.080	1.137	0.985				521,105	
FRINGE	B/L INDEMNITY	06/30/2017	\$326,801	1.034	1.080	1.000	0.971				\$354,362	
		06/30/2018	75,354	1.050	1.080	1.000	0.976				83,401	
		06/30/2019	161,128	1.272	1.080	1.000	0.981				217,146	
		06/30/2020	186,857	1.644	1.080	1.000	0.985				326,792	
FRINGE	ALAE	06/30/2017	\$473,222		1.080	1.000	0.971				\$496,258	
		06/30/2018	273,705		1.080	1.000	0.976				288,507	
		06/30/2019	256,414		1.080	1.000	0.981				271,665	
		06/30/2020	467,677		1.080	1.000	0.985				497,515	
TOTAL FULL COVERAGE		06/30/2017									\$12,889,895	
		06/30/2018									11,484,906	
		06/30/2019									12,473,409	
		06/30/2020									13,738,572	

* 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.

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

REPORT TYPE	LOSS DESCRIPTION	ACCIDENT YEAR ENDING	\$100,000				\$100,000		=
			BASIC LIMIT LOSSES AND ALAE*	B/L INDEMNITY DEVELOPMENT FACTOR X	UNALLOCATED LOSS ADJ FACTOR X	SEVERITY TREND X	FREQUENCY TREND X	BASIC LIMIT DEVELOPED & TRENDED LOSS AND LAE	
BI	B/L INDEMNITY	06/30/2017	\$296,964	0.999	1.080	1.298	0.971	\$403,819	
		06/30/2018	300,644	1.048	1.080	1.242	0.976	412,486	
		06/30/2019	354,345	1.273	1.080	1.188	0.981	567,759	
		06/30/2020	337,123	1.811	1.080	1.137	0.985	738,461	
BI	ALAE	06/30/2017	\$69,105		1.080	1.298	0.971	\$94,065	
		06/30/2018	44,592		1.080	1.242	0.976	58,378	
		06/30/2019	114,097		1.080	1.188	0.981	143,610	
		06/30/2020	261,164		1.080	1.137	0.985	315,888	
PD	B/L INDEMNITY	06/30/2017	\$72,448	1.079	1.080	1.373	0.971	\$112,554	
		06/30/2018	139,958	1.163	1.080	1.301	0.976	223,218	
		06/30/2019	155,554	1.202	1.080	1.233	0.981	244,254	
		06/30/2020	24,189	1.369	1.080	1.169	0.985	41,181	
PD	ALAE	06/30/2017	\$7,252		1.080	1.373	0.971	\$10,442	
		06/30/2018	67,592		1.080	1.301	0.976	92,693	
		06/30/2019	37,561		1.080	1.233	0.981	49,067	
		06/30/2020	16,557		1.080	1.169	0.985	20,590	
MED PAY#	B/L INDEMNITY	06/30/2017	\$14,155		1.080	1.298	0.971	\$19,268	
		06/30/2018	42,237		1.080	1.242	0.976	55,295	
		06/30/2019	16,507		1.080	1.188	0.981	20,777	
		06/30/2020	19,015		1.080	1.137	0.985	22,999	
TOTAL DED COVERAGE		06/30/2017						\$640,147	
		06/30/2018						842,070	
		06/30/2019						1,025,466	
		06/30/2020						1,139,119	
TOTAL		06/30/2017						\$13,530,042	
		06/30/2018						12,326,976	
		06/30/2019						13,498,876	
		06/30/2020						14,877,691	

* 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.

OREGON
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	0.814
34	Mercantile Policy	1.005
35	Institutional Policy	0.718
36	Service Policy	0.934
37	Industrial/Processing Policy	0.898
38	Contractors Policy	0.938

- (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.

OREGON
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	1.000
32	Apartment House Policy	1.000
33	Office Policy	0.969
34	Mercantile Policy	0.832
35	Institutional Policy	1.017
36	Service Policy	0.912
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.

OREGON

PREMISES/OPERATIONS
MANUFACTURERS AND CONTRACTORS

FULL & DEDUCTIBLE COMBINED
TOTAL LIMITS PREMIUM

CALCULATION OF EXPOSURE DEVELOPMENT FACTORS

(1) Evaluation Period	(2) Multistate Ratio (a)	(3) State Ratio (b)	(4) Credibility (c)	(5) Weighted Ratio (d)	(6) Credibility Constant(Ki)
15 to 27 Months	1.019	1.028	0.8083	1.026	22,000,000
27 to 39 Months	1.000	1.000	0.5641	1.000	70,000,000
<u>Accident Year Ending</u>	<u>27:15</u>	Exposure Development From <u>39:27</u>		<u>ULT:39</u>	<u>Factor@</u>
6/30/2018			1.000		1.000
6/30/2019		1.000	1.000		1.000
6/30/2020	1.026	1.000	1.000		1.026

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

@ An adjustment of 0.970 has been subsequently applied to the exposure development factor for the latest year to reflect the reduced expected exposure for M&C due to the COVID-19 pandemic and economic recession in 2020. The resulting exposure development factor is displayed on page E-2 and is reflected in the calculation of the ALCCL for the latest year. The derivation of this adjustment is explained in Section H

OREGON

PREMISES/OPERATIONS
OWNERS LANDLORDS AND TENANTS

FULL & DEDUCTIBLE COMBINED
TOTAL LIMITS PREMIUM

CALCULATION OF EXPOSURE DEVELOPMENT FACTORS

(1) Evaluation Period	(2) Multistate Ratio (a)	(3) State Ratio (b)	(4) Credibility (c)	(5) Weighted Ratio (d)	(6) Credibility Constant(Ki)
15 to 27 Months	1.002	1.005	0.5125	1.004	69,000,000
27 to 39 Months	1.000	1.000	0.3138	1.000	150,000,000
Accident Year Ending	Exposure Development From				Factor
	<u>27:15</u>	<u>39:27</u>	<u>ULT:39</u>		
6/30/2018			1.000		1.000
6/30/2019		1.000	1.000		1.000
6/30/2020	1.004	1.000	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) $\{(3) \times (4)\} + \{(2) \times \{1.000-(4)\}\}$

OREGON
MANUFACTURERS AND CONTRACTORS

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

Accident Year Ending	15 Months	27 Months	39 Months	51 Months	63 Months	75 Months	87 Months	99 Months
6/30/2013	21,522,132	21,572,845	21,541,974	21,558,342	21,545,301	21,544,739	21,541,092	21,541,092
6/30/2014	23,059,270	23,479,842	23,428,295	23,407,391	23,410,524	23,409,082	23,409,082	
6/30/2015	25,033,330	25,483,398	25,528,378	25,541,865	25,541,866	25,541,866		
6/30/2016	27,555,449	28,576,158	28,568,039	28,565,422	28,565,417			
6/30/2017	29,203,931	30,033,802	30,044,749	30,044,737				
6/30/2018	30,896,783	31,974,194	32,011,545					
6/30/2019	32,681,089	33,337,873						
6/30/2020	32,221,509							

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>
6/30/2013	1.002	0.999	1.001	0.999	1.000	1.000	1.000
6/30/2014	1.018	0.998	0.999	1.000	1.000	1.000	
6/30/2015	1.018	1.002	1.001	1.000	1.000		
6/30/2016	1.037	1.000	1.000	1.000			
6/30/2017	1.028	1.000	1.000				
6/30/2018	1.035	1.001					
6/30/2019	1.020						
6/30/2020							

Average Best 3 of 5

<u>27:15</u>	<u>39:27</u>
1.028	1.000

OREGON
OWNERS LANDLORDS AND TENANTS

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

Accident Year Ending	15 Months	27 Months	39 Months	51 Months	63 Months	75 Months	87 Months	99 Months
6/30/2013	18,062,931	18,152,943	18,105,626	18,109,425	18,109,598	18,109,576	18,109,615	18,109,615
6/30/2014	19,399,080	19,563,784	19,568,724	19,574,064	19,572,095	19,572,095	19,572,095	
6/30/2015	20,426,499	20,560,889	20,564,121	20,572,558	20,572,536	20,572,536		
6/30/2016	20,978,073	21,115,491	21,078,400	21,078,748	21,078,590			
6/30/2017	23,006,646	23,059,448	23,059,209	23,058,323				
6/30/2018	24,279,875	24,422,554	24,406,848					
6/30/2019	25,258,302	25,321,722						
6/30/2020	25,635,667							

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>
6/30/2013	1.005	0.997	1.000	1.000	1.000	1.000	1.000
6/30/2014	1.008	1.000	1.000	1.000	1.000	1.000	
6/30/2015	1.007	1.000	1.000	1.000	1.000		
6/30/2016	1.007	0.998	1.000	1.000			
6/30/2017	1.002	1.000	1.000				
6/30/2018	1.006	0.999					
6/30/2019	1.003						
6/30/2020							

Average Best 3 of 5

<u>27:15</u>	<u>39:27</u>
1.005	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>
6/30/2013	1,590,533,615	1,577,520,997	1,578,767,205	1,579,612,988	1,579,563,343	1,579,583,664	1,579,472,417	1,579,448,971
6/30/2014	1,643,691,847	1,692,607,333	1,695,065,797	1,695,363,278	1,695,541,202	1,695,312,946	1,695,305,940	
6/30/2015	1,731,751,417	1,774,576,471	1,774,763,237	1,774,951,635	1,774,454,775	1,774,452,830		
6/30/2016	1,732,712,034	1,771,145,340	1,767,102,924	1,767,692,472	1,767,893,617			
6/30/2017	1,780,321,021	1,814,992,902	1,816,618,761	1,816,535,561				
6/30/2018	1,842,172,938	1,870,836,872	1,868,841,059					
6/30/2019	1,919,199,210	1,947,280,265						
6/30/2020	1,983,596,484							

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>
6/30/2013	0.992	1.001	1.001	1.000	1.000	1.000	1.000
6/30/2014	1.030	1.001	1.000	1.000	1.000	1.000	
6/30/2015	1.025	1.000	1.000	1.000	1.000		
6/30/2016	1.022	0.998	1.000	1.000			
6/30/2017	1.019	1.001	1.000				
6/30/2018	1.016	0.999					
6/30/2019	1.015						

Average Best 3 of 5

<u>27:15</u>	<u>39:27</u>
1.019	1.000

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>
6/30/2013	1,896,171,915	1,891,442,718	1,892,040,222	1,894,104,438	1,894,482,121	1,894,335,024	1,894,338,702	1,894,335,850
6/30/2014	2,034,489,590	2,062,064,208	2,061,721,056	2,062,682,125	2,062,385,461	2,062,275,196	2,062,272,236	
6/30/2015	2,203,847,305	2,209,844,351	2,209,872,814	2,208,919,113	2,209,139,747	2,209,109,683		
6/30/2016	2,309,398,385	2,313,226,703	2,312,337,640	2,313,052,940	2,313,128,545			
6/30/2017	2,310,452,668	2,324,637,016	2,324,397,140	2,324,239,838				
6/30/2018	2,338,070,201	2,341,531,649	2,339,917,608					
6/30/2019	2,378,300,026	2,383,536,958						
6/30/2020	2,357,061,822							

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>
6/30/2013	0.998	1.000	1.001	1.000	1.000	1.000	1.000
6/30/2014	1.014	1.000	1.000	1.000	1.000	1.000	
6/30/2015	1.003	1.000	1.000	1.000	1.000		
6/30/2016	1.002	1.000	1.000	1.000			
6/30/2017	1.006	1.000	1.000				
6/30/2018	1.001	0.999					
6/30/2019	1.002						

Average Best 3 of 5	
<u>27:15</u>	<u>39:27</u>
1.002	1.000

LOSS DEVELOPMENT DATA
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OREGON

Premises/Operations

Manufacturers & Contractors

Bodily Injury

Full Coverage

Incurred Losses excluding ALAE

Calculation of Loss Development Factors

(1) EVALUATION PERIOD	(2) MULTISTATE RATIO (A)	(3) STATE RATIO (B)	(4) CREDIBILITY (C)	(5) WEIGHTED RATIO (D)	Credibility Constant (Ki)
15 to 27 Months	1.624	1.425	0.5581	1.513	1,500,000
27 to 39 Months	1.340	1.665	0.5761	1.527	1,800,000
39 to 51 Months	1.084	1.088	0.6556	1.087	2,100,000
51 to 63 Months	1.009	0.999	0.6349	1.003	2,500,000
63 to 75 Months	0.999	1.000	0.6297	1.000	2,900,000
75 to 87 Months	0.998	0.998	0.5618	0.998	3,500,000
87 to 99 Months	0.999	1.000	0.5295	1.000	4,000,000
99 to 111 Months	0.999	1.000	0.4254	0.999	4,800,000
111 to 123 Months	0.998	1.000	0.4000	0.999	5,700,000
123 to 135 Months	1.001	1.000	0.3460	1.001	6,700,000
135 to 147 Months	1.000	1.000	0.3274	1.000	7,900,000
147 to 159 Months	1.001	1.000	0.2759	1.001	9,300,000
159 to 171 Months	1.000	1.000	0.2325	1.000	11,100,000
171 to 183 Months	1.000	1.000	0.1837	1.000	13,100,000
183 to 195 Months	1.000	1.000	0.1456	1.000	15,500,000
195 to 207 Months	1.000	1.000	0.1149	1.000	18,300,000
207 to 219 Months	1.000	1.000	0.0952	1.000	21,600,000
219 to 231 Months	1.000	1.000	0.0559	1.000	25,600,000
231 to 243 Months	1.000	1.000	0.0255	1.000	30,200,000
243 to ULTIMATE	The Multistate ratio has been used.				

Accident Year Ending	Loss Development From										
	27:15	39:27	51:39	63:51	75:63	87:75	99:87	111:99	123:111	135:123	147:135
6/30/2018			1.087	1.003	1.000	0.998	1.000	0.999	0.999	1.001	1.000
6/30/2019		1.527	1.087	1.003	1.000	0.998	1.000	0.999	0.999	1.001	1.000
6/30/2020	1.513	1.527	1.087	1.003	1.000	0.998	1.000	0.999	0.999	1.001	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>
6/30/2018	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000		1.088
6/30/2019	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000		1.661
6/30/2020	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000		2.514

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

OREGON

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	0.0664	0.0285	0.5581	0.0452	1,500,000
27 to 39 Months	0.0988	0.0962	0.5761	0.0973	1,800,000
39 to 51 Months	0.0835	0.0847	0.6556	0.0843	2,100,000
51 to 63 Months	0.0464	0.0576	0.6349	0.0535	2,500,000
63 to 75 Months	0.0246	-0.0007	0.6297	0.0087	2,900,000
75 to 87 Months	0.0099	0.0003	0.5618	0.0045	3,500,000
87 to 99 Months	0.0051	0.0098	0.5295	0.0076	4,000,000
99 to 111 Months	0.0034	0.0000	0.4254	0.0019	4,800,000
111 to 123 Months	0.0019	0.0000	0.4000	0.0011	5,700,000
123 to 135 Months	0.0015	0.0004	0.3460	0.0011	6,700,000
135 to 147 Months	0.0004	0.0000	0.3274	0.0003	7,900,000
147 to 159 Months	0.0014	0.0000	0.2759	0.0010	9,300,000
159 to 171 Months	0.0006	0.0000	0.2325	0.0004	11,100,000
171 to Ultimate	A multistate ratio of 0.0000 has been used.				

<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>
	0.307	0.262	0.164	0.080	0.027	0.018	0.013
<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>
	0.006	0.004	0.003	0.002	0.001	0.000	0.000

Full Coverage

A.Y.E.	Reported ALAE as of 9/30/20	\$500,000 Ultimate Indemnity	ALAE Factor	Additional ALAE	Ultimate ALAE
6/30/2018	349,685	3,402,481	0.164	558,009	907,694
6/30/2019	154,412	7,753,754	0.262	2,031,487	2,185,899
6/30/2020	150,145	6,370,189	0.307	1,955,650	2,105,795

Deductible Coverage

A.Y.E.	Reported ALAE as of 9/30/20	\$500,000 Ultimate Indemnity	ALAE Factor	Additional ALAE	Ultimate ALAE
6/30/2018	193,351	2,043,471	0.164	335,131	528,482
6/30/2019	28,318	2,206,460	0.262	578,094	606,412
6/30/2020	17,423	475,952	0.307	146,118	163,541

- (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)}}

OREGON

Premises/Operations

Manufacturers & Contractors

Property Damage

Full Coverage

Incurred Losses excluding ALAE

Calculation of Loss Development Factors

(1) EVALUATION PERIOD	(2) MULTISTATE RATIO (A)	(3) STATE RATIO (B)	(4) CREDIBILITY (C)	(5) WEIGHTED RATIO (D)	Credibility Constant (Ki)
15 to 27 Months	1.129	1.044	0.6519	1.074	2,400,000
27 to 39 Months	1.050	1.003	0.6651	1.019	2,500,000
39 to 51 Months	1.021	1.028	0.6250	1.025	2,600,000
51 to 63 Months	1.010	0.986	0.6331	0.995	2,800,000
63 to 75 Months	1.008	1.027	0.5767	1.019	3,000,000
75 to 87 Months	1.007	1.005	0.5935	1.006	3,100,000
87 to 99 Months	1.005	1.024	0.5839	1.016	3,300,000
99 to 111 Months	1.005	0.988	0.5764	0.995	3,500,000
111 to 123 Months	1.002	1.000	0.5385	1.001	3,700,000
123 to 135 Months	1.002	1.000	0.5170	1.001	4,000,000
135 to 147 Months	1.002	1.000	0.5129	1.001	4,100,000
147 to 159 Months	1.001	1.000	0.4874	1.001	4,400,000
159 to 171 Months	1.001	1.005	0.4325	1.003	4,700,000
171 to 183 Months	1.001	1.000	0.3858	1.001	4,900,000
183 to 195 Months	1.001	1.000	0.3314	1.001	5,200,000
195 to 207 Months	1.001	1.000	0.3239	1.001	5,500,000
207 to 219 Months	1.001	1.000	0.3213	1.001	5,900,000
219 to 231 Months	1.001	1.000	0.2492	1.001	6,300,000
231 to 243 Months	1.001	1.000	0.1425	1.001	6,600,000
243 to ULTIMATE	The Multistate ratio has been used.				

Accident Year Ending	Loss Development From										Factor	
	27:15	39:27	51:39	63:51	75:63	87:75	99:87	111:99	123:111	135:123		147:135
6/30/2018			1.025	0.995	1.019	1.006	1.016	0.995	1.001	1.001	1.001	
6/30/2019		1.019	1.025	0.995	1.019	1.006	1.016	0.995	1.001	1.001	1.001	
6/30/2020	1.074	1.019	1.025	0.995	1.019	1.006	1.016	0.995	1.001	1.001	1.001	
		159:147	171:159	183:171	195:183	207:195	219:207	231:219	243:231	ULT:243		
6/30/2018	1.001	1.003	1.001	1.001	1.001	1.001	1.001	1.001	1.001	1.004		1.075
6/30/2019	1.001	1.003	1.001	1.001	1.001	1.001	1.001	1.001	1.001	1.004		1.095
6/30/2020	1.001	1.003	1.001	1.001	1.001	1.001	1.001	1.001	1.001	1.004		1.176

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

OREGON

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	0.0404	0.0595	0.6519	0.0528	2,400,000
27 to 39 Months	0.0439	0.0490	0.6651	0.0473	2,500,000
39 to 51 Months	0.0405	0.0392	0.6250	0.0397	2,600,000
51 to 63 Months	0.0375	0.0263	0.6331	0.0304	2,800,000
63 to 75 Months	0.0199	0.0120	0.5767	0.0153	3,000,000
75 to 87 Months	0.0121	0.0092	0.5935	0.0104	3,100,000
87 to 99 Months	0.0091	0.0014	0.5839	0.0046	3,300,000
99 to 111 Months	0.0096	0.0008	0.5764	0.0046	3,500,000
111 to 123 Months	0.0049	0.0005	0.5385	0.0025	3,700,000
123 to 135 Months	0.0059	0.0018	0.5170	0.0038	4,000,000
135 to 147 Months	0.0039	0.0000	0.5129	0.0019	4,100,000
147 to 159 Months	0.0039	0.0000	0.4874	0.0020	4,400,000
159 to 171 Months	0.0027	0.0002	0.4325	0.0016	4,700,000
171 to Ultimate					

A multistate ratio of 0.0000 has been used.

<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>
	0.217	0.164	0.117	0.077	0.047	0.031	0.021
<u>Months-to-Ultimate</u>	<u>99</u>	<u>111</u>	<u>123</u>	<u>135</u>	<u>147</u>	<u>159</u>	<u>171</u>
	0.016	0.012	0.009	0.006	0.004	0.002	0.000

Full Coverage

A.Y.E.	Reported ALAE as of 9/30/20	\$500,000 Ultimate Indemnity	ALAE Factor	Additional ALAE	Ultimate ALAE
6/30/2018	405,879	3,944,449	0.117	461,501	867,380
6/30/2019	345,270	5,570,889	0.164	913,627	1,258,897
6/30/2020	429,927	6,900,108	0.217	1,497,323	1,927,250

Deductible Coverage

A.Y.E.	Reported ALAE as of 9/30/20	\$500,000 Ultimate Indemnity	ALAE Factor	Additional ALAE	Ultimate ALAE
6/30/2018	78,698	1,177,746	0.117	137,799	216,497
6/30/2019	31,862	712,872	0.164	116,912	148,774
6/30/2020	5,678	1,126,201	0.217	244,385	250,063

- (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)}}

OREGON
Premises/Operations
Manufacturers & Contractors
Fringe
Full Coverage
ALAE

Calculation of Cumulative Incremental Factors

(1) <u>EVALUATION PERIOD</u>	(2) <u>MULTISTATE RATIO (A)</u>
15 to 27 Months	0.1178
27 to 39 Months	0.1187
39 to 51 Months	0.1366
51 to 63 Months	0.0557
63 to 75 Months	0.0230
75 to 87 Months	0.0483
87 to 99 Months	0.0024
99 to 111 Months	0.0119
111 to 123 Months	0.0017
123 to 135 Months	-0.0004
135 to 147 Months	0.0005
147 to 159 Months	0.0010
159 to 171 Months	0.0001
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>
	0.517	0.399	0.281	0.144	0.088	0.065	0.017
<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	0.003	0.001	0.002	0.001	0.000	0.000

<u>A.Y.E.</u>	<u>Reported ALAE as of 9/30/20</u>	<u>\$500,000 Ultimate Indemnity</u>	<u>ALAE Factor</u>	<u>Additional ALAE</u>	<u>Ultimate ALAE</u>
6/30/2018	67,608	393,628	0.281	110,608	178,216
6/30/2019	133,094	425,185	0.399	169,649	302,743
6/30/2020	19,864	1,294,113	0.517	669,056	688,920

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

OREGON

Premises/Operations

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

Calculation of Loss Development Factors

(1) EVALUATION PERIOD	(2) MULTISTATE RATIO (A)	(3) STATE RATIO (B)	(4) CREDIBILITY (C)	(5) WEIGHTED RATIO (D)	Credibility Constant (Ki)
15 to 27 Months	1.424	1.374	0.8154	1.383	1,700,000
27 to 39 Months	1.198	1.150	0.8103	1.159	2,100,000
39 to 51 Months	1.065	1.005	0.7840	1.018	2,700,000
51 to 63 Months	1.004	1.006	0.7247	1.005	3,300,000
63 to 75 Months	0.995	1.001	0.6503	0.999	4,200,000
75 to 87 Months	0.994	1.000	0.5808	0.997	5,300,000
87 to 99 Months	0.996	1.000	0.5120	0.998	6,600,000
99 to 111 Months	0.999	1.007	0.4928	1.003	8,300,000
111 to 123 Months	0.999	1.000	0.4136	0.999	10,500,000
123 to 135 Months	1.000	1.000	0.3617	1.000	13,200,000
135 to 147 Months	1.000	1.000	0.2784	1.000	16,600,000
147 to 159 Months	1.000	1.000	0.2654	1.000	20,900,000
159 to 171 Months	1.001	1.000	0.2239	1.001	26,300,000
171 to 183 Months	1.000	1.000	0.1791	1.000	33,100,000
183 to 195 Months	1.000	1.000	0.1360	1.000	41,800,000
195 to 207 Months	1.000	1.000	0.1012	1.000	52,700,000
207 to 219 Months	1.000	1.000	0.0874	1.000	66,500,000
219 to 231 Months	1.000	1.000	0.0459	1.000	84,000,000
231 to 243 Months	1.000	1.000	0.0203	1.000	106,200,000
243 to ULTIMATE	The Multistate ratio has been used.				

Accident Year Ending	Loss Development From										
	27:15	39:27	51:39	63:51	75:63	87:75	99:87	111:99	123:111	135:123	147:135
6/30/2018			1.018	1.005	0.999	0.997	0.998	1.003	0.999	1.000	1.000
6/30/2019		1.159	1.018	1.005	0.999	0.997	0.998	1.003	0.999	1.000	1.000
6/30/2020	1.383	1.159	1.018	1.005	0.999	0.997	0.998	1.003	0.999	1.000	1.000
	<u>159:147</u>	<u>171:159</u>	<u>183:171</u>	<u>195:183</u>	<u>207:195</u>	<u>219:207</u>	<u>231:219</u>	<u>243:231</u>	<u>ULT:243</u>		<u>Factor</u>
6/30/2018	1.000	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000		1.020
6/30/2019	1.000	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000		1.182
6/30/2020	1.000	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000		1.635

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

OREGON

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	0.0636	0.0529	0.8154	0.0549	1,700,000
27 to 39 Months	0.0806	0.0939	0.8103	0.0914	2,100,000
39 to 51 Months	0.0584	0.0464	0.7840	0.0490	2,700,000
51 to 63 Months	0.0293	0.0046	0.7247	0.0114	3,300,000
63 to 75 Months	0.0125	0.0036	0.6503	0.0067	4,200,000
75 to 87 Months	0.0060	0.0027	0.5808	0.0041	5,300,000
87 to 99 Months	0.0027	-0.0005	0.5120	0.0011	6,600,000
99 to 111 Months	0.0018	0.0000	0.4928	0.0009	8,300,000
111 to 123 Months	0.0013	0.0000	0.4136	0.0008	10,500,000
123 to 135 Months	0.0013	0.0000	0.3617	0.0008	13,200,000
135 to 147 Months	0.0004	0.0000	0.2784	0.0003	16,600,000
147 to 159 Months	0.0008	0.0000	0.2654	0.0006	20,900,000
159 to 171 Months	0.0008	0.0000	0.2239	0.0006	26,300,000
171 to Ultimate					

A multistate ratio of 0.0000 has been used.

<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>
	0.222	0.168	0.076	0.027	0.016	0.009	0.005
<u>Months-to-Ultimate</u>	<u>99</u>	<u>111</u>	<u>123</u>	<u>135</u>	<u>147</u>	<u>159</u>	<u>171</u>
	0.004	0.003	0.002	0.001	0.001	0.001	0.000

Full Coverage

A.Y.E.	Reported ALAE as of 9/30/20	\$500,000 Ultimate Indemnity	ALAE Factor	Additional ALAE	Ultimate ALAE
6/30/2018	1,232,484	7,217,938	0.076	548,563	1,781,047
6/30/2019	698,349	8,614,553	0.168	1,447,247	2,145,596
6/30/2020	239,937	10,621,604	0.222	2,358,001	2,597,938

Deductible Coverage

A.Y.E.	Reported ALAE as of 9/30/20	\$500,000 Ultimate Indemnity	ALAE Factor	Additional ALAE	Ultimate ALAE
6/30/2018	16,338	371,770	0.076	28,254	44,592
6/30/2019	38,554	449,664	0.168	75,543	114,097
6/30/2020	62,308	895,750	0.222	198,856	261,164

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

OREGON

Premises/Operations

Owners, Landlords & Tenants
Property Damage
Full Coverage

Incurred Losses excluding ALAE

Calculation of Loss Development Factors

(1) EVALUATION PERIOD	(2) MULTISTATE RATIO (A)	(3) STATE RATIO (B)	(4) CREDIBILITY (C)	(5) WEIGHTED RATIO (D)	Credibility Constant (Ki)
15 to 27 Months	1.153	1.092	0.6271	1.115	900,000
27 to 39 Months	1.070	1.085	0.6134	1.079	1,000,000
39 to 51 Months	1.043	0.978	0.6769	0.999	1,200,000
51 to 63 Months	1.016	1.005	0.6780	1.009	1,400,000
63 to 75 Months	1.005	1.035	0.6709	1.025	1,600,000
75 to 87 Months	1.008	1.041	0.6031	1.028	1,800,000
87 to 99 Months	1.001	1.001	0.5373	1.001	2,100,000
99 to 111 Months	1.003	1.022	0.5067	1.013	2,400,000
111 to 123 Months	1.004	0.994	0.3717	1.000	2,700,000
123 to 135 Months	1.002	1.000	0.3120	1.001	3,100,000
135 to 147 Months	1.000	1.000	0.2480	1.000	3,600,000
147 to 159 Months	1.000	1.000	0.2374	1.000	4,100,000
159 to 171 Months	1.001	1.000	0.1865	1.001	4,700,000
171 to 183 Months	1.002	1.000	0.1589	1.002	5,400,000
183 to 195 Months	1.002	1.000	0.1417	1.002	6,100,000
195 to 207 Months	1.003	1.000	0.1114	1.003	7,000,000
207 to 219 Months	1.001	1.000	0.1188	1.001	8,100,000
219 to 231 Months	1.001	1.000	0.0716	1.001	9,300,000
231 to 243 Months	1.001	1.000	0.0499	1.001	10,600,000
243 to ULTIMATE	The Multistate ratio has been used.				

Accident Year Ending	Loss Development From										
	27:15	39:27	51:39	63:51	75:63	87:75	99:87	111:99	123:111	135:123	147:135
6/30/2018			0.999	1.009	1.025	1.028	1.001	1.013	1.000	1.001	1.000
6/30/2019		1.079	0.999	1.009	1.025	1.028	1.001	1.013	1.000	1.001	1.000
6/30/2020	1.115	1.079	0.999	1.009	1.025	1.028	1.001	1.013	1.000	1.001	1.000
	159:147	171:159	183:171	195:183	207:195	219:207	231:219	243:231	ULT:243	Factor	
6/30/2018	1.000	1.001	1.002	1.002	1.003	1.001	1.001	1.001	1.004	1.094	
6/30/2019	1.000	1.001	1.002	1.002	1.003	1.001	1.001	1.001	1.004	1.181	
6/30/2020	1.000	1.001	1.002	1.002	1.003	1.001	1.001	1.001	1.004	1.317	

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

OREGON

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	0.0768	0.0606	0.6271	0.0666	900,000
27 to 39 Months	0.0853	0.0496	0.6134	0.0634	1,000,000
39 to 51 Months	0.0694	0.0252	0.6769	0.0395	1,200,000
51 to 63 Months	0.0400	0.0003	0.6780	0.0131	1,400,000
63 to 75 Months	0.0308	0.0289	0.6709	0.0296	1,600,000
75 to 87 Months	0.0151	0.0037	0.6031	0.0082	1,800,000
87 to 99 Months	0.0196	-0.0026	0.5373	0.0077	2,100,000
99 to 111 Months	0.0171	0.0070	0.5067	0.0120	2,400,000
111 to 123 Months	0.0108	0.0001	0.3717	0.0068	2,700,000
123 to 135 Months	0.0119	0.0000	0.3120	0.0082	3,100,000
135 to 147 Months	0.0031	0.0000	0.2480	0.0023	3,600,000
147 to 159 Months	0.0021	0.0000	0.2374	0.0016	4,100,000
159 to 171 Months	0.0019	0.0000	0.1865	0.0015	4,700,000
171 to Ultimate					

A multistate ratio of 0.0000 has been used.

<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>
	0.261	0.194	0.131	0.091	0.078	0.048	0.040
<u>Months-to-Ultimate</u>	<u>99</u>	<u>111</u>	<u>123</u>	<u>135</u>	<u>147</u>	<u>159</u>	<u>171</u>
	0.032	0.020	0.014	0.006	0.003	0.002	0.000

Full Coverage

<u>A.Y.E.</u>	Reported ALAE as of 9/30/20	\$500,000 Ultimate Indemnity	ALAE Factor	Additional ALAE	Ultimate ALAE
6/30/2018	349,860	1,407,075	0.131	184,326	534,186
6/30/2019	114,307	1,387,208	0.194	269,117	383,424
6/30/2020	173,710	1,425,774	0.261	372,128	545,838

Deductible Coverage

<u>A.Y.E.</u>	Reported ALAE as of 9/30/20	\$500,000 Ultimate Indemnity	ALAE Factor	Additional ALAE	Ultimate ALAE
6/30/2018	47,260	155,214	0.131	20,332	67,592
6/30/2019	866	189,153	0.194	36,695	37,561
6/30/2020	7,579	34,397	0.261	8,978	16,557

- (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)}}

OREGON
Premises/Operations
Owners, Landlords & Tenants
Fringe
Full Coverage
ALAE

Calculation of Cumulative Incremental Factors

(1) EVALUATION PERIOD	(2) MULTISTATE RATIO (A)
15 to 27 Months	0.2089
27 to 39 Months	0.2019
39 to 51 Months	0.1545
51 to 63 Months	0.1050
63 to 75 Months	0.1240
75 to 87 Months	0.0918
87 to 99 Months	0.0300
99 to 111 Months	0.0102
111 to 123 Months	0.0122
123 to 135 Months	0.0052
135 to 147 Months	0.0062
147 to 159 Months	0.0062
159 to 171 Months	0.0026
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>
	0.959	0.750	0.548	0.393	0.288	0.164	0.073
<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>
	0.043	0.032	0.020	0.015	0.009	0.003	0.000

<u>A.Y.E.</u>	<u>Reported ALAE as of 9/30/20</u>	<u>\$500,000 Ultimate Indemnity</u>	<u>ALAE Factor</u>	<u>Additional ALAE</u>	<u>Ultimate ALAE</u>
6/30/2018	222,087	94,194	0.548	51,618	273,705
6/30/2019	64,993	255,227	0.750	191,421	256,414
6/30/2020	70,040	414,637	0.959	397,637	467,677

(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
 OREGON
 BODILY INJURY - OCCURRENCE
 INCURRED ACCIDENT YEAR BASIC LIMITS LOSS DEVELOPMENT EXCLUDING ALAE

\$100,000 Basic Limit Losses as of:

A.Y.E.	15 Months	27 Months	39 Months	51 Months	63 Months	75 Months	87 Months	99 Months	111 Months	123 Months	135 Months
6/30/2001	611,629	768,325	859,721	1,022,506	980,506	880,506	790,607	794,506	790,506	790,506	790,506
6/30/2002	442,925	756,696	704,397	671,847	681,847	681,847	681,848	744,358	741,847	741,847	734,347
6/30/2003	360,644	453,664	670,133	765,784	765,606	763,096	758,096	758,096	758,096	758,096	758,096
6/30/2004	665,432	947,317	946,952	1,036,702	1,044,202	1,023,202	948,202	923,202	892,202	892,202	892,202
6/30/2005	825,707	901,058	922,938	1,025,600	1,090,926	1,090,926	1,090,927	1,090,926	1,104,825	1,104,825	1,104,825
6/30/2006	405,011	738,040	1,190,523	1,236,023	1,205,023	1,103,523	1,035,023	1,065,023	1,065,023	1,072,523	1,065,023
6/30/2007	349,825	755,831	881,302	1,169,001	1,259,152	1,270,152	1,312,199	1,295,949	1,293,503	1,293,499	1,293,499
6/30/2008	819,715	879,427	1,299,200	1,434,100	1,227,624	1,232,679	1,230,304	1,185,304	1,185,304	1,185,304	1,185,304
6/30/2009	756,515	935,756	1,520,875	1,517,272	1,466,867	1,366,867	1,366,867	1,366,867	1,366,867	1,366,867	1,366,867
6/30/2010	407,266	784,578	1,170,880	1,170,370	1,024,840	1,019,842	992,630	992,630	992,630	992,630	992,630
6/30/2011	638,283	1,107,739	1,275,950	1,422,744	1,462,744	1,441,119	1,441,119	1,441,119	1,441,119	1,441,119	
6/30/2012	404,241	553,162	943,748	995,598	1,092,998	1,125,498	1,119,665	1,119,666	1,144,665		
6/30/2013	1,212,542	1,820,657	1,796,250	1,913,685	1,931,103	1,932,453	1,939,953	1,989,953			
6/30/2014	645,511	729,114	1,174,416	1,462,594	1,438,079	1,429,977	1,429,977				
6/30/2015	808,541	872,868	1,676,731	1,608,050	1,561,515	1,570,505					
6/30/2016	510,111	672,858	1,029,502	1,277,522	1,282,524						
6/30/2017	441,363	696,821	1,291,626	1,073,564							
6/30/2018	699,225	1,076,958	1,095,875								
6/30/2019	753,738	1,067,210									
6/30/2020	935,803										

A.Y.E.	147 Months	159 Months	171 Months	183 Months	195 Months	207 Months	219 Months	231 Months	243 Months
6/30/2001	790,506	790,506	790,506	790,506	790,506	790,506	790,506	790,506	790,506
6/30/2002	734,347	734,347	734,347	725,045	725,045	725,045	725,045	725,045	
6/30/2003	758,096	758,096	758,095	758,095	758,095	758,095	757,985		
6/30/2004	892,202	892,202	892,202	892,202	892,202	892,202			
6/30/2005	1,104,825	1,004,825	990,926	990,926	990,926				
6/30/2006	1,065,023	1,065,023	1,065,023	1,065,023					
6/30/2007	1,293,499	1,293,499	1,293,499						
6/30/2008	1,185,304	1,185,304							
6/30/2009	1,366,867								

PREMISES/OPERATIONS (Subline Code 334)

MANUFACTURERS AND CONTRACTORS

FULL COVERAGE

OREGON

BODILY INJURY - OCCURRENCE

INCURRED ACCIDENT YEAR BASIC LIMITS LOSS DEVELOPMENT EXCLUDING ALAE

Link Ratios

A.Y.E.	<u>27: 15</u>	<u>39: 27</u>	<u>51: 39</u>	<u>63: 51</u>	<u>75: 63</u>	<u>87: 75</u>	<u>99: 87</u>	<u>111: 99</u>	<u>123:111</u>	<u>135:123</u>	<u>147:135</u>
6/30/2001	1.256	1.119	1.189	0.959	0.898	0.898	1.005	0.995	1.000	1.000	1.000
6/30/2002	1.708	0.931	0.954	1.015	1.000	1.000	1.092	0.997	1.000	0.990	1.000
6/30/2003	1.258	1.477	1.143	1.000	0.997	0.993	1.000	1.000	1.000	1.000	1.000
6/30/2004	1.424	1.000	1.095	1.007	0.980	0.927	0.974	0.966	1.000	1.000	1.000
6/30/2005	1.091	1.024	1.111	1.064	1.000	1.000	1.000	1.013	1.000	1.000	1.000
6/30/2006	1.822	1.613	1.038	0.975	0.916	0.938	1.029	1.000	1.007	0.993	1.000
6/30/2007	2.161	1.166	1.326	1.077	1.009	1.033	0.988	0.998	1.000	1.000	1.000
6/30/2008	1.073	1.477	1.104	0.856	1.004	0.998	0.963	1.000	1.000	1.000	1.000
6/30/2009	1.237	1.625	0.998	0.967	0.932	1.000	1.000	1.000	1.000	1.000	1.000
6/30/2010	1.926	1.492	1.000	0.876	0.995	0.973	1.000	1.000	1.000	1.000	1.000
6/30/2011	1.735	1.152	1.115	1.028	0.985	1.000	1.000	1.000	1.000		
6/30/2012	1.368	1.706	1.055	1.098	1.030	0.995	1.000	1.022			
6/30/2013	1.502	0.987	1.065	1.009	1.001	1.004	1.026				
6/30/2014	1.130	1.611	1.245	0.983	0.994	1.000					
6/30/2015	1.080	1.921	0.959	0.971	1.006						
6/30/2016	1.319	1.530	1.241	1.004							
6/30/2017	1.579	1.854	0.831								
6/30/2018	1.540	1.018									
6/30/2019	1.416										
3 Yr Mean	1.512	1.467	1.010	0.986	1.000	1.000	1.009	1.007	1.000	1.000	1.000
Best 3/5	1.425	1.665	1.088	0.999	1.000	0.998	1.000	1.000	1.000	1.000	1.000

A.Y.E.	<u>159:147</u>	<u>171:159</u>	<u>183:171</u>	<u>195:183</u>	<u>207:195</u>	<u>219:207</u>	<u>231:219</u>	<u>243:231</u>
6/30/2001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
6/30/2002	1.000	1.000	0.987	1.000	1.000	1.000	1.000	1.000 *
6/30/2003	1.000	1.000	1.000	1.000	1.000	1.000	1.000 *	1.000 *
6/30/2004	1.000	1.000	1.000	1.000	1.000	1.000 *	1.000 *	1.000 *
6/30/2005	0.909	0.986	1.000	1.000	1.000 *	1.000 *	1.000 *	1.000 *
6/30/2006	1.000	1.000	1.000					
6/30/2007	1.000	1.000						
6/30/2008	1.000							
3 Yr Mean	1.000	0.995	1.000	1.000	1.000 @	1.000 @	1.000 @	1.000 @
Best 3/5	1.000	1.000	1.000	1.000	1.000 *	1.000 *	1.000 *	1.000 *

Development From

A.Y.E.	<u>15/ 27</u>	<u>27/ 39</u>	<u>39/ 51</u>	<u>51/ 63</u>	<u>63/ 75</u>	<u>75/ 87</u>	<u>87/ 99</u>	<u>99/111</u>	<u>111/123</u>	<u>123/135</u>	<u>135/147</u>
6/30/2016					1.000	0.998	1.000	1.000	1.000	1.000	1.000
6/30/2017				0.999	1.000	0.998	1.000	1.000	1.000	1.000	1.000
6/30/2018			1.088	0.999	1.000	0.998	1.000	1.000	1.000	1.000	1.000
6/30/2019		1.665	1.088	0.999	1.000	0.998	1.000	1.000	1.000	1.000	1.000
6/30/2020	1.425	1.665	1.088	0.999	1.000	0.998	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>
6/30/2016	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000*	0.998
6/30/2017	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000*	0.997
6/30/2018	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000*	1.085
6/30/2019	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000*	1.806
6/30/2020	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000*	2.574

* Calculated Using Modified Bondy Method

@ Three year mean Excludes Modified Bondy ratios

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

A.Y.E.	<u>15 Months</u>	<u>27 Months</u>	<u>39 Months</u>	<u>51 Months</u>	<u>63 Months</u>	<u>75 Months</u>	<u>87 Months</u>	<u>99 Months</u>	<u>111 Months</u>	<u>123 Months</u>	<u>135 Months</u>
6/30/2001	17,654	57,033	247,431	321,384	323,707	323,906	343,904	338,965	339,369	338,965	338,965
6/30/2002	8,965	78,557	131,990	260,091	271,557	273,359	273,359	283,893	283,893	283,893	283,893
6/30/2003	11,711	90,386	380,700	572,521	598,575	602,891	611,770	583,738	584,109	584,154	584,154
6/30/2004	70,167	231,068	378,823	585,868	669,974	1,012,650	1,167,778	1,219,025	1,245,304	1,246,198	1,246,198
6/30/2005	76,621	230,118	458,483	643,805	725,251	737,808	938,228	960,349	960,349	960,349	960,349
6/30/2006	27,159	176,254	483,806	542,114	562,872	582,859	582,776	638,077	620,732	620,732	625,220
6/30/2007	34,843	343,434	277,396	437,297	562,159	524,999	551,274	549,709	546,669	546,669	546,669
6/30/2008	21,580	112,330	473,997	621,938	704,309	866,796	873,960	874,009	870,962	870,962	870,962
6/30/2009	74,642	182,224	838,388	807,188	1,148,548	1,227,216	1,242,919	1,257,919	1,257,920	1,332,923	1,368,924
6/30/2010	49,675	121,265	373,267	563,340	560,884	542,348	537,917	537,916	537,916	537,916	537,916
6/30/2011	32,536	266,532	448,158	717,108	889,323	858,095	858,194	857,908	857,908	857,908	
6/30/2012	173,209	373,441	546,973	651,075	701,084	704,934	683,143	738,742	801,940		
6/30/2013	27,259	357,559	561,906	956,810	1,017,948	1,046,033	1,058,792	1,141,174			
6/30/2014	92,346	239,105	488,835	997,318	1,385,891	1,387,124	1,398,141				
6/30/2015	72,635	113,107	426,207	752,500	1,217,239	1,202,069					
6/30/2016	43,284	154,925	445,762	526,592	565,313						
6/30/2017	10,669	44,667	365,740	477,529							
6/30/2018	25,492	268,240	320,580								
6/30/2019	35,824	144,507									
6/30/2020	144,102										

A.Y.E.	<u>147 Months</u>	<u>159 Months</u>	<u>171 Months</u>	<u>183 Months</u>	<u>195 Months</u>	<u>207 Months</u>	<u>219 Months</u>	<u>231 Months</u>	<u>243 Months</u>
6/30/2001	338,965	338,965	338,965	338,965	338,965	338,965	338,965	338,965	338,965
6/30/2002	283,893	283,893	283,893	283,893	283,893	283,893	283,893	283,893	
6/30/2003	584,154	584,154	584,154	584,154	584,154	584,154	584,154		
6/30/2004	1,246,198	1,246,198	1,246,198	1,246,198	1,246,198	1,246,198			
6/30/2005	960,350	937,103	937,103	937,103	937,103				
6/30/2006	625,220	625,220	625,220	625,220					
6/30/2007	546,669	546,669	546,669						
6/30/2008	870,962	870,962							
6/30/2009	1,353,055								

PREMISES/OPERATIONS (Subline Code 334)
 MANUFACTURERS AND CONTRACTORS
 FULL COVERAGE
 OREGON
 BODILY INJURY - OCCURRENCE
 INCURRED ACCIDENT YEAR INCREMENTAL 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
6/30/2001	39,379	190,398	73,953	2,323	199	19,998	-4,939	404	-404	0	0	0	0
6/30/2002	69,592	53,433	128,101	11,466	1,802	0	10,534	0	0	0	0	0	0
6/30/2003	78,675	290,314	191,821	26,054	4,316	8,879	-28,032	371	45	0	0	0	0
6/30/2004	160,901	147,755	207,045	84,106	342,676	155,128	51,247	26,279	894	0	0	0	0
6/30/2005	153,497	228,365	185,322	81,446	12,557	200,420	22,121	0	0	0	1	-23,247	0
6/30/2006	149,095	307,552	58,308	20,758	19,987	-83	55,301	-17,345	0	4,488	0	0	0
6/30/2007	308,591	-66,038	159,901	124,862	-37,160	26,275	-1,565	-3,040	0	0	0	0	0
6/30/2008	90,750	361,667	147,941	82,371	162,487	7,164	49	-3,047	0	0	0	0	0
6/30/2009	107,582	656,164	-31,200	341,360	78,668	15,703	15,000	1	75,003	36,001	-15,869		
6/30/2010	71,590	252,002	190,073	-2,456	-18,536	-4,431	-1	0	0	0			
6/30/2011	233,996	181,626	268,950	172,215	-31,228	99	-286	0	0				
6/30/2012	200,232	173,532	104,102	50,009	3,850	-21,791	55,599	63,198					
6/30/2013	330,300	204,347	394,904	61,138	28,085	12,759	82,382						
6/30/2014	146,759	249,730	508,483	388,573	1,233	11,017							
6/30/2015	40,472	313,100	326,293	464,739	-15,170								
6/30/2016	111,641	290,837	80,830	38,721									
6/30/2017	33,998	321,073	111,789										
6/30/2018	242,748	52,340											
6/30/2019	108,683												

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
6/30/2001	0.0363	0.1757	0.0682	0.0021	0.0002	0.0185	-0.0046	0.0004	-0.0004	0.0000	0.0000	0.0000	0.0000
6/30/2002	0.0744	0.0571	0.1370	0.0123	0.0019	0.0000	0.0113	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
6/30/2003	0.0722	0.2663	0.1760	0.0239	0.0040	0.0081	-0.0257	0.0003	0.0000	0.0000	0.0000	0.0000	0.0000
6/30/2004	0.1299	0.1193	0.1672	0.0679	0.2767	0.1253	0.0414	0.0212	0.0007	0.0000	0.0000	0.0000	0.0000
6/30/2005	0.0933	0.1388	0.1127	0.0495	0.0076	0.1218	0.0134	0.0000	0.0000	0.0000	0.0000	-0.0141	0.0000
6/30/2006	0.0444	0.0917	0.0174	0.0062	0.0060	0.0000	0.0165	-0.0052	0.0000	0.0013	0.0000	0.0000	0.0000
6/30/2007	0.1338	-0.0286	0.0693	0.0541	-0.0161	0.0114	-0.0007	-0.0013	0.0000	0.0000	0.0000	0.0000	0.0000
6/30/2008	0.0615	0.2451	0.1003	0.0558	0.1101	0.0049	0.0000	-0.0021	0.0000	0.0000	0.0000	0.0000	0.0000
6/30/2009	0.0396	0.2415	-0.0115	0.1256	0.0290	0.0058	0.0055	0.0000	0.0276	0.0132	-0.0058		
6/30/2010	0.0443	0.1561	0.1177	-0.0015	-0.0115	-0.0027	0.0000	0.0000	0.0000	0.0000			
6/30/2011	0.0897	0.0696	0.1031	0.0660	-0.0120	0.0000	-0.0001	0.0000	0.0000				
6/30/2012	0.0925	0.0802	0.0481	0.0231	0.0018	-0.0101	0.0257	0.0292					
6/30/2013	0.0963	0.0596	0.1152	0.0178	0.0082	0.0037	0.0240						
6/30/2014	0.0498	0.0847	0.1725	0.1318	0.0004	0.0037							
6/30/2015	0.0116	0.0895	0.0932	0.1328	-0.0043								
6/30/2016	0.0440	0.1145	0.0318	0.0152									
6/30/2017	0.0139	0.1316	0.0458										
6/30/2018	0.1046	0.0226											
6/30/2019	0.0275												

Best 3/5	0.0285	0.0962	0.0847	0.0576	-0.0007	0.0003	0.0098	0.0000	0.0000	0.0004	0.0000	0.0000	0.0000
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PREMISES/OPERATIONS (Subline Code 334)
 MANUFACTURERS AND CONTRACTORS
 FULL COVERAGE
 OREGON
 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
6/30/2001	1,034,121	1,147,013	1,143,011	1,259,061	1,083,869	1,183,210	1,239,911	1,113,089	1,113,089	1,103,090	1,102,589
6/30/2002	473,522	671,952	973,344	887,919	873,420	937,742	995,304	954,200	954,201	960,699	1,004,200
6/30/2003	601,247	678,845	732,061	698,150	711,276	710,997	704,050	704,049	743,546	723,787	703,045
6/30/2004	747,213	859,022	789,266	787,749	852,449	927,449	927,452	933,950	938,421	938,422	938,421
6/30/2005	851,129	911,682	952,018	933,759	928,759	929,979	994,979	959,979	941,479	941,579	941,479
6/30/2006	1,048,147	1,029,665	1,180,922	1,201,283	1,176,282	1,178,535	1,178,532	1,186,032	1,211,032	1,183,032	1,184,032
6/30/2007	960,709	1,146,987	1,199,592	1,260,405	1,305,505	1,367,803	1,507,005	1,461,218	1,461,218	1,461,218	1,461,218
6/30/2008	1,269,233	1,659,288	1,566,684	1,639,817	1,561,314	1,539,216	1,538,614	1,538,616	1,538,614	1,538,614	1,538,614
6/30/2009	1,353,994	1,437,911	1,378,063	1,345,933	1,337,632	1,380,632	1,355,633	1,318,632	1,312,634	1,312,634	1,317,045
6/30/2010	1,146,614	1,366,314	1,367,590	1,429,439	1,402,974	1,407,975	1,428,358	1,429,358	1,428,358	1,429,829	1,429,093
6/30/2011	1,523,524	1,641,643	1,565,922	1,457,279	1,575,914	1,571,061	1,575,080	1,624,830	1,576,301	1,575,565	
6/30/2012	1,281,160	1,476,957	1,602,353	1,602,969	1,645,082	1,622,592	1,618,152	1,707,901	1,617,701		
6/30/2013	1,444,536	1,169,306	1,448,675	1,388,077	1,404,573	1,519,084	1,437,868	1,495,334			
6/30/2014	1,457,094	1,504,145	1,432,556	1,408,514	1,380,564	1,384,070	1,448,893				
6/30/2015	966,902	787,726	1,165,733	1,373,853	1,302,675	1,417,979					
6/30/2016	1,628,909	2,044,611	1,889,532	2,049,753	1,977,417						
6/30/2017	1,343,974	1,265,810	1,277,779	1,298,276							
6/30/2018	1,483,361	1,653,622	1,733,654								
6/30/2019	1,667,517	1,792,465									
6/30/2020	1,267,457										
A.Y.E.	147 Months	159 Months	171 Months	183 Months	195 Months	207 Months	219 Months	231 Months	243 Months		
6/30/2001	1,102,596	1,096,588	1,096,589	1,096,588	1,096,587	1,096,589	1,096,587	1,096,587	1,096,587		
6/30/2002	994,202	994,200	994,200	994,200	994,200	994,200	994,200	994,200	994,200		
6/30/2003	702,739	702,739	702,739	702,739	702,739	702,739	702,739				
6/30/2004	938,421	938,522	958,428	938,421	938,421	938,421					
6/30/2005	941,479	936,479	936,479	936,479	936,479						
6/30/2006	1,183,532	1,183,532	1,183,532	1,183,532							
6/30/2007	1,461,218	1,461,218	1,481,218								
6/30/2008	1,538,614	1,538,614									
6/30/2009	1,315,572										

PREMISES/OPERATIONS (Subline Code 334)

MANUFACTURERS AND CONTRACTORS

FULL COVERAGE

OREGON

PROPERTY DAMAGE - OCCURRENCE

INCURRED ACCIDENT YEAR BASIC LIMITS LOSS DEVELOPMENT EXCLUDING ALAE

Link Ratios

<u>A.Y.E.</u>	<u>27: 15</u>	<u>39: 27</u>	<u>51: 39</u>	<u>63: 51</u>	<u>75: 63</u>	<u>87: 75</u>	<u>99: 87</u>	<u>111: 99</u>	<u>123:111</u>	<u>135:123</u>	<u>147:135</u>
6/30/2001	1.109	0.997	1.102	0.861	1.092	1.048	0.898	1.000	0.991	1.000	1.000
6/30/2002	1.419	1.449	0.912	0.984	1.074	1.061	0.959	1.000	1.007	1.045	0.990
6/30/2003	1.129	1.078	0.954	1.019	1.000	0.990	1.000	1.056	0.973	0.971	1.000
6/30/2004	1.150	0.919	0.998	1.082	1.088	1.000	1.007	1.005	1.000	1.000	1.000
6/30/2005	1.071	1.044	0.981	0.995	1.001	1.070	0.965	0.981	1.000	1.000	1.000
6/30/2006	0.982	1.147	1.017	0.979	1.002	1.000	1.006	1.021	0.977	1.001	1.000
6/30/2007	1.194	1.046	1.051	1.036	1.048	1.102	0.970	1.000	1.000	1.000	1.000
6/30/2008	1.307	0.944	1.047	0.952	0.986	1.000	1.000	1.000	1.000	1.000	1.000
6/30/2009	1.062	0.958	0.977	0.994	1.032	0.982	0.973	0.995	1.000	1.003	0.999
6/30/2010	1.192	1.001	1.045	0.981	1.004	1.014	1.001	0.999	1.001	0.999	
6/30/2011	1.078	0.954	0.931	1.081	0.997	1.003	1.032	0.970	1.000		
6/30/2012	1.153	1.085	1.000	1.026	0.986	0.997	1.055	0.947			
6/30/2013	0.809	1.239	0.958	1.012	1.082	0.947	1.040				
6/30/2014	1.032	0.952	0.983	0.980	1.003	1.047					
6/30/2015	0.815	1.480	1.179	0.948	1.089						
6/30/2016	1.255	0.924	1.085	0.965							
6/30/2017	0.942	1.009	1.016								
6/30/2018	1.115	1.048									
6/30/2019	1.075										
3 Yr Mean	1.044	0.994	1.093	0.964	1.058	0.997	1.042	0.972	1.000	1.001	1.000
Best 3/5	1.044	1.003	1.028	0.986	1.027	1.005	1.024	0.988	1.000	1.000	1.000

<u>A.Y.E.</u>	<u>159:147</u>	<u>171:159</u>	<u>183:171</u>	<u>195:183</u>	<u>207:195</u>	<u>219:207</u>	<u>231:219</u>	<u>243:231</u>
6/30/2001	0.995	1.000	1.000	1.000	1.000	1.000	1.000	1.000
6/30/2002	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000 *
6/30/2003	1.000	1.000	1.000	1.000	1.000	1.000	1.000 *	1.000 *
6/30/2004	1.000	1.021	0.979	1.000	1.000	1.000 *	1.000 *	1.000 *
6/30/2005	0.995	1.000	1.000	1.000	1.000 *	1.000 *	1.000 *	1.000 *
6/30/2006	1.000	1.000	1.000					
6/30/2007	1.000	1.014						
6/30/2008	1.000							
3 Yr Mean	1.000	1.005	0.993	1.000	1.000 @	1.000 @	1.000 @	1.000 @
Best 3/5	1.000	1.005	1.000	1.000	1.000 *	1.000 *	1.000 *	1.000 *

Development From

<u>A.Y.E.</u>	<u>15/ 27</u>	<u>27/ 39</u>	<u>39/ 51</u>	<u>51/ 63</u>	<u>63/ 75</u>	<u>75/ 87</u>	<u>87/ 99</u>	<u>99/111</u>	<u>111/123</u>	<u>123/135</u>	<u>135/147</u>
6/30/2016					1.027	1.005	1.024	0.988	1.000	1.000	1.000
6/30/2017				0.986	1.027	1.005	1.024	0.988	1.000	1.000	1.000
6/30/2018			1.028	0.986	1.027	1.005	1.024	0.988	1.000	1.000	1.000
6/30/2019		1.003	1.028	0.986	1.027	1.005	1.024	0.988	1.000	1.000	1.000
6/30/2020	1.044	1.003	1.028	0.986	1.027	1.005	1.024	0.988	1.000	1.000	1.000

<u>A.Y.E.</u>	<u>147/159</u>	<u>159/171</u>	<u>171/183</u>	<u>183/195</u>	<u>195/207</u>	<u>207/219</u>	<u>219/231</u>	<u>231/243</u>	<u>243/Ult</u>	<u>FACTORS</u>
6/30/2016	1.000	1.005	1.000	1.000	1.000	1.000	1.000	1.000	1.000*	1.049
6/30/2017	1.000	1.005	1.000	1.000	1.000	1.000	1.000	1.000	1.000*	1.035
6/30/2018	1.000	1.005	1.000	1.000	1.000	1.000	1.000	1.000	1.000*	1.064
6/30/2019	1.000	1.005	1.000	1.000	1.000	1.000	1.000	1.000	1.000*	1.067
6/30/2020	1.000	1.005	1.000	1.000	1.000	1.000	1.000	1.000	1.000*	1.114

* Calculated Using Modified Bondy Method

@ Three year mean Excludes Modified Bondy ratios

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

A.Y.E.	<u>15 Months</u>	<u>27 Months</u>	<u>39 Months</u>	<u>51 Months</u>	<u>63 Months</u>	<u>75 Months</u>	<u>87 Months</u>	<u>99 Months</u>	<u>111 Months</u>	<u>123 Months</u>	<u>135 Months</u>
6/30/2001	59,001	57,476	116,870	281,049	369,908	523,256	622,463	664,874	665,902	655,404	655,404
6/30/2002	104,207	168,803	230,869	289,549	351,659	526,998	620,439	637,375	638,920	520,494	536,617
6/30/2003	8,738	14,259	42,019	44,312	70,717	77,978	77,578	77,578	97,578	84,717	84,710
6/30/2004	81,395	309,364	386,300	283,856	319,270	324,931	324,931	324,931	338,046	338,046	338,156
6/30/2005	47,951	51,347	131,691	168,624	172,346	172,346	173,162	173,162	173,162	173,262	173,162
6/30/2006	22,887	52,372	79,652	181,587	182,078	182,078	182,078	185,014	185,240	187,182	194,651
6/30/2007	62,953	275,933	281,697	250,860	337,157	350,025	425,335	440,210	445,137	445,137	445,137
6/30/2008	102,587	184,167	237,251	316,255	322,842	308,121	310,949	310,949	310,949	310,949	310,949
6/30/2009	26,571	159,431	211,305	260,125	248,290	259,098	277,318	269,474	271,188	275,124	289,494
6/30/2010	47,198	105,200	151,461	248,522	281,361	284,316	291,393	293,744	293,744	296,540	296,684
6/30/2011	143,058	307,377	369,557	336,451	360,609	366,742	369,509	369,509	372,305	370,978	
6/30/2012	123,158	226,127	400,900	456,895	549,559	556,431	527,726	539,292	561,664		
6/30/2013	98,466	204,956	410,056	501,764	524,626	541,348	580,536	585,339			
6/30/2014	94,551	226,354	290,539	372,670	397,086	432,778	493,593				
6/30/2015	87,058	229,806	428,041	750,756	906,171	994,307					
6/30/2016	226,651	415,361	457,286	459,447	485,398						
6/30/2017	183,879	142,337	208,484	226,461							
6/30/2018	71,570	220,599	381,239								
6/30/2019	153,726	325,540									
6/30/2020	267,901										

A.Y.E.	<u>147 Months</u>	<u>159 Months</u>	<u>171 Months</u>	<u>183 Months</u>	<u>195 Months</u>	<u>207 Months</u>	<u>219 Months</u>	<u>231 Months</u>	<u>243 Months</u>
6/30/2001	655,404	655,404	655,404	655,404	655,404	655,404	655,404	655,404	655,404
6/30/2002	550,955	550,955	550,955	550,955	550,955	550,955	550,955	550,955	
6/30/2003	84,710	84,710	84,710	84,710	84,710	84,710	84,710		
6/30/2004	338,156	338,156	348,156	356,264	356,264	356,264			
6/30/2005	173,162	173,162	173,162	173,162	173,162				
6/30/2006	194,651	194,762	194,762	194,762					
6/30/2007	445,137	445,137	446,430						
6/30/2008	310,949	310,949							
6/30/2009	282,044								

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

A.Y.E.	Increments												
	<u>27: 15</u>	<u>39: 27</u>	<u>51: 39</u>	<u>63: 51</u>	<u>75: 63</u>	<u>87: 75</u>	<u>99: 87</u>	<u>111: 99</u>	<u>123: 111</u>	<u>135: 123</u>	<u>147: 135</u>	<u>159:147</u>	<u>171:159</u>
6/30/2001	-1,525	59,394	164,179	88,859	153,348	99,207	42,411	1,028	-10,498	0	0	0	0
6/30/2002	64,596	62,066	58,680	62,110	175,339	93,441	16,936	1,545	-118,426	16,123	14,338	0	0
6/30/2003	5,521	27,760	2,293	26,405	7,261	-400	0	20,000	-12,861	-7	0	0	0
6/30/2004	227,969	76,936	-102,444	35,414	5,661	0	0	13,115	0	110	0	0	10,000
6/30/2005	3,396	80,344	36,933	3,722	0	816	0	0	100	-100	0	0	0
6/30/2006	29,485	27,280	101,935	491	0	0	2,936	226	1,942	7,469	0	111	0
6/30/2007	212,980	5,764	-30,837	86,297	12,868	75,310	14,875	4,927	0	0	0	0	1,293
6/30/2008	81,580	53,084	79,004	6,587	-14,721	2,828	0	0	0	0	0	0	0
6/30/2009	132,860	51,874	48,820	-11,835	10,808	18,220	-7,844	1,714	3,936	14,370	-7,450	0	0
6/30/2010	58,002	46,261	97,061	32,839	2,955	7,077	2,351	0	2,796	144	0	0	0
6/30/2011	164,319	62,180	-33,106	24,158	6,133	2,767	0	2,796	-1,327	0	0	0	0
6/30/2012	102,969	174,773	55,995	92,664	6,872	-28,705	11,566	22,372	0	0	0	0	0
6/30/2013	106,490	205,100	91,708	22,862	16,722	39,188	4,803	0	0	0	0	0	0
6/30/2014	131,803	64,185	82,131	24,416	35,692	60,815	0	0	0	0	0	0	0
6/30/2015	142,748	198,235	322,715	155,415	88,136	0	0	0	0	0	0	0	0
6/30/2016	188,710	41,925	2,161	25,951	0	0	0	0	0	0	0	0	0
6/30/2017	-41,542	66,147	17,977	0	0	0	0	0	0	0	0	0	0
6/30/2018	149,029	160,640	0	0	0	0	0	0	0	0	0	0	0
6/30/2019	171,814	0	0	0	0	0	0	0	0	0	0	0	0

A.Y.E.	Incremental Percentages												
	<u>27: 15</u>	<u>39: 27</u>	<u>51: 39</u>	<u>63: 51</u>	<u>75: 63</u>	<u>87: 75</u>	<u>99: 87</u>	<u>111: 99</u>	<u>123: 111</u>	<u>135: 123</u>	<u>147: 135</u>	<u>159:147</u>	<u>171:159</u>
6/30/2001	-0.0009	0.0340	0.0939	0.0508	0.0877	0.0567	0.0243	0.0006	-0.0060	0.0000	0.0000	0.0000	0.0000
6/30/2002	0.0458	0.0440	0.0416	0.0440	0.1242	0.0662	0.0120	0.0011	-0.0839	0.0114	0.0102	0.0000	0.0000
6/30/2003	0.0076	0.0381	0.0031	0.0362	0.0100	-0.0005	0.0000	0.0274	-0.0176	0.0000	0.0000	0.0000	0.0000
6/30/2004	0.1238	0.0418	-0.0556	0.0192	0.0031	0.0000	0.0000	0.0071	0.0000	0.0001	0.0000	0.0000	0.0054
6/30/2005	0.0030	0.0716	0.0329	0.0033	0.0000	0.0007	0.0000	0.0000	0.0001	-0.0001	0.0000	0.0000	0.0000
6/30/2006	0.0211	0.0195	0.0731	0.0004	0.0000	0.0000	0.0021	0.0002	0.0014	0.0054	0.0000	0.0001	0.0000
6/30/2007	0.1101	0.0030	-0.0159	0.0446	0.0067	0.0389	0.0077	0.0025	0.0000	0.0000	0.0000	0.0000	0.0007
6/30/2008	0.0425	0.0277	0.0412	0.0034	-0.0077	0.0015	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
6/30/2009	0.0995	0.0388	0.0366	-0.0089	0.0081	0.0136	-0.0059	0.0013	0.0029	0.0108	-0.0056	0.0000	0.0000
6/30/2010	0.0316	0.0252	0.0529	0.0179	0.0016	0.0039	0.0013	0.0000	0.0015	0.0001	0.0000	0.0000	0.0000
6/30/2011	0.0728	0.0275	-0.0147	0.0107	0.0027	0.0012	0.0000	0.0012	-0.0006	0.0000	0.0000	0.0000	0.0000
6/30/2012	0.0558	0.0948	0.0304	0.0502	0.0037	-0.0156	0.0063	0.0121	0.0000	0.0000	0.0000	0.0000	0.0000
6/30/2013	0.0615	0.1185	0.0530	0.0132	0.0097	0.0226	0.0028	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
6/30/2014	0.0835	0.0407	0.0520	0.0155	0.0226	0.0385	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
6/30/2015	0.0930	0.1292	0.2104	0.1013	0.0574	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
6/30/2016	0.0599	0.0133	0.0007	0.0082	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
6/30/2017	-0.0289	0.0460	0.0125	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
6/30/2018	0.0560	0.0604	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
6/30/2019	0.0625	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	0.0595	0.0490	0.0392	0.0263	0.0120	0.0092	0.0014	0.0008	0.0005	0.0018	0.0000	0.0000	0.0002
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PREMISES/OPERATIONS (Subline Code 334)
 OWNERS, LANDLORDS AND TENANTS
 FULL COVERAGE
 OREGON

BODILY INJURY - OCCURRENCE

INCURRED ACCIDENT YEAR BASIC LIMITS LOSS DEVELOPMENT EXCLUDING ALAE

\$100,000 Basic Limit Losses as of:

A.Y.E.	15 Months	27 Months	39 Months	51 Months	63 Months	75 Months	87 Months	99 Months	111 Months	123 Months	135 Months
6/30/2001	2,082,534	2,241,050	2,417,556	2,213,075	2,153,822	2,099,402	2,199,402	2,199,401	2,199,411	2,199,401	2,199,401
6/30/2002	1,390,378	1,729,636	1,694,661	1,727,320	1,799,521	1,864,782	1,818,612	1,818,612	1,818,612	1,818,612	1,818,612
6/30/2003	1,203,658	1,548,200	2,516,518	2,498,831	2,469,331	2,429,330	2,373,230	2,333,230	2,333,230	2,333,230	2,333,230
6/30/2004	1,952,690	1,949,886	1,951,787	1,821,999	1,831,998	1,764,998	1,764,998	1,754,646	1,759,646	1,759,646	1,759,646
6/30/2005	2,397,471	2,571,281	2,833,094	2,451,502	2,512,087	2,456,533	2,456,533	2,456,533	2,496,532	2,487,087	2,487,087
6/30/2006	2,314,727	3,009,093	3,234,574	2,864,452	2,956,480	2,951,480	2,975,230	2,975,230	2,975,230	2,980,230	2,975,230
6/30/2007	1,868,942	2,097,193	2,331,952	2,264,029	2,024,431	2,024,009	2,024,009	2,024,009	2,024,009	2,024,009	2,024,009
6/30/2008	2,021,562	2,197,253	2,175,855	2,184,973	2,377,776	2,477,939	2,462,939	2,472,939	2,550,439	2,550,439	2,550,439
6/30/2009	1,881,563	1,895,519	1,914,261	1,950,423	1,855,423	1,929,804	1,829,803	1,829,803	1,829,803	1,829,803	1,829,803
6/30/2010	1,866,954	2,360,175	2,936,217	2,998,467	3,098,467	3,098,467	3,098,467	3,098,467	3,098,467	3,098,467	3,098,467
6/30/2011	2,204,292	2,311,354	2,812,947	2,486,523	2,445,728	2,428,228	2,428,228	2,428,228	2,478,228	2,478,231	
6/30/2012	1,425,979	2,011,510	2,713,215	2,570,185	2,535,185	2,535,185	2,537,685	2,537,685	2,537,685		
6/30/2013	2,178,608	2,202,613	1,949,096	1,964,023	2,025,326	1,975,326	1,958,327	1,958,326			
6/30/2014	1,895,209	2,229,404	2,528,885	2,619,226	2,631,226	2,831,226	2,828,726				
6/30/2015	2,412,142	2,699,708	3,251,384	3,117,626	3,152,376	3,179,644					
6/30/2016	1,341,627	2,268,124	2,779,993	2,950,329	2,957,965						
6/30/2017	2,115,671	3,499,599	3,770,207	3,656,180							
6/30/2018	2,603,154	3,201,843	3,558,337								
6/30/2019	2,792,659	3,455,898									
6/30/2020	2,021,836										

A.Y.E.	147 Months	159 Months	171 Months	183 Months	195 Months	207 Months	219 Months	231 Months	243 Months
6/30/2001	2,199,401	2,199,401	2,199,401	2,199,401	2,199,401	2,199,401	2,199,401	2,199,401	2,199,401
6/30/2002	1,818,612	1,818,612	1,848,612	1,838,351	1,838,351	1,838,351	1,838,351	1,838,351	
6/30/2003	2,333,230	2,333,230	2,333,230	2,333,230	2,333,230	2,333,230	2,333,230		
6/30/2004	1,759,646	1,759,646	1,759,646	1,759,646	1,759,646	1,759,646			
6/30/2005	2,487,087	2,487,087	2,487,087	2,487,087	2,487,087				
6/30/2006	2,975,330	2,975,230	2,975,230	2,975,230					
6/30/2007	2,024,009	2,124,009	2,124,009						
6/30/2008	2,550,439	2,550,439							
6/30/2009	1,829,803								

PREMISES/OPERATIONS (Subline Code 334)

OWNERS, LANDLORDS AND TENANTS

FULL COVERAGE

OREGON

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>
6/30/2001	1.076	1.079	0.915	0.973	0.975	1.048	1.000	1.000	1.000	1.000	1.000
6/30/2002	1.244	0.980	1.019	1.042	1.036	0.975	1.000	1.000	1.000	1.000	1.000
6/30/2003	1.286	1.625	0.993	0.988	0.984	0.977	1.000	1.000	1.000	1.000	1.000
6/30/2004	0.999	1.001	0.934	1.005	0.963	1.000	0.994	1.003	1.000	1.000	1.000
6/30/2005	1.072	1.102	0.865	1.025	0.978	1.000	1.000	1.016	0.996	1.000	1.000
6/30/2006	1.300	1.075	0.886	1.032	0.998	1.008	1.000	1.000	1.002	0.998	1.000
6/30/2007	1.122	1.112	0.971	0.894	1.000	1.000	1.000	1.000	1.000	1.000	1.000
6/30/2008	1.087	0.990	1.004	1.088	1.042	0.994	1.004	1.031	1.000	1.000	1.000
6/30/2009	1.007	1.010	1.019	0.951	1.040	0.948	1.000	1.000	1.000	1.000	1.000
6/30/2010	1.264	1.244	1.021	1.033	1.000	1.000	1.000	1.000	1.000	1.000	1.000
6/30/2011	1.049	1.217	0.884	0.984	0.993	1.000	1.000	1.021	1.000		
6/30/2012	1.411	1.349	0.947	0.986	1.000	1.001	1.000	1.000			
6/30/2013	1.011	0.885	1.008	1.031	0.975	0.991	1.000				
6/30/2014	1.176	1.134	1.036	1.005	1.076	0.999					
6/30/2015	1.119	1.204	0.959	1.011	1.009						
6/30/2016	1.691	1.226	1.061	1.003							
6/30/2017	1.654	1.077	0.970								
6/30/2018	1.230	1.111									
6/30/2019	1.237										
3 Yr Mean	1.374	1.138	0.997	1.006	1.020	0.997	1.000	1.007	1.000	1.000	1.000
Best 3/5	1.374	1.150	1.005	1.006	1.001	1.000	1.000	1.007	1.000	1.000	1.000

<u>A.Y.E.</u>	<u>159:147</u>	<u>171:159</u>	<u>183:171</u>	<u>195:183</u>	<u>207:195</u>	<u>219:207</u>	<u>231:219</u>	<u>243:231</u>
6/30/2001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
6/30/2002	1.000	1.016	0.994	1.000	1.000	1.000	1.000	1.000 *
6/30/2003	1.000	1.000	1.000	1.000	1.000	1.000	1.000 *	1.000 *
6/30/2004	1.000	1.000	1.000	1.000	1.000	1.000 *	1.000 *	1.000 *
6/30/2005	1.000	1.000	1.000	1.000	1.000 *	1.000 *	1.000 *	1.000 *
6/30/2006	1.000	1.000	1.000					
6/30/2007	1.049	1.000						
6/30/2008	1.000							
3 Yr Mean	1.016	1.000	1.000	1.000	1.000 @	1.000 @	1.000 @	1.000 @
Best 3/5	1.000	1.000	1.000	1.000	1.000 *	1.000 *	1.000 *	1.000 *

Development From

<u>A.Y.E.</u>	<u>15/ 27</u>	<u>27/ 39</u>	<u>39/ 51</u>	<u>51/ 63</u>	<u>63/ 75</u>	<u>75/ 87</u>	<u>87/ 99</u>	<u>99/111</u>	<u>111/123</u>	<u>123/135</u>	<u>135/147</u>
6/30/2016					1.001	1.000	1.000	1.007	1.000	1.000	1.000
6/30/2017				1.006	1.001	1.000	1.000	1.007	1.000	1.000	1.000
6/30/2018			1.005	1.006	1.001	1.000	1.000	1.007	1.000	1.000	1.000
6/30/2019		1.150	1.005	1.006	1.001	1.000	1.000	1.007	1.000	1.000	1.000
6/30/2020	1.374	1.150	1.005	1.006	1.001	1.000	1.000	1.007	1.000	1.000	1.000

<u>A.Y.E.</u>	<u>147/159</u>	<u>159/171</u>	<u>171/183</u>	<u>183/195</u>	<u>195/207</u>	<u>207/219</u>	<u>219/231</u>	<u>231/243</u>	<u>243/Ult</u>	<u>FACTORS</u>
6/30/2016	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000*	1.008
6/30/2017	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000*	1.014
6/30/2018	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000*	1.019
6/30/2019	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000*	1.172
6/30/2020	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000*	1.610

* Calculated Using Modified Bondy Method

@ Three year mean Excludes Modified Bondy ratios

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

A.Y.E.	<u>15 Months</u>	<u>27 Months</u>	<u>39 Months</u>	<u>51 Months</u>	<u>63 Months</u>	<u>75 Months</u>	<u>87 Months</u>	<u>99 Months</u>	<u>111 Months</u>	<u>123 Months</u>	<u>135 Months</u>
6/30/2001	163,179	391,292	541,656	743,059	765,738	792,741	792,741	789,207	800,470	794,056	794,056
6/30/2002	73,965	235,588	283,612	362,655	401,467	448,753	459,219	506,536	512,270	497,741	481,615
6/30/2003	92,907	232,184	508,832	822,457	855,682	890,672	844,673	839,678	839,438	839,318	839,258
6/30/2004	124,185	300,599	342,201	412,965	428,926	428,537	427,943	425,567	424,379	423,785	423,785
6/30/2005	397,869	425,829	674,145	679,857	850,702	811,599	836,659	843,014	819,288	819,288	819,223
6/30/2006	108,406	293,942	650,397	698,097	710,171	704,267	707,939	722,357	722,357	724,530	735,916
6/30/2007	170,925	412,002	718,186	951,152	1,168,957	1,189,171	1,189,171	1,189,171	1,189,171	1,189,171	1,189,171
6/30/2008	190,849	505,834	719,653	626,703	599,310	845,755	871,445	908,016	931,941	931,268	931,268
6/30/2009	175,682	209,526	463,823	455,703	594,132	788,507	805,645	832,432	832,432	832,432	832,432
6/30/2010	173,831	330,557	705,029	764,571	947,386	1,042,610	1,056,059	1,056,310	1,056,310	1,056,310	1,056,359
6/30/2011	214,902	649,081	1,331,990	1,344,343	1,361,573	1,312,413	1,372,365	1,368,151	1,363,847	1,379,062	
6/30/2012	148,882	339,747	855,189	787,848	787,500	810,197	810,234	810,234	810,234		
6/30/2013	182,853	367,938	414,863	600,883	651,449	680,776	694,505	687,086			
6/30/2014	409,191	656,547	1,039,644	1,351,564	1,350,396	1,380,654	1,380,808				
6/30/2015	306,118	506,912	910,972	1,057,616	1,122,067	1,103,204					
6/30/2016	203,975	482,382	833,994	791,608	780,913						
6/30/2017	178,843	510,009	895,209	1,117,160							
6/30/2018	300,011	613,538	1,192,798								
6/30/2019	513,804	668,778									
6/30/2020	214,018										

A.Y.E.	<u>147 Months</u>	<u>159 Months</u>	<u>171 Months</u>	<u>183 Months</u>	<u>195 Months</u>	<u>207 Months</u>	<u>219 Months</u>	<u>231 Months</u>	<u>243 Months</u>
6/30/2001	794,056	794,056	794,056	794,056	794,056	794,056	794,056	794,056	794,056
6/30/2002	481,615	481,615	557,605	557,605	557,605	557,605	557,605	557,605	
6/30/2003	839,258	839,258	839,258	839,258	839,258	839,258	839,258		
6/30/2004	423,785	423,785	423,785	423,785	423,785	423,785			
6/30/2005	819,223	819,223	819,223	819,223	819,223				
6/30/2006	735,916	735,916	735,916	735,916					
6/30/2007	1,189,171	1,239,171	1,206,215						
6/30/2008	931,268	931,268							
6/30/2009	833,457								

PREMISES/OPERATIONS (Subline Code 334)
 OWNERS, LANDLORDS AND TENANTS
 FULL COVERAGE
 OREGON
 BODILY INJURY - OCCURRENCE
 INCURRED ACCIDENT YEAR INCREMENTAL 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
6/30/2001	228,113	150,364	201,403	22,679	27,003	0	-3,534	11,263	-6,414	0	0	0	0
6/30/2002	161,623	48,024	79,043	38,812	47,286	10,466	47,317	5,734	-14,529	-16,126	0	0	75,990
6/30/2003	139,277	276,648	313,625	33,225	34,990	-45,999	-4,995	-240	-120	-60	0	0	0
6/30/2004	176,414	41,602	70,764	15,961	-389	-594	-2,376	-1,188	-594	0	0	0	0
6/30/2005	27,960	248,316	5,712	170,845	-39,103	25,060	6,355	-23,726	0	-65	0	0	0
6/30/2006	185,536	356,455	47,700	12,074	-5,904	3,672	14,418	0	2,173	11,386	0	0	0
6/30/2007	241,077	306,184	232,966	217,805	20,214	0	0	0	0	0	0	50,000	-32,956
6/30/2008	314,985	213,819	-92,950	-27,393	246,445	25,690	36,571	23,925	-673	0	0	0	0
6/30/2009	33,844	254,297	-8,120	138,429	194,375	17,138	26,787	0	0	0	1,025	0	0
6/30/2010	156,726	374,472	59,542	182,815	95,224	13,449	251	0	0	49	0	0	0
6/30/2011	434,179	682,909	12,353	17,230	-49,160	59,952	-4,214	-4,304	15,215	0	0	0	0
6/30/2012	190,865	515,442	-67,341	-348	22,697	37	0	0	0	0	0	0	0
6/30/2013	185,085	46,925	186,020	50,566	29,327	13,729	-7,419	0	0	0	0	0	0
6/30/2014	247,356	383,097	311,920	-1,168	30,258	154	0	0	0	0	0	0	0
6/30/2015	200,794	404,060	146,644	64,451	-18,863	0	0	0	0	0	0	0	0
6/30/2016	278,407	351,612	-42,386	-10,695	0	0	0	0	0	0	0	0	0
6/30/2017	331,166	385,200	221,951	0	0	0	0	0	0	0	0	0	0
6/30/2018	313,527	579,260	0	0	0	0	0	0	0	0	0	0	0
6/30/2019	154,974	0	0	0	0	0	0	0	0	0	0	0	0

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
6/30/2001	0.0727	0.0479	0.0642	0.0072	0.0086	0.0000	-0.0011	0.0036	-0.0020	0.0000	0.0000	0.0000	0.0000
6/30/2002	0.0655	0.0195	0.0320	0.0157	0.0192	0.0042	0.0192	0.0023	-0.0059	-0.0065	0.0000	0.0000	0.0308
6/30/2003	0.0473	0.0940	0.1065	0.0113	0.0119	-0.0156	-0.0017	-0.0001	0.0000	0.0000	0.0000	0.0000	0.0000
6/30/2004	0.0975	0.0230	0.0391	0.0088	-0.0002	-0.0003	-0.0013	-0.0007	-0.0003	0.0000	0.0000	0.0000	0.0000
6/30/2005	0.0087	0.0777	0.0018	0.0534	-0.0122	0.0078	0.0020	-0.0074	0.0000	0.0000	0.0000	0.0000	0.0000
6/30/2006	0.0478	0.0918	0.0123	0.0031	-0.0015	0.0009	0.0037	0.0000	0.0006	0.0029	0.0000	0.0000	0.0000
6/30/2007	0.0635	0.0806	0.0613	0.0573	0.0053	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0132	-0.0087
6/30/2008	0.0774	0.0525	-0.0228	-0.0067	0.0605	0.0063	0.0090	0.0059	-0.0002	0.0000	0.0000	0.0000	0.0000
6/30/2009	0.0147	0.1105	-0.0035	0.0601	0.0844	0.0074	0.0116	0.0000	0.0000	0.0000	0.0004	0.0000	0.0000
6/30/2010	0.0296	0.0708	0.0113	0.0346	0.0180	0.0025	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
6/30/2011	0.1488	0.2340	0.0042	0.0059	-0.0168	0.0205	-0.0014	-0.0015	0.0052	0.0000	0.0000	0.0000	0.0000
6/30/2012	0.0596	0.1610	-0.0210	-0.0001	0.0071	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
6/30/2013	0.0736	0.0186	0.0739	0.0201	0.0117	0.0055	-0.0029	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
6/30/2014	0.0648	0.1003	0.0817	-0.0003	0.0079	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
6/30/2015	0.0439	0.0883	0.0321	0.0141	-0.0041	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
6/30/2016	0.0738	0.0932	-0.0112	-0.0028	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
6/30/2017	0.0497	0.0578	0.0333	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
6/30/2018	0.0652	0.1204	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
6/30/2019	0.0202	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	0.0529	0.0939	0.0464	0.0046	0.0036	0.0027	-0.0005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
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PREMISES/OPERATIONS (Subline Code 334)
 OWNERS, LANDLORDS AND TENANTS
 FULL COVERAGE
 OREGON
 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
6/30/2001	311,101	385,071	570,970	530,970	629,200	580,424	534,650	534,649	534,649	534,649	559,649
6/30/2002	207,254	150,198	128,552	308,802	246,544	166,044	171,043	166,044	166,044	166,044	166,044
6/30/2003	340,231	257,736	334,735	286,773	284,012	304,012	374,645	374,645	374,645	374,645	374,645
6/30/2004	231,842	237,180	337,475	337,475	338,375	343,148	343,148	343,148	343,148	343,148	343,148
6/30/2005	279,330	272,651	285,032	289,382	294,382	289,382	289,382	289,382	289,382	289,382	289,382
6/30/2006	261,154	186,959	304,244	316,800	316,850	456,845	506,845	476,296	397,643	387,643	387,643
6/30/2007	542,364	414,508	280,804	305,473	380,033	380,787	375,787	375,787	400,787	400,787	400,787
6/30/2008	244,841	307,655	369,215	408,963	416,793	457,794	457,794	457,794	457,794	457,794	487,794
6/30/2009	395,347	355,267	358,568	309,632	298,632	298,632	298,632	298,632	298,632	298,632	298,632
6/30/2010	541,573	543,787	655,342	662,932	667,932	640,132	675,130	658,525	691,644	649,144	649,144
6/30/2011	581,107	653,445	654,069	589,569	589,569	599,570	592,283	592,283	607,283	596,883	
6/30/2012	1,292,147	1,178,247	1,294,873	1,215,271	1,212,146	1,212,146	1,211,996	1,214,503	1,264,503		
6/30/2013	600,688	555,382	517,916	513,464	523,468	589,262	634,262	784,262			
6/30/2014	753,908	815,534	961,302	904,302	858,098	933,269	997,099				
6/30/2015	1,427,516	1,471,218	1,524,064	1,575,530	1,880,529	1,857,399					
6/30/2016	506,155	459,824	537,556	467,524	467,527						
6/30/2017	334,309	443,890	452,787	454,207							
6/30/2018	596,753	683,079	717,511								
6/30/2019	582,258	640,521									
6/30/2020	514,282										
A.Y.E.	147 Months	159 Months	171 Months	183 Months	195 Months	207 Months	219 Months	231 Months	243 Months		
6/30/2001	559,649	559,649	559,649	559,649	556,849	556,849	556,849	556,849	556,849		
6/30/2002	166,044	166,044	166,044	159,923	159,923	159,923	159,923	159,923			
6/30/2003	374,645	374,645	374,895	374,895	374,895	374,895	374,895				
6/30/2004	343,148	343,148	343,148	343,148	343,148	343,148					
6/30/2005	289,382	289,382	289,382	289,382	289,382						
6/30/2006	387,643	387,643	387,643	387,643							
6/30/2007	400,787	400,787	400,787								
6/30/2008	487,794	457,794									
6/30/2009	298,632										

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

OREGON
 PROPERTY DAMAGE - OCCURRENCE

INCURRED ACCIDENT YEAR BASIC LIMITS LOSS DEVELOPMENT EXCLUDING ALAE
 Link Ratios

<u>A.Y.E.</u>	<u>27: 15</u>	<u>39: 27</u>	<u>51: 39</u>	<u>63: 51</u>	<u>75: 63</u>	<u>87: 75</u>	<u>99: 87</u>	<u>111: 99</u>	<u>123:111</u>	<u>135:123</u>	<u>147:135</u>
6/30/2001	1.238	1.483	0.930	1.185	0.922	0.921	1.000	1.000	1.000	1.047	1.000
6/30/2002	0.725	0.856	2.402	0.798	0.673	1.030	0.971	1.000	1.000	1.000	1.000
6/30/2003	0.758	1.299	0.857	0.990	1.070	1.232	1.000	1.000	1.000	1.000	1.000
6/30/2004	1.023	1.423	1.000	1.003	1.014	1.000	1.000	1.000	1.000	1.000	1.000
6/30/2005	0.976	1.045	1.015	1.017	0.983	1.000	1.000	1.000	1.000	1.000	1.000
6/30/2006	0.716	1.627	1.041	1.000	1.442	1.109	0.940	0.835	0.975	1.000	1.000
6/30/2007	0.764	0.677	1.088	1.244	1.002	0.987	1.000	1.067	1.000	1.000	1.000
6/30/2008	1.257	1.200	1.108	1.019	1.098	1.000	1.000	1.000	1.000	1.066	1.000
6/30/2009	0.899	1.009	0.864	0.964	1.000	1.000	1.000	1.000	1.000	1.000	1.000
6/30/2010	1.004	1.205	1.012	1.008	0.958	1.055	0.975	1.050	0.939	1.000	1.000
6/30/2011	1.124	1.001	0.901	1.000	1.017	0.988	1.000	1.025	0.983		
6/30/2012	0.912	1.099	0.939	0.997	1.000	1.000	1.002	1.041			
6/30/2013	0.925	0.933	0.991	1.019	1.126	1.076	1.236				
6/30/2014	1.082	1.179	0.941	0.949	1.088	1.068					
6/30/2015	1.031	1.036	1.034	1.194	0.988						
6/30/2016	0.908	1.169	0.870	1.000							
6/30/2017	1.328	1.020	1.003								
6/30/2018	1.145	1.050									
6/30/2019	1.100										
3 Yr Mean	1.191	1.080	0.969	1.048	1.067	1.048	1.079	1.039	0.974	1.022	1.000
Best 3/5	1.092	1.085	0.978	1.005	1.035	1.041	1.001	1.022	0.994	1.000	1.000

<u>A.Y.E.</u>	<u>159:147</u>	<u>171:159</u>	<u>183:171</u>	<u>195:183</u>	<u>207:195</u>	<u>219:207</u>	<u>231:219</u>	<u>243:231</u>
6/30/2001	1.000	1.000	1.000	0.995	1.000	1.000	1.000	1.000
6/30/2002	1.000	1.000	0.963	1.000	1.000	1.000	1.000	1.000 *
6/30/2003	1.000	1.001	1.000	1.000	1.000	1.000	1.000 *	1.000 *
6/30/2004	1.000	1.000	1.000	1.000	1.000	1.000 *	1.000 *	1.000 *
6/30/2005	1.000	1.000	1.000	1.000	1.000 *	1.000 *	1.000 *	1.000 *
6/30/2006	1.000	1.000	1.000					
6/30/2007	1.000	1.000						
6/30/2008	0.938							
3 Yr Mean	0.979	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 *

<u>A.Y.E.</u>	<u>15/ 27</u>	<u>27/ 39</u>	Development From				<u>87/ 99</u>	<u>99/111</u>	<u>111/123</u>	<u>123/135</u>	<u>135/147</u>
			<u>39/ 51</u>	<u>51/ 63</u>	<u>63/ 75</u>	<u>75/ 87</u>					
6/30/2016					1.035	1.041	1.001	1.022	0.994	1.000	1.000
6/30/2017				1.005	1.035	1.041	1.001	1.022	0.994	1.000	1.000
6/30/2018			0.978	1.005	1.035	1.041	1.001	1.022	0.994	1.000	1.000
6/30/2019		1.085	0.978	1.005	1.035	1.041	1.001	1.022	0.994	1.000	1.000
6/30/2020	1.092	1.085	0.978	1.005	1.035	1.041	1.001	1.022	0.994	1.000	1.000

<u>A.Y.E.</u>	<u>147/159</u>	<u>159/171</u>	<u>171/183</u>	<u>183/195</u>	<u>195/207</u>	<u>207/219</u>	<u>219/231</u>	<u>231/243</u>	<u>243/Ult</u>	<u>FACTORS</u>
6/30/2016	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000*	1.096
6/30/2017	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000*	1.101
6/30/2018	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000*	1.077
6/30/2019	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000*	1.168
6/30/2020	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000*	1.276

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

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

A.Y.E.	<u>15 Months</u>	<u>27 Months</u>	<u>39 Months</u>	<u>51 Months</u>	<u>63 Months</u>	<u>75 Months</u>	<u>87 Months</u>	<u>99 Months</u>	<u>111 Months</u>	<u>123 Months</u>	<u>135 Months</u>
6/30/2001	15,930	7,730	150,170	33,856	133,857	33,856	46,374	46,374	46,374	46,918	63,035
6/30/2002	3,003	5,059	5,059	53,002	70,215	48,792	48,792	49,454	49,998	49,998	49,998
6/30/2003	24,369	40,354	62,142	97,344	97,344	101,267	198,620	199,453	199,453	199,453	199,453
6/30/2004	25,258	17,922	234,264	232,620	286,563	298,963	298,963	298,963	298,963	298,963	298,963
6/30/2005	29,807	34,463	41,023	40,407	41,125	41,335	41,335	41,335	41,335	41,335	41,335
6/30/2006	17,270	38,060	390,636	449,594	458,119	771,709	1,563,829	1,636,938	446,939	436,939	436,939
6/30/2007	46,307	135,494	231,675	262,723	295,814	316,955	316,551	310,978	314,796	314,915	314,915
6/30/2008	14,499	42,826	80,430	120,057	217,835	222,500	213,253	213,253	211,905	212,485	213,488
6/30/2009	17,925	26,337	64,427	105,303	101,917	101,917	101,917	101,917	101,917	101,917	101,917
6/30/2010	24,234	68,248	90,549	98,204	98,227	100,025	133,524	119,779	113,968	113,968	113,968
6/30/2011	118,866	188,031	219,704	198,900	198,900	220,400	205,384	205,384	229,454	219,454	
6/30/2012	88,843	179,570	209,988	208,670	210,443	210,443	215,052	221,005	271,006		
6/30/2013	29,807	33,809	39,090	39,698	39,698	93,282	243,858	235,698			
6/30/2014	45,419	62,971	121,046	138,045	132,431	211,451	183,584				
6/30/2015	191,279	277,770	325,752	508,912	590,019	601,068					
6/30/2016	53,942	103,224	191,571	226,863	226,948						
6/30/2017	25,422	78,029	103,006	113,851							
6/30/2018	51,796	264,984	320,326								
6/30/2019	44,875	63,047									
6/30/2020	145,613										

A.Y.E.	<u>147 Months</u>	<u>159 Months</u>	<u>171 Months</u>	<u>183 Months</u>	<u>195 Months</u>	<u>207 Months</u>	<u>219 Months</u>	<u>231 Months</u>	<u>243 Months</u>
6/30/2001	70,218	70,218	70,218	70,218	70,218	70,218	70,218	70,218	70,218
6/30/2002	49,998	49,998	49,998	49,998	49,998	49,998	49,998	49,998	
6/30/2003	199,453	199,453	199,453	199,453	199,453	199,453	199,453		
6/30/2004	298,963	298,963	298,963	298,963	298,963	298,963			
6/30/2005	41,335	41,335	41,335	41,335	41,335				
6/30/2006	436,939	436,939	436,939	436,939					
6/30/2007	314,915	314,915	314,915						
6/30/2008	215,319	215,319							
6/30/2009	101,917								

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

A.Y.E.	Increments												
	<u>27: 15</u>	<u>39: 27</u>	<u>51: 39</u>	<u>63: 51</u>	<u>75: 63</u>	<u>87: 75</u>	<u>99: 87</u>	<u>111: 99</u>	<u>123: 111</u>	<u>135: 123</u>	<u>147: 135</u>	<u>159:147</u>	<u>171:159</u>
6/30/2001	-8,200	142,440	-116,314	100,001	-100,001	12,518	0	0	544	16,117	7,183	0	0
6/30/2002	2,056	0	47,943	17,213	-21,423	0	662	544	0	0	0	0	0
6/30/2003	15,985	21,788	35,202	0	3,923	97,353	833	0	0	0	0	0	0
6/30/2004	-7,336	216,342	-1,644	53,943	12,400	0	0	0	0	0	0	0	0
6/30/2005	4,656	6,560	-616	718	210	0	0	0	0	0	0	0	0
6/30/2006	20,790	352,576	58,958	8,525	313,590	792,120	73,109	-1,189,999	-10,000	0	0	0	0
6/30/2007	89,187	96,181	31,048	33,091	21,141	-404	-5,573	3,818	119	0	0	0	0
6/30/2008	28,327	37,604	39,627	97,778	4,665	-9,247	0	-1,348	580	1,003	1,831	0	0
6/30/2009	8,412	38,090	40,876	-3,386	0	0	0	0	0	0	0	0	0
6/30/2010	44,014	22,301	7,655	23	1,798	33,499	-13,745	-5,811	0	0	0	0	0
6/30/2011	69,165	31,673	-20,804	0	21,500	-15,016	0	24,070	-10,000	0	0	0	0
6/30/2012	90,727	30,418	-1,318	1,773	0	0	5,953	50,001	0	0	0	0	0
6/30/2013	4,002	5,281	608	0	53,584	150,576	-8,160	0	0	0	0	0	0
6/30/2014	17,552	58,075	16,999	-5,614	79,020	-27,867	0	0	0	0	0	0	0
6/30/2015	86,491	47,982	183,160	81,107	11,049	0	0	0	0	0	0	0	0
6/30/2016	49,282	88,347	35,292	85	0	0	0	0	0	0	0	0	0
6/30/2017	52,607	24,977	10,845	0	0	0	0	0	0	0	0	0	0
6/30/2018	213,188	55,342	0	0	0	0	0	0	0	0	0	0	0
6/30/2019	18,172	0	0	0	0	0	0	0	0	0	0	0	0

A.Y.E.	Incremental Percentages												
	<u>27: 15</u>	<u>39: 27</u>	<u>51: 39</u>	<u>63: 51</u>	<u>75: 63</u>	<u>87: 75</u>	<u>99: 87</u>	<u>111: 99</u>	<u>123: 111</u>	<u>135: 123</u>	<u>147: 135</u>	<u>159:147</u>	<u>171:159</u>
6/30/2001	-0.0060	0.1050	-0.0857	0.0737	-0.0737	0.0092	0.0000	0.0000	0.0004	0.0119	0.0053	0.0000	0.0000
6/30/2002	0.0129	0.0000	0.2998	0.1076	-0.1340	0.0000	0.0041	0.0034	0.0000	0.0000	0.0000	0.0000	0.0000
6/30/2003	0.0426	0.0581	0.0938	0.0000	0.0105	0.2594	0.0022	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
6/30/2004	-0.0165	0.4872	-0.0037	0.1215	0.0279	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
6/30/2005	0.0160	0.0226	-0.0021	0.0025	0.0007	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
6/30/2006	0.0262	0.4445	0.0743	0.0107	0.3954	0.9987	0.0922	-1.5003	-0.0126	0.0000	0.0000	0.0000	0.0000
6/30/2007	0.1961	0.2115	0.0683	0.0728	0.0465	-0.0009	-0.0123	0.0084	0.0003	0.0000	0.0000	0.0000	0.0000
6/30/2008	0.0570	0.0756	0.0797	0.1966	0.0094	-0.0186	0.0000	-0.0027	0.0012	0.0020	0.0037	0.0000	0.0000
6/30/2009	0.0279	0.1264	0.1357	-0.0112	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
6/30/2010	0.0420	0.0213	0.0073	0.0000	0.0017	0.0320	-0.0131	-0.0056	0.0000	0.0000	0.0000	0.0000	0.0000
6/30/2011	0.1068	0.0489	-0.0321	0.0000	0.0332	-0.0232	0.0000	0.0372	-0.0154	0.0000	0.0000	0.0000	0.0000
6/30/2012	0.0431	0.0144	-0.0006	0.0008	0.0000	0.0022	0.0028	0.0237	0.0000	0.0000	0.0000	0.0000	0.0000
6/30/2013	0.0038	0.0050	0.0006	0.0000	0.0505	0.1420	-0.0077	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
6/30/2014	0.0171	0.0564	0.0165	-0.0055	0.0768	-0.0271	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
6/30/2015	0.0241	0.0134	0.0511	0.0226	0.0031	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
6/30/2016	0.0522	0.0936	0.0374	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
6/30/2017	0.1053	0.0500	0.0217	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
6/30/2018	0.1635	0.0425	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
6/30/2019	0.0223	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	0.0606	0.0496	0.0252	0.0003	0.0289	0.0037	-0.0026	0.0070	0.0001	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:

A.Y.E.	15 Months	27 Months	39 Months	51 Months	63 Months	75 Months	87 Months	99 Months	111 Months	123 Months	135 Months
6/30/2001	52,344,133	111,097,429	151,724,340	167,663,816	172,369,692	168,196,056	165,227,135	164,189,834	163,655,337	163,712,335	163,406,210
6/30/2002	51,569,152	89,509,348	118,248,359	133,612,571	133,370,123	130,163,634	128,405,180	127,465,004	127,550,917	127,330,791	127,648,267
6/30/2003	54,635,934	88,370,852	120,586,150	132,110,806	130,061,785	126,785,305	125,950,659	125,046,392	124,522,415	124,348,669	123,938,423
6/30/2004	59,194,900	93,722,302	125,227,308	131,860,887	128,604,124	126,935,684	124,777,494	123,953,517	123,389,789	123,439,479	123,468,656
6/30/2005	54,137,083	88,350,594	114,941,753	121,982,430	119,108,689	115,905,827	114,469,099	114,054,751	113,754,197	113,918,101	113,969,165
6/30/2006	60,872,150	92,942,452	115,964,456	121,172,645	119,515,617	118,593,234	119,345,808	119,387,471	118,549,976	118,150,631	117,620,674
6/30/2007	59,873,170	89,860,573	114,064,705	119,817,901	119,508,906	119,019,052	117,805,441	117,821,409	117,774,979	117,476,627	117,648,445
6/30/2008	64,293,613	96,279,462	124,535,613	131,430,845	130,583,567	129,541,939	129,597,048	128,910,518	128,428,548	128,348,985	128,509,070
6/30/2009	62,882,183	100,570,980	123,105,532	133,945,772	133,439,744	132,465,469	131,905,027	131,317,617	130,759,390	130,565,854	130,894,978
6/30/2010	68,406,839	97,772,167	126,002,316	132,912,858	133,872,091	132,254,817	131,938,053	132,147,683	132,333,722	132,153,472	132,231,419
6/30/2011	67,886,003	107,886,333	134,658,727	146,343,494	145,281,659	143,190,727	143,034,329	142,849,481	142,748,552	142,105,594	
6/30/2012	63,975,883	95,301,311	121,469,903	128,522,864	127,857,208	127,687,642	128,416,762	128,232,155	128,430,712		
6/30/2013	54,450,916	90,779,062	110,096,943	117,438,428	120,863,338	121,304,835	121,112,305	121,122,417			
6/30/2014	66,853,838	100,005,044	131,940,156	144,990,998	145,570,207	145,122,271	144,267,959				
6/30/2015	56,707,689	90,045,510	122,230,008	132,269,506	133,922,422	133,993,955					
6/30/2016	49,340,737	82,951,241	113,237,998	124,512,790	125,884,950						
6/30/2017	55,812,678	87,945,295	118,122,776	126,358,141							
6/30/2018	59,094,749	97,970,257	125,002,609								
6/30/2019	59,527,914	96,752,907									
6/30/2020	53,652,825										

A.Y.E.	147 Months	159 Months	171 Months	183 Months	195 Months	207 Months	219 Months	231 Months	243 Months
6/30/2001	163,544,487	163,581,910	163,738,237	163,660,657	163,390,860	163,513,752	163,245,336	163,253,836	163,232,836
6/30/2002	127,154,605	127,209,369	127,071,668	127,033,973	127,050,364	127,040,930	127,213,486	127,328,291	
6/30/2003	124,254,873	124,058,254	123,782,642	123,752,941	123,747,933	123,951,432	124,026,999		
6/30/2004	123,664,487	123,644,929	123,726,793	123,722,007	123,910,118	123,959,758			
6/30/2005	114,113,163	114,098,361	114,093,070	114,096,566	114,103,800				
6/30/2006	117,711,170	118,215,559	118,175,450	118,326,160					
6/30/2007	117,533,800	117,694,637	117,835,372						
6/30/2008	128,625,257	128,815,733							
6/30/2009	130,770,628								

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

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
6/30/2001	2.122	1.366	1.105	1.028	0.976	0.982	0.994	0.997	1.000	0.998	1.001
6/30/2002	1.736	1.321	1.130	0.998	0.976	0.986	0.993	1.001	0.998	1.002	0.996
6/30/2003	1.617	1.365	1.096	0.984	0.975	0.993	0.993	0.996	0.999	0.997	1.003
6/30/2004	1.583	1.336	1.053	0.975	0.987	0.983	0.993	0.995	1.000	1.000	1.002
6/30/2005	1.632	1.301	1.061	0.976	0.973	0.988	0.996	0.997	1.001	1.000	1.001
6/30/2006	1.527	1.248	1.045	0.986	0.992	1.006	1.000	0.993	0.997	0.996	1.001
6/30/2007	1.501	1.269	1.050	0.997	0.996	0.990	1.000	1.000	0.997	1.001	0.999
6/30/2008	1.497	1.293	1.055	0.994	0.992	1.000	0.995	0.996	0.999	1.001	1.001
6/30/2009	1.599	1.224	1.088	0.996	0.993	0.996	0.996	0.996	0.999	1.003	0.999
6/30/2010	1.429	1.289	1.055	1.007	0.988	0.998	1.002	1.001	0.999	1.001	
6/30/2011	1.589	1.248	1.087	0.993	0.986	0.999	0.999	0.999	0.995		
6/30/2012	1.490	1.275	1.058	0.995	0.999	1.006	0.999	1.002			
6/30/2013	1.667	1.213	1.067	1.029	1.004	0.998	1.000				
6/30/2014	1.496	1.319	1.099	1.004	0.997	0.994					
6/30/2015	1.588	1.357	1.082	1.012	1.001						
6/30/2016	1.681	1.365	1.100	1.011							
6/30/2017	1.576	1.343	1.070								
6/30/2018	1.658	1.276									
6/30/2019	1.625										
3 Yr Mean	1.620	1.328	1.084	1.009	1.001	0.999	0.999	1.001	0.998	1.002	1.000
Best 3/5	1.624	1.340	1.084	1.009	0.999	0.998	0.999	0.999	0.998	1.001	1.000

A.Y.E.	159:147	171:159	183:171	195:183	207:195	219:207	231:219	243:231			
6/30/2001	1.000	1.001	1.000	0.998	1.001	0.998	1.000	1.000			
6/30/2002	1.000	0.999	1.000	1.000	1.000	1.001	1.001	1.000 *			
6/30/2003	0.998	0.998	1.000	1.000	1.002	1.001	1.000 *	1.000 *			
6/30/2004	1.000	1.001	1.000	1.002	1.000	1.000 *	1.000 *	1.000 *			
6/30/2005	1.000	1.000	1.000	1.000	1.000 *	1.000 *	1.000 *	1.000 *			
6/30/2006	1.004	1.000	1.001								
6/30/2007	1.001	1.001									
6/30/2008	1.001										
3 Yr Mean	1.002	1.000	1.000	1.001	1.001 @	1.000 @	1.001 @	1.000 @			
Best 3/5	1.001	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
6/30/2016					0.999	0.998	0.999	0.999	0.998	1.001	1.000
6/30/2017				1.009	0.999	0.998	0.999	0.999	0.998	1.001	1.000
6/30/2018			1.084	1.009	0.999	0.998	0.999	0.999	0.998	1.001	1.000
6/30/2019		1.340	1.084	1.009	0.999	0.998	0.999	0.999	0.998	1.001	1.000
6/30/2020	1.624	1.340	1.084	1.009	0.999	0.998	0.999	0.999	0.998	1.001	1.000

A.Y.E.	147/159	159/171	171/183	183/195	195/207	207/219	219/231	231/243	243/Ult	FACTORS
6/30/2016	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000*	0.995
6/30/2017	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000*	1.004
6/30/2018	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000*	1.088
6/30/2019	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000*	1.458
6/30/2020	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000*	2.368

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

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

\$100,000 Basic Limit Losses as of:

A.Y.E.	15 Months	27 Months	39 Months	51 Months	63 Months	75 Months	87 Months	99 Months	111 Months	123 Months	135 Months
6/30/2001	5,347,825	11,513,035	15,832,045	14,311,826	14,351,648	15,914,260	15,828,234	15,330,607	14,939,074	15,104,206	15,098,358
6/30/2002	5,332,606	10,437,857	13,713,765	15,403,121	15,148,784	15,606,065	14,828,284	15,124,254	14,876,383	15,062,992	14,958,581
6/30/2003	7,648,961	10,441,160	13,917,045	16,381,854	17,050,453	16,016,658	15,820,030	15,477,369	15,466,254	15,181,403	15,639,167
6/30/2004	6,797,598	11,837,370	15,468,313	18,082,307	16,756,774	16,982,864	15,776,735	15,839,612	15,477,275	15,646,313	15,502,313
6/30/2005	7,183,665	12,665,143	15,853,994	15,969,006	16,608,297	16,065,153	15,707,151	15,471,875	15,187,566	14,933,805	14,988,913
6/30/2006	9,321,841	13,883,299	18,547,968	20,126,620	18,918,103	18,691,172	18,774,614	18,632,129	18,622,582	18,437,176	18,682,104
6/30/2007	9,386,914	14,045,412	16,975,434	19,325,173	18,774,466	18,821,326	18,466,842	18,767,660	18,873,961	18,983,886	18,972,451
6/30/2008	11,143,249	14,837,373	18,604,481	20,392,774	20,682,019	19,626,043	20,171,827	19,987,164	20,060,751	20,086,087	19,989,514
6/30/2009	7,033,925	13,637,446	16,093,327	16,658,141	17,714,738	17,511,810	17,635,732	17,396,052	17,636,113	17,768,717	17,934,442
6/30/2010	10,375,187	13,992,415	16,840,965	18,436,678	19,138,628	19,546,079	19,277,081	18,945,441	18,971,368	18,844,368	18,737,816
6/30/2011	10,602,956	15,341,815	18,745,795	20,095,191	19,950,685	20,044,240	20,061,072	19,837,221	19,891,108	19,864,009	
6/30/2012	8,304,174	14,767,545	19,312,211	20,542,491	20,724,740	20,683,692	20,886,665	20,818,381	20,968,050		
6/30/2013	8,566,147	14,860,825	16,614,349	18,477,955	18,713,028	18,746,091	18,556,717	18,557,879			
6/30/2014	10,806,071	16,783,135	20,564,086	23,608,678	24,449,852	24,800,365	24,650,404				
6/30/2015	8,823,508	15,539,495	21,477,929	25,007,705	25,326,001	25,689,202					
6/30/2016	8,766,347	14,119,671	20,615,079	22,827,266	23,094,219						
6/30/2017	9,849,595	15,335,209	20,942,150	23,955,509							
6/30/2018	11,811,531	19,404,182	26,418,231								
6/30/2019	9,053,561	16,175,779									
6/30/2020	7,179,279										
A.Y.E.	147 Months	159 Months	171 Months	183 Months	195 Months	207 Months	219 Months	231 Months	243 Months		
6/30/2001	14,995,218	15,215,601	15,238,505	15,199,305	15,196,804	15,199,804	15,202,305	15,299,305	15,320,305		
6/30/2002	15,540,244	15,586,743	15,589,243	15,581,142	15,653,142	15,653,142	15,650,142	15,750,142			
6/30/2003	15,821,667	15,716,304	15,717,804	15,716,304	15,716,304	15,716,304	15,710,105				
6/30/2004	15,493,895	15,562,395	15,487,395	15,523,895	15,523,895	15,523,895					
6/30/2005	14,954,336	14,928,703	15,006,203	15,006,203	15,006,203						
6/30/2006	18,747,106	18,687,804	18,687,805	18,693,555							
6/30/2007	19,239,466	19,235,415	19,234,066								
6/30/2008	19,899,014	19,897,764									
6/30/2009	17,814,708										

PREMISES/OPERATIONS (Subline Code 334)
 MANUFACTURERS AND CONTRACTORS
 DEDUCTIBLE
 MULTISTATE

BODILY INJURY - OCCURRENCE

INCURRED ACCIDENT YEAR BASIC LIMITS LOSS DEVELOPMENT EXCLUDING ALAE

Link Ratios

A.Y.E.	27: 15	39: 27	51: 39	63: 51	75: 63	87: 75	99: 87	111: 99	123:111	135:123	147:135
6/30/2001	2.153	1.375	0.904	1.003	1.109	0.995	0.969	0.974	1.011	1.000	0.993
6/30/2002	1.957	1.314	1.123	0.983	1.030	0.950	1.020	0.984	1.013	0.993	1.039
6/30/2003	1.365	1.333	1.177	1.041	0.939	0.988	0.978	0.999	0.982	1.030	1.012
6/30/2004	1.741	1.307	1.169	0.927	1.013	0.929	1.004	0.977	1.011	0.991	0.999
6/30/2005	1.763	1.252	1.007	1.040	0.967	0.978	0.985	0.982	0.983	1.004	0.998
6/30/2006	1.489	1.336	1.085	0.940	0.988	1.004	0.992	0.999	0.990	1.013	1.003
6/30/2007	1.496	1.209	1.138	0.972	1.002	0.981	1.016	1.006	1.006	0.999	1.014
6/30/2008	1.332	1.254	1.096	1.014	0.949	1.028	0.991	1.004	1.001	0.995	0.995
6/30/2009	1.939	1.180	1.035	1.063	0.989	1.007	0.986	1.014	1.008	1.009	0.993
6/30/2010	1.349	1.204	1.095	1.038	1.021	0.986	0.983	1.001	0.993	0.994	
6/30/2011	1.447	1.222	1.072	0.993	1.005	1.001	0.989	1.003	0.999		
6/30/2012	1.778	1.308	1.064	1.009	0.998	1.010	0.997	1.007			
6/30/2013	1.735	1.118	1.112	1.013	1.002	0.990	1.000				
6/30/2014	1.553	1.225	1.148	1.036	1.014	0.994					
6/30/2015	1.761	1.382	1.164	1.013	1.014						
6/30/2016	1.611	1.460	1.107	1.012							
6/30/2017	1.557	1.366	1.144								
6/30/2018	1.643	1.361									
6/30/2019	1.787										
3 Yr Mean	1.662	1.396	1.138	1.020	1.010	0.998	0.995	1.004	1.000	0.999	1.001
Best 3/5	1.672	1.370	1.135	1.013	1.007	0.995	0.991	1.005	1.002	1.001	0.999

A.Y.E.	159:147	171:159	183:171	195:183	207:195	219:207	231:219	243:231
6/30/2001	1.015	1.002	0.997	1.000	1.000	1.000	1.006	1.001
6/30/2002	1.003	1.000	0.999	1.005	1.000	1.000	1.006	1.002 *
6/30/2003	0.993	1.000	1.000	1.000	1.000	1.000	1.000 *	1.002 *
6/30/2004	1.004	0.995	1.002	1.000	1.000	1.000 *	1.000 *	1.002 *
6/30/2005	0.998	1.005	1.000	1.000	1.000 *	1.000 *	1.000 *	1.002 *
6/30/2006	0.997	1.000	1.000					
6/30/2007	1.000	1.000						
6/30/2008	1.000							
3 Yr Mean	0.999	1.002	1.001	1.000	1.000 @	1.000 @	1.006 @	1.001 @
Best 3/5	0.999	1.000	1.000	1.000	1.000 *	1.000 *	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
6/30/2016					1.007	0.995	0.991	1.005	1.002	1.001	0.999
6/30/2017				1.013	1.007	0.995	0.991	1.005	1.002	1.001	0.999
6/30/2018			1.135	1.013	1.007	0.995	0.991	1.005	1.002	1.001	0.999
6/30/2019		1.370	1.135	1.013	1.007	0.995	0.991	1.005	1.002	1.001	0.999
6/30/2020	1.672	1.370	1.135	1.013	1.007	0.995	0.991	1.005	1.002	1.001	0.999

A.Y.E.	147/159	159/171	171/183	183/195	195/207	207/219	219/231	231/243	243/Ult	FACTORS
6/30/2016	0.999	1.000	1.000	1.000	1.000	1.000	1.002	1.002	1.008*	1.011
6/30/2017	0.999	1.000	1.000	1.000	1.000	1.000	1.002	1.002	1.008*	1.024
6/30/2018	0.999	1.000	1.000	1.000	1.000	1.000	1.002	1.002	1.008*	1.162
6/30/2019	0.999	1.000	1.000	1.000	1.000	1.000	1.002	1.002	1.008*	1.592
6/30/2020	0.999	1.000	1.000	1.000	1.000	1.000	1.002	1.002	1.008*	2.662

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

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

A.Y.E.	<u>15 Months</u>	<u>27 Months</u>	<u>39 Months</u>	<u>51 Months</u>	<u>63 Months</u>	<u>75 Months</u>	<u>87 Months</u>	<u>99 Months</u>	<u>111 Months</u>	<u>123 Months</u>	<u>135 Months</u>
6/30/2001	9,052,470	25,840,007	52,122,404	75,751,646	91,271,072	97,452,355	100,464,507	102,597,728	103,954,818	104,738,556	106,526,162
6/30/2002	10,320,061	25,146,694	47,402,345	69,037,558	79,182,973	83,300,797	89,544,790	90,813,847	91,152,971	92,258,418	92,236,116
6/30/2003	10,176,086	25,928,191	45,876,335	64,535,771	72,884,738	79,003,356	81,042,262	82,695,077	83,713,266	84,320,098	84,400,777
6/30/2004	8,886,397	21,732,223	43,151,133	60,181,956	68,768,286	76,073,510	77,997,153	79,527,530	79,917,836	80,464,911	80,740,861
6/30/2005	8,558,390	22,049,610	39,688,332	56,191,880	65,808,746	69,105,899	70,834,465	71,933,545	73,614,239	73,852,716	74,111,925
6/30/2006	6,935,884	21,969,003	43,332,687	59,087,945	70,102,077	75,443,570	80,869,742	83,446,727	84,276,233	86,145,467	86,319,287
6/30/2007	8,226,896	23,480,162	45,131,108	61,600,471	69,717,144	74,262,989	76,198,076	77,439,616	77,928,417	78,433,151	78,469,567
6/30/2008	8,716,691	23,462,202	49,763,685	69,403,095	82,123,148	87,804,024	92,373,513	93,782,947	94,728,393	95,383,584	95,783,355
6/30/2009	9,511,756	24,280,581	46,635,525	65,955,124	77,049,818	86,819,186	89,235,151	90,468,837	90,972,089	91,541,578	92,593,409
6/30/2010	11,628,720	28,718,550	56,967,732	81,439,791	93,492,900	99,176,172	101,287,074	103,386,367	104,005,503	104,276,724	104,792,135
6/30/2011	12,015,992	36,019,223	58,853,001	82,088,656	94,219,913	106,557,999	108,010,108	109,502,933	110,616,227	110,563,212	
6/30/2012	12,436,404	29,678,526	56,920,929	78,902,152	92,848,654	97,682,203	102,951,887	104,219,263	105,193,244		
6/30/2013	10,150,013	27,611,432	51,680,033	73,880,583	85,389,927	91,751,927	94,356,694	95,144,131			
6/30/2014	12,533,795	30,119,641	60,033,839	85,127,328	96,179,150	103,623,963	106,666,793				
6/30/2015	13,011,122	28,357,851	56,072,742	76,080,752	85,934,837	91,957,387					
6/30/2016	10,394,892	27,473,041	52,350,938	75,661,787	89,948,564						
6/30/2017	11,683,604	29,495,229	55,764,582	73,107,985							
6/30/2018	11,660,630	31,067,104	58,864,508								
6/30/2019	11,816,011	32,377,124									
6/30/2020	11,616,947										

A.Y.E.	<u>147 Months</u>	<u>159 Months</u>	<u>171 Months</u>	<u>183 Months</u>	<u>195 Months</u>	<u>207 Months</u>	<u>219 Months</u>	<u>231 Months</u>	<u>243 Months</u>
6/30/2001	107,547,508	107,622,986	108,486,421	109,189,664	109,481,391	110,239,572	111,087,242	111,288,825	111,366,106
6/30/2002	92,426,361	92,949,245	93,179,847	93,262,610	93,336,745	93,470,995	93,682,377	93,694,637	
6/30/2003	84,673,259	85,178,255	85,278,599	85,498,068	85,524,525	85,580,484	85,645,943		
6/30/2004	80,754,413	80,752,318	80,796,213	80,531,440	80,532,915	80,531,998			
6/30/2005	74,245,279	74,811,099	74,933,453	75,255,311	75,454,238				
6/30/2006	87,005,123	87,334,926	88,280,613	88,404,780					
6/30/2007	78,636,452	78,637,350	78,792,724						
6/30/2008	95,763,835	96,447,542							
6/30/2009	91,992,804								

PREMISES/OPERATIONS (Subline Code 334)
 MANUFACTURERS AND CONTRACTORS
 FULL COVERAGE
 MULTISTATE
 BODILY INJURY - OCCURRENCE
 INCURRED ACCIDENT YEAR INCREMENTAL 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
6/30/2001	16,787,537	26,282,397	23,629,242	15,519,426	6,181,283	3,012,152	2,133,221	1,357,090	783,738	1,787,606	1,021,346	75,478	863,435
6/30/2002	14,826,633	22,255,651	21,635,213	10,145,415	4,117,824	6,243,993	1,269,057	339,124	1,105,447	-22,302	190,245	522,884	230,602
6/30/2003	15,752,105	19,948,144	18,659,436	8,348,967	6,118,618	2,038,906	1,652,815	1,018,189	606,832	80,679	272,482	504,996	100,344
6/30/2004	12,845,826	21,418,910	17,030,823	8,586,330	7,305,224	1,923,643	1,530,377	390,306	547,075	275,950	13,552	-2,095	43,895
6/30/2005	13,491,220	17,638,722	16,503,548	9,616,866	3,297,153	1,728,566	1,099,080	1,680,694	238,477	259,209	133,354	565,820	122,354
6/30/2006	15,033,119	21,363,684	15,755,258	11,014,132	5,341,493	5,426,172	2,576,985	829,506	1,869,234	173,820	685,836	329,803	945,687
6/30/2007	15,253,266	21,650,946	16,469,363	8,116,673	4,545,845	1,935,087	1,241,540	488,801	504,734	36,416	166,885	898	155,374
6/30/2008	14,745,511	26,301,483	19,639,410	12,720,053	5,680,876	4,569,489	1,409,434	945,446	655,191	399,771	-19,520	683,707	
6/30/2009	14,768,825	22,354,944	19,319,599	11,094,694	9,769,368	2,415,965	1,233,686	503,252	569,489	1,051,831	-600,605		
6/30/2010	17,089,830	28,249,182	24,472,059	12,053,109	5,683,272	2,110,902	2,099,293	619,136	271,221	515,411			
6/30/2011	24,003,231	22,833,778	23,235,655	12,131,257	12,338,086	1,452,109	1,492,825	1,113,294	-53,015				
6/30/2012	17,242,122	27,242,403	21,981,223	13,946,502	4,833,549	5,269,684	1,267,376	973,981					
6/30/2013	17,461,419	24,068,601	22,200,550	11,509,344	6,362,000	2,604,767	787,437						
6/30/2014	17,585,846	29,914,198	25,093,489	11,051,822	7,444,813	3,042,830							
6/30/2015	15,346,729	27,714,891	20,008,010	9,854,085	6,022,550								
6/30/2016	17,078,149	24,877,897	23,310,849	14,286,777									
6/30/2017	17,811,625	26,269,353	17,343,403										
6/30/2018	19,406,474	27,797,404											
6/30/2019	20,561,113												

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
6/30/2001	0.0568	0.0888	0.0799	0.0525	0.0209	0.0102	0.0072	0.0046	0.0026	0.0060	0.0035	0.0003	0.0029
6/30/2002	0.0633	0.0950	0.0924	0.0433	0.0176	0.0267	0.0054	0.0014	0.0047	-0.0001	0.0008	0.0022	0.0010
6/30/2003	0.0679	0.0860	0.0805	0.0360	0.0264	0.0088	0.0071	0.0044	0.0026	0.0003	0.0012	0.0022	0.0004
6/30/2004	0.0551	0.0919	0.0731	0.0368	0.0313	0.0083	0.0066	0.0017	0.0023	0.0012	0.0001	0.0000	0.0002
6/30/2005	0.0646	0.0844	0.0790	0.0460	0.0158	0.0083	0.0053	0.0080	0.0011	0.0012	0.0006	0.0027	0.0006
6/30/2006	0.0668	0.0950	0.0701	0.0490	0.0238	0.0241	0.0115	0.0037	0.0083	0.0008	0.0030	0.0015	0.0042
6/30/2007	0.0664	0.0942	0.0716	0.0353	0.0198	0.0084	0.0054	0.0021	0.0022	0.0002	0.0007	0.0000	0.0007
6/30/2008	0.0574	0.1025	0.0765	0.0496	0.0221	0.0178	0.0055	0.0037	0.0026	0.0016	-0.0001	0.0027	
6/30/2009	0.0582	0.0880	0.0761	0.0437	0.0385	0.0095	0.0049	0.0020	0.0022	0.0041	-0.0024		
6/30/2010	0.0705	0.1165	0.1010	0.0497	0.0234	0.0087	0.0087	0.0026	0.0011	0.0021			
6/30/2011	0.0865	0.0823	0.0837	0.0437	0.0445	0.0052	0.0054	0.0040	-0.0002				
6/30/2012	0.0675	0.1067	0.0861	0.0546	0.0189	0.0206	0.0050	0.0038					
6/30/2013	0.0708	0.0976	0.0900	0.0467	0.0258	0.0106	0.0032						
6/30/2014	0.0603	0.1025	0.0860	0.0379	0.0255	0.0104							
6/30/2015	0.0572	0.1033	0.0745	0.0367	0.0224								
6/30/2016	0.0659	0.0960	0.0899	0.0551									
6/30/2017	0.0656	0.0968	0.0639										
6/30/2018	0.0677	0.0970											
6/30/2019	0.0688												

Best 3/5	0.0664	0.0988	0.0835	0.0464	0.0246	0.0099	0.0051	0.0034	0.0019	0.0015	0.0004	0.0014	0.0006
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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:

A.Y.E.	15 Months	27 Months	39 Months	51 Months	63 Months	75 Months	87 Months	99 Months	111 Months	123 Months	135 Months
6/30/2001	109,210,249	116,506,810	127,349,855	132,339,755	132,792,054	133,297,147	134,027,079	133,866,958	134,381,601	134,836,314	135,579,521
6/30/2002	91,185,832	104,610,416	109,751,266	111,606,134	111,402,560	112,398,037	112,071,525	112,207,751	112,336,354	112,818,695	113,174,228
6/30/2003	78,673,194	87,707,848	92,284,305	94,271,800	93,938,308	94,539,824	94,817,587	95,998,312	96,091,497	96,246,990	96,475,600
6/30/2004	88,595,798	101,106,889	105,578,721	105,995,380	106,799,582	107,093,846	107,085,611	107,585,132	107,889,452	108,088,176	108,348,146
6/30/2005	93,640,009	100,569,217	100,958,390	102,941,195	103,378,808	103,308,648	103,865,799	104,785,954	105,178,115	105,609,042	105,800,900
6/30/2006	94,044,451	102,040,222	104,459,409	105,785,209	107,170,760	108,147,925	108,684,691	109,128,665	109,088,724	109,795,024	109,770,529
6/30/2007	97,099,614	106,144,220	108,567,204	109,906,978	111,666,623	112,692,821	113,537,742	114,154,307	115,055,329	115,367,562	115,361,705
6/30/2008	103,454,788	112,741,019	114,950,152	116,602,471	118,607,634	119,628,387	120,489,878	121,196,783	121,845,753	122,245,171	123,310,746
6/30/2009	103,103,418	111,102,988	114,526,871	117,488,655	117,510,696	118,398,333	118,730,221	119,296,914	120,859,148	121,501,028	121,721,125
6/30/2010	96,632,703	105,755,704	108,490,954	110,461,394	111,928,655	111,977,580	112,756,966	112,895,148	113,476,735	113,585,924	113,967,352
6/30/2011	108,735,827	117,707,966	120,974,402	121,525,305	122,398,238	123,133,566	123,892,660	124,761,289	125,283,098	125,260,155	
6/30/2012	113,547,562	121,739,047	124,306,518	125,103,562	126,258,195	127,030,134	127,999,259	128,798,422	128,865,028		
6/30/2013	103,673,518	113,408,665	118,186,413	119,836,171	120,969,540	121,770,098	122,593,315	123,092,492			
6/30/2014	102,163,348	111,374,804	116,682,692	118,760,684	120,195,306	121,412,231	122,654,576				
6/30/2015	100,309,188	111,052,397	118,357,295	122,850,934	124,117,576	125,833,105					
6/30/2016	103,734,987	116,858,189	122,330,720	125,337,393	127,449,187						
6/30/2017	110,137,847	124,061,729	130,507,089	133,189,686							
6/30/2018	115,404,075	130,736,840	137,347,200								
6/30/2019	114,575,704	130,537,592									
6/30/2020	107,893,835										

A.Y.E.	147 Months	159 Months	171 Months	183 Months	195 Months	207 Months	219 Months	231 Months	243 Months
6/30/2001	135,569,081	135,494,800	135,641,129	135,711,993	135,923,553	136,115,242	136,418,455	136,548,168	136,856,564
6/30/2002	113,177,971	113,407,466	113,836,991	114,341,695	114,430,822	114,254,947	114,799,503	114,501,645	
6/30/2003	97,047,072	97,120,427	97,326,313	97,417,462	97,526,641	97,621,930	97,639,281		
6/30/2004	108,666,107	108,783,321	109,213,324	109,415,643	109,449,493	109,807,268			
6/30/2005	105,944,491	106,314,090	106,345,405	106,364,488	106,301,562				
6/30/2006	109,967,442	110,768,919	110,794,662	110,725,951					
6/30/2007	115,589,493	115,595,605	115,517,941						
6/30/2008	123,573,934	123,567,148							
6/30/2009	121,880,750								

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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
6/30/2001	1.067	1.093	1.039	1.003	1.004	1.005	0.999	1.004	1.003	1.006	1.000
6/30/2002	1.147	1.049	1.017	0.998	1.009	0.997	1.001	1.001	1.004	1.003	1.000
6/30/2003	1.115	1.052	1.022	0.996	1.006	1.003	1.012	1.001	1.002	1.002	1.006
6/30/2004	1.141	1.044	1.004	1.008	1.003	1.000	1.005	1.003	1.002	1.002	1.003
6/30/2005	1.074	1.004	1.020	1.004	0.999	1.005	1.009	1.004	1.004	1.002	1.001
6/30/2006	1.085	1.024	1.013	1.013	1.009	1.005	1.004	1.000	1.006	1.000	1.002
6/30/2007	1.093	1.023	1.012	1.016	1.009	1.007	1.005	1.008	1.003	1.000	1.002
6/30/2008	1.090	1.020	1.014	1.017	1.009	1.007	1.006	1.005	1.003	1.009	1.002
6/30/2009	1.078	1.031	1.026	1.000	1.008	1.003	1.005	1.013	1.005	1.002	1.001
6/30/2010	1.094	1.026	1.018	1.013	1.000	1.007	1.001	1.005	1.001	1.003	
6/30/2011	1.083	1.028	1.005	1.007	1.006	1.006	1.007	1.004	1.000		
6/30/2012	1.072	1.021	1.006	1.009	1.006	1.008	1.006	1.001			
6/30/2013	1.094	1.042	1.014	1.009	1.007	1.007	1.004				
6/30/2014	1.090	1.048	1.018	1.012	1.010	1.010					
6/30/2015	1.107	1.066	1.038	1.010	1.014						
6/30/2016	1.127	1.047	1.025	1.017							
6/30/2017	1.126	1.052	1.021								
6/30/2018	1.133	1.051									
6/30/2019	1.139										
3 Yr Mean	1.133	1.050	1.028	1.013	1.010	1.008	1.006	1.003	1.002	1.005	1.002
Best 3/5	1.129	1.050	1.021	1.010	1.008	1.007	1.005	1.005	1.002	1.002	1.002

A.Y.E.	159:147	171:159	183:171	195:183	207:195	219:207	231:219	243:231
6/30/2001	0.999	1.001	1.001	1.002	1.001	1.002	1.001	1.002
6/30/2002	1.002	1.004	1.004	1.001	0.998	1.005	0.997	1.001 *
6/30/2003	1.001	1.002	1.001	1.001	1.001	1.000	1.001 *	1.001 *
6/30/2004	1.001	1.004	1.002	1.000	1.003	1.001 *	1.001 *	1.001 *
6/30/2005	1.003	1.000	1.000	0.999	1.001 *	1.001 *	1.001 *	1.001 *
6/30/2006	1.007	1.000	0.999					
6/30/2007	1.000	0.999						
6/30/2008	1.000							
3 Yr Mean	1.002	1.000	1.000	1.000	1.001 @	1.002 @	0.999 @	1.002 @
Best 3/5	1.001	1.001	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
6/30/2016					1.008	1.007	1.005	1.005	1.002	1.002	1.002
6/30/2017				1.010	1.008	1.007	1.005	1.005	1.002	1.002	1.002
6/30/2018			1.021	1.010	1.008	1.007	1.005	1.005	1.002	1.002	1.002
6/30/2019		1.050	1.021	1.010	1.008	1.007	1.005	1.005	1.002	1.002	1.002
6/30/2020	1.129	1.050	1.021	1.010	1.008	1.007	1.005	1.005	1.002	1.002	1.002

A.Y.E.	147/159	159/171	171/183	183/195	195/207	207/219	219/231	231/243	243/Ult	FACTORS
6/30/2016	1.001	1.001	1.001	1.001	1.001	1.001	1.001	1.001	1.004*	1.044
6/30/2017	1.001	1.001	1.001	1.001	1.001	1.001	1.001	1.001	1.004*	1.054
6/30/2018	1.001	1.001	1.001	1.001	1.001	1.001	1.001	1.001	1.004*	1.076
6/30/2019	1.001	1.001	1.001	1.001	1.001	1.001	1.001	1.001	1.004*	1.130
6/30/2020	1.001	1.001	1.001	1.001	1.001	1.001	1.001	1.001	1.004*	1.276

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

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\$100,000 Basic Limit Losses as of:

A.Y.E.	15 Months	27 Months	39 Months	51 Months	63 Months	75 Months	87 Months	99 Months	111 Months	123 Months	135 Months
6/30/2001	20,428,156	25,391,915	27,823,184	29,290,075	29,680,768	30,012,385	30,281,533	30,984,899	31,479,126	31,451,530	31,163,873
6/30/2002	18,827,468	23,160,914	23,300,079	23,541,453	23,829,166	25,065,578	25,018,761	25,676,332	25,655,144	25,721,206	25,718,353
6/30/2003	19,880,768	21,679,471	21,835,664	22,415,057	23,569,537	23,467,914	23,957,827	24,174,028	24,368,126	24,573,000	24,603,339
6/30/2004	19,997,680	22,866,733	24,899,811	25,139,722	25,328,424	25,844,354	26,028,013	26,180,005	26,262,088	26,339,873	26,497,996
6/30/2005	21,049,509	23,944,173	25,700,930	26,256,998	26,338,755	26,037,953	26,313,662	26,447,914	26,912,795	27,098,960	27,195,137
6/30/2006	20,881,135	24,265,121	25,293,172	25,617,032	25,397,726	25,681,753	25,888,118	26,091,509	26,237,322	26,635,293	26,601,035
6/30/2007	24,860,854	26,513,967	27,633,982	27,585,114	27,483,424	27,233,380	27,594,591	27,479,469	27,522,885	27,644,203	27,694,114
6/30/2008	25,855,431	28,796,968	30,118,262	30,852,189	30,297,509	30,783,809	30,941,749	30,915,522	31,359,990	31,484,815	31,627,864
6/30/2009	27,069,163	27,403,945	28,545,602	28,753,946	28,579,841	28,563,278	28,294,050	28,624,814	28,851,738	29,032,318	29,031,486
6/30/2010	21,137,130	22,923,853	23,213,495	23,504,578	23,497,435	23,619,910	24,244,201	24,139,899	24,313,734	24,291,647	24,315,591
6/30/2011	22,607,999	23,526,194	24,372,606	24,127,125	24,323,958	24,544,325	24,624,458	25,112,547	24,895,405	24,950,409	
6/30/2012	21,525,198	23,718,271	24,497,547	24,717,806	24,691,473	24,878,471	25,074,135	25,060,529	25,126,778		
6/30/2013	20,331,122	22,696,451	23,721,973	23,703,418	23,275,260	23,247,254	23,307,123	23,335,837			
6/30/2014	22,023,991	23,959,969	24,437,722	24,851,503	25,062,559	25,318,652	25,357,184				
6/30/2015	23,570,866	26,080,315	26,966,692	27,746,765	27,904,017	27,782,247					
6/30/2016	24,440,129	26,431,001	27,531,141	26,780,605	27,230,185						
6/30/2017	21,614,267	24,998,270	27,051,696	27,585,997							
6/30/2018	24,847,632	26,822,566	29,186,155								
6/30/2019	23,034,109	27,462,040									
6/30/2020	18,913,492										
A.Y.E.	147 Months	159 Months	171 Months	183 Months	195 Months	207 Months	219 Months	231 Months	243 Months		
6/30/2001	31,340,669	31,514,228	31,623,496	31,631,988	31,531,801	31,564,301	31,577,579	31,585,212	31,585,212		
6/30/2002	25,902,410	25,943,939	25,782,023	25,648,106	25,641,270	25,553,509	25,540,822	25,540,821			
6/30/2003	24,671,936	24,612,878	24,566,831	24,653,647	24,613,075	24,620,349	24,619,848				
6/30/2004	26,486,324	26,453,641	26,473,689	26,472,478	26,577,281	26,592,281					
6/30/2005	27,074,801	27,253,680	27,319,172	27,166,159	27,136,067						
6/30/2006	26,783,013	26,706,462	26,720,087	26,753,943							
6/30/2007	27,790,607	27,782,388	27,826,096								
6/30/2008	31,577,965	31,799,129									
6/30/2009	29,137,787										

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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
6/30/2001	1.243	1.096	1.053	1.013	1.011	1.009	1.023	1.016	0.999	0.991	1.006
6/30/2002	1.230	1.006	1.010	1.012	1.052	0.998	1.026	0.999	1.003	1.000	1.007
6/30/2003	1.090	1.007	1.027	1.052	0.996	1.021	1.009	1.008	1.008	1.001	1.003
6/30/2004	1.143	1.089	1.010	1.008	1.020	1.007	1.006	1.003	1.003	1.006	1.000
6/30/2005	1.138	1.073	1.022	1.003	0.989	1.011	1.005	1.018	1.007	1.004	0.996
6/30/2006	1.162	1.042	1.013	0.991	1.011	1.008	1.008	1.006	1.015	0.999	1.007
6/30/2007	1.066	1.042	0.998	0.996	0.991	1.013	0.996	1.002	1.004	1.002	1.003
6/30/2008	1.114	1.046	1.024	0.982	1.016	1.005	0.999	1.014	1.004	1.005	0.998
6/30/2009	1.012	1.042	1.007	0.994	0.999	0.991	1.012	1.008	1.006	1.000	1.004
6/30/2010	1.085	1.013	1.013	1.000	1.005	1.026	0.996	1.007	0.999	1.001	
6/30/2011	1.041	1.036	0.990	1.008	1.009	1.003	1.020	0.991	1.002		
6/30/2012	1.102	1.033	1.009	0.999	1.008	1.008	0.999	1.003			
6/30/2013	1.116	1.045	0.999	0.982	0.999	1.003	1.001				
6/30/2014	1.088	1.020	1.017	1.008	1.010	1.002					
6/30/2015	1.106	1.034	1.029	1.006	0.996						
6/30/2016	1.081	1.042	0.973	1.017							
6/30/2017	1.157	1.082	1.020								
6/30/2018	1.079	1.088									
6/30/2019	1.192										
3 Yr Mean	1.143	1.071	1.007	1.010	1.002	1.004	1.007	1.000	1.002	1.002	1.002
Best 3/5	1.115	1.053	1.012	1.004	1.005	1.005	1.004	1.006	1.003	1.001	1.002

A.Y.E.	159:147	171:159	183:171	195:183	207:195	219:207	231:219	243:231			
6/30/2001	1.006	1.003	1.000	0.997	1.001	1.000	1.000	1.000			
6/30/2002	1.002	0.994	0.995	1.000	0.997	1.000	1.000	1.000 *			
6/30/2003	0.998	0.998	1.004	0.998	1.000	1.000	1.000 *	1.000 *			
6/30/2004	0.999	1.001	1.000	1.004	1.001	1.000 *	1.000 *	1.000 *			
6/30/2005	1.007	1.002	0.994	0.999	0.999 *	1.000 *	1.000 *	1.000 *			
6/30/2006	0.997	1.001	1.001								
6/30/2007	1.000	1.002									
6/30/2008	1.007										
3 Yr Mean	1.001	1.002	0.998	1.000	0.999 @	1.000 @	1.000 @	1.000 @			
Best 3/5	1.002	1.001	0.999	0.999	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
6/30/2016					1.005	1.005	1.004	1.006	1.003	1.001	1.002
6/30/2017				1.004	1.005	1.005	1.004	1.006	1.003	1.001	1.002
6/30/2018			1.012	1.004	1.005	1.005	1.004	1.006	1.003	1.001	1.002
6/30/2019		1.053	1.012	1.004	1.005	1.005	1.004	1.006	1.003	1.001	1.002
6/30/2020	1.115	1.053	1.012	1.004	1.005	1.005	1.004	1.006	1.003	1.001	1.002

A.Y.E.	147/159	159/171	171/183	183/195	195/207	207/219	219/231	231/243	243/Ult	FACTORS
6/30/2016	1.002	1.001	0.999	0.999	1.000	1.000	1.000	1.000	1.000*	1.027
6/30/2017	1.002	1.001	0.999	0.999	1.000	1.000	1.000	1.000	1.000*	1.031
6/30/2018	1.002	1.001	0.999	0.999	1.000	1.000	1.000	1.000	1.000*	1.044
6/30/2019	1.002	1.001	0.999	0.999	1.000	1.000	1.000	1.000	1.000*	1.099
6/30/2020	1.002	1.001	0.999	0.999	1.000	1.000	1.000	1.000	1.000*	1.226

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

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 INCURRED ACCIDENT YEAR ALAE DEVELOPMENT

<u>A.Y.E.</u>	<u>15 Months</u>	<u>27 Months</u>	<u>39 Months</u>	<u>51 Months</u>	<u>63 Months</u>	<u>75 Months</u>	<u>87 Months</u>	<u>99 Months</u>	<u>111 Months</u>	<u>123 Months</u>	<u>135 Months</u>
6/30/2001	10,324,251	15,095,929	24,818,254	35,521,566	46,163,386	52,136,126	57,275,689	60,387,637	62,126,778	63,036,242	64,814,682
6/30/2002	7,552,704	14,762,911	21,202,582	28,118,144	34,253,296	39,148,787	41,637,392	42,840,822	44,252,740	44,487,683	45,026,699
6/30/2003	7,750,082	14,007,247	20,846,803	27,657,739	32,839,093	33,674,869	37,346,208	38,037,242	38,950,995	40,153,451	41,231,791
6/30/2004	6,705,511	13,432,281	21,347,905	28,747,210	32,675,644	35,546,356	36,497,103	37,785,126	39,051,360	39,857,831	40,422,868
6/30/2005	7,983,735	12,898,444	18,779,502	25,216,079	29,863,321	32,781,602	35,678,228	37,093,925	38,397,634	38,950,183	39,282,504
6/30/2006	7,850,944	13,756,864	21,476,024	27,586,514	32,834,968	37,036,688	39,455,795	41,501,330	42,918,565	44,119,558	45,080,596
6/30/2007	7,216,558	13,351,785	20,933,278	27,408,391	32,868,393	37,309,546	39,720,451	41,371,468	43,583,177	44,394,311	46,177,811
6/30/2008	8,870,063	16,807,502	25,587,841	32,668,710	38,335,614	40,166,056	42,062,247	44,936,222	46,876,865	47,472,424	48,464,361
6/30/2009	7,869,246	14,502,819	21,885,225	29,234,492	34,452,325	36,840,855	38,738,908	40,531,827	41,649,212	42,734,844	43,548,836
6/30/2010	8,784,323	17,648,371	23,522,667	31,103,486	35,292,669	37,151,064	40,343,486	41,359,070	42,870,069	43,686,767	44,075,445
6/30/2011	9,259,615	15,344,731	23,613,685	29,679,265	33,000,715	35,655,108	37,655,005	39,278,258	41,182,086	41,823,616	
6/30/2012	10,762,210	16,678,243	23,004,092	25,990,606	30,055,860	32,459,561	33,017,562	34,352,010	35,659,042		
6/30/2013	10,699,849	18,160,847	27,461,995	38,571,371	44,214,936	48,017,659	49,499,892	51,171,980			
6/30/2014	10,076,082	19,572,864	30,040,627	36,237,606	44,011,366	47,742,351	50,492,254				
6/30/2015	8,442,518	16,531,405	25,322,890	34,003,611	43,732,299	48,797,129					
6/30/2016	13,090,553	20,832,129	27,964,248	34,599,147	40,825,358						
6/30/2017	10,162,148	16,793,591	24,483,461	30,204,718							
6/30/2018	10,587,262	19,199,651	27,942,651								
6/30/2019	11,857,092	19,552,145									
6/30/2020	13,320,079										

<u>A.Y.E.</u>	<u>147 Months</u>	<u>159 Months</u>	<u>171 Months</u>	<u>183 Months</u>	<u>195 Months</u>	<u>207 Months</u>	<u>219 Months</u>	<u>231 Months</u>	<u>243 Months</u>
6/30/2001	66,273,483	66,090,305	65,749,659	66,103,838	67,362,741	67,630,141	66,918,421	67,211,003	69,343,363
6/30/2002	45,713,864	45,933,527	46,910,616	47,141,174	47,170,573	47,485,117	48,195,279	48,438,531	
6/30/2003	42,201,069	43,256,384	43,501,751	43,972,902	44,350,562	44,539,855	45,005,912		
6/30/2004	40,866,282	41,237,279	43,168,856	43,699,362	44,517,809	45,458,388			
6/30/2005	39,582,440	40,556,830	40,872,434	40,915,943	41,179,692				
6/30/2006	46,163,141	47,127,527	47,680,207	48,055,197					
6/30/2007	46,225,464	46,571,291	46,511,770						
6/30/2008	49,425,225	49,830,999							
6/30/2009	44,177,534								

PREMISES/OPERATIONS (Subline Code 334)
 MANUFACTURERS AND CONTRACTORS
 FULL COVERAGE
 MULTISTATE
 PROPERTY DAMAGE - OCCURRENCE
 INCURRED ACCIDENT YEAR INCREMENTAL 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
6/30/2001	4,771,678	9,722,325	10,703,312	10,641,820	5,972,740	5,139,563	3,111,948	1,739,141	909,464	1,778,440	1,458,801	-183,178	-340,646
6/30/2002	7,210,207	6,439,671	6,915,562	6,135,152	4,895,491	2,488,605	1,203,430	1,411,918	234,943	539,016	687,165	219,663	977,089
6/30/2003	6,257,165	6,839,556	6,810,936	5,181,354	835,776	3,671,339	691,034	913,753	1,202,456	1,078,340	969,278	1,055,315	245,367
6/30/2004	6,726,770	7,915,624	7,399,305	3,928,434	2,870,712	950,747	1,288,023	1,266,234	806,471	565,037	443,414	370,997	1,931,577
6/30/2005	4,914,709	5,881,058	6,436,577	4,647,242	2,918,281	2,896,626	1,415,697	1,303,709	552,549	332,321	299,936	974,390	315,604
6/30/2006	5,905,920	7,719,160	6,110,490	5,248,454	4,201,720	2,419,107	2,045,535	1,417,235	1,200,993	961,038	1,082,545	964,386	552,680
6/30/2007	6,135,227	7,581,493	6,475,113	5,460,002	4,441,153	2,410,905	1,651,017	2,211,709	811,134	1,783,500	47,653	345,827	-59,521
6/30/2008	7,937,439	8,780,339	7,080,869	5,666,904	1,830,442	1,896,191	2,873,975	1,940,643	595,559	991,937	960,864	405,774	
6/30/2009	6,633,573	7,382,406	7,349,267	5,217,833	2,388,530	1,898,053	1,792,919	1,117,385	1,085,632	813,992	628,698		
6/30/2010	8,864,048	5,874,296	7,580,819	4,189,183	1,858,395	3,192,422	1,015,584	1,510,999	816,698	388,678			
6/30/2011	6,085,116	8,268,954	6,065,580	3,321,450	2,654,393	1,999,897	1,623,253	1,903,828	641,530				
6/30/2012	5,916,033	6,325,849	2,986,514	4,065,254	2,403,701	558,001	1,334,448	1,307,032					
6/30/2013	7,460,998	9,301,148	11,109,376	5,643,565	3,802,723	1,482,233	1,672,088						
6/30/2014	9,496,782	10,467,763	6,196,979	7,773,760	3,730,985	2,749,903							
6/30/2015	8,088,887	8,791,485	6,680,721	9,728,688	5,064,830								
6/30/2016	7,741,576	7,132,119	6,634,899	6,226,211									
6/30/2017	6,631,443	7,689,870	5,721,257										
6/30/2018	8,612,389	8,743,000											
6/30/2019	7,695,053												

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
6/30/2001	0.0264	0.0537	0.0591	0.0588	0.0330	0.0284	0.0172	0.0096	0.0050	0.0098	0.0081	-0.0010	-0.0019
6/30/2002	0.0480	0.0429	0.0460	0.0408	0.0326	0.0166	0.0080	0.0094	0.0016	0.0036	0.0046	0.0015	0.0065
6/30/2003	0.0490	0.0536	0.0533	0.0406	0.0065	0.0288	0.0054	0.0072	0.0094	0.0084	0.0076	0.0083	0.0019
6/30/2004	0.0467	0.0550	0.0514	0.0273	0.0199	0.0066	0.0089	0.0088	0.0056	0.0039	0.0031	0.0026	0.0134
6/30/2005	0.0354	0.0424	0.0464	0.0335	0.0210	0.0209	0.0102	0.0094	0.0040	0.0024	0.0022	0.0070	0.0023
6/30/2006	0.0411	0.0537	0.0425	0.0365	0.0292	0.0168	0.0142	0.0099	0.0084	0.0067	0.0075	0.0067	0.0038
6/30/2007	0.0421	0.0520	0.0444	0.0374	0.0305	0.0165	0.0113	0.0152	0.0056	0.0122	0.0003	0.0024	-0.0004
6/30/2008	0.0474	0.0525	0.0423	0.0339	0.0109	0.0113	0.0172	0.0116	0.0036	0.0059	0.0057	0.0024	
6/30/2009	0.0414	0.0460	0.0458	0.0325	0.0149	0.0118	0.0112	0.0070	0.0068	0.0051	0.0039		
6/30/2010	0.0585	0.0388	0.0500	0.0276	0.0123	0.0211	0.0067	0.0100	0.0054	0.0026			
6/30/2011	0.0358	0.0487	0.0357	0.0195	0.0156	0.0118	0.0096	0.0112	0.0038				
6/30/2012	0.0350	0.0374	0.0177	0.0240	0.0142	0.0033	0.0079	0.0077					
6/30/2013	0.0440	0.0549	0.0656	0.0333	0.0224	0.0087	0.0099						
6/30/2014	0.0548	0.0604	0.0357	0.0448	0.0215	0.0159							
6/30/2015	0.0458	0.0498	0.0492	0.0551	0.0287								
6/30/2016	0.0426	0.0392	0.0365	0.0342									
6/30/2017	0.0346	0.0401	0.0298										
6/30/2018	0.0413	0.0419											
6/30/2019	0.0373												

Best 3/5	0.0404	0.0439	0.0405	0.0375	0.0199	0.0121	0.0091	0.0096	0.0049	0.0059	0.0039	0.0039	0.0027
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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:

A.Y.E.	15 Months	27 Months	39 Months	51 Months	63 Months	75 Months	87 Months	99 Months	111 Months	123 Months	135 Months
6/30/2001	13,828,313	19,193,806	22,315,359	22,827,830	23,196,019	23,124,692	23,875,756	24,369,668	23,847,819	23,733,645	23,841,278
6/30/2002	13,479,448	18,685,376	20,376,066	20,776,563	20,872,415	20,816,798	20,702,465	20,491,793	20,333,104	20,166,843	20,084,494
6/30/2003	13,300,450	15,393,503	17,194,272	18,471,738	18,047,084	18,463,077	17,589,930	17,919,262	18,074,753	17,881,111	17,928,123
6/30/2004	16,614,799	23,070,435	27,551,512	28,382,404	28,585,179	26,862,822	26,172,965	26,059,911	25,994,472	26,254,339	26,004,503
6/30/2005	17,670,071	21,866,910	24,609,720	25,784,103	25,175,671	25,033,516	25,088,099	25,352,177	25,395,727	25,304,485	25,287,295
6/30/2006	19,378,133	24,806,557	26,853,905	26,042,320	26,107,279	25,959,158	25,861,657	25,947,464	25,555,757	25,847,507	25,724,385
6/30/2007	18,098,104	21,521,291	23,867,806	24,456,665	23,637,349	23,417,720	23,233,336	23,575,180	23,322,000	23,298,342	23,234,673
6/30/2008	15,560,486	18,411,500	20,099,543	20,420,377	20,448,059	19,992,640	19,742,204	19,935,396	19,964,403	19,889,612	20,073,946
6/30/2009	13,802,303	17,911,641	19,668,281	19,829,756	20,085,679	20,076,846	19,675,744	19,506,115	19,334,737	19,347,425	19,202,621
6/30/2010	13,509,516	15,739,827	16,643,870	16,706,003	16,244,327	16,336,296	16,352,250	16,286,976	16,348,511	16,345,608	16,389,310
6/30/2011	12,160,894	13,862,054	15,012,248	13,859,574	14,025,712	14,119,272	14,436,959	14,424,194	14,479,119	14,541,741	
6/30/2012	5,575,473	6,828,902	7,418,288	8,366,925	7,963,691	8,413,141	8,372,162	8,588,734	8,644,382		
6/30/2013	6,065,386	7,234,946	7,807,475	8,481,477	8,666,479	8,830,057	8,895,854	8,982,406			
6/30/2014	5,448,114	8,237,511	9,814,069	10,050,836	10,021,408	10,084,090	9,978,936				
6/30/2015	7,354,207	9,951,600	10,425,985	11,513,226	11,419,717	11,333,480					
6/30/2016	6,905,379	8,525,378	9,339,267	9,446,421	9,804,755						
6/30/2017	6,059,041	8,222,398	9,275,414	9,614,647							
6/30/2018	7,395,033	8,830,836	10,743,307								
6/30/2019	5,291,569	5,976,541									
6/30/2020	4,913,212										
A.Y.E.	147 Months	159 Months	171 Months	183 Months	195 Months	207 Months	219 Months	231 Months	243 Months		
6/30/2001	23,670,015	23,622,712	23,865,648	23,758,485	23,765,648	23,745,639	23,845,623	23,846,623	23,845,623		
6/30/2002	20,205,523	20,149,412	20,128,881	20,159,701	20,147,197	20,147,197	20,147,197	20,355,029			
6/30/2003	17,739,860	17,635,096	17,735,096	17,743,096	17,743,096	17,843,096	18,056,657				
6/30/2004	26,083,147	26,105,799	26,088,147	26,088,150	26,098,147	26,371,009					
6/30/2005	25,187,295	25,126,315	25,121,315	25,121,315	25,121,315						
6/30/2006	25,677,490	25,563,324	25,575,672	25,559,844							
6/30/2007	23,230,423	23,242,923	23,230,423								
6/30/2008	20,082,743	20,088,243									
6/30/2009	19,202,621										

PREMISES/OPERATIONS (Subline Code 334)

MANUFACTURERS AND CONTRACTORS

FULL COVERAGE

MULTISTATE

FRINGE COVERAGE - 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
6/30/2001	1.388	1.163	1.023	1.016	0.997	1.032	1.021	0.979	0.995	1.005	0.993
6/30/2002	1.386	1.090	1.020	1.005	0.997	0.995	0.990	0.992	0.992	0.996	1.006
6/30/2003	1.157	1.117	1.074	0.977	1.023	0.953	1.019	1.009	0.989	1.003	0.989
6/30/2004	1.389	1.194	1.030	1.007	0.940	0.974	0.996	0.997	1.010	0.990	1.003
6/30/2005	1.238	1.125	1.048	0.976	0.994	1.002	1.011	1.002	0.996	0.999	0.996
6/30/2006	1.280	1.083	0.970	1.002	0.994	0.996	1.003	0.985	1.011	0.995	0.998
6/30/2007	1.189	1.109	1.025	0.966	0.991	0.992	1.015	0.989	0.999	0.997	1.000
6/30/2008	1.183	1.092	1.016	1.001	0.978	0.987	1.010	1.001	0.996	1.009	1.000
6/30/2009	1.298	1.098	1.008	1.013	1.000	0.980	0.991	0.991	1.001	0.993	1.000
6/30/2010	1.165	1.057	1.004	0.972	1.006	1.001	0.996	1.004	1.000	1.003	
6/30/2011	1.140	1.083	0.923	1.012	1.007	1.023	0.999	1.004	1.004		
6/30/2012	1.225	1.086	1.128	0.952	1.056	0.995	1.026	1.006			
6/30/2013	1.193	1.079	1.086	1.022	1.019	1.007	1.010				
6/30/2014	1.512	1.191	1.024	0.997	1.006	0.990					
6/30/2015	1.353	1.048	1.104	0.992	0.992						
6/30/2016	1.235	1.095	1.011	1.038							
6/30/2017	1.357	1.128	1.037								
6/30/2018	1.194	1.217									
6/30/2019	1.129										
3 Yr Mean	1.227	1.147	1.051	1.009	1.006	0.997	1.012	1.005	1.002	1.002	1.000
Best 3/5	1.261	1.138	1.049	1.004	1.011	1.001	1.002	1.003	1.000	0.998	0.999

A.Y.E.	159:147	171:159	183:171	195:183	207:195	219:207	231:219	243:231			
6/30/2001	0.998	1.010	0.996	1.000	0.999	1.004	1.000	1.000			
6/30/2002	0.997	0.999	1.002	0.999	1.000	1.000	1.010	1.003 *			
6/30/2003	0.994	1.006	1.000	1.000	1.006	1.012	1.003 *	1.003 *			
6/30/2004	1.001	0.999	1.000	1.000	1.010	1.002 *	1.003 *	1.003 *			
6/30/2005	0.998	1.000	1.000	1.000	1.000 *	1.002 *	1.003 *	1.003 *			
6/30/2006	0.996	1.000	0.999								
6/30/2007	1.001	0.999									
6/30/2008	1.000										
3 Yr Mean	0.999	1.000	1.000	1.000	1.005 @	1.005 @	1.005 @	1.000 @			
Best 3/5	1.000	1.000	1.000	1.000	1.002 *	1.003 *	1.003 *	1.003 *			

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
6/30/2016					1.011	1.001	1.002	1.003	1.000	0.998	0.999
6/30/2017				1.004	1.011	1.001	1.002	1.003	1.000	0.998	0.999
6/30/2018			1.049	1.004	1.011	1.001	1.002	1.003	1.000	0.998	0.999
6/30/2019		1.138	1.049	1.004	1.011	1.001	1.002	1.003	1.000	0.998	0.999
6/30/2020	1.261	1.138	1.049	1.004	1.011	1.001	1.002	1.003	1.000	0.998	0.999

A.Y.E.	147/159	159/171	171/183	183/195	195/207	207/219	219/231	231/243	243/Ult	FACTORS
6/30/2016	1.000	1.000	1.000	1.000	1.002	1.003	1.003	1.003	1.012*	1.038
6/30/2017	1.000	1.000	1.000	1.000	1.002	1.003	1.003	1.003	1.012*	1.042
6/30/2018	1.000	1.000	1.000	1.000	1.002	1.003	1.003	1.003	1.012*	1.093
6/30/2019	1.000	1.000	1.000	1.000	1.002	1.003	1.003	1.003	1.012*	1.244
6/30/2020	1.000	1.000	1.000	1.000	1.002	1.003	1.003	1.003	1.012*	1.568

* Calculated Using Modified Bondy Method

@ Three year mean Excludes Modified Bondy ratios

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

A.Y.E.	15 Months	27 Months	39 Months	51 Months	63 Months	75 Months	87 Months	99 Months	111 Months	123 Months	135 Months
6/30/2001	4,309,549	9,206,474	12,795,086	15,745,554	16,790,731	17,505,263	18,397,591	20,378,668	20,130,967	20,352,026	20,541,429
6/30/2002	4,984,513	9,687,587	13,413,663	14,587,521	15,366,820	16,543,230	17,864,230	17,382,863	17,470,502	17,382,127	17,452,126
6/30/2003	2,959,983	5,180,814	7,561,231	10,808,647	11,405,007	13,594,565	13,106,738	13,898,961	14,755,492	15,146,720	15,325,650
6/30/2004	3,865,400	7,042,791	11,877,415	17,912,721	27,167,171	30,397,731	26,554,579	26,451,504	27,543,921	27,650,932	28,954,743
6/30/2005	3,998,704	7,800,488	13,454,277	17,623,648	19,425,865	21,566,428	22,536,695	22,786,146	23,187,974	24,394,524	24,421,040
6/30/2006	3,754,587	6,935,180	13,100,485	16,779,000	19,396,002	21,328,751	21,409,904	21,934,332	22,089,262	21,970,643	22,223,240
6/30/2007	5,013,164	6,607,748	9,606,489	12,452,698	14,807,558	16,189,986	16,766,310	17,672,924	17,884,831	17,871,247	17,428,473
6/30/2008	3,378,819	8,342,973	13,854,258	16,079,414	17,575,380	18,833,104	19,160,826	20,000,666	20,283,987	20,364,843	20,412,751
6/30/2009	5,353,947	8,183,404	12,540,520	16,713,365	18,982,468	21,335,529	21,710,898	21,954,492	22,832,418	23,426,104	23,257,750
6/30/2010	3,604,429	7,451,733	10,858,328	13,108,616	15,260,243	15,710,382	16,276,570	16,384,441	16,778,062	16,786,986	16,840,219
6/30/2011	2,961,790	5,614,605	12,453,299	16,408,639	19,930,923	20,655,579	22,889,146	22,646,556	22,892,570	22,941,221	
6/30/2012	1,072,834	3,951,982	6,988,967	11,149,823	11,446,708	12,760,743	13,447,851	13,374,512	13,476,124		
6/30/2013	1,955,496	4,265,807	8,359,148	10,119,702	11,137,812	11,436,579	12,181,619	12,855,698			
6/30/2014	1,824,635	5,013,547	9,234,473	11,032,644	15,653,271	15,988,155	16,882,290				
6/30/2015	2,762,934	5,122,974	8,505,429	11,973,443	12,645,589	12,812,827					
6/30/2016	1,976,839	5,910,018	8,186,423	11,189,301	12,623,152						
6/30/2017	1,092,423	3,165,269	4,704,331	7,155,007							
6/30/2018	3,497,835	5,882,065	7,393,815								
6/30/2019	1,018,166	1,665,329									
6/30/2020	746,296										

A.Y.E.	147 Months	159 Months	171 Months	183 Months	195 Months	207 Months	219 Months	231 Months	243 Months
6/30/2001	20,540,309	20,792,708	22,103,264	21,054,081	21,042,665	20,957,124	21,007,112	21,186,691	21,304,557
6/30/2002	17,511,216	17,542,115	17,679,784	17,721,027	17,732,033	17,732,033	17,732,033	17,732,033	
6/30/2003	15,661,940	15,680,172	15,680,172	15,680,172	15,680,178	15,886,163	15,886,163		
6/30/2004	28,690,361	28,783,814	29,376,593	29,376,593	29,378,932	29,382,229			
6/30/2005	24,485,342	24,499,297	24,506,635	24,526,784	24,526,784				
6/30/2006	22,841,401	22,235,978	22,237,544	22,266,002					
6/30/2007	17,431,616	17,453,151	17,456,693						
6/30/2008	20,407,603	20,480,755							
6/30/2009	23,249,163								

PREMISES/OPERATIONS (Subline Code 334)
 MANUFACTURERS AND CONTRACTORS
 FULL COVERAGE
 MULTISTATE
 FRINGE COVERAGE - OCCURRENCE
 INCURRED ACCIDENT YEAR INCREMENTAL 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
6/30/2001	4,896,925	3,588,612	2,950,468	1,045,177	714,532	892,328	1,981,077	-247,701	221,059	189,403	-1,120	252,399	1,310,556
6/30/2002	4,703,074	3,726,076	1,173,858	779,299	1,176,410	1,321,000	-481,367	87,639	-88,375	69,999	59,090	30,899	137,669
6/30/2003	2,220,831	2,380,417	3,247,416	596,360	2,189,558	-487,827	792,223	856,531	391,228	178,930	336,290	18,232	0
6/30/2004	3,177,391	4,834,624	6,035,306	9,254,450	3,230,560	-3,843,152	-103,075	1,092,417	107,011	1,303,811	-264,382	93,453	592,779
6/30/2005	3,801,784	5,653,789	4,169,371	1,802,217	2,140,563	970,267	249,451	401,828	1,206,550	26,516	64,302	13,955	7,338
6/30/2006	3,180,593	6,165,305	3,678,515	2,617,002	1,932,749	81,153	524,428	154,930	-118,619	252,597	618,161	-605,423	1,566
6/30/2007	1,594,584	2,998,741	2,846,209	2,354,860	1,382,428	576,324	906,614	211,907	-13,584	-442,774	3,143	21,535	3,542
6/30/2008	4,964,154	5,511,285	2,225,156	1,495,966	1,257,724	327,722	839,840	283,321	80,856	47,908	-5,148	73,152	
6/30/2009	2,829,457	4,357,116	4,172,845	2,269,103	2,353,061	375,369	243,594	877,926	593,686	-168,354	-8,587		
6/30/2010	3,847,304	3,406,595	2,250,288	2,151,627	450,139	566,188	107,871	393,621	8,924	53,233			
6/30/2011	2,652,815	6,838,694	3,955,340	3,522,284	724,656	2,233,567	-242,590	246,014	48,651				
6/30/2012	2,879,148	3,036,985	4,160,856	296,885	1,314,035	687,108	-73,339	101,612					
6/30/2013	2,310,311	4,093,341	1,760,554	1,018,110	298,767	745,040	674,079						
6/30/2014	3,188,912	4,220,926	1,798,171	4,620,627	334,884	894,135							
6/30/2015	2,360,040	3,382,455	3,382,455	672,146	167,238								
6/30/2016	3,933,179	2,276,405	3,002,878	1,433,851									
6/30/2017	2,072,846	1,539,062	2,450,676										
6/30/2018	2,384,230	1,511,750											
6/30/2019	647,163												

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
6/30/2001	0.1294	0.0948	0.0779	0.0276	0.0189	0.0236	0.0523	-0.0065	0.0058	0.0050	0.0000	0.0067	0.0346
6/30/2002	0.1467	0.1163	0.0366	0.0243	0.0367	0.0412	-0.0150	0.0027	-0.0028	0.0022	0.0018	0.0010	0.0043
6/30/2003	0.0797	0.0854	0.1165	0.0214	0.0785	-0.0175	0.0284	0.0307	0.0140	0.0064	0.0121	0.0007	0.0000
6/30/2004	0.0761	0.1158	0.1445	0.2216	0.0774	-0.0920	-0.0025	0.0262	0.0026	0.0312	-0.0063	0.0022	0.0142
6/30/2005	0.0950	0.1413	0.1042	0.0450	0.0535	0.0242	0.0062	0.0100	0.0301	0.0007	0.0016	0.0003	0.0002
6/30/2006	0.0718	0.1391	0.0830	0.0591	0.0436	0.0018	0.0118	0.0035	-0.0027	0.0057	0.0139	-0.0137	0.0000
6/30/2007	0.0405	0.0762	0.0723	0.0598	0.0351	0.0146	0.0230	0.0054	-0.0003	-0.0113	0.0001	0.0005	0.0001
6/30/2008	0.1580	0.1754	0.0708	0.0476	0.0400	0.0104	0.0267	0.0090	0.0026	0.0015	-0.0002	0.0023	
6/30/2009	0.0846	0.1303	0.1248	0.0679	0.0704	0.0112	0.0073	0.0263	0.0178	-0.0050	-0.0003		
6/30/2010	0.1612	0.1428	0.0943	0.0902	0.0189	0.0237	0.0045	0.0165	0.0004	0.0022			
6/30/2011	0.1104	0.2846	0.1646	0.1466	0.0302	0.0930	-0.0101	0.0102	0.0020				
6/30/2012	0.1852	0.1954	0.2677	0.0191	0.0845	0.0442	-0.0047	0.0065					
6/30/2013	0.1558	0.2761	0.1187	0.0687	0.0202	0.0502	0.0455						
6/30/2014	0.1794	0.2375	0.1012	0.2600	0.0188	0.0503							
6/30/2015	0.1082	0.1550	0.1589	0.0308	0.0077								
6/30/2016	0.1856	0.1074	0.1417	0.0677									
6/30/2017	0.1263	0.0937	0.1493										
6/30/2018	0.1191	0.0755											
6/30/2019	0.0580												

Best 3/5 0.1178 0.1187 0.1366 0.0557 0.0230 0.0483 0.0024 0.0119 0.0017 -0.0004 0.0005 0.0010 0.0001

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

\$100,000 Basic Limit Losses as of:

A.Y.E.	15 Months	27 Months	39 Months	51 Months	63 Months	75 Months	87 Months	99 Months	111 Months	123 Months	135 Months
6/30/2001	228,368,847	291,830,462	325,884,508	342,826,435	343,209,295	337,156,112	335,284,866	333,270,618	332,394,093	331,358,326	331,194,964
6/30/2002	206,707,575	259,159,418	310,847,617	323,917,879	320,351,025	316,755,730	313,958,784	312,917,829	312,341,683	311,656,250	311,985,372
6/30/2003	219,427,098	295,541,185	353,256,932	359,512,299	351,425,621	345,117,660	343,207,600	340,303,463	339,124,650	338,922,393	338,971,944
6/30/2004	246,119,410	331,729,804	358,880,460	363,847,253	359,273,435	355,614,057	353,297,192	351,849,907	351,592,995	351,060,487	350,739,260
6/30/2005	256,313,597	298,084,771	337,388,353	342,274,873	343,242,170	337,632,415	335,259,569	334,126,763	332,936,398	333,425,021	333,584,492
6/30/2006	236,825,926	310,757,408	348,082,141	359,883,961	354,716,495	348,176,883	344,876,680	343,818,912	343,246,781	343,256,635	342,934,690
6/30/2007	263,415,983	337,354,450	375,414,481	381,557,349	374,860,466	369,348,156	367,004,973	365,059,245	364,078,347	363,975,952	364,073,013
6/30/2008	280,745,397	353,194,615	396,281,671	401,933,189	395,948,434	390,672,018	388,516,043	386,912,775	386,720,786	386,070,927	385,746,092
6/30/2009	293,899,560	375,601,397	415,031,078	416,211,199	410,040,153	407,380,624	403,929,704	401,915,887	400,973,467	400,684,979	401,469,608
6/30/2010	317,519,644	400,231,452	448,498,403	450,546,903	444,163,561	439,547,140	436,248,773	434,981,640	434,281,107	434,048,678	434,441,678
6/30/2011	345,673,621	438,178,378	486,282,402	494,085,317	485,683,785	480,428,747	476,616,019	474,771,947	474,561,550	474,079,244	
6/30/2012	292,186,814	372,926,636	417,375,903	418,211,326	416,280,763	412,956,249	411,835,160	412,200,108	411,042,082		
6/30/2013	291,938,059	372,926,868	406,894,067	414,255,395	415,581,850	414,312,672	414,063,117	412,593,878			
6/30/2014	321,643,826	408,847,520	467,444,907	500,542,065	501,008,461	502,134,028	498,172,294				
6/30/2015	283,169,349	386,445,787	467,620,685	496,961,769	504,149,268	501,635,191					
6/30/2016	265,263,559	380,138,283	455,789,390	489,225,545	492,659,018						
6/30/2017	288,093,444	413,022,238	505,129,127	535,823,919							
6/30/2018	332,123,476	469,702,477	556,027,619								
6/30/2019	313,999,138	446,995,781									
6/30/2020	241,595,327										

A.Y.E.	147 Months	159 Months	171 Months	183 Months	195 Months	207 Months	219 Months	231 Months	243 Months
6/30/2001	331,479,483	331,414,767	331,721,832	332,011,405	332,050,663	331,934,884	331,913,713	331,945,187	332,101,075
6/30/2002	311,703,102	311,928,657	312,416,551	311,991,765	312,158,319	312,118,351	312,231,084	312,233,405	
6/30/2003	338,997,026	339,099,511	339,226,628	339,194,362	339,192,717	339,554,015	339,925,034		
6/30/2004	351,108,179	351,051,419	351,069,861	350,960,889	351,152,004	351,157,208			
6/30/2005	333,523,797	333,428,747	333,707,199	334,193,877	334,233,318				
6/30/2006	342,664,740	342,496,758	342,726,107	343,193,609					
6/30/2007	363,954,665	364,513,266	364,743,126						
6/30/2008	386,038,255	386,218,582							
6/30/2009	401,385,830								

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

INCURRED ACCIDENT YEAR BASIC LIMITS LOSS DEVELOPMENT EXCLUDING ALAE
 Link Ratios

A.Y.E.	27: 15	39: 27	51: 39	63: 51	75: 63	87: 75	99: 87	111: 99	123:111	135:123	147:135
6/30/2001	1.278	1.117	1.052	1.001	0.982	0.994	0.994	0.997	0.997	1.000	1.001
6/30/2002	1.254	1.199	1.042	0.989	0.989	0.991	0.997	0.998	0.998	1.001	0.999
6/30/2003	1.347	1.195	1.018	0.978	0.982	0.994	0.992	0.997	0.999	1.000	1.000
6/30/2004	1.348	1.082	1.014	0.987	0.990	0.993	0.996	0.999	0.998	0.999	1.001
6/30/2005	1.163	1.132	1.014	1.003	0.984	0.993	0.997	0.996	1.001	1.000	1.000
6/30/2006	1.312	1.120	1.034	0.986	0.982	0.991	0.997	0.998	1.000	0.999	0.999
6/30/2007	1.281	1.113	1.016	0.982	0.985	0.994	0.995	0.997	1.000	1.000	1.000
6/30/2008	1.258	1.122	1.014	0.985	0.987	0.994	0.996	1.000	0.998	0.999	1.001
6/30/2009	1.278	1.105	1.003	0.985	0.994	0.992	0.995	0.998	0.999	1.002	1.000
6/30/2010	1.260	1.121	1.005	0.986	0.990	0.992	0.997	0.998	0.999	1.001	
6/30/2011	1.268	1.110	1.016	0.983	0.989	0.992	0.996	1.000	0.999		
6/30/2012	1.276	1.119	1.002	0.995	0.992	0.997	1.001	0.997			
6/30/2013	1.277	1.091	1.018	1.003	0.997	0.999	0.996				
6/30/2014	1.271	1.143	1.071	1.001	1.002	0.992					
6/30/2015	1.365	1.210	1.063	1.014	0.995						
6/30/2016	1.433	1.199	1.073	1.007							
6/30/2017	1.434	1.223	1.061								
6/30/2018	1.414	1.184									
6/30/2019	1.424										
3 Yr Mean	1.424	1.202	1.066	1.007	0.998	0.996	0.998	0.998	0.999	1.001	1.000
Best 3/5	1.424	1.198	1.065	1.004	0.995	0.994	0.996	0.999	0.999	1.000	1.000

A.Y.E.	159:147	171:159	183:171	195:183	207:195	219:207	231:219	243:231
6/30/2001	1.000	1.001	1.001	1.000	1.000	1.000	1.000	1.000
6/30/2002	1.001	1.002	0.999	1.001	1.000	1.000	1.000	1.000 *
6/30/2003	1.000	1.000	1.000	1.000	1.001	1.001	1.000 *	1.000 *
6/30/2004	1.000	1.000	1.000	1.001	1.000	1.000 *	1.000 *	1.000 *
6/30/2005	1.000	1.001	1.001	1.000	1.000 *	1.000 *	1.000 *	1.000 *
6/30/2006	1.000	1.001	1.001					
6/30/2007	1.002	1.001						
6/30/2008	1.000							
3 Yr Mean	1.001	1.001	1.001	1.000	1.000 @	1.000 @	1.000 @	1.000 @
Best 3/5	1.000	1.001	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
6/30/2016					0.995	0.994	0.996	0.999	0.999	1.000	1.000
6/30/2017				1.004	0.995	0.994	0.996	0.999	0.999	1.000	1.000
6/30/2018			1.065	1.004	0.995	0.994	0.996	0.999	0.999	1.000	1.000
6/30/2019		1.198	1.065	1.004	0.995	0.994	0.996	0.999	0.999	1.000	1.000
6/30/2020	1.424	1.198	1.065	1.004	0.995	0.994	0.996	0.999	0.999	1.000	1.000

A.Y.E.	147/159	159/171	171/183	183/195	195/207	207/219	219/231	231/243	243/Ult	FACTORS
6/30/2016	1.000	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000*	0.984
6/30/2017	1.000	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000*	0.988
6/30/2018	1.000	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000*	1.052
6/30/2019	1.000	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000*	1.261
6/30/2020	1.000	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000*	1.795

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

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

\$100,000 Basic Limit Losses as of:

A.Y.E.	15 Months	27 Months	39 Months	51 Months	63 Months	75 Months	87 Months	99 Months	111 Months	123 Months	135 Months
6/30/2001	12,135,349	15,969,530	18,953,419	18,696,580	18,684,171	19,220,788	19,275,823	19,200,225	19,246,166	19,158,759	19,258,758
6/30/2002	11,524,038	16,880,235	16,503,165	16,860,562	17,678,874	17,307,495	17,501,383	17,233,128	17,399,653	17,309,440	17,309,439
6/30/2003	16,780,283	18,432,101	20,778,257	21,852,692	22,239,549	21,685,591	21,316,010	21,155,532	21,082,189	21,143,730	21,234,451
6/30/2004	17,760,451	25,498,266	23,926,805	25,901,501	24,769,870	24,112,977	23,381,105	23,263,358	23,092,632	23,254,166	23,286,039
6/30/2005	15,603,327	24,746,490	24,843,580	22,808,296	21,240,592	20,464,151	20,052,004	19,852,570	19,847,570	19,731,596	19,731,593
6/30/2006	15,330,931	18,855,878	21,328,280	21,080,145	20,593,167	20,656,909	20,842,102	20,807,212	21,024,610	20,946,404	20,916,404
6/30/2007	15,536,810	20,710,638	23,906,559	24,521,843	23,835,517	23,159,657	22,878,189	22,985,731	22,975,527	22,976,026	22,931,026
6/30/2008	17,840,817	22,078,008	24,769,300	24,823,181	24,565,963	24,023,877	24,083,748	23,994,031	23,845,696	23,835,510	23,755,223
6/30/2009	16,804,627	20,603,742	21,239,089	23,042,133	22,405,106	22,085,157	22,111,385	21,964,549	21,999,771	21,968,917	21,966,012
6/30/2010	13,187,650	13,676,062	16,357,774	16,944,041	17,561,181	17,149,857	17,208,463	17,073,479	17,001,226	17,112,573	17,070,903
6/30/2011	11,573,324	15,495,294	17,315,505	18,069,213	18,014,165	17,760,209	17,805,341	17,605,476	17,607,743	17,583,316	
6/30/2012	11,401,112	14,549,692	16,439,733	16,670,433	16,881,381	16,640,741	16,780,118	17,154,554	16,939,220		
6/30/2013	11,505,453	14,886,733	16,183,776	16,860,156	17,298,447	17,138,869	17,128,799	16,826,385			
6/30/2014	14,619,911	17,327,117	19,804,815	21,100,676	21,643,177	21,830,406	21,965,799				
6/30/2015	13,860,012	18,629,432	23,004,075	25,261,565	25,560,750	25,438,454					
6/30/2016	15,619,313	20,601,444	25,073,935	26,091,633	25,948,677						
6/30/2017	14,080,837	21,338,329	28,194,326	29,204,066							
6/30/2018	16,622,176	25,984,324	31,022,546								
6/30/2019	18,540,174	26,134,396									
6/30/2020	18,304,619										
A.Y.E.	147 Months	159 Months	171 Months	183 Months	195 Months	207 Months	219 Months	231 Months	243 Months		
6/30/2001	19,243,758	19,248,759	19,248,758	19,148,758	19,148,758	19,248,758	19,248,760	19,249,758	19,249,758		
6/30/2002	17,359,438	17,514,937	17,501,398	17,726,557	17,770,963	17,771,248	17,771,248	17,771,248			
6/30/2003	21,135,502	21,136,634	21,129,941	21,129,941	21,145,941	21,145,941	21,145,941				
6/30/2004	23,262,229	23,284,730	23,334,729	23,334,729	23,334,729	23,316,777					
6/30/2005	19,736,593	19,731,593	19,731,593	19,788,038	19,788,038						
6/30/2006	20,916,404	20,916,404	20,916,404	20,918,933							
6/30/2007	22,813,856	22,813,956	22,813,958								
6/30/2008	23,755,123	23,771,906									
6/30/2009	21,966,012										

PREMISES/OPERATIONS (Subline Code 334)

OWNERS, LANDLORDS AND TENANTS

DEDUCTIBLE

MULTISTATE

BODILY INJURY - OCCURRENCE

INCURRED ACCIDENT YEAR BASIC LIMITS LOSS DEVELOPMENT EXCLUDING ALAE

Link Ratios

A.Y.E.	27: 15	39: 27	51: 39	63: 51	75: 63	87: 75	99: 87	111: 99	123:111	135:123	147:135
6/30/2001	1.316	1.187	0.986	0.999	1.029	1.003	0.996	1.002	0.995	1.005	0.999
6/30/2002	1.465	0.978	1.022	1.049	0.979	1.011	0.985	1.010	0.995	1.000	1.003
6/30/2003	1.098	1.127	1.052	1.018	0.975	0.983	0.992	0.997	1.003	1.004	0.995
6/30/2004	1.436	0.938	1.083	0.956	0.973	0.970	0.995	0.993	1.007	1.001	0.999
6/30/2005	1.586	1.004	0.918	0.931	0.963	0.980	0.990	1.000	0.994	1.000	1.000
6/30/2006	1.230	1.131	0.988	0.977	1.003	1.009	0.998	1.010	0.996	0.999	1.000
6/30/2007	1.333	1.154	1.026	0.972	0.972	0.988	1.005	1.000	1.000	0.998	0.995
6/30/2008	1.237	1.122	1.002	0.990	0.978	1.002	0.996	0.994	1.000	0.997	1.000
6/30/2009	1.226	1.031	1.085	0.972	0.986	1.001	0.993	1.002	0.999	1.000	1.000
6/30/2010	1.037	1.196	1.036	1.036	0.977	1.003	0.992	0.996	1.007	0.998	
6/30/2011	1.339	1.117	1.044	0.997	0.986	1.003	0.989	1.000	0.999		
6/30/2012	1.276	1.130	1.014	1.013	0.986	1.008	1.022	0.987			
6/30/2013	1.294	1.087	1.042	1.026	0.991	0.999	0.982				
6/30/2014	1.185	1.143	1.065	1.026	1.009	1.006					
6/30/2015	1.344	1.235	1.098	1.012	0.995						
6/30/2016	1.319	1.217	1.041	0.995							
6/30/2017	1.515	1.321	1.036								
6/30/2018	1.563	1.194									
6/30/2019	1.410										
3 Yr Mean	1.496	1.244	1.058	1.011	0.998	1.004	0.998	0.994	1.002	0.998	0.998
Best 3/5	1.423	1.215	1.049	1.017	0.991	1.004	0.991	0.997	1.000	0.998	1.000

A.Y.E.	159:147	171:159	183:171	195:183	207:195	219:207	231:219	243:231
6/30/2001	1.000	1.000	0.995	1.000	1.005	1.000	1.000	1.000
6/30/2002	1.009	0.999	1.013	1.003	1.000	1.000	1.000	1.000 *
6/30/2003	1.000	1.000	1.000	1.001	1.000	1.000	1.000 *	1.000 *
6/30/2004	1.001	1.002	1.000	1.000	0.999	1.000 *	1.000 *	1.000 *
6/30/2005	1.000	1.000	1.003	1.000	1.000 *	1.000 *	1.000 *	1.000 *
6/30/2006	1.000	1.000	1.000					
6/30/2007	1.000	1.000						
6/30/2008	1.001							
3 Yr Mean	1.000	1.000	1.001	1.000	1.000 @	1.000 @	1.000 @	1.000 @
Best 3/5	1.000	1.000	1.001	1.000	1.000 *	1.000 *	1.000 *	1.000 *

A.Y.E.	15/ 27	27/ 39	39/ 51	51/ 63	63/ 75	75/ 87	87/ 99	99/111	111/123	123/135	135/147
6/30/2016					0.991	1.004	0.991	0.997	1.000	0.998	1.000
6/30/2017				1.017	0.991	1.004	0.991	0.997	1.000	0.998	1.000
6/30/2018			1.049	1.017	0.991	1.004	0.991	0.997	1.000	0.998	1.000
6/30/2019		1.215	1.049	1.017	0.991	1.004	0.991	0.997	1.000	0.998	1.000
6/30/2020	1.423	1.215	1.049	1.017	0.991	1.004	0.991	0.997	1.000	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
6/30/2016	1.000	1.000	1.001	1.000	1.000	1.000	1.000	1.000	1.000*	0.982
6/30/2017	1.000	1.000	1.001	1.000	1.000	1.000	1.000	1.000	1.000*	0.999
6/30/2018	1.000	1.000	1.001	1.000	1.000	1.000	1.000	1.000	1.000*	1.048
6/30/2019	1.000	1.000	1.001	1.000	1.000	1.000	1.000	1.000	1.000*	1.273
6/30/2020	1.000	1.000	1.001	1.000	1.000	1.000	1.000	1.000	1.000*	1.811

* 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

A.Y.E.	15 Months	27 Months	39 Months	51 Months	63 Months	75 Months	87 Months	99 Months	111 Months	123 Months	135 Months
6/30/2001	34,672,646	60,247,248	87,951,491	105,219,933	117,232,685	127,757,326	130,619,726	132,607,838	133,823,472	136,359,672	137,768,354
6/30/2002	32,307,827	54,309,544	89,626,529	109,335,973	128,949,925	133,778,616	138,892,387	141,007,060	141,396,356	142,833,648	142,638,986
6/30/2003	32,921,770	63,848,368	99,791,097	131,236,707	145,896,018	150,357,193	153,874,009	155,286,773	156,990,802	158,410,567	158,495,459
6/30/2004	31,534,847	64,218,922	104,502,247	130,224,151	139,335,687	145,350,363	147,523,928	149,049,465	149,788,440	150,957,543	151,847,247
6/30/2005	30,299,490	63,839,803	102,958,826	129,485,350	142,556,985	147,966,237	151,195,230	153,235,812	154,489,505	156,003,911	156,614,556
6/30/2006	24,840,739	63,354,136	101,323,759	129,633,439	141,172,041	148,393,073	151,254,266	151,939,389	153,523,921	154,826,890	155,367,428
6/30/2007	26,539,226	67,970,138	108,062,908	139,940,826	154,177,927	160,326,824	162,893,622	164,178,285	167,266,454	168,078,750	168,693,613
6/30/2008	25,918,032	66,404,767	119,363,524	155,653,875	173,376,597	181,846,866	185,978,460	188,431,225	189,377,380	188,919,866	189,555,106
6/30/2009	32,539,830	75,378,293	123,658,704	165,353,816	180,986,207	189,119,862	193,275,377	196,614,186	198,542,970	198,976,320	205,224,014
6/30/2010	38,051,940	82,869,261	141,566,979	173,995,935	191,399,748	201,034,281	204,507,834	205,954,049	208,981,165	210,105,961	211,196,491
6/30/2011	44,568,386	98,163,738	159,793,238	200,471,995	218,936,071	227,316,780	231,347,792	232,655,909	232,484,028	233,814,659	
6/30/2012	39,078,532	85,865,774	143,398,135	182,684,946	204,096,287	213,462,747	218,274,395	220,581,642	221,069,791		
6/30/2013	39,777,020	90,024,546	144,250,028	187,251,094	209,643,280	217,520,533	220,457,329	222,198,129			
6/30/2014	47,546,622	105,052,227	172,079,613	222,176,643	245,267,579	258,400,497	264,478,453				
6/30/2015	42,067,539	98,734,987	166,459,074	213,796,917	235,938,447	243,984,324					
6/30/2016	42,391,092	102,247,555	169,993,067	215,327,295	235,285,391						
6/30/2017	42,862,910	96,597,669	164,820,097	208,521,382							
6/30/2018	45,939,163	106,720,677	178,132,668								
6/30/2019	42,200,992	97,735,629									
6/30/2020	32,485,455										

A.Y.E.	147 Months	159 Months	171 Months	183 Months	195 Months	207 Months	219 Months	231 Months	243 Months
6/30/2001	137,611,991	138,517,823	139,732,335	141,302,533	141,737,199	141,635,622	141,620,592	142,304,135	142,512,722
6/30/2002	143,026,883	144,452,872	144,810,170	145,464,048	145,586,815	145,894,858	145,989,094	146,207,825	
6/30/2003	159,503,331	160,013,153	160,523,443	160,420,551	160,835,895	160,788,901	161,060,677		
6/30/2004	152,490,659	153,323,602	153,669,774	154,327,611	154,114,096	154,354,242			
6/30/2005	156,430,457	156,833,507	158,490,147	160,279,182	161,703,911				
6/30/2006	156,181,204	156,265,043	156,601,892	156,910,974					
6/30/2007	168,542,236	168,785,970	168,993,009						
6/30/2008	189,931,411	190,601,959							
6/30/2009	205,673,075								

PREMISES/OPERATIONS (Subline Code 334)
 OWNERS, LANDLORDS AND TENANTS
 FULL COVERAGE
 MULTISTATE
 BODILY INJURY - OCCURRENCE
 INCURRED ACCIDENT YEAR INCREMENTAL 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
6/30/2001	25,574,602	27,704,243	17,268,442	12,012,752	10,524,641	2,862,400	1,988,112	1,215,634	2,536,200	1,408,682	-156,363	905,832	1,214,512
6/30/2002	22,001,717	35,316,985	19,709,444	19,613,952	4,828,691	5,113,771	2,114,673	389,296	1,437,292	-194,662	387,897	1,425,989	357,298
6/30/2003	30,926,598	35,942,729	31,445,610	14,659,311	4,461,175	3,516,816	1,412,764	1,704,029	1,419,765	84,892	1,007,872	509,822	510,290
6/30/2004	32,684,075	40,283,325	25,721,904	9,111,536	6,014,676	2,173,565	1,525,537	738,975	1,169,103	889,704	643,412	832,943	346,172
6/30/2005	33,540,313	39,119,023	26,526,524	13,071,635	5,409,252	3,228,993	2,040,582	1,253,693	1,514,406	610,645	-184,099	403,050	1,656,640
6/30/2006	38,513,397	37,969,623	28,309,680	11,538,602	7,221,032	2,861,193	685,123	1,584,532	1,302,969	540,538	813,776	83,839	336,849
6/30/2007	41,430,912	40,092,770	31,877,918	14,237,101	6,148,897	2,566,798	1,284,663	3,088,169	812,296	614,863	-151,377	243,734	207,039
6/30/2008	40,486,735	52,958,757	36,290,351	17,722,722	8,470,269	4,131,594	2,452,765	946,155	-457,514	635,240	376,305	670,548	
6/30/2009	42,838,463	48,280,411	41,695,112	15,632,391	8,133,655	4,155,515	3,338,809	1,928,784	433,350	6,247,694	449,061		
6/30/2010	44,817,321	58,697,718	32,428,956	17,403,813	9,634,533	3,473,553	1,446,215	3,027,116	1,124,796	1,090,530			
6/30/2011	53,595,352	61,629,500	40,678,757	18,464,076	8,380,709	4,031,012	1,308,117	-171,881	1,330,631				
6/30/2012	46,787,242	57,532,361	39,286,811	21,411,341	9,366,460	4,811,648	2,307,247	488,149					
6/30/2013	50,247,526	54,225,482	43,001,066	22,392,186	7,877,253	2,936,796	1,740,800						
6/30/2014	57,505,605	67,027,386	50,097,030	23,090,936	13,132,918	6,077,956							
6/30/2015	56,667,448	67,724,087	47,337,843	22,141,530	8,045,877								
6/30/2016	59,856,463	67,745,512	45,334,228	19,958,096									
6/30/2017	53,734,759	68,222,428	43,701,285										
6/30/2018	60,781,514	71,411,991											
6/30/2019	55,534,637												

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
6/30/2001	0.0530	0.0574	0.0358	0.0249	0.0218	0.0059	0.0041	0.0025	0.0053	0.0029	-0.0003	0.0019	0.0025
6/30/2002	0.0475	0.0762	0.0425	0.0423	0.0104	0.0110	0.0046	0.0008	0.0031	-0.0004	0.0008	0.0031	0.0008
6/30/2003	0.0617	0.0718	0.0628	0.0293	0.0089	0.0070	0.0028	0.0034	0.0028	0.0002	0.0020	0.0010	0.0010
6/30/2004	0.0643	0.0792	0.0506	0.0179	0.0118	0.0043	0.0030	0.0015	0.0023	0.0017	0.0013	0.0016	0.0007
6/30/2005	0.0674	0.0787	0.0533	0.0263	0.0109	0.0065	0.0041	0.0025	0.0030	0.0012	-0.0004	0.0008	0.0033
6/30/2006	0.0753	0.0742	0.0554	0.0226	0.0141	0.0056	0.0013	0.0031	0.0025	0.0011	0.0016	0.0002	0.0007
6/30/2007	0.0748	0.0724	0.0575	0.0257	0.0111	0.0046	0.0023	0.0056	0.0015	0.0011	-0.0003	0.0004	0.0004
6/30/2008	0.0681	0.0891	0.0610	0.0298	0.0142	0.0069	0.0041	0.0016	-0.0008	0.0011	0.0006	0.0011	
6/30/2009	0.0698	0.0787	0.0679	0.0255	0.0133	0.0068	0.0054	0.0031	0.0007	0.0102	0.0007		
6/30/2010	0.0667	0.0874	0.0483	0.0259	0.0143	0.0052	0.0022	0.0045	0.0017	0.0016			
6/30/2011	0.0740	0.0851	0.0562	0.0255	0.0116	0.0056	0.0018	-0.0002	0.0018				
6/30/2012	0.0701	0.0862	0.0588	0.0321	0.0140	0.0072	0.0035	0.0007					
6/30/2013	0.0754	0.0814	0.0645	0.0336	0.0118	0.0044	0.0026						
6/30/2014	0.0713	0.0832	0.0622	0.0286	0.0163	0.0075							
6/30/2015	0.0697	0.0833	0.0582	0.0272	0.0099								
6/30/2016	0.0723	0.0818	0.0548	0.0241									
6/30/2017	0.0605	0.0768	0.0492										
6/30/2018	0.0606	0.0712											
6/30/2019	0.0569												

Best 3/5	0.0636	0.0806	0.0584	0.0293	0.0125	0.0060	0.0027	0.0018	0.0013	0.0013	0.0004	0.0008	0.0008
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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:

A.Y.E.	15 Months	27 Months	39 Months	51 Months	63 Months	75 Months	87 Months	99 Months	111 Months	123 Months	135 Months
6/30/2001	37,784,048	37,550,360	42,718,341	43,085,286	43,504,448	43,295,916	43,769,737	43,919,920	44,160,880	44,686,722	45,094,612
6/30/2002	30,178,360	35,299,111	36,430,150	37,792,161	38,214,780	38,854,999	39,615,871	39,885,567	40,332,073	40,483,477	40,805,473
6/30/2003	31,778,706	33,798,744	36,196,632	35,942,924	38,485,028	38,648,946	38,628,945	38,946,447	38,563,873	39,006,218	39,259,089
6/30/2004	29,171,280	33,269,025	34,425,386	35,769,330	37,576,318	37,877,539	37,732,758	37,833,716	37,932,155	38,140,820	38,330,277
6/30/2005	28,532,105	30,141,076	33,423,258	34,191,463	34,569,787	34,879,927	34,984,389	35,248,900	35,588,210	36,078,703	35,936,116
6/30/2006	27,123,559	29,376,824	31,129,766	31,730,595	32,196,925	33,010,373	33,328,163	33,430,508	33,671,322	33,498,326	33,474,252
6/30/2007	28,311,974	31,384,380	33,606,376	34,047,633	34,821,643	34,943,824	35,244,821	35,666,607	36,406,297	36,334,235	36,432,925
6/30/2008	33,074,748	36,520,028	37,983,097	38,011,954	38,608,224	39,394,718	39,722,778	39,660,004	39,866,932	40,246,614	40,202,455
6/30/2009	36,094,653	37,248,889	39,165,290	39,485,652	39,556,138	40,020,138	39,865,602	39,873,561	40,119,651	40,471,792	40,613,847
6/30/2010	35,745,687	40,333,407	42,174,915	43,039,795	43,818,362	43,862,095	43,828,822	43,833,795	44,106,320	44,118,035	44,236,095
6/30/2011	42,510,872	46,252,503	47,066,231	47,463,408	47,559,314	47,935,291	48,251,209	48,740,094	48,634,174	48,821,702	
6/30/2012	41,610,162	44,804,193	46,814,168	47,239,269	47,699,667	47,713,619	48,362,991	48,438,563	48,405,891		
6/30/2013	38,565,856	42,587,841	44,115,508	45,908,598	46,324,442	47,005,209	47,868,996	47,920,892			
6/30/2014	45,297,661	47,929,984	49,580,292	51,614,828	51,747,995	52,056,233	52,230,508				
6/30/2015	43,309,788	47,176,986	48,749,068	51,754,236	53,565,775	53,474,516					
6/30/2016	36,366,294	42,135,997	46,979,127	47,329,641	48,659,983						
6/30/2017	40,193,349	45,598,493	49,496,669	51,863,431							
6/30/2018	40,974,126	51,112,949	55,770,043								
6/30/2019	44,538,471	51,908,959									
6/30/2020	38,660,484										
A.Y.E.	147 Months	159 Months	171 Months	183 Months	195 Months	207 Months	219 Months	231 Months	243 Months		
6/30/2001	45,125,816	45,318,587	45,432,241	45,405,916	45,532,021	45,606,018	45,597,775	45,684,176	45,684,766		
6/30/2002	41,066,433	40,922,599	40,843,276	41,172,219	41,215,365	41,422,800	41,392,340	41,553,937			
6/30/2003	39,276,720	39,330,637	39,333,650	39,449,657	39,465,907	39,645,730	39,564,911				
6/30/2004	38,635,478	38,664,545	38,714,951	38,741,154	38,823,823	38,909,837					
6/30/2005	35,795,155	35,851,612	35,754,191	35,661,831	35,723,232						
6/30/2006	33,559,331	33,448,216	33,500,406	33,596,037							
6/30/2007	36,287,770	36,249,054	36,281,992								
6/30/2008	40,216,542	40,182,965									
6/30/2009	41,082,424										

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
6/30/2001	0.994	1.138	1.009	1.010	0.995	1.011	1.003	1.005	1.012	1.009	1.001
6/30/2002	1.170	1.032	1.037	1.011	1.017	1.020	1.007	1.011	1.004	1.008	1.006
6/30/2003	1.064	1.071	0.993	1.071	1.004	0.999	1.008	0.990	1.011	1.006	1.000
6/30/2004	1.140	1.035	1.039	1.051	1.008	0.996	1.003	1.003	1.006	1.005	1.008
6/30/2005	1.056	1.109	1.023	1.011	1.009	1.003	1.008	1.010	1.014	0.996	0.996
6/30/2006	1.083	1.060	1.019	1.015	1.025	1.010	1.003	1.007	0.995	0.999	1.003
6/30/2007	1.109	1.071	1.013	1.023	1.004	1.009	1.012	1.021	0.998	1.003	0.996
6/30/2008	1.104	1.040	1.001	1.016	1.020	1.008	0.998	1.005	1.010	0.999	1.000
6/30/2009	1.032	1.051	1.008	1.002	1.012	0.996	1.000	1.006	1.009	1.004	1.012
6/30/2010	1.128	1.046	1.021	1.018	1.001	0.999	1.000	1.006	1.000	1.003	
6/30/2011	1.088	1.018	1.008	1.002	1.008	1.007	1.010	0.998	1.004		
6/30/2012	1.077	1.045	1.009	1.010	1.000	1.014	1.002	0.999			
6/30/2013	1.104	1.036	1.041	1.009	1.015	1.018	1.001				
6/30/2014	1.058	1.034	1.041	1.003	1.006	1.003					
6/30/2015	1.089	1.033	1.062	1.035	0.998						
6/30/2016	1.159	1.115	1.007	1.028							
6/30/2017	1.134	1.085	1.048								
6/30/2018	1.247	1.091									
6/30/2019	1.165										
3 Yr Mean	1.182	1.097	1.039	1.022	1.006	1.012	1.004	1.001	1.004	1.002	1.003
Best 3/5	1.153	1.070	1.043	1.016	1.005	1.008	1.001	1.003	1.004	1.002	1.000

A.Y.E.	159:147	171:159	183:171	195:183	207:195	219:207	231:219	243:231
6/30/2001	1.004	1.003	0.999	1.003	1.002	1.000	1.002	1.000
6/30/2002	0.996	0.998	1.008	1.001	1.005	0.999	1.004	1.001 *
6/30/2003	1.001	1.000	1.003	1.000	1.005	0.998	1.000 *	1.001 *
6/30/2004	1.001	1.001	1.001	1.002	1.002	1.003 *	1.000 *	1.001 *
6/30/2005	1.002	0.997	0.997	1.002	1.002 *	1.003 *	1.000 *	1.001 *
6/30/2006	0.997	1.002	1.003					
6/30/2007	0.999	1.001						
6/30/2008	0.999							

3 Yr Mean	0.998	1.000	1.000	1.001	1.004 @	0.999 @	1.003 @	1.000 @
Best 3/5	1.000	1.001	1.002	1.002	1.003 *	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
6/30/2016					1.005	1.008	1.001	1.003	1.004	1.002	1.000
6/30/2017				1.016	1.005	1.008	1.001	1.003	1.004	1.002	1.000
6/30/2018			1.043	1.016	1.005	1.008	1.001	1.003	1.004	1.002	1.000
6/30/2019		1.070	1.043	1.016	1.005	1.008	1.001	1.003	1.004	1.002	1.000
6/30/2020	1.153	1.070	1.043	1.016	1.005	1.008	1.001	1.003	1.004	1.002	1.000

A.Y.E.	147/159	159/171	171/183	183/195	195/207	207/219	219/231	231/243	243/Ult	FACTORS
6/30/2016	1.000	1.001	1.002	1.002	1.003	1.001	1.001	1.001	1.004*	1.039
6/30/2017	1.000	1.001	1.002	1.002	1.003	1.001	1.001	1.001	1.004*	1.055
6/30/2018	1.000	1.001	1.002	1.002	1.003	1.001	1.001	1.001	1.004*	1.101
6/30/2019	1.000	1.001	1.002	1.002	1.003	1.001	1.001	1.001	1.004*	1.178
6/30/2020	1.000	1.001	1.002	1.002	1.003	1.001	1.001	1.001	1.004*	1.358

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

PREMISES/OPERATIONS (Subline Code 334)
 OWNERS, LANDLORDS AND TENANTS
 DEDUCTIBLE
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 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
6/30/2001	2,035,037	2,279,545	2,603,935	2,768,288	2,764,893	2,845,107	2,978,537	2,745,185	2,892,083	2,917,028	2,976,393
6/30/2002	1,629,551	1,910,256	1,980,618	1,993,758	2,098,967	2,219,537	2,155,521	2,088,093	2,193,592	2,193,593	2,200,093
6/30/2003	1,704,067	1,751,683	1,816,373	1,973,401	1,992,019	1,875,473	1,880,100	1,935,815	1,953,432	1,950,582	1,951,582
6/30/2004	2,248,733	2,384,378	2,677,258	3,053,113	3,217,624	3,198,410	3,110,632	3,203,649	3,145,649	3,213,219	3,212,340
6/30/2005	2,337,323	2,349,060	2,283,481	2,670,381	2,613,976	2,784,998	2,630,016	2,749,058	2,710,559	2,721,847	2,717,847
6/30/2006	1,751,357	2,009,842	2,271,715	2,212,719	2,271,702	2,404,801	2,516,500	2,529,597	2,517,556	2,519,779	2,450,413
6/30/2007	1,749,264	2,271,600	2,802,057	2,618,142	2,603,831	2,438,642	2,408,278	2,433,256	2,531,257	2,531,256	2,531,256
6/30/2008	1,483,524	1,895,416	1,453,660	1,508,256	1,447,971	1,480,001	1,458,190	1,450,990	1,452,990	1,453,092	1,474,301
6/30/2009	2,726,358	2,087,021	2,416,032	2,264,497	2,291,958	2,235,384	2,338,306	2,255,885	2,255,884	2,255,884	2,260,884
6/30/2010	1,761,937	1,771,532	1,725,682	1,824,373	1,922,703	1,965,703	2,016,698	1,965,698	2,064,703	1,960,057	1,959,694
6/30/2011	1,583,126	1,732,573	1,993,456	1,886,872	2,007,358	2,022,072	1,993,981	2,014,980	1,989,980	1,989,980	
6/30/2012	1,171,517	1,497,834	1,649,949	1,939,755	1,919,994	2,334,352	2,360,206	2,244,524	2,142,568		
6/30/2013	1,744,209	1,806,368	1,877,355	1,865,509	2,082,641	2,049,141	2,049,130	1,965,880			
6/30/2014	1,886,273	1,889,191	1,688,742	1,836,708	1,929,058	1,869,812	1,989,611				
6/30/2015	2,468,399	2,601,376	2,420,957	2,712,018	2,517,972	2,638,176					
6/30/2016	1,924,007	2,205,714	2,586,706	2,836,264	3,249,814						
6/30/2017	2,100,482	2,436,249	2,635,835	2,763,987							
6/30/2018	2,859,110	3,556,976	3,872,607								
6/30/2019	2,809,210	3,124,585									
6/30/2020	2,797,311										
A.Y.E.	147 Months	159 Months	171 Months	183 Months	195 Months	207 Months	219 Months	231 Months	243 Months		
6/30/2001	2,971,768	2,972,077	2,822,077	2,847,078	2,872,078	2,961,540	2,961,540	2,971,540	2,971,540		
6/30/2002	2,205,092	2,233,093	2,225,092	2,225,092	2,325,092	2,325,092	2,330,092	2,328,043			
6/30/2003	1,960,082	1,960,082	2,060,082	2,260,082	2,353,413	2,358,191	2,357,191				
6/30/2004	3,313,219	3,315,095	3,322,995	3,313,483	3,313,383	3,313,383					
6/30/2005	2,722,068	2,717,854	2,717,854	2,723,882	2,723,882						
6/30/2006	2,454,178	2,549,368	2,558,515	2,553,103							
6/30/2007	2,531,257	2,616,627	2,615,521								
6/30/2008	1,469,301	1,463,455									
6/30/2009	2,263,091										

PREMISES/OPERATIONS (Subline Code 334)
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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
6/30/2001	1.120	1.142	1.063	0.999	1.029	1.047	0.922	1.054	1.009	1.020	0.998
6/30/2002	1.172	1.037	1.007	1.053	1.057	0.971	0.969	1.051	1.000	1.003	1.002
6/30/2003	1.028	1.037	1.086	1.009	0.941	1.002	1.030	1.009	0.999	1.001	1.004
6/30/2004	1.060	1.123	1.140	1.054	0.994	0.973	1.030	0.982	1.021	1.000	1.031
6/30/2005	1.005	0.972	1.169	0.979	1.065	0.944	1.045	0.986	1.004	0.999	1.002
6/30/2006	1.148	1.130	0.974	1.027	1.059	1.046	1.005	0.995	1.001	0.972	1.002
6/30/2007	1.299	1.234	0.934	0.995	0.937	0.988	1.010	1.040	1.000	1.000	1.000
6/30/2008	1.278	0.767	1.038	0.960	1.022	0.985	0.995	1.001	1.000	1.015	0.997
6/30/2009	0.765	1.158	0.937	1.012	0.975	1.046	0.965	1.000	1.000	1.002	1.001
6/30/2010	1.005	0.974	1.057	1.054	1.022	1.026	0.975	1.050	0.949	1.000	
6/30/2011	1.094	1.151	0.947	1.064	1.007	0.986	1.011	0.988	1.000		
6/30/2012	1.279	1.102	1.176	0.990	1.216	1.011	0.951	0.955			
6/30/2013	1.036	1.039	0.994	1.116	0.984	1.000	0.959				
6/30/2014	1.002	0.894	1.088	1.050	0.969	1.064					
6/30/2015	1.054	0.931	1.120	0.928	1.048						
6/30/2016	1.146	1.173	1.096	1.146							
6/30/2017	1.160	1.082	1.049								
6/30/2018	1.244	1.089									
6/30/2019	1.112										
3 Yr Mean	1.172	1.115	1.088	1.041	1.000	1.025	0.974	0.998	0.983	1.006	0.999
Best 3/5	1.139	1.034	1.078	1.052	1.013	1.012	0.966	0.996	1.000	1.001	1.001

A.Y.E.	159:147	171:159	183:171	195:183	207:195	219:207	231:219	243:231
6/30/2001	1.000	0.950	1.009	1.009	1.031	1.000	1.003	1.000
6/30/2002	1.013	0.996	1.000	1.045	1.000	1.002	0.999	1.000 *
6/30/2003	1.000	1.051	1.097	1.041	1.002	1.000	1.000 *	1.000 *
6/30/2004	1.001	1.002	0.997	1.000	1.000	1.002 *	1.000 *	1.000 *
6/30/2005	0.998	1.000	1.002	1.000	1.017 *	1.002 *	1.000 *	1.000 *
6/30/2006	1.039	1.004	0.998					
6/30/2007	1.034	1.000						
6/30/2008	0.996							

3 Yr Mean	1.023	1.001	0.999	1.014	1.001 @	1.001 @	1.001 @	1.000 @
Best 3/5	1.011	1.002	1.000	1.017	1.006 *	1.001 *	1.000 *	1.000 *

Development From

A.Y.E.	15/ 27	27/ 39	39/ 51	51/ 63	63/ 75	75/ 87	87/ 99	99/111	111/123	123/135	135/147
6/30/2016					1.013	1.012	0.966	0.996	1.000	1.001	1.001
6/30/2017				1.052	1.013	1.012	0.966	0.996	1.000	1.001	1.001
6/30/2018			1.078	1.052	1.013	1.012	0.966	0.996	1.000	1.001	1.001
6/30/2019		1.034	1.078	1.052	1.013	1.012	0.966	0.996	1.000	1.001	1.001
6/30/2020	1.139	1.034	1.078	1.052	1.013	1.012	0.966	0.996	1.000	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
6/30/2016	1.011	1.002	1.000	1.017	1.006	1.001	1.000	1.000	1.000*	1.025
6/30/2017	1.011	1.002	1.000	1.017	1.006	1.001	1.000	1.000	1.000*	1.079
6/30/2018	1.011	1.002	1.000	1.017	1.006	1.001	1.000	1.000	1.000*	1.163
6/30/2019	1.011	1.002	1.000	1.017	1.006	1.001	1.000	1.000	1.000*	1.202
6/30/2020	1.011	1.002	1.000	1.017	1.006	1.001	1.000	1.000	1.000*	1.369

* 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>
6/30/2001	5,733,308	10,451,696	17,091,777	19,963,743	24,183,065	28,033,517	31,379,706	34,882,745	36,072,821	35,894,316	35,744,316
6/30/2002	3,624,518	8,180,311	10,487,976	15,497,654	19,745,770	27,464,486	31,093,744	34,544,748	36,537,211	37,203,156	38,154,290
6/30/2003	3,423,721	6,865,536	10,850,744	14,928,769	18,447,903	19,988,542	21,453,605	22,195,415	22,577,510	23,011,155	23,186,025
6/30/2004	3,311,557	7,107,845	11,387,801	15,169,258	19,149,364	22,180,584	24,242,810	24,976,112	26,356,232	27,205,949	27,225,818
6/30/2005	3,701,412	7,271,340	12,790,993	16,300,442	19,072,717	20,956,535	21,905,731	22,687,318	23,601,202	25,376,783	25,642,273
6/30/2006	2,598,191	6,243,105	10,329,034	14,040,611	15,743,524	19,365,642	21,578,166	22,296,429	22,453,022	22,845,879	25,903,470
6/30/2007	3,436,344	8,725,504	13,213,744	18,022,102	20,098,602	22,231,252	24,823,095	25,356,790	27,203,796	27,573,732	27,850,597
6/30/2008	4,366,689	8,882,851	14,431,717	19,052,066	23,377,516	25,831,759	26,723,852	27,849,191	28,993,511	29,896,173	30,917,910
6/30/2009	4,100,789	8,243,347	13,845,224	16,942,994	20,566,562	22,272,807	23,289,706	24,490,197	25,387,867	30,075,492	30,411,675
6/30/2010	4,769,494	10,113,567	15,959,222	20,854,803	24,418,316	26,537,079	29,082,695	30,118,922	30,910,114	31,079,996	31,676,473
6/30/2011	5,487,270	12,682,388	17,540,535	22,499,061	26,578,271	28,916,848	29,352,336	29,878,371	30,072,063	30,584,010	
6/30/2012	6,095,766	10,636,120	16,274,811	21,157,089	24,444,080	26,855,587	28,762,263	30,276,723	31,723,422		
6/30/2013	5,953,530	10,988,312	17,525,143	24,303,124	25,861,957	26,299,950	26,812,397	28,088,931			
6/30/2014	6,262,189	12,004,786	16,122,357	19,072,534	20,594,664	25,310,736	25,995,419				
6/30/2015	6,330,859	12,295,634	19,419,144	24,192,249	28,506,570	30,252,359					
6/30/2016	5,622,689	10,647,660	17,795,590	23,485,247	26,813,193						
6/30/2017	6,425,334	12,502,336	18,623,627	23,493,872							
6/30/2018	6,847,995	15,369,601	22,439,698								
6/30/2019	5,631,580	11,473,435									
6/30/2020	7,217,339										

<u>A.Y.E.</u>	<u>147 Months</u>	<u>159 Months</u>	<u>171 Months</u>	<u>183 Months</u>	<u>195 Months</u>	<u>207 Months</u>	<u>219 Months</u>	<u>231 Months</u>	<u>243 Months</u>
6/30/2001	36,165,049	36,358,192	36,343,494	36,365,657	36,389,212	36,424,681	36,415,141	36,434,447	36,439,688
6/30/2002	38,934,572	39,028,645	39,013,238	39,352,611	39,468,914	39,760,966	39,804,916	40,025,018	
6/30/2003	23,234,078	23,284,574	23,235,358	23,385,426	23,410,099	23,510,518	23,489,141		
6/30/2004	28,074,708	28,135,741	28,195,458	28,096,536	28,240,704	28,326,970			
6/30/2005	25,574,471	25,952,923	26,172,101	26,204,524	26,282,026				
6/30/2006	26,229,666	26,101,942	26,309,139	26,546,060					
6/30/2007	28,024,767	28,173,106	28,163,968						
6/30/2008	31,293,029	31,407,984							
6/30/2009	29,012,053								

PREMISES/OPERATIONS (Subline Code 334)
 OWNERS, LANDLORDS AND TENANTS
 FULL COVERAGE
 MULTISTATE
 PROPERTY DAMAGE - OCCURRENCE
 INCURRED ACCIDENT YEAR INCREMENTAL 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
6/30/2001	4,718,388	6,640,081	2,871,966	4,219,322	3,850,452	3,346,189	3,503,039	1,190,076	-178,505	-150,000	420,733	193,143	-14,698
6/30/2002	4,555,793	2,307,665	5,009,678	4,248,116	7,718,716	3,629,258	3,451,004	1,992,463	665,945	951,134	780,282	94,073	-15,407
6/30/2003	3,441,815	3,985,208	4,078,025	3,519,134	1,540,639	1,465,063	741,810	382,095	433,645	174,870	48,053	50,496	-49,216
6/30/2004	3,796,288	4,279,956	3,781,457	3,980,106	3,031,220	2,062,226	733,302	1,380,120	849,717	19,869	848,890	61,033	59,717
6/30/2005	3,569,928	5,519,653	3,509,449	2,772,275	1,883,818	949,196	781,587	913,884	1,775,581	265,490	-67,802	378,452	219,178
6/30/2006	3,644,914	4,085,929	3,711,577	1,702,913	3,622,118	2,212,524	718,263	156,593	392,857	3,057,591	326,196	-127,724	207,197
6/30/2007	5,289,160	4,488,240	4,808,358	2,076,500	2,132,650	2,591,843	533,695	1,847,006	369,936	276,865	174,170	148,339	-9,138
6/30/2008	4,516,162	5,548,866	4,620,349	4,325,450	2,454,243	892,093	1,125,339	1,144,320	902,662	1,021,737	375,119	114,955	
6/30/2009	4,142,558	5,601,877	3,097,770	3,623,568	1,706,245	1,016,899	1,200,491	897,670	4,687,625	336,183	-1,399,622		
6/30/2010	5,344,073	5,845,655	4,895,581	3,563,513	2,118,763	2,545,616	1,036,227	791,192	169,882	596,477			
6/30/2011	7,195,118	4,858,147	4,958,526	4,079,210	2,338,577	435,488	526,035	193,692	511,947				
6/30/2012	4,540,354	5,638,691	4,882,278	3,286,991	2,411,507	1,906,676	1,514,460	1,446,699					
6/30/2013	5,034,782	6,536,831	6,777,981	1,558,833	437,993	512,447	1,276,534						
6/30/2014	5,742,597	4,117,571	2,950,177	1,522,130	4,716,072	684,683							
6/30/2015	5,964,775	7,123,510	4,773,105	4,314,321	1,745,789								
6/30/2016	5,024,971	7,147,930	5,689,657	3,327,946									
6/30/2017	6,077,002	6,121,291	4,870,245										
6/30/2018	8,521,606	7,070,097											
6/30/2019	5,841,855												

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
6/30/2001	0.0790	0.1112	0.0481	0.0707	0.0645	0.0560	0.0587	0.0199	-0.0030	-0.0025	0.0070	0.0032	-0.0002
6/30/2002	0.0749	0.0380	0.0824	0.0699	0.1270	0.0597	0.0568	0.0328	0.0110	0.0156	0.0128	0.0015	-0.0003
6/30/2003	0.0643	0.0745	0.0762	0.0658	0.0288	0.0274	0.0139	0.0071	0.0081	0.0033	0.0009	0.0009	-0.0009
6/30/2004	0.0712	0.0803	0.0709	0.0746	0.0568	0.0387	0.0138	0.0259	0.0159	0.0004	0.0159	0.0011	0.0011
6/30/2005	0.0769	0.1189	0.0756	0.0597	0.0406	0.0205	0.0168	0.0197	0.0383	0.0057	-0.0015	0.0082	0.0047
6/30/2006	0.0843	0.0945	0.0859	0.0394	0.0838	0.0512	0.0166	0.0036	0.0091	0.0707	0.0075	-0.0030	0.0048
6/30/2007	0.1102	0.0935	0.1002	0.0433	0.0444	0.0540	0.0111	0.0385	0.0077	0.0058	0.0036	0.0031	-0.0002
6/30/2008	0.0861	0.1058	0.0881	0.0825	0.0468	0.0170	0.0215	0.0218	0.0172	0.0195	0.0072	0.0022	
6/30/2009	0.0756	0.1022	0.0565	0.0661	0.0311	0.0185	0.0219	0.0164	0.0855	0.0061	-0.0255		
6/30/2010	0.0907	0.0992	0.0831	0.0605	0.0360	0.0432	0.0176	0.0134	0.0029	0.0101			
6/30/2011	0.1039	0.0701	0.0716	0.0589	0.0338	0.0063	0.0076	0.0028	0.0074				
6/30/2012	0.0675	0.0839	0.0726	0.0489	0.0359	0.0284	0.0225	0.0215					
6/30/2013	0.0765	0.0993	0.1030	0.0237	0.0067	0.0078	0.0194						
6/30/2014	0.0759	0.0544	0.0390	0.0201	0.0623	0.0090							
6/30/2015	0.0782	0.0933	0.0625	0.0565	0.0229								
6/30/2016	0.0718	0.1021	0.0813	0.0476									
6/30/2017	0.0804	0.0809	0.0644										
6/30/2018	0.0983	0.0815											
6/30/2019	0.0700												

Best 3/5	0.0768	0.0853	0.0694	0.0400	0.0308	0.0151	0.0196	0.0171	0.0108	0.0119	0.0031	0.0021	0.0019
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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:

A.Y.E.	15 Months	27 Months	39 Months	51 Months	63 Months	75 Months	87 Months	99 Months	111 Months	123 Months	135 Months
6/30/2001	13,384,222	29,291,295	31,804,222	35,200,694	36,764,932	36,754,955	36,945,131	36,971,716	37,044,971	36,846,568	36,615,423
6/30/2002	15,362,374	18,769,289	22,220,371	24,840,331	22,848,106	22,260,520	22,147,459	21,931,392	22,103,294	22,157,418	22,014,620
6/30/2003	11,262,126	13,881,263	17,341,647	15,557,894	15,454,014	15,639,623	14,816,730	14,593,570	14,823,502	14,640,371	14,834,038
6/30/2004	16,609,979	21,795,855	18,793,534	19,370,204	18,891,303	18,450,597	18,491,447	18,397,448	18,408,488	18,635,145	18,604,800
6/30/2005	14,556,775	18,678,744	21,147,798	20,743,068	20,277,111	20,371,609	19,969,956	20,068,529	20,164,562	20,439,318	20,383,237
6/30/2006	19,338,620	23,494,620	24,388,910	23,604,773	22,930,689	22,829,033	22,541,523	22,640,052	22,433,115	22,254,267	22,269,268
6/30/2007	18,480,636	22,420,519	23,073,434	23,371,141	23,210,278	22,718,485	22,623,885	22,758,941	22,826,499	23,060,981	22,993,831
6/30/2008	17,053,908	18,816,847	18,686,506	18,660,126	18,649,920	18,798,492	19,101,109	19,301,002	19,253,467	19,277,640	19,169,300
6/30/2009	14,056,661	16,358,584	15,976,239	16,100,495	16,985,433	17,061,923	17,124,227	16,953,750	16,687,154	16,767,155	16,811,251
6/30/2010	12,079,749	15,408,822	16,260,567	16,119,763	16,506,925	16,284,120	16,051,315	15,995,201	16,119,687	16,452,615	16,302,476
6/30/2011	9,803,314	11,427,155	12,487,095	13,472,970	13,591,976	13,546,026	13,237,177	12,945,110	13,183,265	13,219,258	
6/30/2012	8,786,599	11,237,085	11,093,695	11,331,053	11,730,188	11,169,395	11,079,048	11,210,561	11,233,200		
6/30/2013	9,116,299	10,718,650	12,025,642	12,165,492	12,479,097	12,458,132	12,319,029	12,332,359			
6/30/2014	8,317,166	11,249,546	14,333,011	14,406,327	14,689,614	14,886,158	14,870,036				
6/30/2015	8,862,808	11,368,286	14,799,956	16,763,496	17,581,545	17,535,141					
6/30/2016	10,179,377	13,089,628	16,688,746	16,916,114	16,734,299						
6/30/2017	10,117,307	13,210,175	14,361,399	14,651,607							
6/30/2018	10,879,300	14,262,222	15,316,196								
6/30/2019	7,784,788	9,435,255									
6/30/2020	13,078,294										
A.Y.E.	147 Months	159 Months	171 Months	183 Months	195 Months	207 Months	219 Months	231 Months	243 Months		
6/30/2001	36,514,067	36,698,767	36,698,767	36,788,767	36,799,102	36,799,001	36,903,502	36,903,501	37,004,551		
6/30/2002	22,159,183	22,242,658	22,342,658	22,296,008	22,288,158	22,418,759	22,518,758	22,593,758			
6/30/2003	14,789,768	14,854,669	14,858,966	14,936,466	15,053,964	15,053,964	15,053,964				
6/30/2004	18,400,686	18,475,797	18,520,597	18,632,991	18,632,991	18,632,991					
6/30/2005	20,129,489	20,254,486	20,326,881	20,226,881	20,326,884						
6/30/2006	22,478,018	22,339,518	22,439,517								
6/30/2007	22,943,661	23,004,557	22,993,425								
6/30/2008	19,069,300	19,089,300									
6/30/2009	16,782,476										

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
6/30/2001	2.188	1.086	1.107	1.044	1.000	1.005	1.001	1.002	0.995	0.994	0.997
6/30/2002	1.222	1.184	1.118	0.920	0.974	0.995	0.990	1.008	1.002	0.994	1.007
6/30/2003	1.233	1.249	0.897	0.993	1.012	0.947	0.985	1.016	0.988	1.013	0.997
6/30/2004	1.312	0.862	1.031	0.975	0.977	1.002	0.995	1.001	1.012	0.998	0.989
6/30/2005	1.283	1.132	0.981	0.978	1.005	0.980	1.005	1.005	1.014	0.997	0.988
6/30/2006	1.215	1.038	0.968	0.971	0.996	0.987	1.004	0.991	0.992	1.001	1.009
6/30/2007	1.213	1.029	1.013	0.993	0.979	0.996	1.006	1.003	1.010	0.997	0.998
6/30/2008	1.103	0.993	0.999	0.999	1.008	1.016	1.010	0.998	1.001	0.994	0.995
6/30/2009	1.164	0.977	1.008	1.055	1.005	1.004	0.990	0.984	1.005	1.003	0.998
6/30/2010	1.276	1.055	0.991	1.024	0.987	0.986	0.997	1.008	1.021	0.991	
6/30/2011	1.166	1.093	1.079	1.009	0.997	0.977	0.978	1.018	1.003		
6/30/2012	1.279	0.987	1.021	1.035	0.952	0.992	1.012	1.002			
6/30/2013	1.176	1.122	1.012	1.026	0.998	0.989	1.001				
6/30/2014	1.353	1.274	1.005	1.020	1.013	0.999					
6/30/2015	1.283	1.302	1.133	1.049	0.997						
6/30/2016	1.286	1.275	1.014	0.989							
6/30/2017	1.306	1.087	1.020								
6/30/2018	1.311	1.074									
6/30/2019	1.212										
3 Yr Mean	1.276	1.145	1.056	1.019	1.003	0.993	0.997	1.009	1.010	0.996	0.997
Best 3/5	1.292	1.212	1.015	1.027	0.997	0.989	0.996	1.003	1.006	0.997	0.997

A.Y.E.	159:147	171:159	183:171	195:183	207:195	219:207	231:219	243:231
6/30/2001	1.005	1.000	1.002	1.000	1.000	1.003	1.000	1.003
6/30/2002	1.004	1.004	0.998	1.000	1.006	1.004	1.003	1.002 *
6/30/2003	1.004	1.000	1.005	1.008	1.000	1.000	1.002 *	1.002 *
6/30/2004	1.004	1.002	1.006	1.000	1.000	1.001 *	1.002 *	1.002 *
6/30/2005	1.006	1.004	0.995	1.005	1.002 *	1.001 *	1.002 *	1.002 *
6/30/2006	0.994	1.004	0.996					
6/30/2007	1.003	1.000						
6/30/2008	1.001							
3 Yr Mean	0.999	1.003	0.999	1.004	1.002 @	1.002 @	1.002 @	1.003 @
Best 3/5	1.003	1.002	1.000	1.002	1.001 *	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
6/30/2016					0.997	0.989	0.996	1.003	1.006	0.997	0.997
6/30/2017				1.027	0.997	0.989	0.996	1.003	1.006	0.997	0.997
6/30/2018			1.015	1.027	0.997	0.989	0.996	1.003	1.006	0.997	0.997
6/30/2019		1.212	1.015	1.027	0.997	0.989	0.996	1.003	1.006	0.997	0.997
6/30/2020	1.292	1.212	1.015	1.027	0.997	0.989	0.996	1.003	1.006	0.997	0.997

A.Y.E.	147/159	159/171	171/183	183/195	195/207	207/219	219/231	231/243	243/Ult	FACTORS
6/30/2016	1.003	1.002	1.000	1.002	1.001	1.002	1.002	1.002	1.008*	1.007
6/30/2017	1.003	1.002	1.000	1.002	1.001	1.002	1.002	1.002	1.008*	1.034
6/30/2018	1.003	1.002	1.000	1.002	1.001	1.002	1.002	1.002	1.008*	1.050
6/30/2019	1.003	1.002	1.000	1.002	1.001	1.002	1.002	1.002	1.008*	1.272
6/30/2020	1.003	1.002	1.000	1.002	1.001	1.002	1.002	1.002	1.008*	1.644

* Calculated Using Modified Bondy Method

@ Three year mean Excludes Modified Bondy ratios

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

A.Y.E.	15 Months	27 Months	39 Months	51 Months	63 Months	75 Months	87 Months	99 Months	111 Months	123 Months	135 Months
6/30/2001	4,350,739	14,845,683	21,070,920	27,803,176	31,064,848	35,848,620	37,245,719	37,950,002	38,817,870	39,948,394	39,985,108
6/30/2002	5,306,118	10,126,671	14,460,985	18,178,970	17,932,851	20,197,069	21,499,583	21,383,757	21,528,061	21,706,929	21,726,930
6/30/2003	3,682,687	9,018,468	11,817,539	15,224,438	16,881,962	18,294,690	26,599,828	28,509,957	32,195,712	32,604,329	32,907,147
6/30/2004	3,599,477	7,604,665	12,344,807	17,188,364	20,350,846	20,686,399	20,763,357	21,681,918	22,120,196	22,215,503	22,372,359
6/30/2005	2,473,986	8,029,108	13,656,354	16,388,669	17,784,360	19,802,745	19,750,732	19,747,760	20,687,455	21,703,887	22,115,543
6/30/2006	2,880,516	9,135,255	13,343,430	16,512,549	18,241,561	19,509,043	23,188,196	24,432,778	26,817,115	29,446,410	29,556,217
6/30/2007	2,646,539	7,774,363	16,598,447	20,502,455	22,701,913	23,155,554	19,213,497	22,274,461	22,309,258	22,342,370	22,411,797
6/30/2008	2,149,575	7,200,548	12,800,703	16,892,757	17,541,525	18,474,036	19,144,609	19,786,852	19,912,048	20,124,439	20,416,633
6/30/2009	3,207,220	8,478,293	12,189,293	17,703,301	24,013,816	26,641,788	27,388,952	27,857,940	28,211,496	28,703,723	25,454,650
6/30/2010	3,400,963	12,209,725	19,963,328	22,202,581	27,034,401	30,403,516	32,365,216	34,039,160	34,191,833	34,520,669	40,608,612
6/30/2011	4,208,574	12,990,229	19,648,638	24,820,826	29,581,916	31,863,875	33,645,457	34,082,371	34,376,498	35,238,120	
6/30/2012	3,406,788	10,203,943	13,079,651	23,420,281	24,767,723	28,170,022	30,378,226	31,974,761	32,737,158		
6/30/2013	3,032,474	9,149,379	13,256,778	18,559,283	22,071,468	24,265,220	28,445,809	24,785,697			
6/30/2014	4,465,522	12,150,957	17,866,781	19,070,239	24,311,008	29,398,114	31,693,068				
6/30/2015	4,737,169	9,978,810	16,818,373	25,315,023	27,778,678	30,352,877					
6/30/2016	5,207,836	11,135,220	15,256,140	17,041,441	18,909,166						
6/30/2017	4,080,974	10,318,544	14,437,754	18,365,495							
6/30/2018	4,893,226	15,831,256	23,072,059								
6/30/2019	3,822,895	6,839,220									
6/30/2020	4,463,216										

A.Y.E.	147 Months	159 Months	171 Months	183 Months	195 Months	207 Months	219 Months	231 Months	243 Months
6/30/2001	39,941,798	39,943,090	39,949,250	39,938,426	39,939,973	39,939,973	39,939,974	39,955,314	39,968,535
6/30/2002	21,815,709	21,860,693	21,925,071	21,928,272	21,927,855	22,078,982	22,124,287	22,236,860	
6/30/2003	32,876,522	35,705,513	35,713,732	35,421,232	35,857,992	35,847,406	35,842,882		
6/30/2004	22,334,238	22,545,745	22,527,962	22,574,807	22,610,676	22,653,423			
6/30/2005	22,437,917	23,841,140	24,141,802	25,011,288	25,287,464				
6/30/2006	29,808,330	29,896,636	30,136,257	28,521,957					
6/30/2007	22,442,072	22,537,108	22,545,104						
6/30/2008	20,459,633	20,711,978							
6/30/2009	29,409,713								

PREMISES/OPERATIONS (Subline Code 334)
 OWNERS, LANDLORDS AND TENANTS
 FULL COVERAGE
 MULTISTATE
 FRINGE COVERAGE - OCCURRENCE
 INCURRED ACCIDENT YEAR INCREMENTAL 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
6/30/2001	10,494,944	6,225,237	6,732,256	3,261,672	4,783,772	1,397,099	704,283	867,868	1,130,524	36,714	-43,310	1,292	6,160
6/30/2002	4,820,553	4,334,314	3,717,985	-246,119	2,264,218	1,302,514	-115,826	144,304	178,868	20,001	88,779	44,984	64,378
6/30/2003	5,335,781	2,799,071	3,406,899	1,657,524	1,412,728	8,305,138	1,910,129	3,685,755	408,617	302,818	-30,625	2,828,991	8,219
6/30/2004	4,005,188	4,740,142	4,843,557	3,162,482	335,553	76,958	918,561	438,278	95,307	156,856	-38,121	211,507	-17,783
6/30/2005	5,555,122	5,627,246	2,732,315	1,395,691	2,018,385	-52,013	-2,972	939,695	1,016,432	411,656	322,374	1,403,223	300,662
6/30/2006	6,254,739	4,208,175	3,169,119	1,729,012	1,267,482	3,679,153	1,244,582	2,384,337	2,629,295	109,807	252,113	88,306	239,621
6/30/2007	5,127,824	8,824,084	3,904,008	2,199,458	453,641	-3,942,057	3,060,964	34,797	33,112	69,427	30,275	95,036	7,996
6/30/2008	5,050,973	5,600,155	4,092,054	648,768	932,511	670,573	642,243	125,196	212,391	292,194	43,000	252,345	
6/30/2009	5,271,073	3,711,000	5,514,008	6,310,515	2,627,972	747,164	468,988	353,556	492,227	-3,249,073	3,955,063		
6/30/2010	8,808,762	7,753,603	2,239,253	4,831,820	3,369,115	1,961,700	1,673,944	152,673	328,836	6,087,943			
6/30/2011	8,781,655	6,658,409	5,172,188	4,761,090	2,281,959	1,781,582	436,914	294,127	861,622				
6/30/2012	6,797,155	2,875,708	10,340,630	1,347,442	3,402,299	2,208,204	1,596,535	762,397					
6/30/2013	6,116,905	4,107,399	5,302,505	3,512,185	2,193,752	4,180,589	-3,660,112						
6/30/2014	7,685,435	5,715,824	1,203,458	5,240,769	5,087,106	2,294,954							
6/30/2015	5,241,641	6,839,563	8,496,650	2,463,655	2,574,199								
6/30/2016	5,927,384	4,120,920	1,785,301	1,867,725									
6/30/2017	6,237,570	4,119,210	3,927,741										
6/30/2018	10,938,030	7,240,803											
6/30/2019	3,016,325												

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
6/30/2001	0.1785	0.1059	0.1145	0.0555	0.0813	0.0238	0.0120	0.0148	0.0192	0.0006	-0.0007	0.0000	0.0001
6/30/2002	0.1338	0.1203	0.1032	-0.0068	0.0628	0.0361	-0.0032	0.0040	0.0050	0.0006	0.0025	0.0012	0.0018
6/30/2003	0.2224	0.1167	0.1420	0.0691	0.0589	0.3461	0.0796	0.1536	0.0170	0.0126	-0.0013	0.1179	0.0003
6/30/2004	0.1333	0.1577	0.1612	0.1052	0.0112	0.0026	0.0306	0.0146	0.0032	0.0052	-0.0013	0.0070	-0.0006
6/30/2005	0.1622	0.1643	0.0798	0.0408	0.0589	-0.0015	-0.0001	0.0274	0.0297	0.0120	0.0094	0.0410	0.0088
6/30/2006	0.1921	0.1292	0.0973	0.0531	0.0389	0.1130	0.0382	0.0732	0.0808	0.0034	0.0077	0.0027	0.0074
6/30/2007	0.1453	0.2501	0.1106	0.0623	0.0129	-0.1117	0.0867	0.0010	0.0009	0.0020	0.0009	0.0027	0.0002
6/30/2008	0.1772	0.1965	0.1436	0.0228	0.0327	0.0235	0.0225	0.0044	0.0075	0.0103	0.0015	0.0089	
6/30/2009	0.1977	0.1392	0.2068	0.2367	0.0986	0.0280	0.0176	0.0133	0.0185	-0.1219	0.1483		
6/30/2010	0.2844	0.2504	0.0723	0.1560	0.1088	0.0633	0.0540	0.0049	0.0106	0.1966			
6/30/2011	0.3665	0.2779	0.2159	0.1987	0.0952	0.0744	0.0182	0.0123	0.0360				
6/30/2012	0.3486	0.1475	0.5303	0.0691	0.1745	0.1132	0.0819	0.0391					
6/30/2013	0.2856	0.1918	0.2475	0.1640	0.1024	0.1952	-0.1709						
6/30/2014	0.2938	0.2185	0.0460	0.2004	0.1945	0.0877							
6/30/2015	0.1740	0.2271	0.2821	0.0818	0.0855								
6/30/2016	0.2103	0.1462	0.0633	0.0663									
6/30/2017	0.2423	0.1600	0.1526										
6/30/2018	0.3640	0.2410											
6/30/2019	0.1485												

Best 3/5	0.2089	0.2019	0.1545	0.1050	0.1240	0.0918	0.0300	0.0102	0.0122	0.0052	0.0062	0.0062	0.0026
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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) 1/1/2018 to 1/1/2023 AYE 6/30/2018	+ 1.4%	+ 2.5%	+ 1.2%	+ 2.3%	+ 1.1%	
b) 1/1/2019 to 1/1/2023 AYE 6/30/2019	+ 1.4%	+ 2.3%	+ 1.2%	+ 2.0%	+ 1.0%	
c) 1/1/2020 to 1/1/2023 AYE 6/30/2020	+ 2.0%	+ 2.3%	+ 1.2%	+ 2.2%	+ 1.1%	
	<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)	+ 4.4%	+ 5.6%	- 3.2%	+ 4.9%	+ 6.2%	- 4.4%
Eight Year (16 Points)	+ 4.8%	+ 4.2%	- 7.9%	+ 5.3%	+ 7.3%	- 2.4%
Six Year (12 Points)	+ 4.8%	+ 4.1%	- 10.0%	+ 5.6%	+ 9.4%	+ 0.9%
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>		+ 2.3%		+ 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 6/30/2018, 6/30/2019 & 6/30/2020

(1)		(2)		(3)		(1)		(2)		(3)	
YEAR ENDING QUARTER*		MANUFACTURERS CLASS GROUP SALES EXPOSURE INDICES		CONTRACTORS CLASS GROUP PAYROLL EXPOSURE INDICES		YEAR ENDING QUARTER*		MANUFACTURERS CLASS GROUP SALES EXPOSURE INDICES		CONTRACTORS CLASS GROUP PAYROLL EXPOSURE INDICES	
2010	1	0.964	22.806	2017	1	1.033	26.160				
	2	0.962	22.928		2	1.034	26.326				
	3	0.962	23.080		3	1.037	26.527				
	4	0.965	23.208		4	1.040	26.716				
2011	1	0.968	23.312	2018	1	1.043	26.955				
	2	0.973	23.427		2	1.047	27.203				
	3	0.978	23.556		3	1.051	27.440				
	4	0.982	23.638		4	1.054	27.728				
2012	1	0.986	23.715	2019	1	1.057	27.950				
	2	0.990	23.794		2	1.060	28.185				
	3	0.995	23.873		3	1.062	28.361				
	4	1.000	23.965		4	1.064	28.515				
2013	1	1.004	24.062	2020	1	1.065	28.703				
	2	1.006	24.140		2	1.059	28.830				
	3	1.008	24.167		3	1.057	29.003				
	4	1.010	24.208		4	1.058	29.191				
2014	1	1.012	24.299	2021	1P	1.059	29.382				
	2	1.016	24.405		2P	1.067	29.600				
	3	1.019	24.538		3P	1.073	29.785				
	4	1.022	24.663		4P	1.079	29.940				
2015	1	1.024	24.759	2022	1P	1.088	30.077				
	2	1.026	24.909		2P	1.096	30.217				
	3	1.027	25.013		3P	1.104	30.365				
	4	1.030	25.172		4P	1.111	30.519				
2016	1	1.030	25.313	2023	1P	1.117	30.679				
	2	1.030	25.480		2P	1.122	30.848				
	3	1.029	25.731		3P	1.128	31.020				
	4	1.030	25.938		4P	1.133	31.197				

CHANGE IN EXPOSURES		MANUFACTURERS	CONTRACTORS
1/1/2018 to 1/1/2023	(2023:2/2018:2)	1.072	1.134
1/1/2019 to 1/1/2023	(2023:2/2019:2)	1.059	1.094
1/1/2020 to 1/1/2023	(2023:2/2020:2)	1.060	1.070
AVERAGE ANNUAL TREND FACTOR			
1/1/2018 to 1/1/2023	(5.0 YRS)	1.014	1.025
1/1/2019 to 1/1/2023	(4.0 YRS)	1.014	1.023
1/1/2020 to 1/1/2023	(3.0 YRS)	1.020	1.023

* Projected values are identified by a 'P' in column (1).
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PREMISES / OPERATIONS
OWNERS, LANDLORDS AND TENANTS
AVERAGE ANNUAL EXPOSURE TRENDS ¹

<u>TYPE OF CLASS</u>	<u>VOLUME</u> ²	<u>INFLATION TREND</u> ³
FURNITURE	10.0%	0.5%
OTHER DURABLES	6.0%	-1.1%
CLOTHING	9.2%	-1.0%
FOOD	42.8%	2.0%
OTHER NON-DURABLES	28.4%	1.2%
RECREATION SERVICES	3.6%	2.4%
TOTAL	100.0%	1.2% ⁴

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

² Volume weights are based on each type of class's inflation-adjusted contribution to GDP in year ending 6/30/2020. Inflation adjusted GDP is measured in terms of 2012 prices.

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

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

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

YEAR ENDING QUARTER	FURNITURE	OTHER DURABLE GOODS	CLOTHING AND SHOES	FOOD AND BEVERAGES	OTHER NONDURABLE GOODS	RECREATION SERVICES	YEAR ENDING QUARTER	FURNITURE	OTHER DURABLE GOODS	CLOTHING AND SHOES	FOOD AND BEVERAGES	OTHER NONDURABLE GOODS	RECREATION SERVICES
2010 1	1.051	0.984	0.957	0.936	0.962	0.949	2017 1	0.895	0.897	0.999	1.066	1.042	1.086
2010 2	1.039	0.983	0.956	0.937	0.966	0.953	2017 2	0.888	0.893	0.997	1.068	1.046	1.092
2010 3	1.027	0.982	0.953	0.940	0.968	0.955	2017 3	0.882	0.890	0.995	1.071	1.048	1.100
2010 4	1.015	0.982	0.949	0.943	0.970	0.957	2017 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
2011 2	1.001	0.994	0.949	0.955	0.977	0.964	2018 2	0.866	0.882	0.994	1.082	1.054	1.120
2011 3	1.000	1.002	0.955	0.965	0.981	0.968	2018 3	0.864	0.878	0.993	1.086	1.055	1.126
2011 4	1.000	1.008	0.965	0.975	0.985	0.973	2018 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
2012 2	1.001	1.009	0.988	0.991	0.993	0.986	2019 2	0.869	0.857	0.984	1.100	1.055	1.142
2012 3	1.000	1.005	0.994	0.996	0.997	0.993	2019 3	0.872	0.852	0.984	1.105	1.056	1.147
2012 4	1.000	1.000	1.000	1.000	1.000	1.000	2019 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
2013 2	0.994	0.989	1.006	1.008	1.001	1.009	2020 2	0.869	0.842	0.961	1.117	1.066	1.166
2013 3	0.988	0.985	1.009	1.012	1.001	1.013	2020 3	0.872	0.835	0.944	1.123	1.070	1.173
2013 4	0.981	0.979	1.010	1.015	1.002	1.017	2020 4	0.878	0.827	0.930	1.130	1.070	1.181
2014 1	0.972	0.970	1.010	1.018	1.004	1.022	2021 1P	0.882	0.824	0.923	1.136	1.071	1.188
2014 2	0.962	0.959	1.012	1.024	1.006	1.028	2021 2P	0.885	0.825	0.931	1.141	1.073	1.193
2014 3	0.954	0.950	1.013	1.030	1.009	1.032	2021 3P	0.884	0.825	0.936	1.145	1.075	1.200
2014 4	0.947	0.940	1.013	1.038	1.013	1.036	2021 4P	0.882	0.827	0.941	1.150	1.079	1.207
2015 1	0.940	0.931	1.011	1.045	1.017	1.038	2022 1P	0.882	0.828	0.941	1.156	1.084	1.216
2015 2	0.936	0.923	1.007	1.050	1.021	1.042	2022 2P	0.882	0.828	0.941	1.163	1.090	1.225
2015 3	0.930	0.914	1.004	1.054	1.023	1.047	2022 3P	0.884	0.830	0.942	1.170	1.096	1.235
2015 4	0.924	0.906	1.001	1.058	1.025	1.052	2022 4P	0.886	0.831	0.943	1.177	1.103	1.245
2016 1	0.920	0.902	0.999	1.061	1.027	1.058	2023 1P	0.888	0.833	0.945	1.185	1.110	1.255
2016 2	0.913	0.901	0.999	1.063	1.030	1.064	2023 2P	0.890	0.834	0.946	1.192	1.117	1.264
2016 3	0.907	0.899	0.998	1.064	1.034	1.071	2023 3P	0.890	0.835	0.946	1.199	1.125	1.273
2016 4	0.900	0.899	0.998	1.065	1.038	1.077	2023 4P	0.890	0.835	0.947	1.206	1.132	1.281

Change In Exposures*

Average Annual Trend Factor

1/1/2018 to 1/1/2023 (2023:2/2018:2)	1.028	0.946	0.951	1.102	1.060	1.129	1/1/2018 to 1/1/2023 (5.0 Years)	0.5%	-1.1%	-1.0%	2.0%	1.2%	2.4%
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*Assumes a loss cost revision date of January 1, 2022, and a prospective average date of coverage one year later (January 1, 2023).

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PREMISES/OPERATIONS
GOVERNMENTAL SUBDIVISIONS
OWNERS, LANDLORDS AND TENANTS
AVERAGE ANNUAL EXPOSURE TRENDS
FOR ACCIDENT YEARS ENDING 6/30/2018, 6/30//2019 & 6/30/2020

(1) YEAR ENDING QUARTER		(2) YEARLY VALUES BASED ON MOODY'S ANALYTICS EXPOSURE HISTORY AND FORECASTS @		(1) YEAR ENDING QUARTER		(2) YEARLY VALUES BASED ON MOODY'S ANALYTICS EXPOSURE HISTORY AND FORECASTS @	
2010	1	0.926		2017	1	1.064	
	2	0.933			2	1.069	
	3	0.940			3	1.076	
	4	0.947			4	1.085	
2011	1	0.954		2018	1	1.094	
	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			3	1.163	
	4	1.033			4	1.168	
2014	1	1.040		2021	1P	1.172	
	2	1.046			2P	1.179	
	3	1.052			3P	1.186	
	4	1.056			4P	1.192	
2015	1	1.056		2022	1P	1.200	
	2	1.057			2P	1.207	
	3	1.057			3P	1.214	
	4	1.056			4P	1.221	
2016	1	1.055		2023	1P	1.228	
	2	1.055			2P	1.236	
	3	1.055			3P	1.243	
	4	1.058			4P	1.251	
CHANGE IN EXPOSURES				AVERAGE ANNUAL TREND FACTOR			
1/1/2018 to 1/1/2023		(2023:2/2018:2)	1.118	1/1/2018 to 1/1/2023		(5.0 YRS)	1.023
1/1/2019 to 1/1/2023		(2023:2/2019:2)	1.083	1/1/2019 to 1/1/2023		(4.0 YRS)	1.020
1/1/2020 to 1/1/2023		(2023:2/2020:2)	1.066	1/1/2020 to 1/1/2023		(3.0 YRS)	1.022

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

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

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

(1) Accident Year Ending	(2) Basic Limit Paid Losses *	(3) Occurrences at Ultimate	(4) (2)/(3) Actual Severity	(5) Exponential Curve of Best Fit to Col (4)		
				10 Year	8 Year	6 Year
12/31/2010	\$ 234,729,164	4,286	\$ 54,766	\$ 55,361		
6/30/2011	252,188,154	4,459	56,557	56,579		
12/31/2011	261,162,665	4,333	60,273	57,824		
6/30/2012	233,198,602	3,823	60,999	59,096		
12/31/2012	216,563,887	3,593	60,274	60,396	\$ 59,457	
6/30/2013	217,595,780	3,610	60,276	61,724	60,860	
12/31/2013	225,605,509	3,680	61,306	63,082	62,297	
6/30/2014	253,218,694	3,898	64,961	64,470	63,768	
12/31/2014	250,226,518	3,656	68,443	65,888	65,273	\$ 65,117
6/30/2015	227,163,415	3,434	66,151	67,338	66,814	66,677
12/31/2015	222,280,928	3,389	65,589	68,819	68,391	68,274
6/30/2016	223,805,909	3,108	72,010	70,333	70,006	69,909
12/31/2016	225,208,910	3,103	72,578	71,880	71,658	71,584
6/30/2017	222,082,854	3,134	70,862	73,461	73,350	73,298
12/31/2017	237,454,676	3,154	75,287	75,077	75,082	75,054
6/30/2018	242,168,083	3,196	75,772	76,729	76,854	76,851
12/31/2018	237,551,125	3,187	74,538	78,417	78,669	78,692
6/30/2019	249,394,472	3,141	79,400	80,142	80,526	80,577
12/31/2019	257,728,021	3,140	82,079	81,905	82,427	82,507
6/30/2020	266,128,401	2,926	90,953	83,706	84,373	84,483
Goodness of Fit Statistic, R-Squared:				0.940	0.920	0.840
Average Annual Severity Trend (10 yr)				+ 4.4%		
Average Annual Severity Trend (8 yr)				+ 4.8%		
Average Annual Severity Trend (6 yr)				+ 4.8%		
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
Property Damage

(1) Accident Year Ending	(2) Basic Limit Paid Losses *	(3) Occurrences at Ultimate	(4) (2)/(3) Actual Severity	(5) Exponential Curve of Best Fit to Col (4)		
				10 Year	8 Year	6 Year
12/31/2010	\$ 165,254,288	15,411	\$ 10,723	\$ 11,270		
6/30/2011	173,284,254	15,643	11,077	11,583		
12/31/2011	174,283,012	15,579	11,187	11,905		
6/30/2012	170,048,518	14,969	11,360	12,235		
12/31/2012	180,500,872	14,098	12,803	12,575	\$ 13,411	
6/30/2013	185,858,905	13,502	13,765	12,924	13,692	
12/31/2013	177,370,054	12,731	13,932	13,283	13,978	
6/30/2014	186,033,890	12,359	15,053	13,652	14,271	
12/31/2014	183,464,135	12,202	15,036	14,031	14,570	\$ 14,601
6/30/2015	189,144,150	11,936	15,847	14,420	14,875	14,899
12/31/2015	187,279,213	12,017	15,585	14,820	15,187	15,203
6/30/2016	186,521,141	12,143	15,360	15,232	15,505	15,513
12/31/2016	187,785,702	12,397	15,148	15,655	15,829	15,830
6/30/2017	188,211,416	12,420	15,154	16,089	16,161	16,153
12/31/2017	197,845,448	12,255	16,144	16,536	16,499	16,483
6/30/2018	200,184,884	12,270	16,315	16,995	16,845	16,819
12/31/2018	204,409,469	12,233	16,710	17,467	17,198	17,163
6/30/2019	201,253,818	12,022	16,740	17,952	17,558	17,513
12/31/2019	212,113,195	11,836	17,921	18,450	17,925	17,871
6/30/2020	223,412,016	10,843	20,604	18,962	18,301	18,235
Goodness of Fit Statistic, R-Squared:				0.880	0.804	0.657
Average Annual Severity Trend (10 yr)				+ 5.6%		
Average Annual Severity Trend (8 yr)				+ 4.2%		
Average Annual Severity Trend (6 yr)				+ 4.1%		
Selected Annual Severity Trend				+ 4.5%		

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

NOTE: Trends are based on reported paid full coverage data developed to ultimate using paid development factors
(See Section B- Explanation of Trend Calculation).

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

(1) Accident Year Ending	(2) Basic Limit Paid Losses *	(3) Occurrences at Ultimate	(4) (2)/(3) Actual Severity	(5) Exponential Curve of Best Fit to Col (4)		
				10 Year	8 Year	6 Year
12/31/2010	\$ 26,763,588	944	\$ 28,351	\$ 41,348		
6/30/2011	24,636,186	782	31,504	40,690		
12/31/2011	20,682,850	595	34,761	40,042		
6/30/2012	18,204,869	472	38,570	39,404		
12/31/2012	16,618,871	443	37,514	38,777	\$ 49,215	
6/30/2013	19,125,773	424	45,108	38,159	47,229	
12/31/2013	24,963,147	472	52,888	37,551	45,322	
6/30/2014	22,867,510	515	44,403	36,953	43,493	
12/31/2014	19,686,427	504	39,060	36,365	41,737	\$ 45,049
6/30/2015	21,443,313	508	42,211	35,786	40,052	42,726
12/31/2015	19,461,409	525	37,069	35,216	38,435	40,524
6/30/2016	20,959,448	524	39,999	34,655	36,884	38,434
12/31/2016	19,578,519	483	40,535	34,103	35,395	36,453
6/30/2017	17,318,600	514	33,694	33,560	33,966	34,573
12/31/2017	22,138,257	536	41,303	33,025	32,595	32,791
6/30/2018	20,778,524	536	38,766	32,499	31,279	31,100
12/31/2018	14,295,937	497	28,764	31,982	30,016	29,497
6/30/2019	11,318,363	442	25,607	31,472	28,804	27,976
12/31/2019	10,033,256	461	21,764	30,971	27,642	26,533
6/30/2020	11,766,514	475	24,772	30,478	26,526	25,165
Goodness of Fit Statistic, R-Squared:				0.177	0.648	0.676
Average Annual Severity Trend (10 yr)				- 3.2%		
Average Annual Severity Trend (8 yr)				- 7.9%		
Average Annual Severity Trend (6 yr)				-10.0%		
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 Ending	(2) Basic Limit Paid Losses *	(3) Occurrences at Ultimate	(4) (2)/(3) Actual Severity	(5) Exponential Curve of Best Fit to Col (4)		
				10 Year	8 Year	6 Year
12/31/2010	\$ \$665,832,289	19,643	\$ 33,897	\$ 33,226		
6/30/2011	687,869,955	19,978	34,431	34,028		
12/31/2011	679,872,414	19,126	35,547	34,850		
6/30/2012	616,835,338	16,934	36,426	35,691		
12/31/2012	586,810,233	16,077	36,500	36,553	\$ 35,820	
6/30/2013	616,444,325	16,806	36,680	37,436	36,762	
12/31/2013	667,835,473	17,769	37,584	38,340	37,729	
6/30/2014	743,745,054	18,976	39,194	39,266	38,721	
12/31/2014	741,321,917	18,138	40,871	40,214	39,740	\$ 39,339
6/30/2015	729,444,228	17,635	41,363	41,185	40,785	40,433
12/31/2015	758,260,336	17,896	42,370	42,179	41,858	41,557
6/30/2016	723,662,464	16,754	43,193	43,198	42,959	42,713
12/31/2016	734,463,694	16,847	43,596	44,241	44,088	43,901
6/30/2017	757,804,214	17,421	43,499	45,309	45,248	45,121
12/31/2017	788,159,308	17,881	44,078	46,403	46,438	46,376
6/30/2018	849,799,227	18,644	45,580	47,523	47,659	47,666
12/31/2018	855,175,451	18,121	47,193	48,671	48,913	48,991
6/30/2019	812,438,869	16,849	48,219	49,846	50,199	50,353
12/31/2019	808,784,788	15,799	51,192	51,049	51,520	51,753
6/30/2020	760,230,724	12,434	61,141	52,282	52,875	53,192
Goodness of Fit Statistic, R-Squared:				0.915	0.877	0.775
Average Annual Severity Trend (10 yr)				+ 4.9%		
Average Annual Severity Trend (8 yr)				+ 5.3%		
Average Annual Severity Trend (6 yr)				+ 5.6%		
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 Ending	(2) Basic Limit Paid Losses *	(3) Occurrences at Ultimate	(4) (2)/(3) Actual Severity	(5) Exponential Curve of Best Fit to Col (4)		
				10 Year	8 Year	6 Year
12/31/2010	\$ 74,504,049	8,602	\$ 8,661	\$ 8,217		
6/30/2011	75,447,198	8,821	8,553	8,469		
12/31/2011	80,987,927	8,723	9,284	8,728		
6/30/2012	76,147,000	7,997	9,522	8,995		
12/31/2012	73,767,122	7,565	9,751	9,270	\$ 8,812	
6/30/2013	71,800,967	7,674	9,356	9,553	9,129	
12/31/2013	76,822,031	7,653	10,038	9,845	9,458	
6/30/2014	73,794,655	7,840	9,413	10,146	9,798	
12/31/2014	72,549,546	7,808	9,292	10,457	10,151	\$ 9,519
6/30/2015	81,362,512	7,507	10,838	10,776	10,516	9,956
12/31/2015	84,304,274	7,539	11,182	11,106	10,895	10,413
6/30/2016	79,846,505	7,513	10,628	11,446	11,287	10,890
12/31/2016	86,930,325	7,591	11,452	11,796	11,693	11,390
6/30/2017	86,986,666	7,983	10,896	12,156	12,114	11,912
12/31/2017	95,578,455	7,920	12,068	12,528	12,550	12,458
6/30/2018	98,883,379	7,677	12,880	12,911	13,002	13,030
12/31/2018	96,620,529	7,470	12,934	13,306	13,470	13,627
6/30/2019	93,981,599	7,192	13,068	13,713	13,955	14,252
12/31/2019	102,689,999	6,872	14,943	14,132	14,457	14,906
6/30/2020	99,350,122	5,453	18,219	14,565	14,977	15,589
Goodness of Fit Statistic, R-Squared:				0.847	0.829	0.834
Average Annual Severity Trend (10 yr)				+ 6.2%		
Average Annual Severity Trend (8 yr)				+ 7.3%		
Average Annual Severity Trend (6 yr)				+ 9.4%		
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 Ending	(2) Basic Limit Paid Losses *	(3) Occurrences at Ultimate	(4) (2)/(3) Actual Severity	(5) Exponential Curve of Best Fit to Col (4)		
				10 Year	8 Year	6 Year
12/31/2010	\$ 40,002,637	547	\$ 73,131	\$ 88,110		
6/30/2011	41,106,996	486	84,582	86,151		
12/31/2011	50,507,813	426	118,563	84,236		
6/30/2012	38,998,149	346	112,711	82,363		
12/31/2012	27,598,698	340	81,173	80,532	\$ 72,353	
6/30/2013	27,192,893	379	71,749	78,741	71,493	
12/31/2013	31,973,114	414	77,230	76,991	70,643	
6/30/2014	35,541,181	469	75,781	75,279	69,803	
12/31/2014	31,016,365	511	60,697	73,605	68,973	\$ 61,565
6/30/2015	37,401,592	597	62,649	71,969	68,153	61,830
12/31/2015	40,974,026	690	59,383	70,369	67,342	62,097
6/30/2016	37,008,613	696	53,173	68,804	66,542	62,365
12/31/2016	34,367,854	635	54,123	67,274	65,751	62,634
6/30/2017	34,760,108	555	62,631	65,779	64,969	62,904
12/31/2017	44,426,584	534	83,196	64,316	64,196	63,176
6/30/2018	49,048,755	531	92,371	62,886	63,433	63,448
12/31/2018	35,205,404	504	69,852	61,488	62,679	63,722
6/30/2019	24,027,866	419	57,346	60,121	61,934	63,997
12/31/2019	22,511,021	421	53,470	58,784	61,197	64,273
6/30/2020	23,223,449	395	58,794	57,477	60,470	64,550
Goodness of Fit Statistic, R-Squared:				0.324	0.108	0.008
Average Annual Severity Trend (10 yr)				- 4.4%		
Average Annual Severity Trend (8 yr)				- 2.4%		
Average Annual Severity Trend (6 yr)				+ 0.9%		
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 Ending	(2) Aggregate Loss Costs at Current Level	(3) Occurrences at Ultimate ¹	(4) Occurrence Frequency $(3)/(2)^2$
6/30/2007	\$ 828,722,688	28,039	33.83
6/30/2008	832,856,246	27,836	33.42
6/30/2009	855,361,828	28,601	33.44
6/30/2010	790,974,894	27,990	35.39
6/30/2011	806,749,567	28,534	35.37
6/30/2012	817,626,627	26,689	32.64
6/30/2013	813,536,331	25,748	31.65
6/30/2014	871,844,129	26,727	30.66
6/30/2015	901,797,197	26,264	29.12
6/30/2016	916,024,101	26,864	29.33
6/30/2017	935,129,657	27,910	29.85
6/30/2018	952,527,452	27,866	29.25
6/30/2019	965,161,164	27,623	28.62
6/30/2020	969,204,870	24,647	25.43

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>
6/30/2007	\$ 1,056,375,440	32,940	31.18
6/30/2008	1,108,402,886	32,447	29.27
6/30/2009	1,251,602,305	33,893	27.08
6/30/2010	1,314,800,250	33,662	25.60
6/30/2011	1,355,030,378	33,872	25.00
6/30/2012	1,351,762,962	29,201	21.60
6/30/2013	1,319,386,565	29,238	22.16
6/30/2014	1,380,595,605	32,330	23.42
6/30/2015	1,479,128,981	31,204	21.10
6/30/2016	1,501,429,674	30,456	20.28
6/30/2017	1,527,114,579	31,843	20.85
6/30/2018	1,535,664,448	33,001	21.49
6/30/2019	1,505,545,344	31,109	20.66
6/30/2020	1,423,267,520	23,963	16.84

Selected Annual Frequency Trend: - 0.5%

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

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

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

*Base Class

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

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

*Base Class

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

@ 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

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

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

<u>CLASS GROUP 30</u>	<u>CLASS GROUP 31</u>	<u>CLASS GROUP 32</u>	<u>94099</u>	<u>1.56</u>
91111	1.07	91302	90089	5.49
91127	0.72	91315	91125	2.86
91150	0.68	91324	91160	2.71
91155	1.51	91340	91175	1.83
91235	0.83	91342	91177	7.89
91250	1.25	91405	91179	2.49
91555	0.50	95625	91190	0.92
92215	1.19	96611	91341	1.97
92451	0.83	97047	91343	2.14
92593	10.90	97050	91436	5.11
94304	1.06	98305	91481	2.76
94381	1.99	98306	91507	1.48
95647	1.00	98344	91523	95620
96053	0.76	98405	91547	1.20
97222	0.55	98810	91551	2.39
97223	0.83	98813	91562	96408
98111	0.21	99004	91577	2.21
98164	0.70	99600	91590	96410
98636	1.02	99614	91666	1.94
98806	0.95	99777	91746	96702
98993	1.95	99826	91805	2.58
99505	1.65	99952	92053	96816
99506	2.03	99953	92054	97111
99507	1.77	99954	92055	2.28
99570	0.95	99955	92101	97650
99571	0.23	99975	92102	97653
99572	0.45		92338	1.95
99573	0.43		92446	97654
99650	0.45		92447	3.40
99709	1.11		92453	98003
99948	2.35		92478	98090
			94007	0.082
				98091
				0.089
				98092
				0.27
				98257
				0.92
				98304
				3.41
				98307
				1.08
				98308
				0.71
				98413
				8.98
				98414
				8.22
				98415
				1.08

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

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 TRENDED FROM AN AVERAGE DATE OF COVERAGE TO ONE YEAR BEYOND AN ASSUMED EFFECTIVE DATE OF 07/01/2021 BY AN EXPONENTIAL PROJECTION OF THE AVERAGE ANNUAL EXPOSURE TREND FACTOR. THE DERIVATION OF THIS EXPOSURE TREND FACTOR IS SHOWN IN SECTION F - AVERAGE ANNUAL EXPOSURE TRENDS.

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

MULTISTATE
 PRODUCTS
 OCCURRENCE
 FULL COVERAGE
 CALCULATION OF INCURRED LOSSES

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

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

MULTISTATE
PRODUCTS
OCCURRENCE
DED COVERAGE
CALCULATION OF INCURRED LOSSES

REPORT TYPE	LOSS DESCRIPTION	ACCIDENT YEAR ENDING	\$100,000 BASIC LIMIT LOSSES AND ALAE*		X	BASIC LIMIT DEVELOPMENT		X	UNALLOCATED LOSS ADJ.		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	15 Months	27 Months	39 Months	51 Months	63 Months	75 Months	87 Months	99 Months
12/31/2012	294,313,614	285,975,423	285,815,807	285,269,021	285,284,369	285,284,593	285,282,473	285,279,383
12/31/2013	291,676,148	294,092,380	293,024,503	292,993,448	292,997,136	292,997,660	292,991,699	
12/31/2014	300,498,902	305,693,324	305,523,656	305,500,483	305,413,400	305,407,279		
12/31/2015	301,748,313	302,072,614	301,879,697	301,787,976	301,658,526			
12/31/2016	289,649,613	289,162,594	289,281,526	289,341,443				
12/31/2017	285,437,455	286,447,433	286,303,524					
12/31/2018	283,304,260	282,999,859						
12/31/2019	282,263,230							

LINK RATIOS

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

Average Best 3 of 5

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

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

MULTISTATE PRODUCTS LOSS DEVELOPMENT DATA

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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/Ult	FACTORS
12/31/2015	1.008	1.001	1.001	1.008	1.003	1.001	1.000	1.000	1.000*	1.000
12/31/2016	1.008	1.001	1.001	1.008	1.003	1.001	1.000	1.000	1.000*	0.981
12/31/2017	1.008	1.001	1.001	1.008	1.003	1.001	1.000	1.000	1.000*	1.060
12/31/2018	1.008	1.001	1.001	1.008	1.003	1.001	1.000	1.000	1.000*	1.424
12/31/2019	1.008	1.001	1.001	1.008	1.003	1.001	1.000	1.000	1.000*	2.022

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

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	1,638,057	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

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

A.Y.E.	159:147	171:159	183:171	195:183	207:195	219:207	231:219	243:231		
12/31/2000	0.988	1.069	1.020	0.995	1.048	1.002	1.000	1.001		
12/31/2001	0.977	1.006	0.998	0.998	1.004	0.996	1.002	1.000 *		
12/31/2002	1.000	1.015	1.002	1.000	1.015	0.988	1.000 *	1.000 *		
12/31/2003	1.000	1.002	1.000	1.000	1.000	1.006 *	1.000 *	1.000 *		
12/31/2004	1.001	1.000	1.000	1.000	0.999 *	1.006 *	1.000 *	1.000 *		
12/31/2005	1.000	1.000	1.000							
12/31/2006	1.000	1.000								
12/31/2007	1.005									
3 Yr Mean	1.002	1.000	1.000	1.000	1.006 @	0.995 @	1.001 @	1.001 @		
Best 3/5	1.000	1.001	1.000	0.999	1.006 *	1.001 *	1.000 *	1.000 *		

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					1.031	1.019	0.983	1.013	1.003	1.009	1.001
12/31/2016				1.026	1.031	1.019	0.983	1.013	1.003	1.009	1.001
12/31/2017			1.125	1.026	1.031	1.019	0.983	1.013	1.003	1.009	1.001
12/31/2018		1.227	1.125	1.026	1.031	1.019	0.983	1.013	1.003	1.009	1.001
12/31/2019	1.529	1.227	1.125	1.026	1.031	1.019	0.983	1.013	1.003	1.009	1.001

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

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

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

A.Y.E	Allocated Expenses as of:										
	15 Months	27 Months	39 Months	51 Months	63 Months	75 Months	87 Months	99 Months	111 Months	123 Months	135 Months
12/31/2000	1,141,242	4,131,110	7,821,507	11,414,210	12,889,203	14,098,635	16,548,165	17,260,558	18,394,302	19,137,441	19,321,547
12/31/2001	1,879,499	5,333,140	8,433,876	10,458,465	13,585,015	15,229,421	16,998,573	18,653,799	19,028,381	19,000,307	19,337,132
12/31/2002	1,573,982	3,776,374	8,102,830	12,481,658	15,611,075	18,623,205	18,850,667	19,603,597	20,116,966	20,572,941	20,847,250
12/31/2003	1,493,285	4,235,351	8,798,724	14,403,987	18,413,145	20,076,406	20,526,072	21,482,732	21,190,440	22,143,797	23,296,658
12/31/2004	1,153,172	2,932,383	6,393,270	10,669,644	13,402,340	13,197,829	14,504,758	15,330,291	16,219,286	17,412,926	17,560,643
12/31/2005	1,494,440	3,370,465	5,962,291	8,512,450	10,792,471	12,837,220	12,881,117	13,207,743	13,421,356	13,851,883	13,821,305
12/31/2006	1,911,372	6,481,668	8,767,721	11,755,653	13,715,292	15,442,151	18,077,585	19,388,546	18,404,501	18,485,994	18,502,903
12/31/2007	2,355,547	6,929,749	10,794,355	14,608,189	17,873,357	19,625,501	20,789,339	21,016,728	21,244,052	25,571,110	25,578,335
12/31/2008	1,709,261	4,115,443	7,972,706	13,997,587	18,189,562	20,366,787	20,255,891	20,674,820	21,021,232	21,192,066	21,342,527
12/31/2009	3,184,902	5,540,342	9,963,842	12,794,101	15,201,539	16,266,092	16,309,614	16,598,695	16,600,429	16,718,787	16,899,605
12/31/2010	2,080,715	5,684,255	9,737,774	15,136,556	17,196,648	17,991,424	18,169,354	18,343,829	18,466,154	18,744,804	
12/31/2011	2,412,515	5,417,781	9,895,014	13,375,646	15,454,013	16,801,269	17,879,056	17,715,625	18,241,154		
12/31/2012	2,667,191	7,809,205	15,917,305	20,900,892	24,459,912	27,366,857	27,822,853	28,765,028			
12/31/2013	1,535,398	4,947,700	8,792,939	11,728,594	13,973,746	14,936,905	15,718,114				
12/31/2014	1,435,887	3,996,515	8,016,565	12,037,336	14,744,477	16,058,071					
12/31/2015	2,083,391	4,293,340	7,357,259	11,480,722	14,434,164						
12/31/2016	1,428,474	3,352,951	7,750,502	11,235,695							
12/31/2017	1,232,704	3,496,896	8,085,121								
12/31/2018	2,077,961	5,279,581									
12/31/2019	1,052,466										

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

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

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	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												

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	0.0969	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

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

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

171 to Ultimate Factor: 1.084

Months-to-Ultimate	Cumulative Incremental Factors						
	15	27	39	51	63	75	87
	0.540	0.454	0.313	0.175	0.089	0.049	0.034
Months-to-Ultimate	99	111	123	135	147	159	171
	0.025	0.019	0.013	0.012	0.007	0.001	0.000

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	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

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	1.334	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 *		

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					1.022	1.011	1.021	1.014	1.007	1.012	1.000
12/31/2016				1.028	1.022	1.011	1.021	1.014	1.007	1.012	1.000
12/31/2017			1.027	1.028	1.022	1.011	1.021	1.014	1.007	1.012	1.000
12/31/2018		1.084	1.027	1.028	1.022	1.011	1.021	1.014	1.007	1.012	1.000
12/31/2019	1.182	1.084	1.027	1.028	1.022	1.011	1.021	1.014	1.007	1.012	1.000

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

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

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

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

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

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

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

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

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

A.Y.E	Allocated Expenses as of:										
	15 Months	27 Months	39 Months	51 Months	63 Months	75 Months	87 Months	99 Months	111 Months	123 Months	135 Months
12/31/2000	2,438,105	3,613,367	5,954,589	9,767,256	12,101,265	15,235,357	17,770,451	18,669,999	19,274,305	20,102,474	20,541,468
12/31/2001	1,952,266	3,397,326	5,939,847	9,331,805	12,770,624	14,602,193	17,314,604	18,748,523	20,075,583	19,263,149	19,467,665
12/31/2002	1,149,378	3,177,236	6,301,355	8,177,921	10,109,044	11,325,082	12,107,954	14,045,611	13,469,406	13,578,191	14,107,520
12/31/2003	1,566,409	3,764,569	6,375,247	10,308,523	12,191,814	14,069,866	15,835,331	16,926,882	17,946,487	18,950,239	19,751,598
12/31/2004	1,204,922	2,683,943	5,393,258	7,861,179	10,224,589	11,996,951	13,356,197	14,385,812	15,585,680	16,621,310	17,285,681
12/31/2005	2,114,679	4,451,905	7,673,461	7,708,910	8,856,758	10,106,473	12,329,414	13,933,149	15,070,380	16,227,123	17,345,774
12/31/2006	1,462,809	3,531,285	6,712,138	9,562,897	11,465,757	13,488,637	14,893,579	17,092,326	20,206,214	20,798,240	21,588,142
12/31/2007	1,965,782	3,841,019	5,846,296	9,121,386	11,347,372	13,351,437	14,721,517	17,009,105	18,167,763	20,004,092	21,185,677
12/31/2008	1,722,948	4,705,925	8,668,380	11,988,035	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	147 Months	159 Months	171 Months	183 Months	195 Months	207 Months	219 Months	231 Months	243 Months
12/31/2000	21,056,307	21,408,357	21,569,012	21,508,631	21,765,649	21,762,734	21,740,441	21,742,743	21,742,743
12/31/2001	19,952,120	20,413,892	20,922,294	20,966,353	20,950,816	20,963,982	20,967,173	20,972,127	
12/31/2002	14,475,913	14,765,771	14,962,527	15,048,716	15,076,863	15,076,583	15,081,236		
12/31/2003	21,009,873	21,206,082	21,866,776	21,919,664	21,825,716	21,860,763			
12/31/2004	18,192,020	18,498,027	18,537,199	18,673,250	18,669,397				
12/31/2005	18,187,227	19,249,640	19,619,779	19,388,430					
12/31/2006	21,689,825	21,890,215	21,987,646						
12/31/2007	21,902,850	22,276,493							
12/31/2008	22,267,327								

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

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	1,175,262	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												

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	0.0392	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

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

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

171 to Ultimate Factor: 1.003

Months-to-Ultimate	Cumulative Incremental Factors						
	15	27	39	51	63	75	87
	0.587	0.508	0.410	0.323	0.249	0.190	0.134
Months-to-Ultimate	99	111	123	135	147	159	171
	0.102	0.081	0.063	0.041	0.018	0.008	0.000

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

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

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

* Projected values are identified by a 'P' in column (1).
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OCCURRENCE SEVERITY TREND
MULTISTATE
PRODUCTS

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

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

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

OCCURRENCE SEVERITY TREND
MULTISTATE
PRODUCTS

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

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

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

PRODUCTS

FREQUENCY TREND
MULTISTATE

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

Bodily Injury and Property Damage Combined

(1) Accident Year <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:

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

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" 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)	FORMULA CRED. (4)	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	.1079	.990	1.015	.963	.094	.091	-3.2	.094	.091
51356	79244	306665	.02589	.0801	.929	.953	.905	.620	.560	-9.7	.620	.560
51357	7407	23518	3.80602	.0639	1.186	1.216	1.154	.660	.760	15.2	.660	.760
51358	27215	86709	.00000	.0675	.939	.963	.914	.141	.129	-8.5	.141	.129
51359	71710	280441	.12829	.0786	.938	.962	.913	.780	.710	-9.0	.780	.710
51752	610679	3131682	.66985	.2154	.935	.959	.910	.165	.150	-9.1	.165	.150
52002	1621678	8473765	.75300	.3862	.909	.932	.885	.129	.114	-11.6	.129	.114
53001	2324615	11759021	.86029	.4587	.940	.964	.915	.330	.300	-9.1	.330	.300
53374	6541650	28930150	.77796	.6653	.855	.877	.832	.310	.260	-16.1	.310	.260
53375	1850458	9565469	1.77973	.4124	1.326	1.360	1.291	.223	.270	21.1	.223	.270
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	5 YEAR	5 YEAR	CRED.	ER	INDEX	CHANGE	PRESENT	PROPOSED	STATE-	PRESENT	PROPOSED
	MONO/MULTI	MONO/MULTI	MONO/MULTI					EXPERIENCE	FORMULA	STATE	STATE	WIDE
	ALCCL	ALCCL	RATIO	(4)	(5)	(6)	(7)	OCUR	OCUR	%	OCUR	OCUR
	(1)	(2)	(3)					(8)	(9)	(10)	(11)	(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)	FORMULA 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

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

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LOSS COST % CHANGE BY CLASS

SUBLINE: PRODUCTS

CLASS GROUP: 05

NUMBER OF YEARS OF DATA USED: 5

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

CLASS	AYE 2019	5 YEAR	5 YEAR	CRED.	FORMULA	INDEX	CHANGE	PRESENT	PROPOSED	STATE-	PRESENT	PROPOSED
	MONO/MULTI	MONO/MULTI	MONO/MULTI					MULTI-	MULTI-	WIDE	STATEWIDE	STATEWIDE
	ALCCL	ALCCL	EXPERIENCE		ER		FACTOR	STATE	STATE	%	OCCUR	OCCUR
	(1)	(2)	RATIO	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
51380	1414	7163	.32947	.1504	1.329	.961	.934	.044	.041	-6.8	.044	.041
51575	201799	1031278	1.30798	.2005	1.466	1.060	1.030	.020	.021	5.0	.020	.021
51576	234866	1047315	1.41600	.2012	1.487	1.075	1.045	.093	.097	4.3	.093	.097
51613	61033	399625	1.04746	.1703	1.427	1.032	1.003	.139	.139	0.0	.139	.139
51666	39820	249138	.00000	.1628	1.260	.911	.885	.101	.089	-11.9	.101	.089
51767	653	3410	.00000	.1502	1.279	.925	.899	.008	.007	-12.5	.008	.007
51833	1568	7777	.00000	.1504	1.279	.925	.899	.060	.054	-10.0	.060	.054
51869	127250	668629	1.04367	.1834	1.421	1.027	.998	.136	.136	0.0	.136	.136
51889	868	4185	.00000	.1502	1.279	.925	.899	.012	.011	-8.3	.012	.011
51941	1620138	8203676	1.29974	.4342	1.416	1.024	.995	.041	.041	0.0	.041	.041
52469	2178258	10180102	1.09882	.4764	1.312	.949	.922	.104	.096	-7.7	.104	.096
55647	388728	1870267	1.42673	.2373	1.487	1.075	1.045	.062	.065	4.8	.062	.065
55802	16342	105317	5.95377	.1554	2.197	1.589	1.544	.009	.011	22.2	.009	.011
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

X-TILDE: 1.229 X-TILDE (MONOLINE): 1.383 PI-TILDE: .0070485
 TAU SQUARED: .03000 SIGMA SQUARED: 490006.24567

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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)
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	.038	.044	15.8	.038	.044
51927	435768	1992520	1.10450	.2989	1.009	1.063	1.006	.131	.132	0.8	.131	.132
51934	30975	617720	.12479	.1309	.858	.904	.856	.125	.107	-14.4	.125	.107
51956	1489747	7355895	.90172	.6003	.928	.978	.926	.221	.205	-7.2	.221	.205
51957	1320055	6661492	1.19457	.5767	1.099	1.158	1.096	.420	.460	9.5	.420	.460
51960	4118	29678	.00000	.0317	.938	.988	.935	.350	.330	-5.7	.350	.330
51982	11270	56054	.00000	.0366	.933	.983	.930	.083	.077	-7.2	.083	.077
51986	37851	256749	.50018	.0726	.935	.985	.932	.103	.096	-6.8	.103	.096
51999	145738	672942	.61095	.1392	.919	.968	.916	.440	.400	-9.1	.440	.400
52075	62549	250262	.24674	.0715	.917	.966	.914	.243	.222	-8.6	.243	.222
52134	2109846	10635756	.94107	.6835	.950	1.001	.947	.630	.600	-4.8	.630	.600
52315	500835	2386459	1.23792	.3357	1.059	1.116	1.056	.260	.270	3.8	.260	.270
52505	59121	184173	3.16342	.0599	1.100	1.159	1.097	.216	.237	9.7	.216	.237
52547	221159	1097930	.64941	.1980	.905	.954	.903	.078	.070	-10.3	.078	.070
52911	941082	4745325	.92428	.4945	.947	.998	.944	.450	.420	-6.7	.450	.420
52967	24175	122326	.42102	.0488	.942	.993	.940	.062	.058	-6.5	.062	.058

U

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)
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	1.1451	1.171	1.234	1.168	.088	.103	17.0	.088	.103
59378	0	18	.00000	.0261	.943	.994	.941	.150	.141	-6.0	.150	.141
59481	75084	415448	1.04688	.0992	.976	1.028	.973	.099	.096	-3.0	.099	.096
59701	1412	55279	5.39244	.0365	1.130	1.191	1.127	.290	.330	13.8	.290	.330
59713	301763	1548246	1.38248	.2522	1.073	1.131	1.070	.310	.330	6.5	.310	.330
59722	62318	297369	.06894	.0795	.897	.945	.894	.031	.028	-9.7	.031	.028
59723	16196	91896	.00000	.0433	.927	.977	.925	.037	.034	-8.1	.037	.034
59726	86627	635036	1.04701	.1335	.979	1.032	.977	.024	.023	-4.2	.024	.023
59738	14791	80067	.00000	.0411	.929	.979	.926	.064	.059	-7.8	.064	.059
59773	0	0	.00000	.0000	.969	1.000	.946	.028	.026	-7.1	.028	.026
59774	728	2250	.00000	.0265	.943	.994	.941	.150	.141	-6.0	.150	.141
59775	0	0	.00000	.0000	.000	.000	.000	.188	.178	-5.3	.188	.178
59798	919213	3825907	.85201	.4426	.917	.966	.914	.500	.460	-8.0	.500	.460
59886	16350	102900	.00000	.0453	.925	.975	.923	.108	.100	-7.4	.108	.100
59889	13663	85035	4.93982	.0420	1.135	1.196	1.132	.165	.187	13.3	.165	.187
59914	833217	4058659	1.06610	.4567	1.013	1.067	1.010	.680	.690	1.5	.680	.690
59915	167755	772943	.44403	.1538	.888	.936	.886	.750	.660	-12.0	.750	.660
59917	109027	505380	2.45413	.1136	1.137	1.198	1.134	.205	.232	13.2	.205	.232
59931	211163	843839	.40513	.1639	.876	.923	.873	.550	.480	-12.7	.550	.480
59932	4051	174717	.00000	.0582	.912	.961	.909	.880	.800	-9.1	.880	.800
59947	14807	89363	.00000	.0428	.927	.977	.925	.320	.300	-6.3	.320	.300
59955	20556	108932	.01373	.0464	.924	.974	.922	.143	.132	-7.7	.143	.132
59970	19383	102003	.00000	.0451	.925	.975	.923	.183	.169	-7.7	.183	.169

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

L - CAPPED DOWN
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 N - NOT SUBJECT TO CAPPING
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LOSS COST % CHANGE BY CLASS

SUBLINE: PRODUCTS

CLASS GROUP: 06

NUMBER OF YEARS OF DATA USED: 5

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

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: 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

L - CAPPED DOWN

U - CAPPED UP

N - NOT SUBJECT TO CAPPING

E - SUBJECT TO CAPPING EXCEPTION

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	EXPOSURE DEVELOPMENT FACTOR+	EXPOSURE TREND#	AVERAGE IPMF*	TRENDED \$100,000
		BASIC LIMIT AGGREGATE LOSS COSTS AT CURRENT LEVEL				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	\$218,725,876	1.000	1.077	0.993	\$233,918,794
	12/31/2018	226,242,467	1.000	1.042	0.996	234,801,672
	12/31/2019	226,903,981	1.017	1.018	0.998	234,445,223
TOTAL	12/31/2017					\$343,172,047
	12/31/2018					347,232,299
	12/31/2019					352,878,101

+ 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 DEVELOPMENT X FACTOR#	UNALLOCATED LOSS ADJ. X FACTOR	SEVERITY X TREND	FREQUENCY X TREND	=	\$100,000
			BASIC LIMIT LOSSES AND ALAE*						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			SEVERITY TREND	FREQUENCY TREND	=	\$100,000	
			BAISC LIMIT LOSSES AND ALAE*	BASIC LIMIT DEVELOPMENT FACTOR#	UNALLOCATED LOSS ADJ. FACTOR				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.

OREGON

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	1.272
35	Not Applicable	--
36	Service Policy	1.470
37	Industrial/Processing Policy	0.836
38	Contractors Policy	0.957

(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.

OREGON

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	1.042	0.9463	1.041	4,000,000
27 to 39 Months	0.999	1.000	0.6886	1.000	31,000,000
<u>Accident Year Ending</u>	<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		1.000	1.000		1.000
12/31/2019	1.041	1.000	1.000		1.041

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

OREGON
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	14,516,907	14,286,202	14,296,731	14,296,364	14,296,237	14,294,988	14,293,640	14,293,640
12/31/2013	16,674,510	17,028,112	17,002,198	16,998,139	16,997,478	16,992,666	16,992,666	
12/31/2014	19,065,584	19,830,991	19,840,150	19,848,226	19,848,249	19,848,249		
12/31/2015	20,003,095	21,244,848	21,280,088	21,281,299	21,281,299			
12/31/2016	21,880,797	22,946,426	22,924,663	22,924,157				
12/31/2017	23,477,642	24,350,710	24,354,688					
12/31/2018	25,094,193	26,059,358						
12/31/2019	26,467,024							

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	0.984	1.001	1.000	1.000	1.000	1.000	1.000
12/31/2013	1.021	0.998	1.000	1.000	1.000	1.000	
12/31/2014	1.040	1.000	1.000	1.000	1.000		
12/31/2015	1.062	1.002	1.000	1.000			
12/31/2016	1.049	0.999	1.000				
12/31/2017	1.037	1.000					
12/31/2018	1.038						
12/31/2019							

Average Best 3 of 5

<u>27:15</u>	<u>39:27</u>
1.042	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
27:15
 1.016

39:27
 0.999

LOCAL PRODUCTS/COMPLETED OPERATIONS LOSS DEVELOPMENT DATA
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LOCAL PRODUCTS

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OREGON

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	2.841	0.0718	1.994	350,000
27 to 39 Months	1.447	1.053	0.5097	1.246	390,000
39 to 51 Months	1.064	0.971	0.7058	0.998	420,000
51 to 63 Months	1.000	1.015	0.6661	1.010	460,000
63 to 75 Months	0.979	1.000	0.4354	0.988	510,000
75 to 87 Months	0.986	1.000	0.2926	0.990	550,000
87 to 99 Months	0.985	0.991	0.2422	0.986	610,000
99 to 111 Months	0.996	0.999	0.4622	0.997	660,000
111 to 123 Months	0.990	1.027	0.4444	1.006	730,000
123 to 135 Months	0.996	0.999	0.3905	0.997	800,000
135 to 147 Months	0.999	1.000	0.4397	0.999	880,000
147 to 159 Months	0.999	1.000	0.5205	1.000	970,000
159 to 171 Months	0.999	1.000	0.5827	1.000	1,100,000
171 to 183 Months	1.000	1.000	0.4709	1.000	1,200,000
183 to 195 Months	1.000	1.000	0.3991	1.000	1,300,000
195 to 207 Months	0.999	1.000	0.2125	0.999	1,400,000
207 to 219 Months	1.000	1.000	0.2070	1.000	1,600,000
219 to 231 Months	1.000	1.000	0.0814	1.000	1,700,000
231 to 243 Months	1.000	1.000	0.0528	1.000	1,900,000
243 to ULTIMATE	The Multistate ratio has been used.				

Accident Year Ending	Loss Development From										
	27:15	39:27	51:39	63:51	75:63	87:75	99:87	111:99	123:111	135:123	147:135
12/31/2017			0.998	1.010	0.988	0.990	0.986	0.997	1.006	0.997	0.999
12/31/2018		1.246	0.998	1.010	0.988	0.990	0.986	0.997	1.006	0.997	0.999
12/31/2019	1.994	1.246	0.998	1.010	0.988	0.990	0.986	0.997	1.006	0.997	0.999
	<u>159:147</u>	<u>171:159</u>	<u>183:171</u>	<u>195:183</u>	<u>207:195</u>	<u>219:207</u>	<u>231:219</u>	<u>243:231</u>	<u>ULT:243</u>		<u>Factor</u>
12/31/2017	1.000	1.000	1.000	1.000	0.999	1.000	1.000	1.000	1.000		0.970
12/31/2018	1.000	1.000	1.000	1.000	0.999	1.000	1.000	1.000	1.000		1.209
12/31/2019	1.000	1.000	1.000	1.000	0.999	1.000	1.000	1.000	1.000		2.410

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

OREGON

Completed Operations
Bodily Injury
Full Coverage
ALAE

Calculation of Cumulative Incremental Factors

(1) EVALUATION PERIOD	(2) 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.

<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>
	0.487	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	3,639	15,525	0.296	4,595	8,234	1.014	8,348
12/31/2018	62,182	114,463	0.421	48,188	110,370	1.014	111,913
12/31/2019	23,935	533,820	0.487	259,971	283,906	1.014	287,878

(A) See Section G - Multistate Loss Development.

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

OREGON

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	1.445	0.6616	1.373	1,000,000
27 to 39 Months	1.117	1.368	0.7552	1.307	1,100,000
39 to 51 Months	1.060	1.136	0.7968	1.121	1,100,000
51 to 63 Months	1.041	1.088	0.7593	1.077	1,200,000
63 to 75 Months	1.040	1.049	0.7703	1.047	1,300,000
75 to 87 Months	1.030	1.060	0.7559	1.053	1,400,000
87 to 99 Months	1.023	1.033	0.7579	1.031	1,500,000
99 to 111 Months	1.041	1.044	0.7416	1.043	1,600,000
111 to 123 Months	1.017	1.052	0.7670	1.044	1,700,000
123 to 135 Months	1.020	1.051	0.7702	1.044	1,900,000
135 to 147 Months	1.011	1.009	0.8059	1.009	2,000,000
147 to 159 Months	1.010	1.013	0.7928	1.012	2,200,000
159 to 171 Months	1.006	1.000	0.7680	1.001	2,300,000
171 to 183 Months	1.008	1.000	0.6643	1.003	2,500,000
183 to 195 Months	1.003	1.000	0.5851	1.001	2,700,000
195 to 207 Months	1.002	1.000	0.5523	1.001	2,900,000
207 to 219 Months	1.003	1.000	0.5596	1.001	3,100,000
219 to 231 Months	1.002	1.000	0.4524	1.001	3,300,000
231 to 243 Months	1.001	1.000	0.3056	1.001	3,500,000
243 to ULTIMATE	The Multistate ratio has been used.				

Accident Year Ending	Loss Development From										Factor
	27:15	39:27	51:39	63:51	75:63	87:75	99:87	111:99	123:111	135:123	
12/31/2017			1.121	1.077	1.047	1.053	1.031	1.043	1.044	1.044	1.009
12/31/2018		1.307	1.121	1.077	1.047	1.053	1.031	1.043	1.044	1.044	1.009
12/31/2019	1.373	1.307	1.121	1.077	1.047	1.053	1.031	1.043	1.044	1.044	1.009
		159:147	171:159	183:171	195:183	207:195	219:207	231:219	243:231	ULT:243	
12/31/2017	1.012	1.001	1.003	1.001	1.001	1.001	1.001	1.001	1.001	1.001	1.609
12/31/2018	1.012	1.001	1.003	1.001	1.001	1.001	1.001	1.001	1.001	1.001	2.103
12/31/2019	1.012	1.001	1.003	1.001	1.001	1.001	1.001	1.001	1.001	1.001	2.887

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

OREGON

Completed Operations
Property Damage
Full Coverage
ALAE

Calculation of Cumulative Incremental Factors

(1) EVALUATION PERIOD	(2) 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.

<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>
	0.503	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	1,263,433	4,163,921	0.357	1,486,520	2,749,953	1.034	2,843,438
12/31/2018	527,122	6,502,020	0.437	2,841,383	3,368,505	1.034	3,483,021
12/31/2019	218,270	3,887,322	0.503	1,955,323	2,173,593	1.034	2,247,485

(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
 OREGON
 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	17,353	118,853	126,109	125,859	103,372	137,708	125,872	105,872	130,872	105,872	105,872
12/31/2001	6,450	31,200	57,493	32,493	43,393	44,693	44,693	44,693	44,693	44,693	44,693
12/31/2002	25,000	17,744	17,556	42,556	81,273	77,709	59,708	59,708	231,279	214,678	252,046
12/31/2003	5,003		68,500	65,813	2,813	51,037	51,037	27,636	42,636	66,037	66,037
12/31/2004	17,100	4,600	339,600	417,100	419,599	434,599	414,399	434,799	528,848	482,166	487,169
12/31/2005	10,753	107,253	68,750	122,750	122,750	255,948	451,347	479,348	464,348	464,352	471,743
12/31/2006	341,084	589,934	485,421	492,921	507,254	507,254	507,254	507,254	547,254	534,597	533,595
12/31/2007	55,698	113,609	99,888	72,527	79,126	83,826	50,027	47,527	47,527	52,527	47,527
12/31/2008	42,387	93,407	95,908	109,540	125,863	100,470	131,582	109,582	114,582	109,582	109,582
12/31/2009	126,250	302,751	311,951	368,872	349,420	353,370	374,371	364,419	350,520	350,420	350,419
12/31/2010	16,198	4,600	100,101	103,600	129,917	141,619	111,119	131,120	118,869	135,975	
12/31/2011	97,847	65,216	95,841	89,341	93,688	71,688	71,688	71,788	74,268		
12/31/2012	22,399	30,600	17,296	12,196	12,201	12,199	12,199	12,199			
12/31/2013	161,629	148,185	144,943	143,633	143,632	143,632	143,632				
12/31/2014	247,696	240,744	198,543	227,523	237,525	237,525					
12/31/2015	92,443	218,149	593,636	546,588	527,657						
12/31/2016	3,507	171,006	215,206	215,203							
12/31/2017	4,252	16,250	15,000								
12/31/2018	19,327	45,266									
12/31/2019	160,415										
A.Y.E.	147 Months	159 Months	171 Months	183 Months	195 Months	207 Months	219 Months	231 Months	243 Months		
12/31/2000	105,872	105,872	105,872	105,872	105,872	105,872	105,872	105,872	105,872		
12/31/2001	44,693	44,693	44,693	44,693	44,693	44,693	44,693	44,693	44,693		
12/31/2002	252,046	252,046	267,046	267,046	267,046	267,046	267,046				
12/31/2003	66,037	66,037	66,037	66,037	66,037	66,037					
12/31/2004	482,166	530,166	530,166	530,166	530,166						
12/31/2005	471,743	471,996	471,752	471,743							
12/31/2006	533,595	533,595	533,595								
12/31/2007	47,527	47,527									
12/31/2008	109,582										

COMPLETED OPERATIONS (Subline Code 336)

FULL COVERAGE

OREGON

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	6.849	1.061	0.998	0.821	1.332	0.914	0.841	1.236	0.809	1.000	1.000
12/31/2001	4.837	1.843	0.565	1.335	1.030	1.000	1.000	1.000	1.000	1.000	1.000
12/31/2002	0.710	0.989	2.424	1.910	0.956	0.768	1.000	3.874	0.928	1.174	1.000
12/31/2003	0.000		0.961	0.043	18.143	1.000	0.541	1.543	1.549	1.000	1.000
12/31/2004	0.269	73.826	1.228	1.006	1.036	0.954	1.049	1.216	0.912	1.010	0.990
12/31/2005	9.974	0.641	1.785	1.000	2.085	1.763	1.062	0.969	1.000	1.016	1.000
12/31/2006	1.730	0.823	1.015	1.029	1.000	1.000	1.000	1.079	0.977	0.998	1.000
12/31/2007	2.040	0.879	0.726	1.091	1.059	0.597	0.950	1.000	1.105	0.905	1.000
12/31/2008	2.204	1.027	1.142	1.149	0.798	1.310	0.833	1.046	0.956	1.000	1.000
12/31/2009	2.398	1.030	1.182	0.947	1.011	1.059	0.973	0.962	1.000	1.000	
12/31/2010	0.284	21.761	1.035	1.254	1.090	0.785	1.180	0.907	1.144		
12/31/2011	0.667	1.470	0.932	1.049	0.765	1.000	1.001	1.035			
12/31/2012	1.366	0.565	0.705	1.000	1.000	1.000	1.000				
12/31/2013	0.917	0.978	0.991	1.000	1.000	1.000					
12/31/2014	0.972	0.825	1.146	1.044	1.000						
12/31/2015	2.360	2.721	0.921	0.965							
12/31/2016	48.761	1.258	1.000								
12/31/2017	3.822	0.923									
12/31/2018	2.342										
3 Yr Mean	18.308	1.634	1.022	1.003	1.000	1.000	1.060	0.968	1.033	0.968	1.000
Best 3/5	2.841	1.053	0.971	1.015	1.000	1.000	0.991	0.999	1.027	0.999	1.000

A.Y.E.	159:147	171:159	183:171	195:183	207:195	219:207	231:219	243:231
12/31/2000	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	1.060	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	1.100	1.000	1.000	1.000	1.000 *	1.000 *	1.000 *	1.000 *
12/31/2005	1.001	0.999	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.	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	0.991	0.999	1.027	0.999	1.000
12/31/2016				1.015	1.000	1.000	0.991	0.999	1.027	0.999	1.000
12/31/2017			0.971	1.015	1.000	1.000	0.991	0.999	1.027	0.999	1.000
12/31/2018		1.053	0.971	1.015	1.000	1.000	0.991	0.999	1.027	0.999	1.000
12/31/2019	2.841	1.053	0.971	1.015	1.000	1.000	0.991	0.999	1.027	0.999	1.000

A.Y.E.	147/159	159/171	171/183	183/195	195/207	207/219	219/231	231/243	243/Ult	FACTORS
12/31/2015	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000*	1.016
12/31/2016	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000*	1.031
12/31/2017	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000*	1.001
12/31/2018	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000*	1.054
12/31/2019	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000*	2.995

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

COMPLETED OPERATIONS (Subline Code 336)
 FULL COVERAGE
 OREGON
 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	1,314	13,529	17,933	24,916	28,454	40,405	46,743	46,857	57,953	88,335	88,335
12/31/2001	230	11,162	24,133	23,969	27,285	34,743	35,049	35,202	35,202	35,202	35,202
12/31/2002	8,799	2,861	2,265	2,265	14,482	44,769	21,932	27,349	120,604	150,731	147,978
12/31/2003	0	0	6,487	58,874	121,061	122,812	155,943	156,523	182,633	202,625	202,625
12/31/2004	12,357	14,187	38,704	43,461	44,904	68,969	76,172	86,426	126,874	126,874	126,874
12/31/2005	353	17,125	25,899	68,367	95,156	187,093	333,379	431,836	436,941	438,202	451,152
12/31/2006	93,775	118,979	154,397	174,991	180,281	181,103	181,103	181,103	271,103	234,922	235,008
12/31/2007	11,035	53,507	63,121	38,178	70,458	79,346	85,541	85,541	85,541	90,541	103,541
12/31/2008	150	21,677	28,473	49,477	100,015	102,929	118,956	120,181	120,181	120,181	120,181
12/31/2009	6,596	47,255	64,117	135,831	150,029	154,117	154,444	158,757	181,154	191,273	191,273
12/31/2010	100	100	6,996	8,571	15,245	18,676	21,944	23,397	32,835	33,425	
12/31/2011	8,207	48,215	73,929	88,153	95,767	98,319	98,319	99,394	99,909		
12/31/2012	1,000	20,928	7,733	14,961	14,961	14,961	14,961	14,961			
12/31/2013	7,476	85,942	104,100	106,032	106,049	106,575	106,575				
12/31/2014	11,001	140,547	284,479	308,524	312,343	312,343					
12/31/2015	1,315	2,260	148,315	223,711	232,696						
12/31/2016	11,904	24,738	39,536	62,490							
12/31/2017	501	3,889	3,639								
12/31/2018	0	62,182									
12/31/2019	23,935										

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	88,335	88,335	88,335	88,335	88,335	88,335	88,335	88,335	88,335
12/31/2001	35,202	35,202	35,202	35,202	35,202	35,202	35,202	35,202	
12/31/2002	147,978	147,978	147,978	147,978	147,978	147,978	147,978		
12/31/2003	202,625	202,625	202,625	202,625	202,625	202,625			
12/31/2004	126,874	126,874	126,874	126,874	126,874				
12/31/2005	451,152	451,152	451,152	451,152					
12/31/2006	235,008	235,008	235,008						
12/31/2007	94,095	94,095							
12/31/2008	120,181								

COMPLETED OPERATIONS (Subline Code 336)
 FULL COVERAGE
 OREGON
 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	440,675	758,227	772,436	965,786	1,190,985	1,284,322	1,347,279	1,411,573	1,709,661	1,673,826	1,545,370
12/31/2001	265,516	543,544	629,533	831,388	971,849	1,057,797	1,174,470	1,337,651	1,353,612	1,355,990	1,298,883
12/31/2002	339,692	756,915	603,893	912,000	896,932	969,245	1,259,957	1,586,588	1,558,908	1,492,368	1,324,541
12/31/2003	107,896	471,212	809,103	1,083,936	1,377,663	1,535,531	1,232,873	1,271,049	1,291,132	1,366,858	1,310,148
12/31/2004	280,174	568,680	771,766	992,958	1,173,383	1,027,759	1,159,905	1,232,985	1,292,192	1,251,937	1,321,608
12/31/2005	209,816	444,404	689,833	891,577	1,016,186	1,302,927	1,375,752	1,995,150	2,067,458	2,066,829	2,297,624
12/31/2006	621,914	1,199,492	1,460,515	1,648,787	2,176,765	2,746,590	3,145,408	3,346,170	3,409,545	3,569,501	3,723,274
12/31/2007	887,699	1,112,393	1,211,353	1,540,118	1,680,638	2,016,943	1,974,841	2,017,825	2,141,728	2,415,322	2,328,926
12/31/2008	872,533	984,789	1,255,285	1,327,164	1,592,072	1,724,423	1,812,667	1,927,258	2,101,869	2,129,840	2,253,897
12/31/2009	735,272	1,171,990	1,423,584	1,484,202	1,662,164	1,539,338	1,623,831	1,656,609	1,666,500	1,823,997	1,918,572
12/31/2010	1,115,796	1,255,346	1,430,788	1,383,726	1,531,309	1,560,174	1,645,818	1,808,372	1,826,854	1,825,891	
12/31/2011	787,061	750,680	716,274	933,366	973,515	1,027,776	1,108,257	1,127,407	1,194,565		
12/31/2012	1,123,822	1,257,163	1,310,099	1,586,648	1,810,903	1,941,801	1,942,226	1,966,572			
12/31/2013	671,408	1,004,991	1,058,523	1,261,969	1,184,062	1,366,531	1,461,667				
12/31/2014	783,224	855,628	1,058,070	1,147,377	1,365,297	1,318,365					
12/31/2015	875,533	891,900	1,217,076	1,377,056	1,487,413						
12/31/2016	534,364	1,355,579	2,037,699	2,182,703							
12/31/2017	819,087	1,146,182	1,757,838								
12/31/2018	601,471	1,108,234									
12/31/2019	1,093,241										
<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	1,548,921	1,541,558	1,540,344	1,540,346	1,540,346	1,540,330	1,540,330	1,540,330	1,540,330		
12/31/2001	1,241,480	1,179,132	1,179,132	1,179,132	1,191,132	1,186,290	1,186,190	1,186,190			
12/31/2002	1,212,284	1,212,286	1,212,284	1,212,284	1,212,284	1,212,284	1,212,284				
12/31/2003	1,194,636	1,174,632	1,174,631	1,174,633	1,174,633	1,254,633					
12/31/2004	1,321,430	1,421,422	1,421,424	1,421,422	1,421,422						
12/31/2005	2,356,583	2,330,929	2,350,401	2,350,396							
12/31/2006	3,681,736	3,863,136	3,863,123								
12/31/2007	2,379,176	2,379,176									
12/31/2008	2,265,527										

COMPLETED OPERATIONS (Subline Code 336)

FULL COVERAGE

OREGON

PROPERTY DAMAGE - OCCURENCE

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	1.721	1.019	1.250	1.233	1.078	1.049	1.048	1.211	0.979	0.923	1.002
12/31/2001	2.047	1.158	1.321	1.169	1.088	1.110	1.139	1.012	1.002	0.958	0.956
12/31/2002	2.228	0.798	1.510	0.983	1.081	1.300	1.259	0.983	0.957	0.888	0.915
12/31/2003	4.367	1.717	1.340	1.271	1.115	0.803	1.031	1.016	1.059	0.959	0.912
12/31/2004	2.030	1.357	1.287	1.182	0.876	1.129	1.063	1.048	0.969	1.056	1.000
12/31/2005	2.118	1.552	1.292	1.140	1.282	1.056	1.450	1.036	1.000	1.112	1.026
12/31/2006	1.929	1.218	1.129	1.320	1.262	1.145	1.064	1.019	1.047	1.043	0.989
12/31/2007	1.253	1.089	1.271	1.091	1.200	0.979	1.022	1.061	1.128	0.964	1.022
12/31/2008	1.129	1.275	1.057	1.200	1.083	1.051	1.063	1.091	1.013	1.058	1.005
12/31/2009	1.594	1.215	1.043	1.120	0.926	1.055	1.020	1.006	1.095	1.052	
12/31/2010	1.125	1.140	0.967	1.107	1.019	1.055	1.099	1.010	0.999		
12/31/2011	0.954	0.954	1.303	1.043	1.056	1.078	1.017	1.060			
12/31/2012	1.119	1.042	1.211	1.141	1.072	1.000	1.013				
12/31/2013	1.497	1.053	1.192	0.938	1.154	1.070					
12/31/2014	1.092	1.237	1.084	1.190	0.966						
12/31/2015	1.019	1.365	1.131	1.080							
12/31/2016	2.537	1.503	1.071								
12/31/2017	1.399	1.534									
12/31/2018	1.843										
3 Yr Mean	1.926	1.467	1.095	1.069	1.064	1.049	1.043	1.025	1.036	1.025	1.005
Best 3/5	1.445	1.368	1.136	1.088	1.049	1.060	1.033	1.044	1.052	1.051	1.009

A.Y.E.	159:147	171:159	183:171	195:183	207:195	219:207	231:219	243:231
12/31/2000	0.995	0.999	1.000	1.000	1.000	1.000	1.000	1.000
12/31/2001	0.950	1.000	1.000	1.010	0.996	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	0.983	1.000	1.000	1.000	1.068	1.000 *	1.000 *	1.000 *
12/31/2004	1.076	1.000	1.000	1.000	1.000 *	1.000 *	1.000 *	1.000 *
12/31/2005	0.989	1.008	1.000					
12/31/2006	1.049	1.000						
12/31/2007	1.000							
3 Yr Mean	1.013	1.003	1.000	1.000	1.021 @	1.000 @	1.000 @	1.000 @
Best 3/5	1.013	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					1.049	1.060	1.033	1.044	1.052	1.051	1.009
12/31/2016				1.088	1.049	1.060	1.033	1.044	1.052	1.051	1.009
12/31/2017			1.136	1.088	1.049	1.060	1.033	1.044	1.052	1.051	1.009
12/31/2018		1.368	1.136	1.088	1.049	1.060	1.033	1.044	1.052	1.051	1.009
12/31/2019	1.445	1.368	1.136	1.088	1.049	1.060	1.033	1.044	1.052	1.051	1.009

A.Y.E.	147/159	159/171	171/183	183/195	195/207	207/219	219/231	231/243	243/Ult	FACTORS
12/31/2015	1.013	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000*	1.355
12/31/2016	1.013	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000*	1.474
12/31/2017	1.013	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000*	1.675
12/31/2018	1.013	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000*	2.291
12/31/2019	1.013	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000*	3.311

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

COMPLETED OPERATIONS (Subline Code 336)
 FULL COVERAGE
 OREGON
 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	67,965	160,660	174,723	318,236	354,114	522,844	745,530	916,156	1,062,617	1,103,831	1,147,111
12/31/2001	13,259	35,189	123,180	369,178	490,742	557,606	673,803	735,129	781,757	1,026,952	1,143,356
12/31/2002	74,901	246,014	176,762	338,137	444,966	697,258	758,234	838,350	958,547	998,057	1,060,794
12/31/2003	21,806	166,623	408,558	545,304	741,600	931,783	935,653	986,549	1,069,643	1,164,305	1,251,690
12/31/2004	31,439	148,121	213,655	666,515	816,892	881,341	964,325	993,799	1,040,010	1,079,438	1,114,233
12/31/2005	23,364	190,680	362,829	640,404	864,755	1,038,555	1,222,187	1,686,365	2,113,194	2,179,746	2,250,964
12/31/2006	56,921	329,468	426,209	789,056	1,154,552	2,105,695	2,822,263	3,032,577	3,211,671	3,406,466	3,529,166
12/31/2007	97,153	213,486	350,906	708,461	874,210	1,337,746	1,597,218	1,662,829	1,858,117	2,096,554	2,145,560
12/31/2008	149,690	263,860	463,649	625,768	687,283	911,707	988,629	1,090,743	1,194,896	1,118,738	1,269,650
12/31/2009	80,694	277,648	630,619	896,191	1,092,129	1,027,551	1,058,760	1,056,557	1,070,716	1,148,039	1,187,363
12/31/2010	107,977	880,256	1,184,756	1,314,249	1,503,543	1,684,736	1,833,861	1,848,038	1,866,201	1,862,208	
12/31/2011	189,906	670,291	861,185	1,195,482	1,346,422	1,512,246	1,526,339	1,520,978	1,552,441		
12/31/2012	330,786	672,634	745,018	1,302,281	1,727,491	1,879,789	1,887,711	1,894,383			
12/31/2013	131,761	391,248	487,285	829,268	1,024,293	1,232,248	1,343,672				
12/31/2014	65,378	234,713	507,873	749,409	959,185	1,002,419					
12/31/2015	33,131	189,892	562,631	721,010	758,404						
12/31/2016	81,655	533,711	1,220,911	1,312,567							
12/31/2017	203,428	614,204	1,339,725								
12/31/2018	78,541	412,866									
12/31/2019	203,323										

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	1,169,333	1,154,933	1,163,135	1,197,595	1,206,326	1,227,129	1,231,577	1,233,437	1,238,125
12/31/2001	1,152,740	1,097,033	1,098,292	1,099,018	1,104,515	1,112,090	1,112,090	1,112,090	
12/31/2002	1,035,308	1,018,755	1,018,755	1,018,755	1,018,755	1,018,755	1,018,755		
12/31/2003	1,215,969	1,209,838	1,209,838	1,209,838	1,209,838	1,210,417			
12/31/2004	1,267,553	1,263,496	1,266,389	1,267,164	1,267,164				
12/31/2005	2,318,224	2,305,953	2,332,267	2,332,267					
12/31/2006	3,577,204	3,684,408	3,684,408						
12/31/2007	2,225,985	2,225,985							
12/31/2008	1,268,860								

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

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

A.Y.E.	159:147	171:159	183:171	195:183	207:195	219:207	231:219	243:231			
12/31/2000	1.005	0.994	1.005	1.000	1.001	1.000	1.000	1.004			
12/31/2001	1.000	1.004	1.004	0.998	0.997	1.010	1.001	1.000 *			
12/31/2002	1.003	1.013	1.000	0.999	1.004	1.000	1.000 *	1.000 *			
12/31/2003	1.001	1.004	0.998	1.000	0.997	0.999 *	1.000 *	1.000 *			
12/31/2004	1.019	0.994	1.001	1.002	1.000 *	0.999 *	1.000 *	1.000 *			
12/31/2005	0.996	0.994	0.999								
12/31/2006	0.999	1.000									
12/31/2007	0.993										
3 Yr Mean	0.996	0.996	0.999	1.000	0.999 @	1.003 @	1.001 @	1.004 @			
Best 3/5	0.999	0.999	1.000	1.000	0.999 *	1.000 *	1.000 *	1.000 *			

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					0.979	0.986	0.985	0.996	0.990	0.996	0.999
12/31/2016				1.000	0.979	0.986	0.985	0.996	0.990	0.996	0.999
12/31/2017			1.064	1.000	0.979	0.986	0.985	0.996	0.990	0.996	0.999
12/31/2018		1.447	1.064	1.000	0.979	0.986	0.985	0.996	0.990	0.996	0.999
12/31/2019	1.928	1.447	1.064	1.000	0.979	0.986	0.985	0.996	0.990	0.996	0.999

A.Y.E.	147/159	159/171	171/183	183/195	195/207	207/219	219/231	231/243	243/Ult	FACTORS
12/31/2015	0.999	0.999	1.000	1.000	0.999	1.000	1.000	1.000	1.000*	0.930
12/31/2016	0.999	0.999	1.000	1.000	0.999	1.000	1.000	1.000	1.000*	0.930
12/31/2017	0.999	0.999	1.000	1.000	0.999	1.000	1.000	1.000	1.000*	0.990
12/31/2018	0.999	0.999	1.000	1.000	0.999	1.000	1.000	1.000	1.000*	1.432
12/31/2019	0.999	0.999	1.000	1.000	0.999	1.000	1.000	1.000	1.000*	2.761

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

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

\$100,000 Basic Limit Losses as of:

A.Y.E.	15 Months	27 Months	39 Months	51 Months	63 Months	75 Months	87 Months	99 Months	111 Months	123 Months	135 Months
12/31/2000	200,596	346,602	976,862	1,276,948	1,067,025	1,639,815	1,461,086	1,342,286	1,417,605	1,408,305	1,337,107
12/31/2001	341,894	717,993	931,446	983,561	925,921	1,006,703	1,264,056	1,362,273	1,314,023	1,301,223	1,208,023
12/31/2002	225,354	646,851	1,120,130	1,160,429	1,369,778	1,357,332	1,668,535	1,718,535	1,542,453	1,464,178	1,393,679
12/31/2003	319,688	867,685	1,366,084	1,255,628	1,211,547	1,314,289	1,316,395	1,340,895	1,320,895	1,320,895	1,344,495
12/31/2004	267,810	621,021	1,029,012	1,051,848	1,091,198	1,010,394	845,283	857,080	890,480	868,580	821,480
12/31/2005	666,165	1,019,464	969,246	921,235	1,102,588	946,878	1,048,432	1,050,432	1,013,532	1,152,441	1,097,866
12/31/2006	817,591	1,004,931	1,254,896	1,371,721	1,367,373	1,198,955	1,173,954	1,394,554	1,534,005	1,484,236	1,380,504
12/31/2007	289,168	836,860	810,021	946,250	1,039,501	1,152,701	1,092,343	1,085,168	1,060,864	1,060,365	1,108,415
12/31/2008	275,445	623,754	665,194	761,040	735,573	914,521	1,007,977	1,145,724	1,158,771	1,096,313	1,095,313
12/31/2009	471,789	950,400	1,069,085	1,263,752	1,084,741	1,154,076	1,098,109	1,097,244	1,038,243	1,153,243	1,138,109
12/31/2010	598,172	717,553	1,271,274	1,676,833	1,417,928	1,351,454	1,276,164	1,322,665	1,417,736	1,417,726	
12/31/2011	270,205	768,752	1,179,204	1,638,563	1,671,608	1,555,990	1,555,990	1,555,990	1,555,990		
12/31/2012	383,511	1,139,597	1,405,578	1,652,860	1,649,357	1,695,210	1,692,710	1,712,708			
12/31/2013	1,675,399	2,417,513	2,512,315	2,522,059	2,567,808	2,668,307	2,782,307				
12/31/2014	1,846,961	2,366,662	2,733,796	3,025,494	3,109,813	3,062,713					
12/31/2015	979,370	1,453,033	1,825,642	2,328,315	2,235,619						
12/31/2016	1,109,680	2,254,257	2,968,685	3,139,415							
12/31/2017	527,754	1,879,511	2,447,208								
12/31/2018	870,529	1,778,390									
12/31/2019	1,188,706										
A.Y.E.	147 Months	159 Months	171 Months	183 Months	195 Months	207 Months	219 Months	231 Months	243 Months		
12/31/2000	1,354,107	1,316,105	1,286,105	1,353,605	1,348,605	1,348,605	1,349,105	1,350,155	1,349,605		
12/31/2001	1,208,024	1,208,027	1,251,024	1,211,023	1,211,024	1,236,024	1,236,023	1,236,023			
12/31/2002	1,352,778	1,357,680	1,356,612	1,356,611	1,356,611	1,456,610	1,456,610				
12/31/2003	1,342,395	1,319,895	1,319,396	1,319,396	1,419,395	1,419,395					
12/31/2004	820,381	820,282	820,281	920,280	920,280						
12/31/2005	1,137,867	1,137,866	1,198,115	1,197,865							
12/31/2006	1,339,254	1,439,251	1,439,251								
12/31/2007	1,317,414	1,217,414									
12/31/2008	1,090,313										

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

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	1.728	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	1.064	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.	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					0.989	0.984	1.016	0.996	0.989	0.980	1.010
12/31/2016				1.012	0.989	0.984	1.016	0.996	0.989	0.980	1.010
12/31/2017			1.114	1.012	0.989	0.984	1.016	0.996	0.989	0.980	1.010
12/31/2018		1.238	1.114	1.012	0.989	0.984	1.016	0.996	0.989	0.980	1.010
12/31/2019	1.853	1.238	1.114	1.012	0.989	0.984	1.016	0.996	0.989	0.980	1.010

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

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

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

A.Y.E	Allocated Expenses as of:										
	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								

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

171 to Ultimate Factor: 1.014

* Calculated Using Modified Bondy Method

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

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

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 - OCCURENCE

INCURRED ACCIDENT YEAR BASIC LIMITS LOSS DEVELOPMENT EXCLUDING ALAE

Link Ratios

A.Y.E.	27: 15	39: 27	51: 39	63: 51	75: 63	87: 75	99: 87	111: 99	123:111	135:123	147:135
12/31/2000	1.389	1.195	1.134	1.064	1.073	1.087	1.037	1.018	1.025	1.007	1.011
12/31/2001	1.362	1.195	1.097	1.083	1.031	1.022	1.050	1.029	1.011	0.999	1.007
12/31/2002	1.357	1.131	1.131	1.018	1.018	1.049	1.041	1.020	0.990	1.009	1.007
12/31/2003	1.203	1.133	1.013	1.070	1.025	1.013	1.027	1.030	1.005	1.011	1.004
12/31/2004	1.240	1.111	1.114	1.054	1.050	1.041	1.024	1.038	1.014	1.027	1.016
12/31/2005	1.231	1.149	1.131	1.064	1.064	1.064	1.030	1.035	1.004	1.020	1.009
12/31/2006	1.241	1.160	1.118	1.112	1.032	1.029	0.992	1.022	1.014	1.031	1.018
12/31/2007	1.226	1.191	1.055	1.048	1.037	1.017	1.034	1.028	1.032	1.040	1.009
12/31/2008	1.183	1.112	1.042	1.020	1.024	1.034	1.018	1.121	1.106	0.936	0.977
12/31/2009	1.176	1.110	1.020	1.027	1.012	1.017	1.047	1.071	1.004	1.009	
12/31/2010	1.184	1.061	1.031	1.035	1.023	1.021	1.031	1.019	1.003		
12/31/2011	1.118	1.037	1.013	1.022	1.044	1.037	1.021	1.023			
12/31/2012	1.136	1.035	1.053	1.055	1.049	1.032	1.012				
12/31/2013	1.117	1.103	1.044	1.060	1.033	1.042					
12/31/2014	1.161	1.075	1.054	1.023	1.043						
12/31/2015	1.187	1.135	1.074	1.045							
12/31/2016	1.310	1.113	1.090								
12/31/2017	1.212	1.164									
12/31/2018	1.298										
3 Yr Mean	1.273	1.137	1.073	1.043	1.042	1.037	1.021	1.038	1.038	0.995	1.001
Best 3/5	1.232	1.117	1.060	1.041	1.040	1.030	1.023	1.041	1.017	1.020	1.011

A.Y.E.	159:147	171:159	183:171	195:183	207:195	219:207	231:219	243:231
12/31/2000	0.998	1.000	1.000	0.998	0.997	1.001	1.000	1.002
12/31/2001	0.996	1.003	1.004	0.999	1.003	1.006	0.998	1.001 *
12/31/2002	1.003	1.001	1.000	1.011	1.003	1.006	1.003 *	1.001 *
12/31/2003	1.010	1.010	1.013	1.007	1.001	1.001 *	1.003 *	1.001 *
12/31/2004	1.011	1.001	1.007	1.003	1.001 *	1.001 *	1.003 *	1.001 *
12/31/2005	1.009	1.009	1.019					
12/31/2006	1.013	1.009						
12/31/2007	1.006							
3 Yr Mean	1.009	1.006	1.013	1.007	1.002 @	1.004 @	0.999 @	1.002 @
Best 3/5	1.010	1.006	1.008	1.003	1.002 *	1.003 *	1.002 *	1.001 *

Development From

A.Y.E.	15/ 27	27/ 39	39/ 51	51/ 63	63/ 75	75/ 87	87/ 99	99/111	111/123	123/135	135/147
12/31/2015					1.040	1.030	1.023	1.041	1.017	1.020	1.011
12/31/2016				1.041	1.040	1.030	1.023	1.041	1.017	1.020	1.011
12/31/2017			1.060	1.041	1.040	1.030	1.023	1.041	1.017	1.020	1.011
12/31/2018		1.117	1.060	1.041	1.040	1.030	1.023	1.041	1.017	1.020	1.011
12/31/2019	1.232	1.117	1.060	1.041	1.040	1.030	1.023	1.041	1.017	1.020	1.011

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

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

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.	27: 15	39: 27	51: 39	63: 51	75: 63	87: 75	99: 87	111: 99	123:111	135:123	147:135
12/31/2000	1.586	1.385	1.320	1.254	1.246	1.148	1.110	1.046	1.121	1.083	1.025
12/31/2001	1.584	1.372	1.358	1.319	1.238	1.282	1.065	1.109	1.003	1.060	1.006
12/31/2002	1.361	1.450	1.238	1.176	1.233	1.121	1.122	1.130	0.996	0.999	1.016
12/31/2003	1.450	1.262	1.097	1.160	1.062	1.097	1.062	1.056	1.067	0.994	0.989
12/31/2004	1.273	1.247	1.059	1.070	1.098	1.048	1.100	1.028	1.031	1.005	0.995
12/31/2005	1.382	1.078	1.065	1.130	1.038	1.033	1.055	1.048	0.986	1.024	1.037
12/31/2006	1.194	1.119	1.054	1.008	1.078	1.061	1.038	1.021	1.061	1.047	1.007
12/31/2007	1.228	1.039	1.035	1.035	1.039	1.084	1.049	1.044	1.080	1.003	1.009
12/31/2008	1.312	1.191	1.010	1.062	1.057	1.063	1.030	1.047	1.008	1.030	1.011
12/31/2009	1.291	1.131	1.067	1.079	1.093	1.069	1.028	1.035	1.033	1.021	
12/31/2010	1.183	1.019	1.081	1.063	1.018	1.033	1.071	1.019	1.013		
12/31/2011	1.230	1.096	1.010	1.066	1.057	1.037	1.033	0.994			
12/31/2012	1.181	1.075	1.043	1.137	1.055	1.022	1.079				
12/31/2013	1.179	1.055	1.065	1.043	1.048	1.047					
12/31/2014	1.180	1.142	1.105	1.049	1.057						
12/31/2015	1.240	1.055	1.039	1.078							
12/31/2016	1.150	1.169	1.072								
12/31/2017	1.213	1.212									
12/31/2018	1.243										
3 Yr Mean	1.202	1.145	1.072	1.057	1.053	1.035	1.061	1.016	1.018	1.018	1.009
Best 3/5	1.211	1.122	1.060	1.064	1.053	1.039	1.045	1.033	1.036	1.025	1.009

A.Y.E.	159:147	171:159	183:171	195:183	207:195	219:207	231:219	243:231
12/31/2000	1.009	0.997	0.999	0.990	0.993	1.002	1.000	0.995
12/31/2001	1.003	0.986	0.997	0.993	1.002	0.997	0.999	1.000 *
12/31/2002	0.990	0.985	0.988	1.004	1.000	1.002	1.000 *	1.000 *
12/31/2003	1.015	0.974	0.996	0.996	1.000	0.999 *	1.000 *	1.000 *
12/31/2004	1.010	1.002	0.999	0.995	0.995 *	0.999 *	1.000 *	1.000 *
12/31/2005	1.015	1.013	1.002					
12/31/2006	1.008	1.019						
12/31/2007	1.013							
3 Yr Mean	1.012	1.011	0.999	0.998	1.001 @	1.000 @	1.000 @	0.995 @
Best 3/5	1.013	1.000	0.997	0.995	0.998 *	1.000 *	1.000 *	1.000 *

Development From

A.Y.E.	15/ 27	27/ 39	39/ 51	51/ 63	63/ 75	75/ 87	87/ 99	99/111	111/123	123/135	135/147
12/31/2015					1.053	1.039	1.045	1.033	1.036	1.025	1.009
12/31/2016				1.064	1.053	1.039	1.045	1.033	1.036	1.025	1.009
12/31/2017			1.060	1.064	1.053	1.039	1.045	1.033	1.036	1.025	1.009
12/31/2018		1.122	1.060	1.064	1.053	1.039	1.045	1.033	1.036	1.025	1.009
12/31/2019	1.211	1.122	1.060	1.064	1.053	1.039	1.045	1.033	1.036	1.025	1.009

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

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

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

Allocated Expenses as of:

A.Y.E	15 Months	27 Months	39 Months	51 Months	63 Months	75 Months	87 Months	99 Months	111 Months	123 Months	135 Months
12/31/2000	1,757,953	4,056,566	7,874,976	12,681,444	16,474,294	21,051,181	27,039,720	31,029,917	32,792,010	35,408,090	37,303,469
12/31/2001	3,224,507	6,541,943	12,453,523	18,086,151	23,307,618	28,895,037	34,992,799	39,042,880	42,273,519	44,282,682	45,352,211
12/31/2002	2,486,909	6,530,760	12,627,227	17,762,886	21,866,991	24,870,352	27,432,836	29,737,653	32,945,489	34,622,061	35,369,027
12/31/2003	3,439,439	6,588,087	12,290,831	16,576,239	20,881,963	24,801,289	26,886,488	29,392,224	31,401,041	33,323,038	34,883,378
12/31/2004	2,803,912	6,122,669	12,034,520	18,193,748	22,376,079	26,592,351	29,793,886	33,765,877	38,262,620	41,569,963	45,158,806
12/31/2005	2,015,444	6,342,051	11,665,463	17,215,003	22,179,840	27,844,627	31,210,751	35,393,310	39,900,046	43,547,370	45,385,271
12/31/2006	3,888,998	8,717,311	15,996,576	23,161,903	30,011,287	36,028,023	42,163,407	45,758,269	52,237,766	55,098,044	58,041,626
12/31/2007	4,454,730	9,060,203	17,105,276	23,482,644	29,502,366	35,740,087	40,289,846	45,207,161	49,352,018	53,063,540	55,992,141
12/31/2008	5,245,589	12,536,823	20,844,613	31,071,907	39,900,284	45,728,684	49,417,791	52,459,198	56,321,088	58,111,890	60,082,213
12/31/2009	7,474,944	15,526,182	26,943,689	38,649,250	47,416,250	53,417,224	57,828,371	63,074,607	65,405,140	68,313,092	70,848,513
12/31/2010	6,206,235	14,316,208	25,133,928	36,265,652	42,976,323	48,175,789	52,000,521	54,010,985	56,741,827	57,409,049	
12/31/2011	7,191,634	14,070,707	21,378,389	27,721,971	32,494,691	37,606,867	42,058,306	44,271,651	45,998,954		
12/31/2012	5,475,801	11,595,832	18,697,735	26,187,339	34,348,039	38,433,137	40,272,099	42,579,926			
12/31/2013	4,590,339	11,502,861	17,566,744	26,010,928	31,860,244	34,572,575	36,418,699				
12/31/2014	4,431,066	10,481,012	17,291,177	23,457,452	27,756,815	31,770,027					
12/31/2015	5,213,249	10,893,995	17,597,591	23,873,540	29,209,371						
12/31/2016	5,464,428	12,576,603	21,153,940	30,172,631							
12/31/2017	4,431,992	10,069,411	18,838,610								
12/31/2018	4,380,045	12,565,623									
12/31/2019	5,902,316										

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

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

171 to Ultimate Factor: 1.034

* Calculated Using Modified Bondy Method

COMPLETED OPERATIONS (Subline Code 336)
 FULL COVERAGE
 MULTISTATE
 PROPERTY DAMAGE - 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	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												

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

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

\$100,000 Basic Limit Losses as of:

A.Y.E.	15 Months	27 Months	39 Months	51 Months	63 Months	75 Months	87 Months	99 Months	111 Months	123 Months	135 Months
12/31/2000	6,003,416	7,694,200	8,540,387	9,782,857	8,936,867	8,897,430	8,863,506	8,920,694	8,836,806	8,850,539	8,833,864
12/31/2001	6,260,753	7,848,737	9,034,285	9,404,968	9,288,761	9,587,373	9,634,966	9,522,079	9,567,040	9,533,919	9,582,339
12/31/2002	6,696,271	7,908,616	9,404,611	10,634,272	10,583,447	10,485,693	10,286,297	10,269,678	10,269,878	10,266,056	10,372,057
12/31/2003	4,782,122	6,687,613	9,196,607	9,807,545	10,308,788	10,219,039	10,002,339	9,896,156	9,909,334	9,994,371	9,875,435
12/31/2004	5,821,307	7,142,281	8,478,795	9,165,644	8,940,369	8,675,279	8,748,441	8,591,927	8,630,919	8,652,348	8,623,883
12/31/2005	6,275,659	6,705,396	8,319,484	8,467,644	8,356,855	8,298,491	8,286,624	8,325,497	8,218,377	8,197,246	8,197,097
12/31/2006	5,342,988	6,549,720	8,048,086	8,075,534	7,863,619	7,640,220	7,453,148	7,462,564	7,524,064	7,524,064	7,524,064
12/31/2007	5,244,230	6,049,992	7,468,913	7,396,881	7,612,806	7,498,295	7,345,838	7,123,450	7,013,841	7,028,838	7,028,838
12/31/2008	5,600,378	6,867,080	7,840,579	7,629,512	7,370,073	7,493,419	7,516,336	7,397,585	7,397,585	7,446,585	7,446,585
12/31/2009	6,388,755	7,181,784	8,749,415	8,868,186	8,773,672	8,765,522	8,693,925	8,717,681	8,721,240	8,721,240	8,716,679
12/31/2010	7,135,395	8,618,347	10,330,310	10,459,308	10,756,304	10,591,268	10,546,652	10,544,708	10,544,708	10,538,987	
12/31/2011	6,805,548	7,855,162	8,753,462	9,259,141	9,092,658	8,944,064	8,882,255	8,754,582	8,793,025		
12/31/2012	4,779,759	6,073,468	7,247,185	7,495,742	7,541,915	7,492,376	7,439,759	7,390,798			
12/31/2013	5,287,497	6,305,432	7,107,232	7,098,974	6,982,343	6,989,417	7,083,616				
12/31/2014	4,876,394	5,892,210	6,253,902	6,415,175	6,412,082	6,517,520					
12/31/2015	5,166,783	5,488,209	6,117,286	6,585,538	6,483,126						
12/31/2016	3,952,537	5,249,400	6,824,538	6,729,246							
12/31/2017	4,160,103	5,677,268	6,497,011								
12/31/2018	3,856,296	5,182,912									
12/31/2019	4,253,514										
A.Y.E.	147 Months	159 Months	171 Months	183 Months	195 Months	207 Months	219 Months	231 Months	243 Months		
12/31/2000	8,930,364	8,856,009	8,892,304	8,928,804	8,918,552	8,898,802	9,023,802	8,993,802	9,043,802		
12/31/2001	9,588,098	9,587,098	9,628,998	9,586,098	9,566,463	9,542,223	9,649,223	9,645,363			
12/31/2002	10,345,119	10,358,118	10,365,648	10,485,647	10,385,648	10,390,649	10,387,523				
12/31/2003	9,864,435	9,854,436	9,854,435	9,864,435	9,857,240	9,857,240					
12/31/2004	8,626,382	8,624,739	8,624,739	8,624,739	8,624,739						
12/31/2005	8,204,521	8,196,054	8,198,054	8,198,425							
12/31/2006	7,524,064	7,524,064	7,524,503								
12/31/2007	7,028,838	7,029,276									
12/31/2008	7,447,024										

LOCAL PRODUCTS (Subline Code 336)

FULL COVERAGE

MULTISTATE

BODILY INJURY - OCCURRENCE

INCURRED ACCIDENT YEAR BASIC LIMITS LOSS DEVELOPMENT EXCLUDING ALAE

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

A.Y.E.	159:147	171:159	183:171	195:183	207:195	219:207	231:219	243:231			
12/31/2000	0.992	1.004	1.004	0.999	0.998	1.014	0.997	1.006			
12/31/2001	1.000	1.004	0.996	0.998	0.997	1.011	1.000	1.001 *			
12/31/2002	1.001	1.001	1.012	0.990	1.000	1.000	1.003 *	1.001 *			
12/31/2003	0.999	1.000	1.001	0.999	1.000	0.999 *	1.003 *	1.001 *			
12/31/2004	1.000	1.000	1.000	1.000	0.999 *	0.999 *	1.003 *	1.001 *			
12/31/2005	0.999	1.000	1.000								
12/31/2006	1.000	1.000									
12/31/2007	1.000										
3 Yr Mean	1.000	1.000	1.000	0.996	0.999 @	1.008 @	0.999 @	1.006 @			
Best 3/5	1.000	1.000	1.000	0.999	0.999 *	1.003 *	1.002 *	1.001 *			

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					0.993	0.994	0.993	1.000	1.001	1.000	1.000
12/31/2016				0.989	0.993	0.994	0.993	1.000	1.001	1.000	1.000
12/31/2017			1.020	0.989	0.993	0.994	0.993	1.000	1.001	1.000	1.000
12/31/2018		1.129	1.020	0.989	0.993	0.994	0.993	1.000	1.001	1.000	1.000
12/31/2019	1.293	1.129	1.020	0.989	0.993	0.994	0.993	1.000	1.001	1.000	1.000

A.Y.E.	147/159	159/171	171/183	183/195	195/207	207/219	219/231	231/243	243/Ult	FACTORS
12/31/2015	1.000	1.000	1.000	0.999	0.999	1.003	1.002	1.001	1.001*	0.986
12/31/2016	1.000	1.000	1.000	0.999	0.999	1.003	1.002	1.001	1.001*	0.975
12/31/2017	1.000	1.000	1.000	0.999	0.999	1.003	1.002	1.001	1.001*	0.995
12/31/2018	1.000	1.000	1.000	0.999	0.999	1.003	1.002	1.001	1.001*	1.123
12/31/2019	1.000	1.000	1.000	0.999	0.999	1.003	1.002	1.001	1.001*	1.452

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

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

\$100,000 Basic Limit Losses as of:

A.Y.E.	15 Months	27 Months	39 Months	51 Months	63 Months	75 Months	87 Months	99 Months	111 Months	123 Months	135 Months
12/31/2000	307,947	522,538	548,144	470,582	495,582	487,426	483,426	484,426	484,426	483,426	518,426
12/31/2001	278,108	352,647	423,736	497,128	463,128	463,128	453,128	453,128	453,128	466,532	466,532
12/31/2002	396,353	421,131	375,361	483,852	474,098	435,359	435,358	435,358	435,358	435,358	435,358
12/31/2003	117,923	247,091	212,216	266,930	184,537	118,752	117,252	92,151	92,151	92,151	92,151
12/31/2004	697,843	657,590	1,063,635	1,241,071	845,010	846,290	823,891	823,890	823,890	823,890	823,890
12/31/2005	643,891	761,839	1,111,308	1,006,815	901,847	985,264	985,263	985,313	985,313	985,942	985,942
12/31/2006	418,771	865,598	844,642	721,113	743,571	743,014	743,014	743,014	743,014	743,014	743,014
12/31/2007	356,809	468,326	750,395	792,104	741,935	732,035	732,035	763,035	763,035	763,035	757,035
12/31/2008	526,684	422,912	537,374	427,853	351,603	368,464	367,964	367,964	367,964	367,964	367,964
12/31/2009	282,839	293,410	307,353	245,369	437,719	438,719	438,619	438,619	438,619	438,619	438,619
12/31/2010	430,140	332,606	295,973	283,473	289,473	289,473	289,473	283,473	283,473	283,473	
12/31/2011	423,952	633,662	867,478	857,128	864,628	848,229	934,729	934,729	934,774		
12/31/2012	326,481	435,311	376,201	400,369	485,565	489,369	489,369	489,369			
12/31/2013	380,760	640,789	672,182	828,320	844,087	843,635	843,635				
12/31/2014	912,269	928,506	883,658	1,154,421	1,104,421	1,088,421					
12/31/2015	406,162	569,654	628,440	714,804	724,134						
12/31/2016	303,321	438,584	585,396	573,416							
12/31/2017	372,726	934,827	856,443								
12/31/2018	382,104	499,796									
12/31/2019	326,762										
A.Y.E.	147 Months	159 Months	171 Months	183 Months	195 Months	207 Months	219 Months	231 Months	243 Months		
12/31/2000	501,526	502,027	568,361	557,345	563,467	562,509	558,508	539,171	539,271		
12/31/2001	466,532	463,728	505,382	505,382	480,070	475,869	559,723	608,028			
12/31/2002	435,358	435,358	435,358	427,858	427,858	427,858	427,858				
12/31/2003	92,151	92,151	92,151	92,151	98,776	98,777					
12/31/2004	823,893	823,890	823,890	823,890	823,890						
12/31/2005	985,942	985,942	985,942	985,942							
12/31/2006	743,014	743,044	743,044								
12/31/2007	757,035	757,035									
12/31/2008	367,964										

LOCAL PRODUCTS (Subline Code 336)

DEDUCTIBLE

MULTISTATE

BODILY INJURY - OCCURRENCE

INCURRED ACCIDENT YEAR BASIC LIMITS LOSS DEVELOPMENT EXCLUDING ALAE

Link Ratios

A.Y.E.	27: 15	39: 27	51: 39	63: 51	75: 63	87: 75	99: 87	111: 99	123:111	135:123	147:135
12/31/2000	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	1.000
12/31/2010	0.773	0.890	0.958	1.021	1.000	1.000	0.979	1.000	1.000		
12/31/2011	1.495	1.369	0.988	1.009	0.981	1.102	1.000	1.000			
12/31/2012	1.333	0.864	1.064	1.213	1.008	1.000	1.000				
12/31/2013	1.683	1.049	1.232	1.019	0.999	1.000					
12/31/2014	1.018	0.952	1.306	0.957	0.986						
12/31/2015	1.403	1.103	1.137	1.013							
12/31/2016	1.446	1.335	0.980								
12/31/2017	2.508	0.916									
12/31/2018	1.308										
3 Yr Mean	1.754	1.118	1.141	0.996	0.998	1.034	0.993	1.000	1.000	0.997	1.000
Best 3/5	1.386	1.035	1.144	1.014	0.995	1.000	1.000	1.000	1.000	1.000	1.000

A.Y.E.	159:147	171:159	183:171	195:183	207:195	219:207	231:219	243:231
12/31/2000	1.001	1.132	0.981	1.011	0.998	0.993	0.965	1.000
12/31/2001	0.994	1.090	1.000	0.950	0.991	1.176	1.086	0.999 *
12/31/2002	1.000	1.000	0.983	1.000	1.000	1.000	0.999 *	0.999 *
12/31/2003	1.000	1.000	1.000	1.072	1.000	0.999 *	0.999 *	0.999 *
12/31/2004	1.000	1.000	1.000	1.000	1.004 *	0.999 *	0.999 *	0.999 *
12/31/2005	1.000	1.000	1.000					
12/31/2006	1.000	1.000						
12/31/2007	1.000							
3 Yr Mean	1.000	1.000	1.000	1.024	0.997 @	1.056 @	1.026 @	1.000 @
Best 3/5	1.000	1.000	1.000	1.004	0.999 *	0.999 *	0.999 *	0.999 *

A.Y.E.	15/ 27	27/ 39	39/ 51	Development From				99/111	111/123	123/135	135/147
				51/ 63	63/ 75	75/ 87	87/ 99				
12/31/2015					0.995	1.000	1.000	1.000	1.000	1.000	1.000
12/31/2016				1.014	0.995	1.000	1.000	1.000	1.000	1.000	1.000
12/31/2017			1.144	1.014	0.995	1.000	1.000	1.000	1.000	1.000	1.000
12/31/2018		1.035	1.144	1.014	0.995	1.000	1.000	1.000	1.000	1.000	1.000
12/31/2019	1.386	1.035	1.144	1.014	0.995	1.000	1.000	1.000	1.000	1.000	1.000

A.Y.E.	147/159	159/171	171/183	183/195	195/207	207/219	219/231	231/243	243/Ult	FACTORS
12/31/2015	1.000	1.000	1.000	1.004	0.999	0.999	0.999	0.999	0.996*	0.991
12/31/2016	1.000	1.000	1.000	1.004	0.999	0.999	0.999	0.999	0.996*	1.005
12/31/2017	1.000	1.000	1.000	1.004	0.999	0.999	0.999	0.999	0.996*	1.150
12/31/2018	1.000	1.000	1.000	1.004	0.999	0.999	0.999	0.999	0.996*	1.190
12/31/2019	1.000	1.000	1.000	1.004	0.999	0.999	0.999	0.999	0.996*	1.649

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

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

Allocated Expenses as of:

<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

A.Y.E	27: 15	39: 27	51: 39	63: 51	75: 63	87: 75	99: 87	111: 99	123: 111	135: 123	147: 135	159:147	171:159
12/31/2000	268,352	840,325	991,336	631,810	342,920	137,738	-55,152	40,647	18,192	25,671	399,305	-235,141	70,117
12/31/2001	1,130,009	1,305,586	811,469	1,094,051	498,075	903,672	251,541	253,446	-163,305	156,165	105,134	168,810	110,227
12/31/2002	823,560	1,393,988	720,747	1,027,422	311,769	101,799	138,803	62,181	3,515	98,146	52,693	63,759	5,823
12/31/2003	722,324	910,358	781,048	718,038	372,157	178,154	-21,883	9,248	35,247	73,967	-19,710	0	-2,107
12/31/2004	709,507	1,008,655	665,056	534,549	206,971	142,705	142,093	-2,058	-785	745	-2,800	22,667	-3,121
12/31/2005	676,538	1,000,156	546,797	1,153,113	-697,930	115,832	9,923	-3,771	-19,187	30	0	30,447	23,061
12/31/2006	935,852	1,164,172	1,253,020	764,073	342,528	108,241	-42,884	33,310	-4,679	0	0	140	438
12/31/2007	743,909	1,223,500	550,182	741,515	256,158	223,177	-160,947	38,260	-4,121	2,136	-933	4,755	
12/31/2008	724,908	1,519,811	632,312	188,661	113,372	73,072	32,954	14,274	4,040	0	361		
12/31/2009	890,920	1,792,131	28,492	622,045	-17,977	16,227	13,616	-1,845	10,330	-139			
12/31/2010	951,318	1,423,281	1,365,367	1,146,631	111,679	-65,473	7,409	24,509	8,733				
12/31/2011	616,462	1,267,884	1,194,231	614,163	344,696	150,863	12,076	30,051					
12/31/2012	947,248	1,898,678	939,589	520,069	437,850	123,436	44,577						
12/31/2013	1,100,425	1,275,318	1,050,632	632,512	424,277	222,333							
12/31/2014	683,088	821,629	455,981	238,127	132,604								
12/31/2015	504,298	738,813	756,798	266,038									
12/31/2016	687,371	982,377	431,264										
12/31/2017	968,861	1,058,741											
12/31/2018	325,769												

Incremental Percentages

A.Y.E	27: 15	39: 27	51: 39	63: 51	75: 63	87: 75	99: 87	111: 99	123: 111	135: 123	147: 135	159:147	171:159
12/31/2000	0.0204	0.0638	0.0753	0.0480	0.0260	0.0105	-0.0042	0.0031	0.0014	0.0019	0.0303	-0.0179	0.0053
12/31/2001	0.0829	0.0958	0.0596	0.0803	0.0366	0.0663	0.0185	0.0186	-0.0120	0.0115	0.0077	0.0124	0.0081
12/31/2002	0.0491	0.0832	0.0430	0.0613	0.0186	0.0061	0.0083	0.0037	0.0002	0.0059	0.0031	0.0038	0.0003
12/31/2003	0.0437	0.0551	0.0473	0.0435	0.0225	0.0108	-0.0013	0.0006	0.0021	0.0045	-0.0012	0.0000	-0.0001
12/31/2004	0.0586	0.0834	0.0550	0.0442	0.0171	0.0118	0.0117	-0.0002	-0.0001	0.0001	-0.0002	0.0019	-0.0003
12/31/2005	0.0523	0.0774	0.0423	0.0892	-0.0540	0.0090	0.0008	-0.0003	-0.0015	0.0000	0.0000	0.0024	0.0018
12/31/2006	0.0765	0.0951	0.1024	0.0624	0.0280	0.0088	-0.0035	0.0027	-0.0004	0.0000	0.0000	0.0000	0.0000
12/31/2007	0.0577	0.0950	0.0427	0.0575	0.0199	0.0173	-0.0125	0.0030	-0.0003	0.0002	-0.0001	0.0004	
12/31/2008	0.0579	0.1215	0.0505	0.0151	0.0091	0.0058	0.0026	0.0011	0.0003	0.0000	0.0000		
12/31/2009	0.0692	0.1391	0.0022	0.0483	-0.0014	0.0013	0.0011	-0.0001	0.0008	0.0000			
12/31/2010	0.0627	0.0938	0.0900	0.0755	0.0074	-0.0043	0.0005	0.0016	0.0006				
12/31/2011	0.0432	0.0888	0.0837	0.0430	0.0242	0.0106	0.0008	0.0021					
12/31/2012	0.0792	0.1587	0.0785	0.0435	0.0366	0.0103	0.0037						
12/31/2013	0.1006	0.1166	0.0960	0.0578	0.0388	0.0203							
12/31/2014	0.0670	0.0805	0.0447	0.0233	0.0130								
12/31/2015	0.0449	0.0657	0.0673	0.0237									
12/31/2016	0.0595	0.0850	0.0373										
12/31/2017	0.0734	0.0802											
12/31/2018	0.0367												
Best 3/5	0.0571	0.0819	0.0635	0.0367	0.0246	0.0074	0.0015	0.0016	0.0002	0.0000	0.0000	0.0008	0.0001

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

A.Y.E.	Link Ratios						
	183:171	195:183	207:195	219:207	231:219	243:231	Ult:243
12/31/2000	1.011	1.013	1.005	1.009	1.009	1.025	1.017 *
12/31/2001	1.019	1.024	1.017	1.007	1.005	1.004 *	1.017 *
12/31/2002	1.041	0.966	1.002	1.001	1.004 *	1.004 *	1.017 *
12/31/2003	1.011	0.998	0.999	1.002 *	1.004 *	1.004 *	1.017 *
12/31/2004	1.000	1.000	1.002 *	1.002 *	1.004 *	1.004 *	1.017 *
12/31/2005	1.000						
Best 3/5	1.010	1.004	1.003 *	1.004 *	1.004 *	1.004 *	1.017 *

171 to Ultimate Factor: 1.047

Months-to-Ultimate	Cumulative Incremental Factors						
	15	27	39	51	63	75	87
	0.275	0.218	0.136	0.073	0.036	0.012	0.004
Months-to-Ultimate	99	111	123	135	147	159	171
	0.003	0.001	0.001	0.001	0.001	0.000	0.000

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	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:

A.Y.E.	15 Months	27 Months	39 Months	51 Months	63 Months	75 Months	87 Months	99 Months	111 Months	123 Months	135 Months
12/31/2000	1,979,021	2,123,855	2,322,833	2,383,466	2,572,429	2,821,102	2,678,515	2,698,991	2,861,667	2,940,850	2,948,766
12/31/2001	1,690,800	1,710,622	1,883,656	1,836,606	1,823,685	1,875,719	2,042,494	2,215,070	2,222,796	2,275,452	2,283,598
12/31/2002	1,545,331	1,723,512	1,881,726	1,891,368	1,831,432	1,858,706	1,917,454	1,932,893	1,983,512	1,993,634	2,058,019
12/31/2003	1,302,387	1,900,765	2,164,538	2,174,006	2,458,659	2,459,501	2,496,685	2,510,751	2,515,897	2,556,537	2,567,340
12/31/2004	2,177,590	2,421,117	2,474,092	2,423,379	2,488,686	2,475,264	2,423,782	2,452,374	2,473,223	2,481,706	2,476,673
12/31/2005	2,847,520	3,092,426	3,300,985	3,391,854	3,447,498	3,329,310	3,342,666	3,389,154	3,398,524	3,392,234	3,392,512
12/31/2006	2,980,032	3,461,870	3,553,852	3,582,681	3,602,431	3,751,135	3,759,890	3,940,598	3,988,027	4,044,823	4,057,897
12/31/2007	2,813,559	2,673,331	2,702,793	3,032,508	3,308,427	3,277,730	3,460,175	3,437,776	3,430,036	3,403,247	3,411,959
12/31/2008	3,535,871	3,789,446	3,933,771	4,140,245	4,242,434	4,489,983	4,745,939	5,100,677	5,342,819	5,397,764	5,364,809
12/31/2009	3,522,652	3,732,008	3,749,930	3,778,743	3,762,216	3,988,693	3,998,527	4,143,899	4,209,149	4,238,790	4,272,576
12/31/2010	4,462,580	4,629,741	4,894,520	4,871,295	4,474,935	4,712,497	4,713,698	4,648,658	4,667,677	4,698,535	
12/31/2011	4,166,621	4,394,898	4,708,627	4,648,869	4,756,256	4,911,173	4,868,274	4,944,991	4,954,409		
12/31/2012	3,868,631	3,908,423	3,783,764	3,703,091	3,860,455	3,877,687	3,929,302	3,999,632			
12/31/2013	3,494,925	3,510,765	4,060,124	3,926,765	3,952,753	4,032,393	4,049,481				
12/31/2014	3,304,373	3,614,937	3,535,120	3,733,461	3,702,850	3,766,844					
12/31/2015	4,489,757	4,677,943	5,397,218	5,412,900	5,364,801						
12/31/2016	4,321,088	4,390,223	4,762,762	4,919,363							
12/31/2017	4,192,201	4,304,532	4,527,340								
12/31/2018	4,843,943	4,635,133									
12/31/2019	4,933,819										
A.Y.E.	147 Months	159 Months	171 Months	183 Months	195 Months	207 Months	219 Months	231 Months	243 Months		
12/31/2000	2,955,411	2,948,659	2,952,158	2,945,156	2,945,155	2,943,155	2,943,155	2,943,155	2,943,155		
12/31/2001	2,270,987	2,228,316	2,233,810	2,234,989	2,246,996	2,246,996	2,246,995	2,246,995	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

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

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

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					1.023	1.002	1.023	1.007	1.008	1.002	1.003
12/31/2016				1.007	1.023	1.002	1.023	1.007	1.008	1.002	1.003
12/31/2017			1.005	1.007	1.023	1.002	1.023	1.007	1.008	1.002	1.003
12/31/2018		1.097	1.005	1.007	1.023	1.002	1.023	1.007	1.008	1.002	1.003
12/31/2019	1.028	1.097	1.005	1.007	1.023	1.002	1.023	1.007	1.008	1.002	1.003

A.Y.E.	147/159	159/171	171/183	183/195	195/207	207/219	219/231	231/243	243/Ult	FACTORS
12/31/2015	0.997	1.008	1.005	1.004	0.999	1.000	1.000	1.000	1.000*	1.084
12/31/2016	0.997	1.008	1.005	1.004	0.999	1.000	1.000	1.000	1.000*	1.091
12/31/2017	0.997	1.008	1.005	1.004	0.999	1.000	1.000	1.000	1.000*	1.097
12/31/2018	0.997	1.008	1.005	1.004	0.999	1.000	1.000	1.000	1.000*	1.203
12/31/2019	0.997	1.008	1.005	1.004	0.999	1.000	1.000	1.000	1.000*	1.237

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

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

\$100,000 Basic Limit Losses as of:

A.Y.E.	15 Months	27 Months	39 Months	51 Months	63 Months	75 Months	87 Months	99 Months	111 Months	123 Months	135 Months
12/31/2000	150,416	248,134	188,848	196,780	189,280	253,280	237,878	257,878	215,285	215,285	215,285
12/31/2001	208,337	185,152	211,162	225,824	225,824	216,726	265,726	270,726	265,727	267,726	365,726
12/31/2002	119,421	133,880	171,299	184,812	251,892	369,610	483,705	465,706	502,946	539,631	567,026
12/31/2003	286,617	257,949	283,776	398,386	518,958	600,492	644,606	716,722	797,706	987,310	1,083,780
12/31/2004	267,359	144,698	230,232	354,867	441,630	632,353	616,235	904,464	1,008,422	1,087,637	1,296,374
12/31/2005	171,817	242,035	293,014	372,892	413,788	517,693	577,501	578,079	622,969	1,071,187	1,185,448
12/31/2006	278,671	268,222	382,330	527,781	647,562	746,113	720,042	744,136	932,230	1,066,447	970,261
12/31/2007	336,059	547,823	574,771	515,905	485,339	476,360	480,227	577,227	574,377	571,155	571,155
12/31/2008	294,367	208,042	336,788	335,305	346,805	344,805	444,805	444,805	438,306	458,306	528,306
12/31/2009	177,301	176,935	144,535	143,435	143,535	250,348	250,248	350,248	350,248	350,248	350,248
12/31/2010	263,109	264,778	262,233	266,329	360,329	360,329	360,329	360,329	360,329	360,329	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	365,726		
12/31/2002	566,252	561,006	561,362	567,567	567,567	580,067	580,067				
12/31/2003	1,277,599	1,297,971	1,219,581	1,168,724	1,170,415	1,162,641					
12/31/2004	1,288,735	1,183,053	1,176,984	1,176,939	1,169,117						
12/31/2005	1,174,440	1,184,550	1,153,446	1,143,652							
12/31/2006	943,991	917,548	912,644								
12/31/2007	571,155	571,155									
12/31/2008	528,306										

LOCAL PRODUCTS (Subline Code 336)

DEDUCTIBLE

MULTISTATE

PROPERTY DAMAGE - OCCURRENCE

INCURRED ACCIDENT YEAR BASIC LIMITS LOSS DEVELOPMENT EXCLUDING ALAE

Link Ratios

A.Y.E.	27: 15	39: 27	51: 39	63: 51	75: 63	87: 75	99: 87	111: 99	123:111	135:123	147:135
12/31/2000	1.650	0.761	1.042	0.962	1.338	0.939	1.084	0.835	1.000	1.000	1.000
12/31/2001	0.889	1.140	1.069	1.000	0.960	1.226	1.019	0.982	1.008	1.366	1.000
12/31/2002	1.121	1.279	1.079	1.363	1.467	1.309	0.963	1.080	1.073	1.051	0.999
12/31/2003	0.900	1.100	1.404	1.303	1.157	1.073	1.112	1.113	1.238	1.098	1.179
12/31/2004	0.541	1.591	1.541	1.244	1.432	0.975	1.468	1.115	1.079	1.192	0.994
12/31/2005	1.409	1.211	1.273	1.110	1.251	1.116	1.001	1.078	1.719	1.107	0.991
12/31/2006	0.963	1.425	1.380	1.227	1.152	0.965	1.033	1.253	1.144	0.910	0.973
12/31/2007	1.630	1.049	0.898	0.941	0.981	1.008	1.202	0.995	0.994	1.000	1.000
12/31/2008	0.707	1.619	0.996	1.034	0.994	1.290	1.000	0.985	1.046	1.153	1.000
12/31/2009	0.998	0.817	0.992	1.001	1.744	1.000	1.400	1.000	1.000	1.000	
12/31/2010	1.006	0.990	1.016	1.353	1.000	1.000	1.000	1.000	1.000		
12/31/2011	1.103	0.914	1.050	0.926	1.036	0.972	1.000	1.036			
12/31/2012	1.031	1.031	1.033	0.944	1.109	1.020	1.012				
12/31/2013	1.080	0.984	1.426	1.006	1.090	1.008					
12/31/2014	1.472	0.963	1.263	0.950	1.086						
12/31/2015	0.911	0.980	1.038	1.001							
12/31/2016	1.154	1.031	1.053								
12/31/2017	1.245	1.093									
12/31/2018	1.272										
3 Yr Mean	1.224	1.035	1.118	0.986	1.095	1.000	1.004	1.012	1.015	1.051	0.991
Best 3/5	1.224	0.998	1.118	0.965	1.071	1.003	1.004	0.998	1.015	1.036	0.995

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

A.Y.E.	15/ 27	27/ 39	39/ 51	Development From				99/111	111/123	123/135	135/147
				51/ 63	63/ 75	75/ 87	87/ 99				
12/31/2015					1.071	1.003	1.004	0.998	1.015	1.036	0.995
12/31/2016				0.965	1.071	1.003	1.004	0.998	1.015	1.036	0.995
12/31/2017			1.118	0.965	1.071	1.003	1.004	0.998	1.015	1.036	0.995
12/31/2018		0.998	1.118	0.965	1.071	1.003	1.004	0.998	1.015	1.036	0.995
12/31/2019	1.224	0.998	1.118	0.965	1.071	1.003	1.004	0.998	1.015	1.036	0.995

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

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

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

Allocated Expenses as of:

A.Y.E	<u>15 Months</u>	<u>27 Months</u>	<u>39 Months</u>	<u>51 Months</u>	<u>63 Months</u>	<u>75 Months</u>	<u>87 Months</u>	<u>99 Months</u>	<u>111 Months</u>	<u>123 Months</u>	<u>135 Months</u>
12/31/2000	279,819	388,097	589,602	775,365	998,351	1,254,217	1,654,752	1,851,255	2,011,274	2,310,716	2,481,210
12/31/2001	215,738	308,467	469,736	656,361	784,297	999,648	1,421,275	1,738,245	1,688,394	1,891,637	2,007,556
12/31/2002	181,573	332,739	512,689	795,275	854,493	953,878	1,032,434	1,057,225	1,057,229	1,254,568	1,444,891
12/31/2003	62,113	673,928	986,248	1,145,258	1,296,947	1,333,752	1,347,383	1,434,604	1,508,049	1,609,966	1,692,096
12/31/2004	167,304	314,888	482,539	677,641	801,286	925,051	944,998	966,412	997,834	1,006,015	1,031,018
12/31/2005	253,321	338,561	632,476	815,815	858,852	947,382	1,012,347	1,136,055	1,130,570	1,129,880	1,134,189
12/31/2006	141,892	367,185	646,668	951,651	1,241,182	1,587,941	1,669,712	1,979,757	2,027,633	2,117,573	2,116,057
12/31/2007	384,981	804,028	1,008,197	1,416,643	1,748,959	2,186,000	2,163,109	2,360,866	2,430,818	2,410,215	2,283,450
12/31/2008	375,947	895,734	1,301,046	2,069,175	2,925,796	5,153,566	7,655,073	9,078,856	9,064,144	8,468,156	7,970,187
12/31/2009	646,459	1,131,470	1,266,206	1,298,184	1,456,041	1,527,172	1,837,989	2,019,982	2,044,709	2,056,186	2,087,463
12/31/2010	231,962	417,432	737,016	1,095,412	1,201,636	1,364,842	1,570,725	1,721,918	1,747,732	2,030,546	
12/31/2011	404,096	751,172	1,137,129	1,524,581	1,843,722	1,855,420	1,883,030	2,003,171	2,114,053		
12/31/2012	246,334	535,995	894,454	1,020,247	1,208,393	1,387,308	1,498,678	1,596,132			
12/31/2013	411,087	533,996	762,343	979,746	1,202,895	1,395,737	1,552,572				
12/31/2014	203,408	512,565	749,356	964,341	1,201,024	1,228,459					
12/31/2015	425,779	856,185	1,211,097	1,487,209	1,652,390						
12/31/2016	316,772	603,887	931,724	1,493,968							
12/31/2017	440,786	715,435	1,843,413								
12/31/2018	446,169	796,849									
12/31/2019	326,323										

A.Y.E	<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

A.Y.E.	Link Ratios						
	183:171	195:183	207:195	219:207	231:219	243:231	Ult:243
12/31/2000	0.981	1.009	1.009	0.998	1.000	1.004	1.000 *
12/31/2001	1.040	1.097	1.000	1.000	1.002	1.000 *	1.000 *
12/31/2002	1.016	1.000	1.000	1.006	1.000 *	1.000 *	1.000 *
12/31/2003	1.024	1.000	0.995	1.000 *	1.000 *	1.000 *	1.000 *
12/31/2004	1.000	1.155	1.035 *	1.000 *	1.000 *	1.000 *	1.000 *
12/31/2005	1.429						
Best 3/5	1.027	1.035	1.003 *	1.000 *	1.000 *	1.000 *	1.000 *

171 to Ultimate Factor: 1.066

Months-to-Ultimate	Cumulative Incremental Factors						
	15	27	39	51	63	75	87
	0.300	0.248	0.199	0.159	0.115	0.091	0.059
Months-to-Ultimate	99	111	123	135	147	159	171
	0.029	0.021	0.015	0.024	0.013	0.013	0.000

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	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			LOCAL PRODUCTS COMPLETED OPERATIONS		
	7/1/2017 to 7/1/2022	(5.0 YRS)	1.009	1.016	
	7/1/2018 to 7/1/2022	(4.0 YRS)	1.008	1.011	
	7/1/2019 to 7/1/2022	(3.0 YRS)	1.007	1.006	

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

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

(1) Accident Year Ending	(2) Basic Limit Paid Losses *	(3) Paid Occurrences	(4) (2)/(3) Actual Severity	(5) Exponential Curve of Best Fit to Col (4)		
				10 Year	8 Year	6 Year
12/31/2010	\$45,801,992	1,582	\$28,952	\$25,645		
12/31/2011	39,821,092	1,460	27,275	27,280		
12/31/2012	41,732,779	1,400	29,809	29,020	\$27,040	
12/31/2013	43,131,925	1,476	29,222	30,870	29,224	
12/31/2014	34,246,327	1,253	27,331	32,838	31,585	\$29,190
12/31/2015	35,432,643	1,098	32,270	34,932	34,136	32,347
12/31/2016	36,258,182	956	37,927	37,159	36,893	35,847
12/31/2017	37,125,436	876	42,381	39,529	39,872	39,725
12/31/2018	35,687,982	779	45,813	42,049	43,093	44,022
12/31/2019	37,257,460	838	44,460	44,730	46,573	48,784
Goodness of Fit Statistic, R-Squared:				0.816	0.852	0.894
Average Annual Severity Trend (10 yr)				+ 6.4%		
Average Annual Severity Trend (8 yr)				+ 8.1%		
Average Annual Severity Trend (6 yr)				+ 10.8%		
Selected Annual Severity Trend				+ 5.0%		

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

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

(1) Accident Year Ending	(2) Basic Limit Paid Losses *	(3) Paid Occurrences	(4) (2)/(3) Actual Severity	(5) Exponential Curve of Best Fit to Col (4)		
				10 Year	8 Year	6 Year
12/31/2010	\$154,522,739	5,409	\$28,568	\$26,373		
12/31/2011	137,102,918	5,314	25,800	27,627		
12/31/2012	129,176,670	4,636	27,864	28,940	\$28,583	
12/31/2013	117,342,730	3,901	30,080	30,316	30,036	
12/31/2014	113,050,236	3,586	31,525	31,758	31,563	\$32,189
12/31/2015	121,873,434	3,643	33,454	33,268	33,168	33,615
12/31/2016	134,325,288	3,732	35,993	34,850	34,854	35,104
12/31/2017	132,895,067	3,573	37,194	36,507	36,626	36,658
12/31/2018	151,474,468	3,881	39,030	38,243	38,489	38,282
12/31/2019	161,489,635	4,176	38,671	40,061	40,446	39,978
Goodness of Fit Statistic, R-Squared:				0.919	0.961	0.922
Average Annual Severity Trend (10 yr)				+ 4.8%		
Average Annual Severity Trend (8 yr)				+ 5.1%		
Average Annual Severity Trend (6 yr)				+ 4.4%		
Selected Annual Severity Trend				+ 4.5%		

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

LOCAL PRODUCTS/COMPLETED OPERATIONS

FREQUENCY TREND
MULTISTATE

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

Bodily Injury and Property Damage Combined

(1) Accident Year Ending	(2) Aggregate Loss Costs at Current Level	(3) Occurrences at Ultimate ¹	(4) Occurrence Frequency (3)/(2) ²
12/31/2006	\$ 326,238,970	8,442	25.88
12/31/2007	325,331,118	8,393	25.80
12/31/2008	315,497,006	8,878	28.14
12/31/2009	301,841,127	8,904	29.50
12/31/2010	290,309,875	9,504	32.74
12/31/2011	288,802,569	8,867	30.70
12/31/2012	290,344,199	8,404	28.94
12/31/2013	296,741,631	8,155	27.48
12/31/2014	305,683,597	7,561	24.74
12/31/2015	315,859,471	7,289	23.08
12/31/2016	332,011,620	7,443	22.42
12/31/2017	342,155,375	7,123	20.82
12/31/2018	345,741,663	7,176	20.75
12/31/2019	344,939,626	7,403	21.46

Selected Annual Frequency Trend: - 0.5%

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

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

CLASS GROUPS AND CALCULATION OF PROPOSED CLASS LOSS COSTS

Explanatory Notes

The following are definitions of the columns for the Local Products/Completed Operations calculation of proposed loss costs shown on pages G-55-61.

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

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

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

Column (4) is the credibility (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 0.995 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 * 1.112

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	174998	959607	1.68447	.3294	1.140	1.303	1.281	27.8	0.054	0.069
10145	42784	448190	.84399	.2184	.866	.990	.973	0.0	0.010	0.010
10146	8289	51284	2.03558	.1031	.993	1.135	1.116	13.3	0.015	0.017
10352	27935	157133	.68894	.1371	.848	.969	.953	-4.3	0.070	0.067
11039	434796	2333311	1.11626	.5146	.998	1.141	1.122	12.8	0.078	0.088
11258	24667	91992	.00000	.1165	.771	.881	.866	-13.3	0.270	0.234
11259	198	1792	.00000	.0863	.797	.911	.896	-10.2	0.177	0.159
11288	73102	430916	1.06777	.2140	.914	1.045	1.027	2.2	0.091	0.093
12374	236271	1439316	.98914	.4083	.920	1.051	1.033	2.7	0.073	0.075
12375	95676	799117	.25738	.2981	.689	.787	.774	-20.0	0.050	0.040
13673	299820	2319174	1.11913	.5133	.999	1.142	1.123	12.5	0.016	0.018
13720	22487	201321	1.54765	.1505	.974	1.113	1.094	10.2	0.059	0.065
14401	51718	225490	.82380	.1577	.865	.989	.972	-2.5	0.122	0.119
15224	86207	574312	.98770	.2491	.901	1.030	1.012	1.4	0.071	0.072
16900	696506	2830677	.91603	.5588	.897	1.025	1.008	0.8	0.133	0.134
16901	2357659	10653358	.71743	.8184	.746	.853	.839	-16.0	0.156	0.131
16902	140116	704930	.48826	.2784	.766	.875	.860	-13.6	0.066	0.057
16905								0.8	0.133	0.134
16906								-16.0	0.156	0.131
16910	3041844	16292445	.87692	.8725	.876	1.001	.984	-1.4	0.071	0.070
16911	253954	1262685	.80185	.3815	.846	.967	.951	-5.5	0.073	0.069
16915	81812	452543	.82822	.2195	.863	.986	.969	-3.3	0.060	0.058
16916	1243715	5300286	.88318	.6960	.880	1.006	.989	-1.4	0.074	0.073
16920	12900	85672	.98548	.1144	.886	1.013	.996	-0.8	0.128	0.127
16921	1339	5604	.00000	.0877	.796	.910	.895	-10.0	0.050	0.045
16930	124912	441807	.77184	.2168	.851	.973	.956	-4.6	0.216	0.206
16931	49564	182443	1.21608	.1448	.922	1.054	1.036	3.3	0.090	0.093
16940	1023	4439	.00000	.0872	.797	.911	.896	-10.0	0.050	0.045
16941	29940	97250	.17183	.1182	.790	.903	.888	-11.3	0.115	0.102
18435	419725	2010468	.99803	.4810	.933	1.066	1.048	4.5	0.067	0.070
18436	22741	84135	.00000	.1139	.773	.883	.868	-13.1	0.183	0.159
18501	347647	2072943	.82952	.4878	.852	.974	.957	-6.7	0.015	0.014
45900	76326	353525	.00187	.1937	.704	.805	.791	-19.2	0.052	0.042
49617	742365	2688376	1.30047	.5470	1.107	1.265	1.244	23.1	0.260	0.320
57001	36401	231973	1.62741	.1596	.993	1.135	1.116	10.3	0.029	0.032

X-TILDE: .889 X-TILDE (MONOLINE): .875 PI-TILDE: .0049191
 TAU SQUARED: .03000 SIGMA SQUARED: 79208.05157

L - CAPPED DOWN
 U - CAPPED UP
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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 * .985 * 1.112

CLASS	AYE 2019	5 YEAR	5 YEAR	CRED.	ER	INDEX	CHANGE	STATE-	PRESENT	PROPOSED
	MONO/MULTI	MONO/MULTI	MONO/MULTI							
	ALCCL	ALCCL	RATIO	(4)	(5)	(6)	(7)	%	OCCUR	OCCUR
	(1)	(2)	(3)					(8)	(9)	(10)
10026	6303	38152	.00000	.0630	1.109	1.116	1.222	20.0	0.020	0.024
10042	2228659	7735086	1.01904	.5635	1.091	1.098	1.203	20.4	0.540	0.650
10060	2421	15404	.00000	.0599	1.112	1.119	1.226	23.2	0.082	0.101
10065	27084	180388	10.27004	.0825	1.933	1.945	2.130	36.1	0.036	0.049 U
10066	4366	22015	.00000	.0608	1.111	1.118	1.225	23.1	0.065	0.080
10071	618682	3585879	1.08689	.3870	1.146	1.153	1.263	26.2	0.103	0.130
10073	14553061	58095509	.87225	.9029	.902	.907	.993	0.0	0.650	0.650
10075	969	4873	16.36076	.0584	2.070	2.082	2.280	36.8	0.190	0.260 U
10107	17344	142605	.69849	.0774	1.146	1.153	1.263	25.0	0.280	0.350
10115	67818	385492	.97258	.1091	1.160	1.167	1.278	28.2	0.078	0.100
10309	27524	197755	.12374	.0848	1.093	1.100	1.205	22.2	0.018	0.022
11020	13932	41928	.74759	.0636	1.155	1.162	1.273	25.6	0.199	0.250
11127	87762	517555	1.27873	.1255	1.195	1.202	1.317	30.0	0.010	0.013
11128	40597	198048	.83183	.0848	1.153	1.160	1.271	26.7	0.086	0.109
11204	48609	122074	.01868	.0746	1.096	1.103	1.208	20.7	1.690	2.040
11234	26735	173443	.73965	.0816	1.147	1.154	1.264	25.8	0.062	0.078
12014	24656	180980	.43179	.0826	1.121	1.128	1.236	23.7	0.038	0.047
12356	6273	52832	2.61927	.0651	1.277	1.285	1.407	35.5	0.031	0.042 U
12510	4423	36952	.00000	.0629	1.109	1.116	1.222	23.3	0.030	0.037
12805	1039139	5853614	1.28695	.4980	1.235	1.242	1.360	35.7	0.129	0.175
13351	967384	5829653	1.61767	.4970	1.399	1.407	1.541	35.4	0.048	0.065 U
13352	9430	37621	.00000	.0630	1.109	1.116	1.222	21.6	0.051	0.062
13506	141590	560881	.88686	.1307	1.144	1.151	1.261	25.9	0.081	0.102
13507	56103	285039	.00494	.0963	1.070	1.076	1.179	17.9	0.184	0.217
13716	721307	3942320	.80723	.4076	1.030	1.036	1.135	13.8	0.123	0.140
13759	25125	157577	.01219	.0794	1.090	1.097	1.202	20.5	0.151	0.182
14101	10814	90115	.20345	.0702	1.114	1.121	1.228	22.2	0.045	0.055
14279	136059	758664	1.22360	.1539	1.189	1.196	1.310	31.4	0.070	0.092
14913	107436	476939	.85699	.1205	1.144	1.151	1.261	26.2	0.187	0.236
15538	8773	106567	.42098	.0725	1.128	1.135	1.243	23.5	0.017	0.021
15600	6139	47702	2.36592	.0644	1.259	1.267	1.388	36.4	0.099	0.135 U
15608	2141	22466	.00000	.0609	1.111	1.118	1.225	18.2	0.011	0.013
15839	30037	200640	.18713	.0852	1.098	1.105	1.210	20.0	0.030	0.036
15991	50235	265138	1.24579	.0937	1.189	1.196	1.310	30.9	0.081	0.106
15993	9844	47289	.31339	.0643	1.127	1.134	1.242	23.6	0.055	0.068
16403	98390	504372	1.68877	.1239	1.246	1.254	1.374	35.9	0.184	0.250
16676	1161	6635	.00000	.0586	1.114	1.121	1.228	21.4	0.014	0.017

X-TILDE: .977 X-TILDE (MONOLINE): .994 PI-TILDE: .0024805
 TAU SQUARED: .06671 SIGMA SQUARED: 445273.77375

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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 * .985 * 1.112

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	64811	585058	.33779	.1336	1.070	1.076	1.179	18.2	0.132	0.156
18109	699	3238	.65627	.0581	1.153	1.160	1.271	27.8	0.036	0.046
18110	68672	366091	1.08654	.1067	1.173	1.180	1.292	28.6	0.042	0.054
18206	480983	3009488	1.14409	.3505	1.169	1.176	1.288	28.9	0.121	0.156
18335	9853	51208	.00000	.0649	1.106	1.113	1.219	23.5	0.017	0.021
18506	29	273	.00000	.0577	1.115	1.122	1.229	16.7	0.006	0.007
18507	1300	9304	.45131	.0590	1.140	1.147	1.256	22.2	0.009	0.011
18708	13689	65298	8.90612	.0668	1.699	1.709	1.872	35.0	0.020	0.027 U
18834	7566	39532	.00000	.0632	1.108	1.115	1.221	22.2	0.126	0.154
18911	5073	41333	.28403	.0635	1.126	1.133	1.241	26.3	0.019	0.024
18912	1534	6708	1.11896	.0586	1.179	1.186	1.299	29.7	0.037	0.048
18920	459	4304	.41822	.0583	1.139	1.146	1.255	25.0	0.020	0.025
45819	453901	3460323	.77981	.3794	1.030	1.036	1.135	13.5	0.052	0.059
49618	704	2686	2.00372	.0581	1.231	1.238	1.356	35.4	0.082	0.111
49619	205888	1170792	1.07693	.1983	1.162	1.169	1.280	27.6	0.123	0.157

X-TILDE: .977 X-TILDE (MONOLINE): .994 PI-TILDE: .0024805
 TAU SQUARED: .06671 SIGMA SQUARED: 445273.77375

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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 * 1.112

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	1.141	11.9	0.670	0.750
92054	0	3	.00000	.1250	.791	.830	.947	-6.1	0.247	0.232
92055	927	3196	.00000	.1255	.791	.830	.947	-3.7	0.270	0.260
95124	863678	5364467	1.40609	.5405	1.175	1.233	1.407	35.3	0.850	1.150 U
98303	168195	363664	.28999	.1755	.796	.835	.953	-5.4	9.340	8.840
98304	3865692	15065406	1.03868	.7528	1.005	1.055	1.204	19.5	4.470	5.340
98305	4819298	17547405	1.02535	.7789	.999	1.048	1.196	18.6	2.370	2.810
98306	10064	63019	.71623	.1342	.879	.922	1.052	4.3	1.150	1.200
98307	2386	9955	.18764	.1265	.814	.854	.974	-3.2	0.620	0.600
98308	694684	2951116	.96465	.4156	.929	.975	1.112	10.7	1.310	1.450
98309	44703	123114	1.97337	.1428	1.057	1.109	1.265	25.4	2.870	3.600
98344	70541	337676	.63855	.1721	.859	.901	1.028	1.2	0.850	0.860
98449	3538080	13165985	.86467	.7282	.875	.918	1.047	4.1	34.100	35.500
98805	331101	1241704	1.35343	.2764	1.028	1.079	1.231	22.8	1.670	2.050
98813	521931	2013238	.89960	.3467	.903	.948	1.082	7.5	2.390	2.570
98967	2796340	8340101	1.15452	.6363	1.063	1.115	1.272	26.2	14.500	18.300
99003	75149	251833	.50564	.1606	.840	.881	1.005	0.0	2.030	2.030
99826	49467	216779	1.22200	.1558	.954	1.001	1.142	13.0	0.690	0.780
99827	84124	469079	.74581	.1891	.874	.917	1.046	4.8	0.630	0.660
99948	4337496	14225615	.88167	.7425	.887	.931	1.062	5.2	34.400	36.200
99952	906321	2049329	.89969	.3496	.903	.948	1.082	7.5	25.500	27.400
99953	366396	1269790	.54624	.2792	.804	.844	.963	-4.6	15.200	14.500
99954	257646	858322	.27487	.2356	.756	.793	.905	-10.1	13.800	12.400
99955	1043824	3922229	.71281	.4732	.814	.854	.974	-3.2	9.280	8.980

X-TILDE: .982 X-TILDE (MONOLINE): .953 PI-TILDE: .0073149
 TAU SQUARED: .03000 SIGMA SQUARED: 178009.62829

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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 * 1.112

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	2709811	12169086	.82631	.4003	.888	.964	1.082	7.4	7.680	8.250
91150	1593008	6404115	.84275	.2741	.905	.983	1.103	9.5	7.340	8.040
91155	9222980	25296636	.96411	.5704	.949	1.030	1.156	14.9	54.900	63.100
91340	37097827	118160910	.84849	.8571	.860	.934	1.048	4.0	12.600	13.100
91341	16569237	56674442	.96428	.7440	.955	1.037	1.164	15.6	6.480	7.490
91342	16123775	56077167	.91909	.7420	.922	1.001	1.123	11.4	4.720	5.260
91343	476287	2240794	.67431	.1440	.892	.969	1.087	8.2	1.820	1.970
91436	322421	1463369	.65063	.1144	.897	.974	1.093	8.7	2.980	3.240
91507	46778	200754	.03057	.0616	.874	.949	1.065	5.8	4.500	4.760
91551	1189339	4783980	.81374	.2285	.903	.980	1.100	9.2	0.870	0.950
91555	170576	924583	.59935	.0926	.899	.976	1.095	8.9	1.240	1.350
91560	17905346	65454326	.89520	.7700	.903	.980	1.100	9.3	5.510	6.020
91577	2797805	10080566	1.08292	.3600	.985	1.069	1.199	19.3	4.150	4.950
91746	3633355	16881821	1.03734	.4749	.981	1.065	1.195	18.6	5.690	6.750
92101	706360	2698279	.86322	.1605	.919	.998	1.120	11.2	3.920	4.360
92102	774295	3145585	1.35719	.1761	1.005	1.091	1.224	21.5	4.600	5.590
92215	12882593	47964751	.94909	.7116	.943	1.024	1.149	14.1	4.180	4.770
92338	7147042	24918102	.98582	.5669	.961	1.043	1.170	16.3	2.820	3.280
92446	638305	1775607	.26418	.1265	.845	.917	1.029	1.8	2.170	2.210
92447	45893	246515	.56692	.0636	.906	.984	1.104	9.6	2.080	2.280
92451	3575540	15679734	.94396	.4577	.936	1.016	1.140	13.3	2.630	2.980
92478	20487032	86546479	.87755	.8151	.887	.963	1.080	6.9	2.160	2.310
94007	15861668	47949217	.94296	.7116	.939	1.020	1.144	13.6	7.410	8.420
94276	2409150	9468582	.72504	.3471	.858	.932	1.046	4.0	6.020	6.260
94569	3860973	16297410	1.01414	.4667	.969	1.052	1.180	17.2	4.880	5.720
95410	8872212	34870687	.84872	.6440	.877	.952	1.068	6.0	3.650	3.870
95455	575213	3049879	2.24186	.1728	1.156	1.255	1.408	35.8	1.650	2.240 U
95505	125764	553751	1.42882	.0770	.968	1.051	1.179	17.2	2.900	3.400
95625	2560899	9185870	1.24138	.3410	1.036	1.125	1.262	25.3	4.860	6.090
95647	34068428	163252855	.91396	.8921	.916	.995	1.116	10.9	6.800	7.540
96053	931675	2771838	.72645	.1631	.896	.973	1.092	8.5	6.250	6.780
96410	2362247	8358802	.96639	.3225	.941	1.022	1.147	14.0	12.100	13.800
96611	496730	1657417	.21820	.1220	.842	.914	1.026	2.0	2.000	2.040
97447	11309828	41523459	1.03605	.6819	1.002	1.088	1.221	21.2	6.740	8.170
97650	630489	2150339	.81629	.1407	.913	.991	1.112	10.4	5.080	5.610
97651	466030	1693930	1.31869	.1234	.977	1.061	1.190	18.2	5.010	5.920
97652	78640	297996	6.65931	.0659	1.307	1.419	1.592	36.0	5.250	7.140 U

X-TILDE: .908 X-TILDE (MONOLINE): .921 PI-TILDE: .0033021
 TAU SQUARED: .03000 SIGMA SQUARED: 629676.39168

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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 * 1.112

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	1197108	4113929	.79201	.2079	.901	.978	1.097	9.0	3.880	4.230
97654	97250	441113	.25524	.0721	.881	.957	1.074	6.6	3.640	3.880
97655	2202658	7867958	.53192	.3109	.806	.875	.982	-2.5	6.760	6.590
98002	48891	245701	.00000	.0636	.870	.945	1.060	4.8	1.240	1.300
98482	31470604	116345849	.99874	.8552	.989	1.074	1.205	19.7	9.360	11.200
98483	44664849	159243620	.89088	.8897	.895	.972	1.091	8.3	26.500	28.700
98502	588766	2061230	1.05391	.1373	.946	1.027	1.152	14.5	5.240	6.000
98636	2685958	10572306	.81352	.3700	.886	.962	1.079	7.3	4.250	4.560
98677	6062418	22749228	.90607	.5454	.917	.996	1.118	11.1	13.500	15.000
98678	4718648	14321746	.85944	.4369	.899	.976	1.095	8.4	21.500	23.300
98806	849307	3866684	.76817	.2000	.897	.974	1.093	8.7	4.250	4.620
98820	4573586	17482295	.90935	.4831	.920	.999	1.121	11.3	4.590	5.110
98884	3215643	12272845	1.06757	.4022	.985	1.069	1.199	19.3	2.590	3.090
99004	50269	191744	.09161	.0612	.878	.953	1.069	5.9	2.210	2.340
99080	1982624	6563946	.55423	.2783	.825	.896	1.005	0.0	10.600	10.600
99315	1733270	6651298	1.12482	.2806	.984	1.068	1.198	18.9	2.700	3.210
99321	2788361	11071668	.81948	.3798	.888	.964	1.082	7.6	3.140	3.380
99613	1762377	7240997	.87157	.2956	.912	.990	1.111	10.5	2.850	3.150
99650	658453	3193136	.96850	.1777	.936	1.016	1.140	13.6	1.250	1.420
99746	4634320	19684969	.94668	.5111	.938	1.018	1.142	13.6	3.910	4.440

X-TILDE: .908 X-TILDE (MONOLINE): .921 PI-TILDE: .0033021
 TAU SQUARED: .03000 SIGMA SQUARED: 629676.39168

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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 * 1.112

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	76087	162513	.05379	.1518	.683	.857	.896	-11.3	2.660	2.360
91127	1046583	4238304	.63186	.5829	.700	.878	.918	-8.8	1.590	1.450
91235	459071	2316762	.50709	.4515	.665	.834	.872	-13.5	3.790	3.280
91265	35570	111011	.36466	.1406	.735	.922	.964	-4.1	3.440	3.300
91266	258229	1054563	1.10311	.3083	.890	1.117	1.168	15.9	1.260	1.460
91280	7911	61113	3.28540	.1295	1.118	1.403	1.467	35.9	3.930	5.340 U
94381	2632626	7209142	1.04766	.6957	.971	1.218	1.273	26.1	18.000	22.700
94404	167885	436075	1.59215	.2069	.960	1.205	1.260	25.0	6.400	8.000
95310	489265	1674290	1.22455	.3869	.961	1.206	1.261	25.2	1.390	1.740
96408	2149470	7438955	.77904	.7019	.784	.984	1.029	2.3	17.100	17.500
96409	2848075	10642662	.90066	.7681	.876	1.099	1.149	13.9	14.400	16.400
97221	875969	5395637	.73831	.6355	.759	.952	.995	-1.5	1.300	1.280
97222	4226695	19704963	.73985	.8576	.748	.939	.982	-2.7	2.200	2.140
97223	5122724	20202673	.65450	.8606	.674	.846	.884	-12.2	5.160	4.530
98152	629058	3010243	1.16138	.5075	.981	1.231	1.287	27.4	0.840	1.070
98157	71852	303013	.00000	.1810	.651	.817	.854	-13.7	0.510	0.440
98163	3433	7244	.00000	.1171	.702	.881	.921	-8.7	0.241	0.220
98164	22227	82716	.00000	.1343	.688	.863	.902	-10.3	0.078	0.070
98659	15	589	.00000	.1155	.703	.882	.922	-6.8	0.440	0.410
98914	240	2907	.00000	.1161	.703	.882	.922	-7.6	0.660	0.610
98949	5575	25026	.00000	.1212	.699	.877	.917	-7.7	0.390	0.360
98993	1661210	7741641	.53945	.7097	.614	.770	.805	-20.2	5.110	4.080
99163	3647	13668	.00000	.1186	.701	.880	.920	-7.5	0.530	0.490
99803	30771	79745	1.06601	.1337	.831	1.043	1.090	8.5	14.200	15.400
99946	3554632	15222355	.83088	.8240	.825	1.035	1.082	7.3	3.430	3.680
99969	1360287	4434854	1.23019	.5929	1.053	1.321	1.381	35.9	3.930	5.340 U

X-TILDE: .792 X-TILDE (MONOLINE): .797 PI-TILDE: .0068838
 TAU SQUARED: .03000 SIGMA SQUARED: 113416.11283

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

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.

In anticipation of long-term behavioral, social, and economic changes as a result of COVID-19, it is expected, based on the information currently available, that those changes will have a material impact on prospective loss costs for certain risks. To reflect these changes, judgmentally selected adjustment factors continue to be reflected in the loss costs for several classes. Additionally, for M&C premium development an adjustment factor has been applied to the standard ISO methodology development factor for the latest accident year (year ending 6/30/2020).

LOSS COST ADJUSTMENTS GENERAL LIABILITY

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

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

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

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

IMPACT OF COVID-19 ON GENERAL LIABILITY LOSS COSTS

LOSS COST
ADJUSTMENTS
GENERAL LIABILITY
(Cont'd)

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

IMPACT OF COVID-19 ON GENERAL LIABILITY LOSS COSTS

PREMIUM DEVELOPMENT ADJUSTMENT FACTOR

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

For the current recession in particular, many of the premium audits that will impact accident year-ending 6/30/2020 had not yet occurred as of the 9/30/2020 evaluation date. As a result, a premium development adjustment factor has been applied to account for the overall exposure decreases expected upon audit.

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

For M&C an adjustment factor of 0.97 was selected and applied to the accident year ending 6/30/2020 premium development factor from the standard ISO methodology. The selection is an estimate of the change in development based on the observed year-ending 6/30/2020 GDP change and the historical relationship between the GDP changes and M&C premium development factors.

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

IMPACT OF COVID-19 ON GENERAL LIABILITY LOSS COSTS

PREMIUM
DEVELOPMENT
ADJUSTMENT
FACTOR
DATA

MULTISTATE
MANUFACTURERS AND CONTRACTORS

FULL & DEDUCTIBLE COMBINED
TOTAL LIMITS PREMIUM

PREMIUM DEVELOPMENT ADJUSTMENT FACTOR DATA

<u>Accident Year</u> <u>Ending</u>	<u>15-to-27</u> <u>link</u>	<u>Change in</u> <u>GDP*</u>	<u>Comments**</u>
6/30/2004	1.023	1.040	
6/30/2005	1.030	1.035	
6/30/2006	1.027	1.033	
6/30/2007	1.014	1.021	
6/30/2008	0.998	1.016	Recession starts 12/2007.
6/30/2009	0.974	0.975	Recession ends 6/2009.
6/30/2010	0.994	1.004	
6/30/2011	1.010	1.023	
6/30/2012	1.016	1.019	
6/30/2013	1.019	1.017	
6/30/2014	1.029	1.022	
6/30/2015	1.025	1.034	
6/30/2016	1.020	1.020	
6/30/2017	1.020	1.020	
6/30/2018	1.015	1.029	
6/30/2019	1.014	1.025	
6/30/2020		0.989	Recession starts 2/2020.

Selected Premium Development Adjustment Factor (applied to 15-to-ultimate development factor): **0.970**

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

Source: U.S. Bureau of Economic Analysis, Real Gross Domestic Product [GDPC1], retrieved from FRED, Federal Reserve Bank of St. Louis; <https://fred.stlouisfed.org/series/GDPC1>, April 28, 2021.

** Source: Federal Reserve Bank of St. Louis; <https://fredhelp.stlouisfed.org/fred/data/understanding-the-data/recession-bars/>, April 28, 2021.

SECTION I

LCADD MANUAL PAGE WITHDRAWN

TABLE OF CONTENTS

CG-LCADD-1 (Withdrawn)

I-2

**COMMERCIAL LINES MANUAL
DIVISION SIX
GENERAL LIABILITY
LOSS COST ADDENDUM PAGES**

OREGON (36)

LOSS COST MAPPING BY CLASS

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

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

Table #1(LCADD) Loss Cost Mapping By Class

OREGON 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>
M&C	+ 2.2%	+ 2.2%
OL&T	+ 0.7%	+ 0.7%
Premises/Operations	+ 1.5%	+ 1.5%
Products	- 4.9%	- 4.9%
Local Products/Completed Operations	+11.8%	+11.8%
Products/Completed Operations	+ 8.9%	+ 8.9%
GL Overall	+ 3.9%	+ 3.9%

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

HISTORICAL SOURCE DATA The sources of the data underlying this loss cost review are:

ISO reporting companies' voluntary experience.
 Fiscal - accident year data through year ended 6/30/2020 for Premises/Operations.
 Calendar - accident year data through year ended 12/31/2019 for Products/Completed Operations.

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

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 7.4%, 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 a 2.2% decrease in ALCCL;
- Implemented loss cost level change (+5.0%);
- A change in exposure trend plus an additional year of trending (+4.8%);
- The effect on ALCCL due to a change in average IPMFs (-0.2%).

The Basic Limit Experience Ratios (BLERs) varied within reasonable limits.

Owners, Landlords
and Tenants

The Aggregate Loss Costs at Current Level (ALCCL) increased by an average of 14.4%, 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 4.5% increase in ALCCL;
- Implemented loss cost level change (+7.5%);
- A change in exposure trend plus an additional year of trending (+1.6%);
- The effect on ALCCL due to a change in average IPMFs (-0.2%).

The BLERs decreased in 2019 (-20.4%). This is mainly due to favorable experience across several class groups.

Products

Multistate ALCCL increased by an average of 9.5% over the four common years in the latest call. This can be accounted for by the following changes since the prior review:

- A change in company mix which caused a 10.8% increase in ALCCL;
- Implemented an average loss cost level change of approximately -0.1% in most states;
- A change in exposure trend plus an additional year of trending of -0.9%;
- The effect on ALCCL due to a change in average IPMFs (+1.1%).

The BLERs changed due to the various effects listed above.

CALL TO CALL
COMPARISON
(Cont'd)

Local Products/
Completed Ops

Multistate ALCCCL 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 ALCCCL;
- 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 ALCCCL 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 ALCCCL increased steadily from 2016 to 2020.

The low BLER for 2017 (0.860) is attributable to favorable experience in several class groups. The high BLERs for 2019 (1.273) and 2020 (1.265) are attributable to unfavorable experience in several class groups.

Owners, Landlords
and Tenants

The ALCCCL increased from 2016 to 2019 and then decreased thereafter.

The low BLER for 2016 (0.856) is attributable to favorable experience in several class groups. The high BLER for 2020 (1.180) is attributable to unfavorable experience in several class groups.

Products

The ALCCCL 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 ALCCCL 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 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 remained stable compared to those in the 2020 review. The multistate full coverage PD indemnity loss development factors for the 2021 review have increased 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 increased compared to the 2020 review.

The multistate Fringe indemnity loss development factors for the 2021 review remained stable 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 and PD indemnity loss development factors for the 2021 review have increased 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 those in the 2020 review.

The multistate Fringe indemnity loss development factors for the 2021 review remained stable compared to the 2020 review.

Products

The multistate full coverage BI and PD indemnity loss development factors for the 2021 review have decreased compared to those in the 2020 review.

The multistate deductible coverage BI indemnity loss development factors for the 2021 review remained stable compared to the 2020 review. The multistate deductible coverage PD indemnity loss development factors for the 2021 review remained stable compared to those in the 2020 review, with an increase in the 15 months-to-ultimate factor.

LOSS
DEVELOPMENT
FACTOR
COMPARISON
(Cont'd)

Local Products/
Completed Ops

For Local Products, the multistate full coverage BI and PD indemnity loss development factors for the 2021 review remained stable compared to those in the 2020 review. The multistate deductible coverage BI indemnity loss development factors for the 2021 review remained stable compared to the 2020 review. The multistate deductible coverage PD indemnity loss development factors for the 2021 review have decreased compared to the 2020 review.

For Completed Operations, the full coverage BI indemnity loss development factors for the 2021 review remained stable compared to those in the 2020 review. The full coverage PD indemnity loss development factors for the 2021 review remained stable compared to those in the 2020 review, except for the 15 months-to-ultimate factor which increased by 14.4%. This can largely be attributed to a higher 15-to-27 months state link ratio.

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 Fiscal review.

The PD severity trend selection is +4.5%, unchanged from +4.5% in the previous Fiscal review.

The Fringe severity trend selection is 0.0%, unchanged from 0.0% in the previous Fiscal review.

Owners, Landlords
and Tenants

The BI severity trend selection is +4.5%, up from +4.0% in the previous Fiscal review.

The PD severity trend selection is +5.5%, up from +5.0% in the previous Fiscal review.

The Fringe severity selection is 0.0%, down from +1.0% in the previous Fiscal review.

Products

The BI severity trend selection is +3.0%, unchanged from +3.0% in the previous review.

The PD severity trend selection is +5.5%, down from +6.0% in the previous review.

Local Products/
Completed Ops

The BI severity trend selection is +5.0%, up from +4.0% in the previous review.

The PD selected severity trend is +4.5%, unchanged from +4.5% in the previous review.

FREQUENCY
TREND
COMPARISON

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

Manufacturers and
Contractors

The latest frequency point is lower than the prior point.

Owners, Landlords
and Tenants

The latest frequency point is lower than the prior point.

Products

The latest frequency point is lower than the prior point.

Local Products/
Completed Ops

The latest frequency point is higher than the prior point.

EXPOSURE
TREND
COMPARISON

Manufacturers and
Contractors

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

Owners, Landlords
and Tenants

The exposure trend factors for Class Groups 1-13 are higher than those used in the previous review for all three years. For Class Group 16, the exposure trend factors are higher than that used in the previous review for all three years.

Products

The exposure trend factors are 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 0.929. In the 2020 review the weighted average IPMF was 0.928.
	Owners, Landlords and Tenants	The current weighted average IPMF is 0.916. In the 2020 review the weighted average IPMF was 0.917.
	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 3, 2020 review the multistate weighted average IPMF was 0.991.

The IPMF's are applied to the multiline ALCCCL.

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, Oregon's state balanced relative change (1.018) ranks 14th highest overall. In last year's review, Oregon's state balanced relative change (1.030) ranked 16th highest overall.

CHANGE IN
COMPANY MIX
SINCE LAST CALL

For Manufacturers and Contractors the change in company mix results in an average decrease of 2.2% in the total statewide ALCCCL.

For Owners, Landlords and Tenants, the change in company mix results in an average increase of 4.5% in the total statewide ALCCCL.

For Products, the change in company mix results in a 10.8% increase in the total multistate ALCCCL.

For Local Products/Completed Operations, the change in company mix results in a 10.5% increase in the total multistate ALCCCL.

\$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	.116	.189	10150	.36	(a)	11204	.23	2.04	13111	.52	.092
10011	.028	(a)	10151	9.16	-	11205	(a)	-	13112	.06	.063
10012	.032	(a)	10160	1.63	-	11206	.54	-	13201	.87	.144
10015	5.69	-	10204	.165	-	11207	6.81	-	13204	.98	1.14
10020	(a)	(a)	10205	.184	-	11208	1.17	-	13205	.38	.42
10025	.028	(a)	10210	.29	(a)	11209	5.48	-	13206	(a)	(a)
10026	.47	.024	10211	.29	(a)	11210	2.33	-	13207	(a)	(a)
10027	.028	(a)	10220	3.46	-	11211	12.10	-	13208	(a)	(a)
10036	.65	(a)	10255	.239	.151	11212	1.84	-	13314	.088	.014
10040	.088	.32	10256	.88	.183	11213	1.50	-	13351	.214	.065
10042	.27	.65	10257	.165	.148	11214	3.69	-	13352	.218	.062
10052	3.94	-	10309	.119	.022	11222	.062	-	13410	1.38	2.35
10054	3.49	-	10315	.28	(a)	11234	.207	.078	13411	(a)	(a)
10060	.13	.101	10331	7.72	-	11248	.045	.016	13412	.46	1.21
10065	.195	.049	10332	13.30	-	11258	.56	.234	13453	.54	(a)
10066	.199	.08	10352	.27	.067	11259	.60	.159	13454	.63	(a)
10070	.067	.151	10367	3.12	-	11273	10.20	-	13455	.64	(a)
10071	.233	.13	10368	4.56	-	11274	9.83	-	13461	(a)	(a)
10072	3.53	-	10375	(a)	-	11288	.68	.093	13506	.67	.102
10073	1.01	.65	10378	7.82	-	12014	.098	.047	13507	.81	.217
10075	7.46	.26	10379	3.63	-	12356	.87	.042	13590	.47	.67
10100	.46	.069	10380	6.20	-	12361	.071	.07	13621	.12	.33
10101	.176	.177	10381	5.37	-	12362	.073	(a)	13670	.04	.017
10105	1.91	-	11007	1.33	-	12373	.028	.023	13673	.42	.018
10107	3.07	.35	11020	.222	.25	12374	.45	.075	13715	.073	.145
10110	19.40	-	11039	.87	.088	12375	.222	.04	13716	.33	.14
10111	.146	.067	11052	3.52	-	12391	.055	.07	13720	.238	.065
10113	.26	-	11101	(a)	(a)	12393	.29	(a)	13759	.13	.182
10115	.52	.10	11120	(a)	-	12467	.122	(a)	13930	.156	.174
10117	5.65	-	11126	.046	.024	12509	.06	.031	14068	.029	.012
10119	(a)	-	11127	.37	.013	12510	.76	.037	14101	.34	.055
10120	12.70	-	11128	.50	.109	12583	.34	(a)	14279	.46	.092
10130	2.60	-	11138	1.93	-	12651	.98	.51	14401	.56	.119
10132	2.24	-	11155	.157	-	12683	.45	(a)	14405	.78	-
10133	3.39	-	11160	(a)	(a)	12707	.48	.56	14527	.30	.179
10135	(a)	-	11167	.81	-	12797	.101	.194	14655	.065	-
10140	.033	.022	11168	4.21	-	12805	.237	.175	14731	3.49	-
10141	.065	.023	11201	11.60	-	12841	.39	-	14732	.26	-
10145	.31	.01	11202	3.44	-	12927	.069	-	14733	.46	-
10146	.206	.017	11203	.86	.46	13049	.037	.051	14734	.195	-

\$100,000/200,000 BASIC LIMIT OCCURRENCE											
Premises/Operations (Prem/Ops) (Subline Code 334) Territory 501						Products/Completed Operations (Prod/Cops) (Subline Code 336) Entire State Territory 999					
Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops
14855	.211	.133	16670	3.20	-	18501	.45	.014	40072	(a)	-
14913	.245	.236	16676	.218	.017	18506	.42	.007	40075	44.70	-
15060	(a)	(a)	16694	.40	(a)	18507	.138	.011	40101	11.00	-
15061	(a)	(a)	16705	.233	.131	18570	1.44	-	40102	9.75	-
15062	.189	(a)	16722	(a)	-	18575	(a)	(a)	40111	6.29	-
15063	.22	(a)	16723	(a)	-	18616	.32	.59	40115	(a)	-
15070	.105	-	16750	.077	.034	18707	.011	.005	40117	(a)	-
15119	(a)	-	16751	.077	-	18708	.084	.027	40140	(a)	-
15120	(a)	-	16819	1.14	(a)	18833	.131	(a)	41001	.212	-
15123	3.38	-	16820	.89	(a)	18834	.218	.154	41210	(a)	-
15124	1.18	-	16881	1.20	(a)	18911	.69	.024	41421	.40	-
15188	.33	(a)	16890	.134	(a)	18912	1.30	.048	41422	.214	-
15223	.047	.044	16891	.146	(a)	18920	.34	.025	41510	34.60	-
15224	.25	.072	16892	.27	(a)	18991	(a)	-	41603	19.00	-
15300	(a)	-	16900	2.36	.134	19007	1.32	-	41604	10.40	-
15314	.157	(a)	16901	1.51	.131	19051	2.93	-	41620	.97	-
15404	.086	(a)	16902	1.28	.057	19061	(a)	-	41650	26.70	-
15405	.127	(a)	16905	2.48	.134	19795	.226	(a)	41664	26.90	-
15406	.32	.053	16906	1.59	.131	19796	.26	-	41665	3.15	-
15488	.81	(a)	16910	1.42	.07	40005	(a)	-	41666	(a)	-
15538	.28	.021	16911	1.28	.069	40006	(a)	-	41667	73.40	-
15600	.70	.135	16915	1.45	.058	40010	(a)	-	41668	68.80	-
15607	.137	-	16916	1.21	.073	40015	(a)	-	41669	.48	-
15608	.157	.013	16920	3.22	.127	40020	(a)	-	41670	.81	-
15656	4.63	-	16921	2.94	.045	40026	(a)	-	41672	(a)	-
15699	.34	-	16930	1.85	.206	40031	(a)	-	41673	(a)	-
15733	.211	.034	16931	2.00	.093	40032	(a)	-	41675	(a)	-
15839	.211	.036	16940	4.02	.045	40040	(a)	-	41677	.20	-
15991	.172	.106	16941	1.61	.102	40041	(a)	-	41678	67.20	-
15993	.145	.068	18078	.132	.156	40042	(a)	-	41679	(a)	(a)
16005	.039	.031	18109	.29	.046	40045	177.00	-	41680	13.90	-
16009	.26	.106	18110	.23	.054	40046	35.10	-	41696	.64	-
16402	1.04	-	18200	(a)	-	40047	12.50	-	41697	.44	-
16403	.66	.25	18205	.204	.38	40059	4.48	-	41700	(a)	-
16404	.83	-	18206	.37	.156	40061	2.37	-	41715	8.81	-
16471	.193	-	18335	.27	.021	40063	79.40	-	41716	5.61	-
16501	.082	(a)	18435	.49	.07	40064	23.40	-	43007	(a)	-
16527	.126	.32	18436	.39	.159	40066	(a)	-	43117	(a)	-
16588	.12	(a)	18437	.38	(a)	40067	(a)	-	43151	22.20	-
16604	.201	.122	18438	.73	(a)	40069	(a)	-	43152	20.10	-

\$100,000/200,000 BASIC LIMIT OCCURRENCE											
Premises/Operations (Prem/Ops) (Subline Code 334) Territory 501											
Products/Completed Operations (Prod/Cops)						(Subline Code 336) Entire State Territory 999					
Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops
43200	84.50	-	44112	1.53	-	45771	.38	.139	47254	(a)	-
43215	(a)	-	44113	(a)	-	45819	.122	.059	47318	7.49	-
43421	23.20	-	44193	(a)	-	45900	.08	.042	47367	.20	-
43422	122.00	-	44194	(a)	-	45901	.069	.045	47420	1.64	-
43424	(a)	-	44222	(a)	-	45937	.191	-	47468	(a)	-
43470	3.70	-	44276	113.00	-	45993	(a)	(a)	47469	4.01	-
43517	(a)	-	44277	73.60	-	46004	25.40	-	47471	3.47	-
43518	11.50	-	44280	.20	-	46005	20.30	-	47473	4.54	-
43550	82.60	-	44311	5.94	-	46112	.043	-	47474	5.08	-
43551	45.80	-	44315	4.00	-	46202	3.52	-	47475	4.01	-
43626	9.21	-	44427	39.90	-	46362	234.00	-	47476	4.01	-
43628	120.00	-	44428	40.10	-	46426	34.30	-	47477	5.34	-
43629	101.00	-	44429	.60	-	46427	45.70	-	47478	5.61	-
43754	(a)	-	44430	.42	-	46510	(a)	-	47600	(a)	-
43760	3.38	-	44431	1.34	-	46590	(a)	-	47610	(a)	-
43822	2.93	-	44432	.42	-	46603	2.88	-	48039	59.90	-
43840	.036	-	44433	13.50	-	46604	3.32	-	48177	(a)	-
43860	2.32	-	44434	25.80	-	46606	8.84	-	48178	(a)	-
43889	.83	-	44435	26.70	-	46607	12.20	-	48206	24.40	-
43945	(a)	-	44436	31.20	-	46622	8.61	-	48252	(a)	-
43946	(a)	-	44437	25.90	-	46671	(a)	-	48441	.102	-
43990	(a)	(a)	44438	20.40	-	46700	170.00	-	48557	10.20	-
43991	(a)	-	44439	39.80	-	46773	(a)	-	48558	8.90	-
44009	4.12	-	44440	32.90	-	46822	(a)	-	48600	68.50	-
44010	(a)	(a)	44500	(a)	-	46881	(a)	-	48610	(a)	-
44069	9.84	-	44501	(a)	-	46882	(a)	-	48636	1.02	(a)
44070	2.91	-	45190	2.77	-	46911	18.20	-	48637	7.82	-
44071	3.24	-	45191	1.97	-	46912	33.40	-	48638	3.88	-
44072	2.24	-	45192	2.30	-	46913	(a)	-	48727	(a)	-
44100	4.59	-	45193	1.36	-	46914	(a)	-	48808	1.19	-
44101	4.78	-	45210	1.72	-	46915	(a)	-	48924	(a)	-
44102	3.73	-	45224	(a)	-	46916	(a)	-	48925	187.00	-
44103	3.30	-	45225	(a)	-	47050	.80	-	49005	.137	-
44104	1.39	-	45334	48.70	-	47051	(a)	-	49111	1.81	-
44105	(a)	-	45380	.247	(a)	47052	(a)	-	49181	19.60	-
44106	(a)	-	45450	14.30	-	47103	(a)	-	49183	23.90	-
44108	1.63	-	45523	(a)	-	47146	(a)	-	49184	50.40	-
44109	4.11	-	45524	(a)	-	47147	(a)	-	49185	45.80	-
44110	4.21	-	45539	(a)	-	47221	187.00	-	49239	.184	.46
44111	2.58	-	45678	.217	-	47253	(a)	-	49292	1.43	-

\$100,000/200,000 BASIC LIMIT OCCURRENCE											
Premises/Operations (Prem/Ops) (Subline Code 334) Territory 501											
Products/Completed Operations (Prod/COPs)						(Subline Code 336) Entire State Territory 999					
Class Code	Prem/Ops	Prod/Cops	Class Code	Prem/Ops	Prod/Cops	Class Code	Prem/Ops	Prod/Cops	Class Code	Prem/Ops	Prod/Cops
49305	(a)	—	51240	.31	.196	51702	.097	(a)	51986	.153	.096
49333	10.50	—	51241	.93	.218	51703	.04	(a)	51999	.064	.40
49451	(a)	—	51250	.163	(a)	51734	.076	.35	52002	.056	.114
49452	(a)	—	51251	.027	(a)	51741	.163	.243	52075	.12	.222
49617	.28	.32	51252	.095	.074	51752	.138	.15	52076	.145	(a)
49618	.234	.111	51253	.081	(a)	51767	.025	.007	52109	.014	(a)
49619	.44	.157	51254	.025	.032	51777	.088	.077	52134	.189	.60
49763	2.85	—	51255	.41	(a)	51790	.147	(a)	52137	.047	(a)
49800	(a)	—	51300	.122	.147	51796	.059	(a)	52150	.35	(a)
49801	164.00	—	51305	.122	.88	51808	.211	.68	52315	.115	.27
49802	14.60	—	51315	.12	.096	51809	.26	.146	52341	.03	(a)
49803	25.80	—	51330	.063	.66	51833	.132	.054	52342	.086	(a)
49840	.83	—	51333	.021	.32	51850	.153	(a)	52343	.052	(a)
49870	78.20	—	51340	.026	(a)	51851	.103	(a)	52401	.161	(a)
49890	(a)	—	51350	.205	.127	51852	.242	(a)	52402	.014	(a)
49891	(a)	—	51351	.183	.049	51853	.097	(a)	52432	.071	(a)
49902	(a)	—	51352	.25	.101	51854	.219	(a)	52433	.065	.80
49903	(a)	—	51355	.171	.091	51855	.229	(a)	52435	.081	(a)
50010	.153	.38	51356	.184	.56	51856	.126	(a)	52438	.059	(a)
50011	.057	(a)	51357	.17	.76	51857	.216	(a)	52440	.092	(a)
50012	.056	(a)	51358	.41	.129	51869	.07	.136	52467	.085	(a)
50015	.099	(a)	51359	.36	.71	51877	.39	.191	52469	.03	.096
50017	.076	(a)	51370	.31	3.83	51889	.065	.011	52505	.148	.237
50018	.052	(a)	51380	.031	.041	51896	.03	.017	52547	.14	.07
50019	.04	(a)	51400	.148	(a)	51900	.099	.10	52581	.72	2.19
50045	.173	(a)	51401	.218	(a)	51909	.138	.053	52619	.051	(a)
50047	.019	(a)	51500	.058	.116	51919	.066	(a)	52660	.072	—
51001	.035	.42	51516	.06	—	51926	.067	.044	52744	.51	.066
51005	.007	(a)	51517	.068	—	51927	.036	.132	52767	.128	(a)
51116	.09	.69	51550	.072	.40	51934	.073	.107	52876	(a)	(a)
51201	.026	(a)	51551	.025	.89	51941	.066	.041	52911	.04	.42
51205	.079	.059	51552	.043	.152	51942	.106	—	52967	.015	.058
51206	.012	.32	51553	.077	(a)	51956	.29	.205	53001	.148	.30
51210	.062	(a)	51554	.007	(a)	51957	.25	.46	53077	.071	.219
51211	(a)	(a)	51575	.055	.021	51958	.224	.37	53095	.049	(a)
51220	.213	1.90	51576	.138	.097	51959	.23	(a)	53096	.068	(a)
51221	.118	1.76	51600	.094	.172	51960	.03	.33	53121	.193	.40
51222	.144	4.53	51613	.062	.139	51970	.132	.177	53147	.022	(a)
51224	.151	1.49	51625	.032	(a)	51982	.039	.077	53229	.121	(a)
51230	.026	.74	51666	.087	.089	51985	.056	—	53271	.036	(a)

\$100,000/200,000 BASIC LIMIT OCCURRENCE											
Premises/Operations (Prem/Ops) (Subline Code 334) Territory 501						Products/Completed Operations (Prod/Cops) (Subline Code 336) Entire State Territory 999					
Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops
53333	.119	.248	55715	.152	.203	56918	.048	(a)	58096	.135	1.49
53374	.134	.26	55716	.219	.49	56919	.123	(a)	58301	.038	.077
53375	.071	.27	55717	.162	(a)	56920	.112	(a)	58302	.036	.051
53376	.114	.183	55718	.158	(a)	56980	.075	(a)	58397	.211	.65
53377	.116	.188	55802	.088	.011	57001	.026	.032	58408	.048	–
53403	.074	(a)	55918	.087	2.26	57002	.017	.096	58409	.06	–
53425	.112	(a)	55919	.012	3.42	57090	.18	.68	58456	.032	–
53565	.086	.096	56040	.008	.03	57146	.114	.75	58457	.047	–
53631	.022	.021	56041	.054	(a)	57202	.067	(a)	58458	.06	–
53632	.026	.032	56042	.068	(a)	57257	.083	.034	58459	.072	–
53731	.024	(a)	56170	.11	(a)	57401	.047	.089	58503	.056	.077
53732	.161	.47	56171	.054	(a)	57403	.18	.033	58532	.073	(a)
53733	.105	.228	56202	.054	.078	57410	.023	.173	58559	.015	(a)
53734	.36	–	56390	.094	.70	57411	.028	(a)	58560	.036	(a)
53803	.27	(a)	56391	.081	.30	57572	.013	.099	58561	(a)	(a)
53901	(a)	(a)	56427	.13	.119	57600	.04	.033	58575	.046	.111
53902	(a)	(a)	56488	.147	.038	57611	.059	.055	58627	.148	.012
53903	(a)	(a)	56567	.114	(a)	57625	.35	(a)	58663	.25	.95
53904	(a)	(a)	56650	.35	(a)	57651	.042	.039	58682	.132	(a)
53905	(a)	(a)	56651	.19	(a)	57690	.077	.45	58713	.056	(a)
53907	.071	.086	56652	.136	(a)	57716	.036	.074	58737	.096	.55
53951	(a)	(a)	56653	.131	(a)	57725	.08	.075	58756	.047	(a)
53952	(a)	(a)	56654	.067	(a)	57726	.062	.023	58757	.32	(a)
53953	(a)	(a)	56690	.076	.33	57798	.022	(a)	58759	.04	(a)
54012	.036	–	56699	.06	.067	57800	.08	(a)	58802	.045	.48
54077	.097	.39	56758	.051	.14	57808	.031	(a)	58813	.116	(a)
54444	(a)	(a)	56759	.052	.078	57809	.032	(a)	58822	.124	(a)
55010	.29	.98	56760	.075	.099	57810	.031	.10	58837	.233	.161
55011	.079	1.75	56805	.099	(a)	57871	.036	.111	58840	.07	.121
55012	.094	1.11	56806	.07	(a)	57913	.104	.26	58873	.111	.027
55013	.101	1.12	56807	.069	(a)	57997	.081	–	58903	.029	(a)
55014	(a)	(a)	56808	.09	(a)	57998	.046	.054	58904	.022	.12
55214	.076	.083	56900	.087	(a)	57999	.05	.07	58922	.185	.179
55371	.34	.108	56910	.043	(a)	58009	.05	(a)	59005	.054	.089
55410	(a)	(a)	56911	.098	(a)	58010	.107	(a)	59057	.40	(a)
55426	.123	(a)	56912	.08	.084	58020	.194	(a)	59058	.26	(a)
55597	.019	1.68	56913	.065	(a)	58056	.128	(a)	59188	.39	.052
55647	.038	.065	56915	.38	(a)	58057	.08	(a)	59189	.53	.28
55648	.017	(a)	56916	.35	.215	58058	.072	(a)	59223	.115	.103
55649	.021	(a)	56917	.10	(a)	58095	.102	1.79	59257	.015	.012

\$100,000/200,000 BASIC LIMIT OCCURRENCE											
Premises/Operations (Prem/Ops) (Subline Code 334) Territory 501											
Products/Completed Operations (Prod/Cops)						(Subline Code 336) Entire State Territory 999					
Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops
59306	.091	(a)	59923	.01	.005	62003	18.10	-	91125	2.14	2.36
59378	.075	.141	59925	.37	1.19	63010	35.70	-	91127	1.97	1.45
59481	.245	.096	59926	.31	.46	63011	44.70	-	91130	1.03	-
59482	.40	(a)	59927	.211	1.30	63012	63.50	-	91135	.29	(a)
59537	.081	.232	59931	.189	.48	63013	60.20	-	91150	1.86	8.04
59601	.093	2.23	59932	.204	.80	63215	59.90	-	91155	4.13	63.10
59647	.179	.158	59941	.063	(a)	63216	41.50	-	91160	.86	-
59660	.17	1.06	59947	.051	.30	63217	35.60	-	91175	.74	-
59661	.083	(a)	59955	.024	.132	63218	12.00	-	91177	3.25	-
59693	.014	-	59963	.18	.37	63219	(a)	-	91179	3.26	-
59695	(a)	(a)	59964	.42	.066	63220	(a)	-	91190	1.75	(a)
59701	.007	.33	59970	.069	.169	64074	19.60	-	91200	.60	-
59713	.152	.33	59973	.116	(a)	64075	13.80	-	91210	(a)	-
59722	.079	.028	59975	.096	.19	64500	(a)	-	91235	2.27	3.28
59723	.03	.034	59977	.055	(a)	65007	36.50	-	91250	3.42	(a)
59724	.045	.015	59984	.032	.049	66122	15.70	-	91265	12.60	3.30
59725	.057	.145	59985	.125	(a)	66123	8.63	-	91266	6.69	1.46
59726	.041	.023	59986	.095	(a)	66309	25.20	-	91280	(a)	5.34
59738	.132	.059	59988	.025	.055	66561	58.30	-	91302	8.16	(a)
59750	.06	.181	59989	.017	.041	67017	54.10	-	91315	2.48	-
59751	.022	(a)	60010	19.90	-	67508	32.10	-	91324	5.52	(a)
59773	.023	.026	60011	22.80	-	67509	23.50	-	91325	(a)	(a)
59774	.019	.141	60012	37.50	-	67510	13.10	-	91340	3.60	13.10
59775	.024	.178	60013	32.20	-	67511	14.20	-	91341	3.72	7.49
59781	.052	.085	60015	24.00	-	67512	60.60	-	91342	3.31	5.26
59782	.078	.56	60016	27.00	-	67513	38.50	-	91343	.82	1.97
59783	.076	(a)	60035	41.10	-	67634	46.90	-	91405	4.20	-
59784	.058	(a)	61000	19.70	-	67635	33.10	-	91436	4.22	3.24
59790	.102	(a)	61212	21.00	-	68001	101.00	-	91481	15.40	-
59798	.198	.46	61216	23.30	-	68439	130.00	-	91507	2.26	4.76
59806	.142	(a)	61217	21.20	-	68500	4.37	-	91523	35.00	-
59867	.114	(a)	61218	14.50	-	68604	2.44	-	91547	.199	-
59886	.015	.10	61223	103.00	-	68606	9.51	-	91551	1.23	.95
59889	.075	.187	61224	32.80	-	68607	7.52	-	91555	1.37	1.35
59892	.076	(a)	61225	45.50	-	68702	6.19	-	91560	3.70	6.02
59904	.051	.076	61226	76.60	-	68703	4.64	-	91562	2.74	-
59905	.072	.12	61227	70.10	-	68706	19.90	-	91577	9.82	4.95
59914	.42	.69	62000	16.00	-	68707	19.70	-	91580	4.89	-
59915	.17	.66	62001	12.60	-	90089	3.56	-	91581	(a)	(a)
59917	.032	.232	62002	5.75	-	91111	2.93	8.25	91582	(a)	(a)

\$100,000/200,000 BASIC LIMIT OCCURRENCE											
Premises/Operations (Prem/Ops) (Subline Code 334) Territory 501											
Products/Completed Operations (Prod/COps)						(Subline Code 336) Entire State Territory 999					
Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops
91583	(a)	(a)	94444	(a)	(a)	97223	2.27	4.53	98308	.94	1.45
91584	(a)	(a)	94569	2.42	5.72	97308	.52	-	98309	4.44	3.60
91585	(a)	(a)	94590	10.40	-	97447	1.70	8.17	98344	.57	.86
91586	(a)	(a)	94617	3.30	-	97501	(a)	-	98405	.92	-
91587	(a)	(a)	94638	(a)	-	97502	(a)	-	98413	11.90	(a)
91588	(a)	(a)	95124	1.22	1.15	97503	(a)	-	98414	10.90	(a)
91589	(a)	(a)	95233	2.61	-	97504	(a)	-	98415	1.43	(a)
91590	2.85	-	95305	2.84	-	97650	3.02	5.61	98423	3.41	(a)
91591	(a)	(a)	95306	4.07	-	97651	5.03	5.92	98424	5.78	(a)
91606	10.10	-	95310	6.77	1.74	97652	4.37	7.14	98425	2.37	(a)
91618	(a)	(a)	95357	1.03	-	97653	2.58	4.23	98426	2.10	(a)
91629	2.08	(a)	95358	(a)	-	97654	4.51	3.88	98427	2.05	-
91636	3.55	-	95410	3.65	3.87	97655	3.88	6.59	98428	(a)	-
91641	.96	(a)	95455	4.29	2.24	98002	.71	1.30	98429	.92	-
91666	.76	(a)	95487	1.97	(a)	98003	.80	(a)	98430	(a)	-
91722	3.11	(a)	95505	2.00	3.40	98090	.108	-	98449	2.93	35.50
91746	2.74	6.75	95620	1.59	(a)	98091	.118	-	98482	3.14	11.20
91805	.173	-	95625	3.90	6.09	98092	.36	-	98483	4.64	28.70
92053	.43	.75	95630	(a)	(a)	98111	.58	-	98502	4.44	6.00
92054	.146	.232	95647	2.73	7.54	98150	(a)	-	98555	2.07	-
92055	4.07	.26	95648	(a)	(a)	98151	(a)	-	98597	.47	-
92101	6.37	4.36	96053	2.08	6.78	98152	2.36	1.07	98598	.159	-
92102	3.83	5.59	96317	1.07	-	98153	2.66	(a)	98601	5.31	(a)
92215	3.26	4.77	96408	3.17	17.50	98154	3.15	(a)	98622	(a)	-
92338	1.47	3.28	96409	2.93	16.40	98155	4.40	(a)	98623	(a)	-
92445	2.04	-	96410	2.57	13.80	98156	(a)	(a)	98624	.83	-
92446	4.84	2.21	96611	.82	2.04	98157	2.81	.44	98636	2.79	4.56
92447	4.23	2.28	96702	3.64	(a)	98158	(a)	(a)	98640	91.70	-
92451	2.27	2.98	96703	(a)	-	98159	1.89	(a)	98658	4.55	-
92453	2.68	-	96816	3.42	-	98160	3.99	(a)	98659	.81	.41
92478	1.33	2.31	96872	3.81	(a)	98161	4.48	(a)	98677	14.50	15.00
92593	29.80	-	96930	(a)	-	98162	(a)	(a)	98678	12.80	23.30
92663	.48	-	97002	(a)	(a)	98163	4.70	.22	98698	(a)	(a)
94007	9.09	8.42	97003	(a)	(a)	98164	1.92	.07	98699	4.18	(a)
94099	2.07	-	97047	2.51	-	98257	1.22	-	98705	6.43	-
94225	7.28	-	97050	1.95	-	98303	8.84	8.84	98710	2.90	-
94276	3.79	6.26	97111	4.38	-	98304	4.52	5.34	98751	3.44	-
94304	2.90	(a)	97220	.28	(a)	98305	2.02	2.81	98805	3.79	2.05
94381	5.44	22.70	97221	(a)	1.28	98306	5.19	1.20	98806	2.60	4.62
94404	3.59	8.00	97222	1.50	2.14	98307	1.43	.60	98810	2.84	-

\$100,000/200,000 BASIC LIMIT OCCURRENCE											
Premises/Operations (Prem/Ops) (Subline Code 334) Territory 501											
Products/Completed Operations (Prod/Cops)						(Subline Code 336) Entire State Territory 999					
Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops
98813	2.74	2.57	99620	.40	-						
98820	7.24	5.11	99650	1.23	1.42						
98871	(a)	(a)	99709	3.04	(a)						
98884	1.89	3.09	99718	1.16	-						
98914	.56	.61	99746	1.98	4.44						
98949	.77	.36	99760	.225	-						
98967	2.96	18.30	99777	4.93	-						
98993	5.33	4.08	99793	2.50	-						
99003	1.41	2.03	99798	(a)	(a)						
99004	2.28	2.34	99803	(a)	15.40						
99080	.99	10.60	99826	.57	.78						
99081	(a)	-	99827	.36	.66						
99082	(a)	-	99851	1.46	-						
99083	(a)	-	99917	2.36	-						
99084	(a)	(a)	99938	2.65	-						
99085	(a)	(a)	99943	7.69	-						
99111	1.45	-	99946	5.73	3.68						
99160	(a)	-	99948	6.42	36.20						
99163	3.45	.49	99952	4.16	27.40						
99165	.75	(a)	99953	4.50	14.50						
99220	1.22	(a)	99954	3.27	12.40						
99221	(a)	(a)	99955	4.10	8.98						
99222	2.29	(a)	99963	.57	-						
99223	.213	(a)	99969	2.22	5.34						
99303	11.50	-	99975	3.63	-						
99310	2.89	(a)	99986	(a)	-						
99315	8.50	3.21	99987	(a)	-						
99321	8.24	3.38	99988	1.96	-						
99445	(a)	(a)									
99471	.56	-									
99505	4.51	-									
99506	5.55	-									
99507	4.85	-									
99570	2.60	(a)									
99571	.63	(a)									
99572	1.23	(a)									
99573	1.17	(a)									
99600	.99	-									
99613	7.31	3.15									
99614	2.21	-									

\$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	.141	.189	10150	.57	(a)	11204	.36	2.04	13111	.63	.092
10011	.034	(a)	10151	14.20	-	11205	(a)	-	13112	.064	.063
10012	.039	(a)	10160	2.53	-	11206	.53	-	13201	.82	.144
10015	5.14	-	10204	.26	-	11207	6.71	-	13204	.93	1.14
10020	(a)	(a)	10205	.29	-	11208	1.15	-	13205	.36	.42
10025	.034	(a)	10210	.46	(a)	11209	5.40	-	13206	(a)	(a)
10026	.74	.024	10211	.46	(a)	11210	2.30	-	13207	(a)	(a)
10027	.034	(a)	10220	5.38	-	11211	11.90	-	13208	(a)	(a)
10036	.61	(a)	10255	.227	.151	11212	1.81	-	13314	.137	.014
10040	.108	.32	10256	.83	.183	11213	1.47	-	13351	.33	.065
10042	.42	.65	10257	.156	.148	11214	3.63	-	13352	.34	.062
10052	3.56	-	10309	.184	.022	11222	.061	-	13410	1.30	2.35
10054	3.16	-	10315	.43	(a)	11234	.32	.078	13411	(a)	(a)
10060	.202	.101	10331	6.97	-	11248	.043	.016	13412	.44	1.21
10065	.30	.049	10332	12.00	-	11258	.68	.234	13453	.51	(a)
10066	.31	.08	10352	.33	.067	11259	.72	.159	13454	.59	(a)
10070	.081	.151	10367	3.08	-	11273	15.90	-	13455	.60	(a)
10071	.36	.13	10368	4.49	-	11274	15.30	-	13461	(a)	(a)
10072	3.48	-	10375	(a)	-	11288	.83	.093	13506	1.05	.102
10073	.95	.65	10378	7.06	-	12014	.093	.047	13507	1.26	.217
10075	7.06	.26	10379	3.28	-	12356	1.35	.042	13590	.45	.67
10100	.56	.069	10380	5.60	-	12361	.075	.07	13621	.113	.33
10101	.27	.177	10381	4.85	-	12362	.089	(a)	13670	.042	.017
10105	2.96	-	11007	1.31	-	12373	.034	.023	13673	.51	.018
10107	2.91	.35	11020	.35	.25	12374	.70	.075	13715	.089	.145
10110	17.50	-	11039	.83	.088	12375	.35	.04	13716	.52	.14
10111	.177	.067	11052	2.36	-	12391	.067	.07	13720	.29	.065
10113	.41	-	11101	(a)	(a)	12393	.46	(a)	13759	.202	.182
10115	.82	.10	11120	(a)	-	12467	.19	(a)	13930	.189	.174
10117	5.11	-	11126	.071	.024	12509	.057	.031	14068	.045	.012
10119	(a)	-	11127	.45	.013	12510	.72	.037	14101	.52	.055
10120	11.50	-	11128	.61	.109	12583	.32	(a)	14279	.43	.092
10130	4.04	-	11138	1.74	-	12651	.93	.51	14401	.68	.119
10132	3.48	-	11155	.244	-	12683	.43	(a)	14405	.77	-
10133	2.27	-	11160	(a)	(a)	12707	.58	.56	14527	.36	.179
10135	(a)	-	11167	.54	-	12797	.123	.194	14655	.101	-
10140	.035	.022	11168	2.82	-	12805	.37	.175	14731	2.34	-
10141	.069	.023	11201	11.40	-	12841	.61	-	14732	.173	-
10145	.33	.01	11202	3.38	-	12927	.107	-	14733	.71	-
10146	.25	.017	11203	1.05	.46	13049	.039	.051	14734	.30	-

\$100,000/200,000 BASIC LIMIT OCCURRENCE											
Premises/Operations (Prem/Ops) (Subline Code 334) Territory 502											
Products/Completed Operations (Prod/Cops)						(Subline Code 336) Entire State Territory 999					
Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops
14855	.199	.133	16670	2.89	-	18501	.54	.014	40072	(a)	-
14913	.38	.236	16676	.34	.017	18506	.40	.007	40075	36.50	-
15060	(a)	(a)	16694	.38	(a)	18507	.214	.011	40101	12.40	-
15061	(a)	(a)	16705	.28	.131	18570	2.24	-	40102	11.00	-
15062	.179	(a)	16722	(a)	-	18575	(a)	(a)	40111	5.68	-
15063	.209	(a)	16723	(a)	-	18616	.30	.59	40115	(a)	-
15070	.103	-	16750	.119	.034	18707	.013	.005	40117	(a)	-
15119	(a)	-	16751	.119	-	18708	.131	.027	40140	(a)	-
15120	(a)	-	16819	1.08	(a)	18833	.159	(a)	41001	.192	-
15123	2.26	-	16820	.84	(a)	18834	.34	.154	41210	(a)	-
15124	.79	-	16881	1.86	(a)	18911	1.07	.024	41421	.32	-
15188	.32	(a)	16890	.127	(a)	18912	2.02	.048	41422	.17	-
15223	.05	.044	16891	.138	(a)	18920	.52	.025	41510	53.80	-
15224	.31	.072	16892	.25	(a)	18991	(a)	-	41603	15.10	-
15300	(a)	-	16900	2.11	.134	19007	.89	-	41604	8.30	-
15314	.244	(a)	16901	1.35	.131	19051	1.96	-	41620	.96	-
15404	.082	(a)	16902	1.15	.057	19061	(a)	-	41650	21.30	-
15405	.12	(a)	16905	2.22	.134	19795	.35	(a)	41664	24.30	-
15406	.31	.053	16906	1.42	.131	19796	.41	-	41665	2.84	-
15488	.76	(a)	16910	1.26	.07	40005	(a)	-	41666	(a)	-
15538	.43	.021	16911	1.15	.069	40006	(a)	-	41667	66.30	-
15600	1.09	.135	16915	1.30	.058	40010	(a)	-	41668	62.20	-
15607	.135	-	16916	1.08	.073	40015	(a)	-	41669	.44	-
15608	.244	.013	16920	2.87	.127	40020	(a)	-	41670	.73	-
15656	7.21	-	16921	2.63	.045	40026	(a)	-	41672	(a)	-
15699	.33	-	16930	1.65	.206	40031	(a)	-	41673	(a)	-
15733	.199	.034	16931	1.78	.093	40032	(a)	-	41675	(a)	-
15839	.33	.036	16940	3.59	.045	40040	(a)	-	41677	.197	-
15991	.27	.106	16941	1.44	.102	40041	(a)	-	41678	44.50	-
15993	.226	.068	18078	.161	.156	40042	(a)	-	41679	(a)	(a)
16005	.047	.031	18109	.45	.046	40045	160.00	-	41680	11.10	-
16009	.245	.106	18110	.36	.054	40046	31.70	-	41696	.63	-
16402	1.62	-	18200	(a)	-	40047	11.30	-	41697	.44	-
16403	1.02	.25	18205	.248	.38	40059	4.04	-	41700	(a)	-
16404	1.29	-	18206	.58	.156	40061	2.14	-	41715	7.02	-
16471	.19	-	18335	.42	.021	40063	71.80	-	41716	4.47	-
16501	.10	(a)	18435	.59	.07	40064	21.10	-	43007	(a)	-
16527	.153	.32	18436	.48	.159	40066	(a)	-	43117	(a)	-
16588	.113	(a)	18437	.60	(a)	40067	(a)	-	43151	18.10	-
16604	.19	.122	18438	1.14	(a)	40069	(a)	-	43152	13.30	-

\$100,000/200,000 BASIC LIMIT OCCURRENCE											
Premises/Operations (Prem/Ops) (Subline Code 334) Territory 502											
Products/Completed Operations (Prod/Cops)						(Subline Code 336) Entire State Territory 999					
Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops
43200	69.00	-	44112	1.19	-	45771	.36	.139	47254	(a)	-
43215	(a)	-	44113	(a)	-	45819	.116	.059	47318	6.76	-
43421	18.90	-	44193	(a)	-	45900	.125	.042	47367	.197	-
43422	99.30	-	44194	(a)	-	45901	.107	.045	47420	1.48	-
43424	(a)	-	44222	(a)	-	45937	.156	-	47468	(a)	-
43470	3.65	-	44276	92.60	-	45993	(a)	(a)	47469	3.19	-
43517	(a)	-	44277	60.10	-	46004	20.20	-	47471	2.77	-
43518	10.40	-	44280	.197	-	46005	16.20	-	47473	3.62	-
43550	67.50	-	44311	5.37	-	46112	.049	-	47474	4.04	-
43551	37.40	-	44315	3.61	-	46202	3.08	-	47475	3.19	-
43626	8.32	-	44427	44.90	-	46362	155.00	-	47476	3.19	-
43628	108.00	-	44428	45.20	-	46426	22.70	-	47477	4.26	-
43629	91.60	-	44429	.68	-	46427	30.30	-	47478	4.47	-
43754	(a)	-	44430	.47	-	46510	(a)	-	47600	(a)	-
43760	3.05	-	44431	1.50	-	46590	(a)	-	47610	(a)	-
43822	2.88	-	44432	.48	-	46603	1.91	-	48039	48.90	-
43840	.036	-	44433	15.20	-	46604	2.20	-	48177	(a)	-
43860	2.28	-	44434	29.10	-	46606	5.86	-	48178	(a)	-
43889	.82	-	44435	30.10	-	46607	8.05	-	48206	22.00	-
43945	(a)	-	44436	35.10	-	46622	8.47	-	48252	(a)	-
43946	(a)	-	44437	29.10	-	46671	(a)	-	48441	.092	-
43990	(a)	(a)	44438	23.00	-	46700	139.00	-	48557	9.24	-
43991	(a)	-	44439	44.80	-	46773	(a)	-	48558	8.04	-
44009	2.76	-	44440	37.10	-	46822	(a)	-	48600	45.40	-
44010	(a)	(a)	44500	(a)	-	46881	(a)	-	48610	(a)	-
44069	8.89	-	44501	(a)	-	46882	(a)	-	48636	1.89	(a)
44070	2.63	-	45190	2.43	-	46911	16.50	-	48637	7.06	-
44071	2.93	-	45191	1.72	-	46912	30.10	-	48638	3.50	-
44072	2.02	-	45192	2.02	-	46913	(a)	-	48727	(a)	-
44100	3.58	-	45193	1.19	-	46914	(a)	-	48808	1.84	-
44101	3.73	-	45210	1.51	-	46915	(a)	-	48924	(a)	-
44102	2.91	-	45224	(a)	-	46916	(a)	-	48925	169.00	-
44103	2.58	-	45225	(a)	-	47050	.78	-	49005	.135	-
44104	1.08	-	45334	39.80	-	47051	(a)	-	49111	2.82	-
44105	(a)	-	45380	.233	(a)	47052	(a)	-	49181	16.00	-
44106	(a)	-	45450	11.70	-	47103	(a)	-	49183	19.50	-
44108	1.27	-	45523	(a)	-	47146	(a)	-	49184	41.10	-
44109	3.21	-	45524	(a)	-	47147	(a)	-	49185	37.40	-
44110	3.29	-	45539	(a)	-	47221	152.00	-	49239	.175	.46
44111	2.02	-	45678	.214	-	47253	(a)	-	49292	1.17	-

\$100,000/200,000 BASIC LIMIT OCCURRENCE											
Premises/Operations (Prem/Ops) (Subline Code 334) Territory 502											
Products/Completed Operations (Prod/COPs)						(Subline Code 336) Entire State Territory 999					
Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops
49305	(a)	—	51240	.41	.196	51702	.179	(a)	51986	.199	.096
49333	8.58	—	51241	1.21	.218	51703	.074	(a)	51999	.084	.40
49451	(a)	—	51250	.30	(a)	51734	.139	.35	52002	.073	.114
49452	(a)	—	51251	.035	(a)	51741	.212	.243	52075	.221	.222
49617	.186	.32	51252	.123	.074	51752	.179	.15	52076	.27	(a)
49618	.157	.111	51253	.105	(a)	51767	.031	.007	52109	.019	(a)
49619	.29	.157	51254	.033	.032	51777	.106	.077	52134	.246	.60
49763	1.91	—	51255	.76	(a)	51790	.177	(a)	52137	.087	(a)
49800	(a)	—	51300	.147	.147	51796	.077	(a)	52150	.45	(a)
49801	134.00	—	51305	.147	.88	51808	.28	.68	52315	.138	.27
49802	11.90	—	51315	.113	.096	51809	.34	.146	52341	.054	(a)
49803	21.10	—	51330	.116	.66	51833	.159	.054	52342	.158	(a)
49840	.82	—	51333	.038	.32	51850	.28	(a)	52343	.096	(a)
49870	70.60	—	51340	.034	(a)	51851	.19	(a)	52401	.30	(a)
49890	(a)	—	51350	.246	.127	51852	.45	(a)	52402	.019	(a)
49891	(a)	—	51351	.221	.049	51853	.179	(a)	52432	.092	(a)
49902	(a)	—	51352	.30	.101	51854	.40	(a)	52433	.084	.80
49903	(a)	—	51355	.206	.091	51855	.42	(a)	52435	.105	(a)
50010	.199	.38	51356	.222	.56	51856	.232	(a)	52438	.076	(a)
50011	.105	(a)	51357	.161	.76	51857	.40	(a)	52440	.12	(a)
50012	.073	(a)	51358	.39	.129	51869	.091	.136	52467	.111	(a)
50015	.129	(a)	51359	.34	.71	51877	.51	.191	52469	.039	.096
50017	.098	(a)	51370	.40	3.83	51889	.084	.011	52505	.193	.237
50018	.096	(a)	51380	.04	.041	51896	.039	.017	52547	.26	.07
50019	.052	(a)	51400	.27	(a)	51900	.119	.10	52581	.94	2.19
50045	.225	(a)	51401	.40	(a)	51909	.25	.053	52619	.066	(a)
50047	.025	(a)	51500	.075	.116	51919	.085	(a)	52660	.071	—
51001	.065	.42	51516	.059	—	51926	.087	.044	52744	.61	.066
51005	.013	(a)	51517	.067	—	51927	.047	.132	52767	.235	(a)
51116	.165	.69	51550	.093	.40	51934	.095	.107	52876	(a)	(a)
51201	.034	(a)	51551	.032	.89	51941	.086	.041	52911	.052	.42
51205	.103	.059	51552	.056	.152	51942	.138	—	52967	.02	.058
51206	.016	.32	51553	.10	(a)	51956	.37	.205	53001	.193	.30
51210	.114	(a)	51554	.009	(a)	51957	.33	.46	53077	.093	.219
51211	(a)	(a)	51575	.066	.021	51958	.29	.37	53095	.064	(a)
51220	.39	1.90	51576	.179	.097	51959	.30	(a)	53096	.088	(a)
51221	.217	1.76	51600	.122	.172	51960	.039	.33	53121	.25	.40
51222	.26	4.53	51613	.081	.139	51970	.172	.177	53147	.04	(a)
51224	.28	1.49	51625	.06	(a)	51982	.051	.077	53229	.223	(a)
51230	.047	.74	51666	.105	.089	51985	.055	—	53271	.047	(a)

\$100,000/200,000 BASIC LIMIT OCCURRENCE											
Premises/Operations (Prem/Ops) (Subline Code 334) Territory 502						Products/Completed Operations (Prod/Cops) (Subline Code 336) Entire State Territory 999					
Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops
53333	.219	.248	55715	.197	.203	56918	.089	(a)	58096	.176	1.49
53374	.161	.26	55716	.29	.49	56919	.226	(a)	58301	.071	.077
53375	.085	.27	55717	.30	(a)	56920	.206	(a)	58302	.047	.051
53376	.137	.183	55718	.29	(a)	56980	.098	(a)	58397	.28	.65
53377	.14	.188	55802	.106	.011	57001	.034	.032	58408	.047	–
53403	.089	(a)	55918	.113	2.26	57002	.022	.096	58409	.059	–
53425	.206	(a)	55919	.015	3.42	57090	.33	.68	58456	.032	–
53565	.103	.096	56040	.011	.03	57146	.21	.75	58457	.046	–
53631	.029	.021	56041	.07	(a)	57202	.087	(a)	58458	.059	–
53632	.034	.032	56042	.088	(a)	57257	.108	.034	58459	.071	–
53731	.031	(a)	56170	.203	(a)	57401	.061	.089	58503	.073	.077
53732	.21	.47	56171	.10	(a)	57403	.217	.033	58532	.095	(a)
53733	.137	.228	56202	.07	.078	57410	.03	.173	58559	.019	(a)
53734	.36	–	56390	.123	.70	57411	.051	(a)	58560	.047	(a)
53803	.49	(a)	56391	.105	.30	57572	.017	.099	58561	(a)	(a)
53901	(a)	(a)	56427	.17	.119	57600	.052	.033	58575	.06	.111
53902	(a)	(a)	56488	.177	.038	57611	.109	.055	58627	.193	.012
53903	(a)	(a)	56567	.21	(a)	57625	.45	(a)	58663	.47	.95
53904	(a)	(a)	56650	.64	(a)	57651	.055	.039	58682	.171	(a)
53905	(a)	(a)	56651	.35	(a)	57690	.141	.45	58713	.068	(a)
53907	.092	.086	56652	.25	(a)	57716	.067	.074	58737	.124	.55
53951	(a)	(a)	56653	.241	(a)	57725	.147	.075	58756	.087	(a)
53952	(a)	(a)	56654	.123	(a)	57726	.114	.023	58757	.42	(a)
53953	(a)	(a)	56690	.092	.33	57798	.028	(a)	58759	.052	(a)
54012	.036	–	56699	.078	.067	57800	.105	(a)	58802	.059	.48
54077	.126	.39	56758	.066	.14	57808	.056	(a)	58813	.214	(a)
54444	(a)	(a)	56759	.068	.078	57809	.058	(a)	58822	.162	(a)
55010	.38	.98	56760	.097	.099	57810	.056	.10	58837	.43	.161
55011	.103	1.75	56805	.128	(a)	57871	.067	.111	58840	.129	.121
55012	.123	1.11	56806	.091	(a)	57913	.135	.26	58873	.205	.027
55013	.186	1.12	56807	.09	(a)	57997	.079	–	58903	.037	(a)
55014	(a)	(a)	56808	.118	(a)	57998	.06	.054	58904	.028	.12
55214	.099	.083	56900	.113	(a)	57999	.092	.07	58922	.34	.179
55371	.41	.108	56910	.056	(a)	58009	.092	(a)	59005	.07	.089
55410	(a)	(a)	56911	.181	(a)	58010	.139	(a)	59057	.52	(a)
55426	.226	(a)	56912	.147	.084	58020	.233	(a)	59058	.34	(a)
55597	.025	1.68	56913	.119	(a)	58056	.166	(a)	59188	.46	.052
55647	.05	.065	56915	.71	(a)	58057	.105	(a)	59189	.64	.28
55648	.022	(a)	56916	.64	.215	58058	.094	(a)	59223	.212	.103
55649	.027	(a)	56917	.185	(a)	58095	.132	1.79	59257	.019	.012

\$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
59306	.119	(a)	59923	.013	.005	62003	12.00	—	91125	2.14	2.36
59378	.138	.141	59925	.35	1.19	63010	21.50	—	91127	1.97	1.45
59481	.32	.096	59926	.30	.46	63011	26.90	—	91130	1.03	—
59482	.48	(a)	59927	.199	1.30	63012	38.20	—	91135	.29	(a)
59537	.148	.232	59931	.246	.48	63013	36.20	—	91150	1.86	8.04
59601	.12	2.23	59932	.26	.80	63215	39.70	—	91155	4.13	63.10
59647	.216	.158	59941	.082	(a)	63216	27.50	—	91160	.86	—
59660	.221	1.06	59947	.094	.30	63217	32.20	—	91175	.74	—
59661	.109	(a)	59955	.032	.132	63218	10.80	—	91177	3.25	—
59693	.018	—	59963	.235	.37	63219	(a)	—	91179	3.26	—
59695	(a)	(a)	59964	.55	.066	63220	(a)	—	91190	1.75	(a)
59701	.009	.33	59970	.127	.169	64074	17.10	—	91200	.60	—
59713	.198	.33	59973	.152	(a)	64075	12.10	—	91210	(a)	—
59722	.103	.028	59975	.177	.19	64500	(a)	—	91235	2.27	3.28
59723	.039	.034	59977	.101	(a)	65007	24.20	—	91250	3.42	(a)
59724	.059	.015	59984	.041	.049	66122	10.40	—	91265	12.60	3.30
59725	.074	.145	59985	.162	(a)	66123	5.72	—	91266	6.69	1.46
59726	.054	.023	59986	.124	(a)	66309	16.70	—	91280	(a)	5.34
59738	.171	.059	59988	.045	.055	66561	38.70	—	91302	8.16	(a)
59750	.11	.181	59989	.022	.041	67017	35.90	—	91315	2.48	—
59751	.04	(a)	60010	11.90	—	67508	25.50	—	91324	5.52	(a)
59773	.027	.026	60011	13.70	—	67509	18.70	—	91325	(a)	(a)
59774	.023	.141	60012	22.60	—	67510	10.40	—	91340	3.60	13.10
59775	.029	.178	60013	19.40	—	67511	11.30	—	91341	3.72	7.49
59781	.096	.085	60015	14.50	—	67512	48.30	—	91342	3.31	5.26
59782	.143	.56	60016	16.20	—	67513	30.70	—	91343	.82	1.97
59783	.139	(a)	60035	27.20	—	67634	31.00	—	91405	4.20	—
59784	.107	(a)	61000	11.80	—	67635	22.00	—	91436	4.22	3.24
59790	.132	(a)	61212	13.90	—	68001	67.10	—	91481	15.40	—
59798	.36	.46	61216	15.40	—	68439	86.20	—	91507	2.26	4.76
59806	.26	(a)	61217	14.00	—	68500	2.63	—	91523	35.00	—
59867	.149	(a)	61218	9.60	—	68604	1.61	—	91547	.199	—
59886	.02	.10	61223	68.20	—	68606	6.30	—	91551	1.23	.95
59889	.09	.187	61224	21.70	—	68607	4.98	—	91555	1.37	1.35
59892	.139	(a)	61225	30.20	—	68702	4.10	—	91560	3.70	6.02
59904	.094	.076	61226	50.80	—	68703	3.07	—	91562	2.74	—
59905	.093	.12	61227	46.50	—	68706	13.20	—	91577	9.82	4.95
59914	.55	.69	62000	10.60	—	68707	13.00	—	91580	4.89	—
59915	.31	.66	62001	8.35	—	90089	3.56	—	91581	(a)	(a)
59917	.058	.232	62002	3.81	—	91111	2.93	8.25	91582	(a)	(a)

\$100,000/200,000 BASIC LIMIT OCCURRENCE											
Premises/Operations (Prem/Ops) (Subline Code 334) Territory 502											
Products/Completed Operations (Prod/COps)						(Subline Code 336) Entire State Territory 999					
Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops
91583	(a)	(a)	94444	(a)	(a)	97223	2.27	4.53	98308	.94	1.45
91584	(a)	(a)	94569	2.42	5.72	97308	.52	-	98309	4.44	3.60
91585	(a)	(a)	94590	10.40	-	97447	1.70	8.17	98344	.57	.86
91586	(a)	(a)	94617	3.30	-	97501	(a)	-	98405	.92	-
91587	(a)	(a)	94638	(a)	-	97502	(a)	-	98413	11.90	(a)
91588	(a)	(a)	95124	1.22	1.15	97503	(a)	-	98414	10.90	(a)
91589	(a)	(a)	95233	2.61	-	97504	(a)	-	98415	1.43	(a)
91590	2.85	-	95305	2.84	-	97650	3.02	5.61	98423	3.41	(a)
91591	(a)	(a)	95306	4.07	-	97651	5.03	5.92	98424	5.78	(a)
91606	10.10	-	95310	6.77	1.74	97652	4.37	7.14	98425	2.37	(a)
91618	(a)	(a)	95357	1.03	-	97653	2.58	4.23	98426	2.10	(a)
91629	2.08	(a)	95358	(a)	-	97654	4.51	3.88	98427	2.05	-
91636	3.55	-	95410	3.65	3.87	97655	3.88	6.59	98428	(a)	-
91641	.96	(a)	95455	4.29	2.24	98002	.71	1.30	98429	.92	-
91666	.76	(a)	95487	1.97	(a)	98003	.80	(a)	98430	(a)	-
91722	3.11	(a)	95505	2.00	3.40	98090	.108	-	98449	2.93	35.50
91746	2.74	6.75	95620	1.59	(a)	98091	.118	-	98482	3.14	11.20
91805	.173	-	95625	3.90	6.09	98092	.36	-	98483	4.64	28.70
92053	.43	.75	95630	(a)	(a)	98111	.58	-	98502	4.44	6.00
92054	.146	.232	95647	2.73	7.54	98150	(a)	-	98555	2.07	-
92055	4.07	.26	95648	(a)	(a)	98151	(a)	-	98597	.47	-
92101	6.37	4.36	96053	2.08	6.78	98152	2.36	1.07	98598	.159	-
92102	3.83	5.59	96317	1.07	-	98153	2.66	(a)	98601	5.31	(a)
92215	3.26	4.77	96408	3.17	17.50	98154	3.15	(a)	98622	(a)	-
92338	1.47	3.28	96409	2.93	16.40	98155	4.40	(a)	98623	(a)	-
92445	2.04	-	96410	2.57	13.80	98156	(a)	(a)	98624	.83	-
92446	4.84	2.21	96611	.82	2.04	98157	2.81	.44	98636	2.79	4.56
92447	4.23	2.28	96702	3.64	(a)	98158	(a)	(a)	98640	91.70	-
92451	2.27	2.98	96703	(a)	-	98159	1.89	(a)	98658	4.55	-
92453	2.68	-	96816	3.42	-	98160	3.99	(a)	98659	.81	.41
92478	1.33	2.31	96872	3.81	(a)	98161	4.48	(a)	98677	14.50	15.00
92593	29.80	-	96930	(a)	-	98162	(a)	(a)	98678	12.80	23.30
92663	.48	-	97002	(a)	(a)	98163	4.70	.22	98698	(a)	(a)
94007	9.09	8.42	97003	(a)	(a)	98164	1.92	.07	98699	4.18	(a)
94099	2.07	-	97047	2.51	-	98257	1.22	-	98705	6.43	-
94225	7.28	-	97050	1.95	-	98303	8.84	8.84	98710	2.90	-
94276	3.79	6.26	97111	4.38	-	98304	4.52	5.34	98751	3.44	-
94304	2.90	(a)	97220	.28	(a)	98305	2.02	2.81	98805	3.79	2.05
94381	5.44	22.70	97221	(a)	1.28	98306	5.19	1.20	98806	2.60	4.62
94404	3.59	8.00	97222	1.50	2.14	98307	1.43	.60	98810	2.84	-

\$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
98813	2.74	2.57	99620	.40	-						
98820	7.24	5.11	99650	1.23	1.42						
98871	(a)	(a)	99709	3.04	(a)						
98884	1.89	3.09	99718	1.16	-						
98914	.56	.61	99746	1.98	4.44						
98949	.77	.36	99760	.225	-						
98967	2.96	18.30	99777	4.93	-						
98993	5.33	4.08	99793	2.50	-						
99003	1.41	2.03	99798	(a)	(a)						
99004	2.28	2.34	99803	(a)	15.40						
99080	.99	10.60	99826	.57	.78						
99081	(a)	-	99827	.36	.66						
99082	(a)	-	99851	1.46	-						
99083	(a)	-	99917	2.36	-						
99084	(a)	(a)	99938	2.65	-						
99085	(a)	(a)	99943	7.69	-						
99111	1.45	-	99946	5.73	3.68						
99160	(a)	-	99948	6.42	36.20						
99163	3.45	.49	99952	4.16	27.40						
99165	.75	(a)	99953	4.50	14.50						
99220	1.22	(a)	99954	3.27	12.40						
99221	(a)	(a)	99955	4.10	8.98						
99222	2.29	(a)	99963	.57	-						
99223	.213	(a)	99969	2.22	5.34						
99303	11.50	-	99975	3.63	-						
99310	2.89	(a)	99986	(a)	-						
99315	8.50	3.21	99987	(a)	-						
99321	8.24	3.38	99988	1.96	-						
99445	(a)	(a)									
99471	.56	-									
99505	4.51	-									
99506	5.55	-									
99507	4.85	-									
99570	2.60	(a)									
99571	.63	(a)									
99572	1.23	(a)									
99573	1.17	(a)									
99600	.99	-									
99613	7.31	3.15									
99614	2.21	-									