

LOSS COSTS – IMPLEMENTATION

JULY 15, 2020

GENERAL LIABILITY

LI-GL-2020-114

OREGON GENERAL LIABILITY ADVISORY PROSPECTIVE LOSS COST REVISION TO BE IMPLEMENTED

KEY MESSAGE

Revised overall prospective loss costs for +7.5% to be implemented.

BACKGROUND

In circular [LI-GL-2020-099](#), we provided you with information about the General Liability loss cost level experience review.

CONSIDERATION OF COVID-19

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

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

ISO ACTION

We are implementing GL-2020-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, 2020.

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, 2020, 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-2020-BGL1](#), NOT this circular number.

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

RATING SOFTWARE IMPACT

No new attributes are being introduced with this revision.

POLICYHOLDER NOTIFICATION

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

REVISION DISTRIBUTION

We will issue a Notice to Manualholders with an edition date of 12-20 (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-2020-113](#) (07/15/2020) Oregon General Liability Rule 24 Revision To Be Implemented
- [LI-GL-2020-099](#) (06/10/2020) General Liability Basic Limit Experience For 2020 Group 3 Jurisdictions Reviewed By Staff
- [LI-CL-2019-057](#) (12/10/2019) Revised Lead Time Requirements Listing

ATTACHMENT(S)

- GL-2020-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-2020-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 +7.5% change from the current ISO loss costs. Please note that throughout this document the term loss costs means advisory prospective loss costs.
 - provides the analyses used to derive these advisory loss costs.
-

DEFINITION OF
THE ISO
ADVISORY
PROSPECTIVE
LOSS COSTS

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

CONSIDERATION
OF COVID-19

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

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

LOSS COST
LEVEL CHANGES

The statewide advisory loss cost level changes are:

<u>SUBLINE</u>	<u>INDICATED</u>	<u>SELECTED</u>	<u>ADJUSTED *</u>
M&C	+ 7.8%	+ 5.0%	+ 5.0%
OL&T	+ 8.6%	+ 8.6%	+ 7.5%
Premises/Operations	+ 8.2%	+ 6.8%	+ 6.2%
Products	- 1.6%	- 1.6%	- 1.6%
Local Products/Completed Operations	+12.7%	+12.7%	+12.7%
Products/Completed Operations	+10.4%	+10.4%	+10.4%
GL Overall	+ 8.9%	+ 7.9%	+ 7.5%

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

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

INDICATED
VS. SELECTED
VS. ADJUSTED

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

CAPPING

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

PRIOR ISO
REVISIONS

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

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-2020-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 0.988 has been applied to the loss costs for payroll-based classes to introduce the change on a revenue neutral basis.

HISTORICAL
SOURCE DATA

The data used in this document is:

- ISO reporting companies' voluntary experience.
- Fiscal - accident year data through year ended 6/30/2019 for Premises/Operations.
- Calendar-accident year data through year ended 12/31/2018 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 12/1/2020. The Products/Completed Operations portion of this review uses a trend date of 7/1/2020 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 6/30/19 were used in selecting annual trend factors. For Products/Completed Operations, occurrence cost data and occurrence frequency data through 12/31/2018 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

OTHER LIABILITY (ASLOB 17.0)

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

PRODUCTS LIABILITY (ASLOB 18.0)

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

Insurers are listed in descending order based on the percent of written premium volume from Statutory Page 14 Data for the year ending 12/31/2018 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 12/31/2018 is:

Statewide - Other Liability (ASLOB 17.0)	37.7%
Multistate - Products Liability (ASLOB 18.0)	39.4%

COMPANY
DECISION

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

COMPANY
DECISION
(Cont'd)

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

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OREGON
PRIOR REVISIONS

The latest implemented revisions in this state are:

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%

Document: GL-2017-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		-13.2%	-13.2%	-13.2%
OL&T		- 7.1%	- 7.1%	- 7.1%
Prem/Ops Combined		-10.6%	-10.6%	-10.6%
Products		- 9.5%	- 9.5%	- 9.5%
Local Products/Completed Ops		- 9.6%	- 9.6%	- 9.6%
Products/Completed Ops Combined		- 9.6%	- 9.6%	- 9.6%
General Liability Overall	12/1/2017	-10.3%	-10.3%	-10.3%

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PREMISES/OPERATIONS AND PRODUCTS/COMPLETED OPERATIONS
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PREMISES/OPERATIONS AND PRODUCTS/COMPLETED OPERATIONS
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PREMISES/OPERATIONS AND PRODUCTS/COMPLETED OPERATIONS
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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)	+ 10.7%	+ 10.6%	+ 10.7%				
Statewide Indicated Monoline Loss Cost Level Change (See Section C)	+ 7.8%	+ 8.6%	+ 8.2%	- 1.6% *	+ 12.7% **	+ 10.4%	+ 8.9%
Statewide Selected Monoline Loss Cost Level Change	+ 5.0%	+ 8.6%	+ 6.8%	- 1.6% *	+ 12.7%	+ 10.4%	+ 7.9%
Adjusted Monoline Loss Cost Level Change (See Sections C and H) @	+ 5.0%	+ 7.5%	+ 6.2%	-1.6%	+ 12.7%	+ 10.4%	+ 7.5%

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

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

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

OREGON

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

<u>CODE</u>	<u>TERRITORY DESCRIPTION</u>	LATEST YEAR MONO/MULTI AGGREGATE LOSS COSTS AT CURRENT LEVEL (ALCCL)	INDICATED LOSS COST LEVEL CHANGE BEFORE CAPPING	SELECTED LOSS COST LEVEL CHANGE BEFORE CAPPING	LOSS COST LEVEL CHANGE AFTER CAPPING	ADJUSTED LOSS COST LEVEL CHANGE
501	Portland	\$ 4,103,321	+ 3.5%	+ 3.5%	+ 3.5%	+ 2.2%
502	Remainder of State	7,664,952	+ 11.3%	+ 11.3%	+ 11.3%	+ 10.4%
	STATEWIDE TOTAL	\$ 11,768,273	+ 8.6%	+ 8.6%	+ 8.6%	+ 7.5%

OREGON
PREMISES/OPERATIONS
CLASS GROUP LOSS COST LEVEL CHANGES

MANUFACTURERS AND CONTRACTORS LIABILITY INSURANCE

CLASS GROUP	DESCRIPTION	LATEST YEAR MONO/MULTI <u>ALCCL</u>	INDICATED LOSS COST LEVEL CHANGE <u>BEFORE CAPPING</u>	SELECTED LOSS COST LEVEL CHANGE <u>BEFORE CAPPING</u>	LOSS COST LEVEL CHANGE <u>AFTER CAPPING</u>
30	SERVICE	\$ 776,251	+ 11.9%	+ 9.0%	+ 8.2%
31	LIGHT CONTRACTING	1,455,581	+ 7.7%	+ 4.9%	+ 4.3%
32	MEDIUM CONTRACTING	5,051,531	+ 9.4%	+ 6.6%	+ 6.0%
33	HEAVY CONTRACTING	1,028,941	+ 3.1%	+ 0.4%	- 0.3%
34	DEALERS OR DISTRIBUTORS	1,215,817	+ 7.0%	+ 4.2%	+ 5.4%
35	LIGHT MANUFACTURERS	248,934	+ 10.4%	+ 7.5%	+ 8.2%
36	MEDIUM MANUFACTURERS	797,957	+ 9.2%	+ 6.4%	+ 7.6%
37	HEAVY MANUFACTURERS	724,784	+ 0.4%	- 2.2%	- 1.2%
38	MISCELLANEOUS OPERATIONS	798,767	+ 6.3%	+ 3.5%	+ 4.5%
	TOTAL	\$ 12,098,563	+ 7.8%	+ 5.0%	+ 5.0%

OWNERS, LANDLORDS AND TENANTS LIABILITY INSURANCE

CLASS GROUP	DESCRIPTION	LATEST YEAR MONO/MULTI <u>ALCCL</u>	INDICATED LOSS COST LEVEL CHANGE <u>BEFORE CAPPING</u>	SELECTED LOSS COST LEVEL CHANGE <u>BEFORE CAPPING</u>	LOSS COST LEVEL CHANGE <u>AFTER CAPPING</u>
01	FOOD AND BEVERAGE (RETAIL)	\$ 345,740	+ 10.0%	+ 10.0%	+ 10.9%
02	RESTAURANTS	1,872,430	+ 11.1%	+ 11.1%	+ 11.0%
03	STORES	684,084	+ 5.8%	+ 5.8%	+ 6.5%
04	VENDING AND RENTAL	52,022	+ 8.2%	+ 8.2%	+ 7.8%
05	FOOD AND BEVERAGE DISTRIBUTORS	140,080	+ 6.7%	+ 6.7%	+ 5.5%
06	NON-(FOOD AND BEVERAGE) DISTRIB.	300,269	+ 10.0%	+ 10.0%	+ 10.1%
07	CLUBS, AMUSEMENTS AND SPORTS	1,089,629	+ 12.6%	+ 12.6%	+ 13.9%
08	HEALTH CARE FACILITIES	90,015	+ 11.5%	+ 11.5%	+ 11.3%
09	HOTELS AND MOTELS	1,679,456	+ 14.2%	+ 14.2%	+ 15.3%
10	SCHOOLS AND CHURCHES	541,909	+ 14.2%	+ 14.2%	+ 14.3%
11	APARTMENTS	1,126,467	+ 6.5%	+ 6.5%	+ 5.5%
12	BUILDINGS AND OFFICES	3,566,309	+ 3.4%	+ 3.4%	+ 2.8% @
13	MISCELLANEOUS PREMISES	246,987	+ 9.6%	+ 9.6%	+ 9.8%
16	GOVERNMENTAL SUBDIVISIONS	32,876	+ 3.7%	+ 3.7%	0.0%
	TOTAL	\$ 11,768,273	+ 8.6%	+ 8.6%	+ 8.6%

@ The COVID-19 related adjustments are applied to the rounded loss costs after capping and then rounded using CGL rounding rules. The class group 12 adjusted loss cost level change is -0.8% resulting in an overall OL&T indication of +7.5%.

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	\$ 25,805,900	- 5.9%	\$ 497,869	- 9.2%	- 9.2%
04	DEALERS OR DISTRIBUTORS-NOT FOOD OR DRUG	34,950,355	+ 4.3%	437,794	+ 4.5%	+ 4.5%
05	MANUFACTURERS-NOT FOOD OR DRUG-LOW	5,162,520	+ 1.2%	56,755	- 1.3%	- 1.3%
06	MANUFACTURERS-NOT FOOD OR DRUG-MEDIUM	33,323,523	- 0.5%	633,394	+ 0.3%	+ 0.3%
07	MANUFACTURERS-NOT FOOD OR DRUG-HIGH	8,272,287	+ 0.2%	61,218	- 2.0%	- 2.0%
	PRODUCTS SUBTOTAL	\$ 107,514,585	- 0.1%	\$ 1,687,030	- 1.6%	- 1.6%
01	RETAIL STORES-FOOD OR DRUG			\$ 209,066	+ 8.3%	+ 8.3%
02	RETAIL STORES-NOT FOOD OR DRUG			485,900	+ 16.0%	+ 16.0%
11	COMPLETED OPERATIONS-LOW			395,495	+ 15.4%	+ 15.3%
12	COMPLETED OPERATIONS-MEDIUM			7,188,645	+ 12.9%	+ 12.9%
13	COMPLETED OPERATIONS-HIGH			410,306	+ 4.2%	+ 4.2%
	LOCAL PRODUCTS/COMPLETED OPERATIONS SUBTOTAL			\$ 8,689,412	+ 12.7%	+ 12.7%
	TOTAL			\$ 10,376,442	+ 10.4%	+ 10.4%

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.

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

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

- M&C classes reflect an upper cap of +30% and a lower cap of -20% relative to current loss costs;
- OL&T classes reflect an upper cap of +34% and a lower cap of -20% relative to current loss costs;
The COVID-19 related adjustment factors were applied to the capped and rounded loss costs reflecting the selected loss cost level change.
Loss costs reflecting the COVID-19 related adjustments are not subject to capping and are rounded using the rules listed below.
- Products classes reflect an upper cap of +25% and a lower cap of -20% relative to current multistate loss costs;
- Local Products/Completed Operations classes reflect an upper cap of +38% and a lower cap of -20% relative to current loss costs.

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

M&C: 0.995

OL&T: 1.000

LP/CO: 1.000

The Commercial General Liability loss costs are rounded as follows:

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

for example:

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

NOTE: Due to our standard capping procedure and rounding rules, the current loss cost of \$0.003 for Products Class 18707 (Tobacco Products Distributors) has not been able to increase as per the mathematical formula despite adverse experience in the last couple years. As a result, the cap has been eliminated for this particular class in this filing. In addition, the offset of 0.988 has been applied to the loss costs for the payroll-based classes to introduce the change in payroll amount for executive officers, individual insureds or copartners on a revenue neutral basis. Adjustments have also been applied to nine classes impacted by the COVID-19 pandemic. These classes are listed in Section H.

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	0.109	6.4	10101	502	0.280	0.260	7.7	10160	501	1.700	1.670	1.8
10010	502	0.137	0.123	11.4	10105	501	1.980	1.950	1.5	10160	502	2.550	2.370	7.6
10015	501	5.740	5.290	8.5	10105	502	2.980	2.770	7.6	10204	501	0.171	0.168	1.8
10015	502	5.030	4.380	14.8	10107	501	3.080	2.940	4.8	10204	502	0.260	0.239	8.8
10026	501	0.490	0.490	0.0	10107	502	2.910	2.760	5.4	10205	501	0.191	0.188	1.6
10026	502	0.740	0.690	7.2	10110	501	19.500	18.000	8.3	10205	502	0.290	0.270	7.4
10036	501	0.650	0.620	4.8	10110	502	17.100	14.900	14.8	10220	501	3.600	3.540	1.7
10036	502	0.610	0.580	5.2	10111	501	0.146	0.137	6.6	10220	502	5.420	5.030	7.8
10040	501	0.089	0.083	7.2	10111	502	0.172	0.154	11.7	10255	501	0.240	0.229	4.8
10040	502	0.104	0.094	10.6	10113	501	0.270	0.270	0.0	10255	502	0.227	0.215	5.6
10042	501	0.280	0.280	0.0	10113	502	0.410	0.380	7.9	10256	501	0.880	0.840	4.8
10042	502	0.430	0.390	10.3	10115	501	0.550	0.540	1.9	10256	502	0.830	0.790	5.1
10052	501	3.970	3.660	8.5	10115	502	0.820	0.760	7.9	10257	501	0.165	0.158	4.4
10052	502	3.480	3.030	14.9	10117	501	5.700	5.250	8.6	10257	502	0.157	0.148	6.1
10054	501	3.520	3.250	8.3	10117	502	4.990	4.350	14.7	10309	501	0.124	0.121	2.5
10054	502	3.090	2.690	14.9	10120	501	12.800	11.800	8.5	10309	502	0.186	0.172	8.1
10060	501	0.135	0.133	1.5	10120	502	11.200	9.760	14.8	10315	501	0.290	0.290	0.0
10060	502	0.204	0.189	7.9	10130	501	2.710	2.660	1.9	10315	502	0.440	0.410	7.3
10065	501	0.203	0.200	1.5	10130	502	4.070	3.770	8.0	10331	501	7.780	7.170	8.5
10065	502	0.310	0.280	10.7	10132	501	2.330	2.290	1.7	10331	502	6.820	5.940	14.8
10066	501	0.207	0.204	1.5	10132	502	3.510	3.250	8.0	10332	501	13.400	12.400	8.1
10066	502	0.310	0.290	6.9	10133	501	3.550	3.420	3.8	10332	502	11.800	10.200	15.7
10070	501	0.067	0.063	6.3	10133	502	2.300	2.080	10.6	10352	501	0.280	0.260	7.7
10070	502	0.079	0.070	12.9	10140	501	0.033	0.032	3.1	10352	502	0.330	0.300	10.0
10071	501	0.243	0.239	1.7	10140	502	0.034	0.031	9.7	10367	501	3.070	2.950	4.1
10071	502	0.370	0.340	8.8	10141	501	0.066	0.064	3.1	10367	502	3.020	2.880	4.9
10072	501	3.470	3.340	3.9	10141	502	0.068	0.062	9.7	10368	501	4.480	4.320	3.7
10072	502	3.410	3.260	4.6	10145	501	0.320	0.310	3.2	10368	502	4.410	4.210	4.8
10073	501	1.010	0.960	5.2	10145	502	0.330	0.300	10.0	10378	501	7.880	7.260	8.5
10073	502	0.950	0.900	5.6	10146	501	0.214	0.202	5.9	10378	502	6.900	6.010	14.8
10075	501	7.470	7.140	4.6	10146	502	0.250	0.227	10.1	10379	501	3.660	3.370	8.6
10075	502	7.070	6.700	5.5	10150	501	0.380	0.370	2.7	10379	502	3.200	2.790	14.7
10100	501	0.480	0.450	6.7	10150	502	0.570	0.530	7.5	10380	501	6.250	5.760	8.5
10100	502	0.570	0.510	11.8	10151	501	9.530	9.370	1.7	10380	502	5.470	4.770	14.7
10101	501	0.183	0.180	1.7	10151	502	14.300	13.300	7.5	10381	501	5.410	4.990	8.4

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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
10381	502	4.740	4.130	14.8	11208	501	1.150	1.100	4.5	12361	502	0.074	0.068	8.8
11007	501	1.300	1.260	3.2	11208	502	1.130	1.080	4.6	12362	501	0.073	0.069	5.8
11007	502	1.280	1.230	4.1	11209	501	5.380	5.190	3.7	12362	502	0.086	0.077	11.7
11020	501	0.231	0.227	1.8	11209	502	5.300	5.060	4.7	12373	501	0.028	0.026	7.7
11020	502	0.350	0.320	9.4	11210	501	2.290	2.210	3.6	12373	502	0.033	0.029	13.8
11039	501	0.870	0.840	3.6	11210	502	2.260	2.150	5.1	12374	501	0.470	0.460	2.2
11039	502	0.830	0.780	6.4	11211	501	11.900	11.500	3.5	12374	502	0.710	0.660	7.6
11052	501	3.700	3.550	4.2	11211	502	11.700	11.200	4.5	12375	501	0.231	0.227	1.8
11052	502	2.390	2.170	10.1	11212	501	1.800	1.740	3.4	12375	502	0.350	0.320	9.4
11126	501	0.048	0.047	2.1	11212	502	1.770	1.690	4.7	12391	501	0.055	0.052	5.8
11126	502	0.072	0.067	7.5	11213	501	1.470	1.420	3.5	12391	502	0.065	0.058	12.1
11127	501	0.370	0.350	5.7	11213	502	1.450	1.380	5.1	12393	501	0.310	0.300	3.3
11127	502	0.440	0.390	12.8	11214	501	3.620	3.490	3.7	12393	502	0.460	0.430	7.0
11128	501	0.500	0.470	6.4	11214	502	3.560	3.400	4.7	12467	501	0.128	0.125	2.4
11128	502	0.590	0.530	11.3	11222	501	0.061	0.059	3.4	12467	502	0.192	0.178	7.9
11138	501	1.950	1.790	8.9	11222	502	0.060	0.057	5.3	12509	501	0.060	0.057	5.3
11138	502	1.700	1.490	14.1	11234	501	0.215	0.211	1.9	12509	502	0.057	0.054	5.6
11155	501	0.163	0.161	1.2	11234	502	0.320	0.300	6.7	12510	501	0.760	0.730	4.1
11155	502	0.246	0.228	7.9	11248	501	0.046	0.044	4.5	12510	502	0.720	0.680	5.9
11167	501	0.850	0.820	3.7	11248	502	0.043	0.041	4.9	12583	501	0.340	0.320	6.3
11167	502	0.550	0.500	10.0	11258	501	0.580	0.550	5.5	12583	502	0.320	0.300	6.7
11168	501	4.420	4.250	4.0	11258	502	0.680	0.610	11.5	12651	501	0.980	0.940	4.3
11168	502	2.850	2.590	10.0	11259	501	0.620	0.590	5.1	12651	502	0.930	0.880	5.7
11201	501	11.400	11.000	3.6	11259	502	0.730	0.660	10.6	12683	501	0.450	0.430	4.7
11201	502	11.200	10.700	4.7	11273	501	10.700	10.500	1.9	12683	502	0.430	0.400	7.5
11202	501	3.380	3.250	4.0	11273	502	16.000	14.900	7.4	12707	501	0.480	0.450	6.7
11202	502	3.320	3.170	4.7	11274	501	10.200	10.100	1.0	12707	502	0.570	0.510	11.8
11203	501	0.860	0.810	6.2	11274	502	15.400	14.300	7.7	12797	501	0.101	0.095	6.3
11203	502	1.020	0.910	12.1	11288	501	0.710	0.670	6.0	12797	502	0.119	0.107	11.2
11204	501	0.239	0.235	1.7	11288	502	0.840	0.750	12.0	12805	501	0.247	0.243	1.6
11204	502	0.360	0.330	9.1	12014	501	0.098	0.094	4.3	12805	502	0.370	0.340	8.8
11206	501	0.530	0.510	3.9	12014	502	0.093	0.088	5.7	12841	501	0.410	0.400	2.5
11206	502	0.520	0.500	4.0	12356	501	0.900	0.890	1.1	12841	502	0.620	0.570	8.8
11207	501	6.690	6.440	3.9	12356	502	1.360	1.260	7.9	12927	501	0.072	0.070	2.9
11207	502	6.580	6.280	4.8	12361	501	0.072	0.070	2.9	12927	502	0.108	0.100	8.0

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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
13049	501	0.037	0.036	2.8	13621	502	0.113	0.107	5.6	14734	501	0.203	0.200	1.5
13049	502	0.038	0.035	8.6	13670	501	0.040	0.039	2.6	14734	502	0.310	0.280	10.7
13111	501	0.540	0.510	5.9	13670	502	0.041	0.038	7.9	14855	501	0.211	0.202	4.5
13111	502	0.630	0.570	10.5	13673	501	0.440	0.410	7.3	14855	502	0.200	0.189	5.8
13112	501	0.061	0.059	3.4	13673	502	0.520	0.460	13.0	14913	501	0.260	0.250	4.0
13112	502	0.063	0.057	10.5	13715	501	0.073	0.069	5.8	14913	502	0.380	0.360	5.6
13201	501	0.870	0.830	4.8	13715	502	0.086	0.077	11.7	15062	501	0.189	0.181	4.4
13201	502	0.820	0.780	5.1	13716	501	0.350	0.340	2.9	15062	502	0.179	0.170	5.3
13204	501	0.980	0.940	4.3	13716	502	0.520	0.480	8.3	15063	501	0.220	0.211	4.3
13204	502	0.930	0.880	5.7	13720	501	0.247	0.233	6.0	15063	502	0.209	0.198	5.6
13205	501	0.380	0.360	5.6	13720	502	0.290	0.260	11.5	15070	501	0.103	0.099	4.0
13205	502	0.360	0.340	5.9	13759	501	0.135	0.133	1.5	15070	502	0.101	0.097	4.1
13314	501	0.092	0.090	2.2	13759	502	0.204	0.189	7.9	15123	501	3.550	3.410	4.1
13314	502	0.138	0.128	7.8	13930	501	0.156	0.147	6.1	15123	502	2.290	2.080	10.1
13351	501	0.223	0.219	1.8	13930	502	0.184	0.165	11.5	15124	501	1.240	1.190	4.2
13351	502	0.340	0.310	9.7	14068	501	0.030	0.029	3.4	15124	502	0.800	0.730	9.6
13352	501	0.227	0.223	1.8	14068	502	0.045	0.042	7.1	15188	501	0.330	0.320	3.1
13352	502	0.340	0.320	6.3	14101	501	0.350	0.340	2.9	15188	502	0.320	0.300	6.7
13410	501	1.380	1.320	4.5	14101	502	0.530	0.490	8.2	15223	501	0.048	0.046	4.3
13410	502	1.310	1.240	5.6	14279	501	0.460	0.440	4.5	15223	502	0.049	0.045	8.9
13412	501	0.460	0.440	4.5	14279	502	0.430	0.410	4.9	15224	501	0.260	0.246	5.7
13412	502	0.440	0.420	4.8	14401	501	0.580	0.550	5.5	15224	502	0.310	0.280	10.7
13453	501	0.540	0.510	5.9	14401	502	0.690	0.620	11.3	15314	501	0.163	0.161	1.2
13453	502	0.510	0.480	6.2	14405	501	0.770	0.740	4.1	15314	502	0.246	0.228	7.9
13454	501	0.630	0.600	5.0	14405	502	0.750	0.720	4.2	15404	501	0.086	0.082	4.9
13454	502	0.590	0.560	5.4	14527	501	0.300	0.280	7.1	15404	502	0.082	0.077	6.5
13455	501	0.640	0.610	4.9	14527	502	0.350	0.320	9.4	15405	501	0.127	0.121	5.0
13455	502	0.600	0.570	5.3	14655	501	0.068	0.067	1.5	15405	502	0.120	0.114	5.3
13506	501	0.700	0.690	1.4	14655	502	0.102	0.095	7.4	15406	501	0.320	0.310	3.2
13506	502	1.050	0.980	7.1	14731	501	3.670	3.530	4.0	15406	502	0.310	0.290	6.9
13507	501	0.840	0.830	1.2	14731	502	2.370	2.150	10.2	15488	501	0.810	0.770	5.2
13507	502	1.270	1.180	7.6	14732	501	0.270	0.260	3.8	15488	502	0.760	0.720	5.6
13590	501	0.470	0.450	4.4	14732	502	0.175	0.159	10.1	15538	501	0.290	0.290	0.0
13590	502	0.450	0.430	4.7	14733	501	0.470	0.470	0.0	15538	502	0.440	0.410	7.3
13621	501	0.120	0.115	4.3	14733	502	0.710	0.660	7.6	15600	501	0.730	0.720	1.4

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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
15600	502	1.100	1.020	7.8	16604	501	0.201	0.192	4.7	16906	502	1.420	1.260	12.7
15607	501	0.134	0.129	3.9	16604	502	0.191	0.181	5.5	16910	501	1.470	1.370	7.3
15607	502	0.132	0.126	4.8	16670	501	3.230	2.980	8.4	16910	502	1.270	1.120	13.4
15608	501	0.163	0.161	1.2	16670	502	2.830	2.470	14.6	16911	501	1.330	1.250	6.4
15608	502	0.246	0.228	7.9	16676	501	0.227	0.223	1.8	16911	502	1.150	1.020	12.7
15656	501	4.830	4.740	1.9	16676	502	0.340	0.320	6.3	16915	501	1.510	1.410	7.1
15656	502	7.260	6.730	7.9	16694	501	0.400	0.380	5.3	16915	502	1.300	1.150	13.0
15699	501	0.330	0.320	3.1	16694	502	0.380	0.360	5.6	16916	501	1.260	1.180	6.8
15699	502	0.330	0.310	6.5	16705	501	0.233	0.220	5.9	16916	502	1.090	0.960	13.5
15733	501	0.211	0.202	4.5	16705	502	0.280	0.247	13.4	16920	501	3.340	3.130	6.7
15733	502	0.200	0.189	5.8	16750	501	0.080	0.078	2.6	16920	502	2.890	2.550	13.3
15839	501	0.219	0.215	1.9	16750	502	0.120	0.111	8.1	16921	501	3.050	2.860	6.6
15839	502	0.330	0.310	6.5	16751	501	0.080	0.078	2.6	16921	502	2.640	2.330	13.3
15991	501	0.179	0.176	1.7	16751	502	0.120	0.111	8.1	16930	501	1.920	1.800	6.7
15991	502	0.270	0.250	8.0	16819	501	1.150	1.100	4.5	16930	502	1.660	1.470	12.9
15993	501	0.151	0.149	1.3	16819	502	1.080	1.030	4.9	16931	501	2.070	1.940	6.7
15993	502	0.228	0.211	8.1	16820	501	0.890	0.850	4.7	16931	502	1.790	1.580	13.3
16005	501	0.039	0.036	8.3	16820	502	0.840	0.800	5.0	16940	501	4.170	3.900	6.9
16005	502	0.046	0.041	12.2	16881	501	1.250	1.230	1.6	16940	502	3.610	3.180	13.5
16009	501	0.260	0.247	5.3	16881	502	1.880	1.740	8.0	16941	501	1.670	1.560	7.1
16009	502	0.245	0.232	5.6	16890	501	0.134	0.128	4.7	16941	502	1.440	1.270	13.4
16402	501	1.080	1.060	1.9	16890	502	0.127	0.120	5.8	18078	501	0.132	0.125	5.6
16402	502	1.630	1.510	7.9	16891	501	0.146	0.140	4.3	18078	502	0.156	0.140	11.4
16403	501	0.690	0.670	3.0	16891	502	0.138	0.131	5.3	18109	501	0.300	0.290	3.4
16403	502	1.030	0.960	7.3	16892	501	0.270	0.250	8.0	18109	502	0.450	0.420	7.1
16404	501	0.860	0.850	1.2	16892	502	0.250	0.239	4.6	18110	501	0.239	0.235	1.7
16404	502	1.300	1.210	7.4	16900	501	2.450	2.290	7.0	18110	502	0.360	0.330	9.1
16471	501	0.190	0.183	3.8	16900	502	2.120	1.870	13.4	18205	501	0.204	0.192	6.2
16471	502	0.187	0.178	5.1	16901	501	1.570	1.470	6.8	18205	502	0.241	0.216	11.6
16501	501	0.082	0.077	6.5	16901	502	1.360	1.200	13.3	18206	501	0.390	0.380	2.6
16501	502	0.097	0.087	11.5	16902	501	1.330	1.250	6.4	18206	502	0.580	0.540	7.4
16527	501	0.126	0.118	6.8	16902	502	1.150	1.020	12.7	18335	501	0.280	0.270	3.7
16527	502	0.148	0.133	11.3	16905	501	2.580	2.410	7.1	18335	502	0.420	0.390	7.7
16588	501	0.120	0.115	4.3	16905	502	2.230	1.960	13.8	18435	501	0.510	0.480	6.2
16588	502	0.113	0.107	5.6	16906	501	1.650	1.540	7.1	18435	502	0.600	0.540	11.1

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18436	501	0.410	0.390	5.1	19795	502	0.350	0.330	6.1	41604	501	10.200	9.280	9.9
18436	502	0.480	0.430	11.6	19796	501	0.270	0.270	0.0	41604	502	7.900	6.780	16.5
18437	501	0.400	0.390	2.6	19796	502	0.410	0.380	7.9	41620	501	0.960	0.920	4.3
18437	502	0.600	0.560	7.1	40045	501	179.000	165.000	8.5	41620	502	0.940	0.900	4.4
18438	501	0.770	0.750	2.7	40045	502	157.000	137.000	14.6	41650	501	26.200	23.800	10.1
18438	502	1.150	1.070	7.5	40046	501	35.400	32.600	8.6	41650	502	20.200	17.400	16.1
18501	501	0.470	0.440	6.8	40046	502	31.000	27.000	14.8	41664	501	27.100	25.000	8.4
18501	502	0.550	0.490	12.2	40047	501	12.600	11.600	8.6	41664	502	23.700	20.700	14.5
18506	501	0.420	0.400	5.0	40047	502	11.000	9.620	14.3	41665	501	3.170	2.920	8.6
18506	502	0.400	0.380	5.3	40059	501	4.510	4.160	8.4	41665	502	2.780	2.420	14.9
18507	501	0.143	0.141	1.4	40059	502	3.950	3.450	14.5	41667	501	74.000	68.200	8.5
18507	502	0.216	0.200	8.0	40061	501	2.390	2.210	8.1	41667	502	64.900	56.500	14.9
18570	501	1.500	1.470	2.0	40061	502	2.100	1.830	14.8	41668	501	69.400	64.000	8.4
18570	502	2.250	2.090	7.7	40063	501	80.100	73.800	8.5	41668	502	60.800	53.000	14.7
18616	501	0.320	0.310	3.2	40063	502	70.200	61.100	14.9	41669	501	0.490	0.450	8.9
18616	502	0.300	0.290	3.4	40064	501	23.500	21.700	8.3	41669	502	0.430	0.370	16.2
18707	501	0.011	0.010	10.0	40064	502	20.600	18.000	14.4	41670	501	0.820	0.750	9.3
18707	502	0.013	0.012	8.3	40075	501	45.400	43.000	5.6	41670	502	0.720	0.620	16.1
18708	501	0.088	0.086	2.3	40075	502	35.900	32.200	11.5	41677	501	0.196	0.190	3.2
18708	502	0.132	0.122	8.2	40101	501	11.200	10.400	7.7	41677	502	0.192	0.186	3.2
18833	501	0.131	0.123	6.5	40101	502	12.100	10.800	12.0	41678	501	68.300	68.500	-0.3
18833	502	0.155	0.139	11.5	40102	501	9.890	9.230	7.2	41678	502	43.800	41.600	5.3
18834	501	0.227	0.223	1.8	40102	502	10.700	9.530	12.3	41680	501	13.600	12.400	9.7
18834	502	0.340	0.320	6.3	40111	501	6.340	5.850	8.4	41680	502	10.500	9.040	16.2
18911	501	0.720	0.700	2.9	40111	502	5.560	4.840	14.9	41696	501	0.620	0.600	3.3
18911	502	1.080	1.000	8.0	41001	501	0.214	0.197	8.6	41696	502	0.610	0.590	3.4
18912	501	1.350	1.330	1.5	41001	502	0.187	0.163	14.7	41697	501	0.430	0.420	2.4
18912	502	2.030	1.880	8.0	41421	501	0.390	0.360	8.3	41697	502	0.430	0.410	4.9
18920	501	0.350	0.340	2.9	41421	502	0.300	0.260	15.4	41715	501	8.640	7.850	10.1
18920	502	0.530	0.490	8.2	41422	501	0.210	0.190	10.5	41715	502	6.680	5.740	16.4
19007	501	1.390	1.330	4.5	41422	502	0.162	0.139	16.5	41716	501	5.500	5.000	10.0
19007	502	0.900	0.810	11.1	41510	501	36.100	35.400	2.0	41716	502	4.250	3.650	16.4
19051	501	3.070	2.950	4.1	41510	502	54.200	50.300	7.8	43151	501	22.600	21.400	5.6
19051	502	1.990	1.800	10.6	41603	501	18.600	16.900	10.1	43151	502	17.900	16.000	11.9
19795	501	0.235	0.231	1.7	41603	502	14.400	12.300	17.1	43152	501	20.400	20.500	-0.5

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43152	502	13.100	12.400	5.6	44070	501	2.940	2.710	8.5	44315	502	3.530	3.070	15.0
43200	501	85.900	81.400	5.5	44070	502	2.570	2.240	14.7	44427	501	40.500	37.800	7.1
43200	502	68.000	60.900	11.7	44071	501	3.270	3.010	8.6	44427	502	43.900	39.000	12.6
43421	501	23.500	22.300	5.4	44071	502	2.860	2.490	14.9	44428	501	40.700	38.000	7.1
43421	502	18.600	16.700	11.4	44072	501	2.260	2.080	8.7	44428	502	44.100	39.200	12.5
43422	501	124.000	117.000	6.0	44072	502	1.980	1.720	15.1	44429	501	0.610	0.570	7.0
43422	502	97.800	87.600	11.6	44100	501	4.770	4.770	0.0	44429	502	0.660	0.590	11.9
43470	501	3.640	3.500	4.0	44100	502	3.610	3.420	5.6	44430	501	0.420	0.400	5.0
43470	502	3.580	3.420	4.7	44101	501	4.970	4.970	0.0	44430	502	0.460	0.410	12.2
43518	501	11.600	10.700	8.4	44101	502	3.760	3.560	5.6	44431	501	1.360	1.260	7.9
43518	502	10.200	8.870	15.0	44102	501	3.870	3.880	-0.3	44431	502	1.470	1.300	13.1
43550	501	84.000	79.600	5.5	44102	502	2.940	2.780	5.8	44432	501	0.430	0.400	7.5
43550	502	66.500	59.600	11.6	44103	501	3.430	3.430	0.0	44432	502	0.470	0.410	14.6
43551	501	46.600	44.100	5.7	44103	502	2.600	2.460	5.7	44433	501	13.700	12.800	7.0
43551	502	36.900	33.100	11.5	44104	501	1.440	1.440	0.0	44433	502	14.800	13.200	12.1
43626	501	9.280	8.550	8.5	44104	502	1.090	1.030	5.8	44434	501	26.200	24.400	7.4
43626	502	8.130	7.080	14.8	44108	501	1.690	1.690	0.0	44434	502	28.400	25.200	12.7
43628	501	121.000	111.000	9.0	44108	502	1.280	1.210	5.8	44435	501	27.100	25.300	7.1
43628	502	106.000	92.100	15.1	44109	501	4.270	4.270	0.0	44435	502	29.400	26.100	12.6
43629	501	102.000	94.200	8.3	44109	502	3.240	3.060	5.9	44436	501	31.700	29.500	7.5
43629	502	89.500	78.000	14.7	44110	501	4.370	4.370	0.0	44436	502	34.300	30.500	12.5
43760	501	3.400	3.140	8.3	44110	502	3.310	3.130	5.8	44437	501	26.200	24.500	6.9
43760	502	2.980	2.600	14.6	44111	501	2.680	2.680	0.0	44437	502	28.400	25.300	12.3
43822	501	2.860	2.790	2.5	44111	502	2.030	1.920	5.7	44438	501	20.700	19.300	7.3
43822	502	2.820	2.720	3.7	44112	501	1.590	1.590	0.0	44438	502	22.500	20.000	12.5
43840	501	0.036	0.034	5.9	44112	502	1.200	1.140	5.3	44439	501	40.400	37.700	7.2
43840	502	0.035	0.033	6.1	44276	501	115.000	109.000	5.5	44439	502	43.700	38.900	12.3
43860	501	2.280	2.190	4.1	44276	502	91.300	81.800	11.6	44440	501	33.400	31.200	7.1
43860	502	2.240	2.140	4.7	44277	501	74.700	70.800	5.5	44440	502	36.200	32.200	12.4
43889	501	0.810	0.780	3.8	44277	502	59.200	53.000	11.7	45190	501	2.740	2.500	9.6
43889	502	0.800	0.760	5.3	44280	501	0.196	0.190	3.2	45190	502	2.330	2.000	16.5
44009	501	4.320	4.150	4.1	44280	502	0.192	0.186	3.2	45191	501	1.950	1.770	10.2
44009	502	2.790	2.530	10.3	44311	501	5.990	5.520	8.5	45191	502	1.650	1.420	16.2
44069	501	9.920	9.150	8.4	44311	502	5.250	4.570	14.9	45192	501	2.280	2.070	10.1
44069	502	8.690	7.570	14.8	44315	501	4.030	3.710	8.6	45192	502	1.930	1.660	16.3

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45193	501	1.340	1.220	9.8	46427	502	29.800	28.300	5.3	47475	501	3.930	3.570	10.1
45193	502	1.140	0.980	16.3	46603	501	2.920	2.930	-0.3	47475	502	3.040	2.610	16.5
45210	501	1.700	1.550	9.7	46603	502	1.870	1.780	5.1	47476	501	3.930	3.570	10.1
45210	502	1.440	1.240	16.1	46604	501	3.370	3.380	-0.3	47476	502	3.040	2.610	16.5
45334	501	49.500	46.900	5.5	46604	502	2.160	2.050	5.4	47477	501	5.240	4.760	10.1
45334	502	39.200	35.100	11.7	46606	501	8.980	9.010	-0.3	47477	502	4.050	3.480	16.4
45380	501	0.247	0.236	4.7	46606	502	5.770	5.470	5.5	47478	501	5.500	5.000	10.0
45380	502	0.234	0.221	5.9	46607	501	12.300	12.400	-0.8	47478	502	4.250	3.650	16.4
45450	501	14.600	13.800	5.8	46607	502	7.930	7.520	5.5	48039	501	60.900	57.700	5.5
45450	502	11.500	10.300	11.7	46622	501	8.450	8.140	3.8	48039	502	48.200	43.200	11.6
45678	501	0.213	0.206	3.4	46622	502	8.310	7.940	4.7	48206	501	24.600	22.600	8.8
45678	502	0.210	0.200	5.0	46700	501	173.000	164.000	5.5	48206	502	21.500	18.700	15.0
45771	501	0.380	0.360	5.6	46700	502	137.000	123.000	11.4	48441	501	0.103	0.095	8.4
45771	502	0.360	0.340	5.9	46911	501	18.400	16.900	8.9	48441	502	0.090	0.079	13.9
45819	501	0.122	0.117	4.3	46911	502	16.100	14.000	15.0	48557	501	10.300	9.500	8.4
45819	502	0.116	0.110	5.5	46912	501	33.600	31.000	8.4	48557	502	9.030	7.870	14.7
45900	501	0.084	0.082	2.4	46912	502	29.500	25.700	14.8	48558	501	8.970	8.270	8.5
45900	502	0.126	0.117	7.7	47050	501	0.780	0.760	2.6	48558	502	7.860	6.850	14.7
45901	501	0.072	0.070	2.9	47050	502	0.770	0.740	4.1	48600	501	69.600	69.800	-0.3
45901	502	0.108	0.100	8.0	47221	501	190.000	180.000	5.6	48600	502	44.700	42.400	5.4
45937	501	0.194	0.184	5.4	47221	502	150.000	134.000	11.9	48636	501	1.020	1.050	-2.9
45937	502	0.154	0.138	11.6	47318	501	7.550	6.960	8.5	48636	502	1.870	1.920	-2.6
46004	501	24.900	22.600	10.2	47318	502	6.610	5.760	14.8	48637	501	7.880	7.260	8.5
46004	502	19.200	16.500	16.4	47367	501	0.196	0.190	3.2	48637	502	6.900	6.010	14.8
46005	501	19.900	18.100	9.9	47367	502	0.192	0.186	3.2	48638	501	3.910	3.600	8.6
46005	502	15.400	13.200	16.7	47420	501	1.650	1.520	8.6	48638	502	3.430	2.980	15.1
46112	501	0.044	0.041	7.3	47420	502	1.450	1.260	15.1	48808	501	1.240	1.210	2.5
46112	502	0.048	0.042	14.3	47469	501	3.930	3.570	10.1	48808	502	1.860	1.720	8.1
46202	501	3.490	3.170	10.1	47469	502	3.040	2.610	16.5	48925	501	189.000	174.000	8.6
46202	502	2.960	2.540	16.5	47471	501	3.410	3.090	10.4	48925	502	165.000	144.000	14.6
46362	501	238.000	239.000	-0.4	47471	502	2.630	2.260	16.4	49005	501	0.134	0.129	3.9
46362	502	153.000	145.000	5.5	47473	501	4.450	4.050	9.9	49005	502	0.132	0.126	4.8
46426	501	34.800	34.900	-0.3	47473	502	3.440	2.950	16.6	49111	501	1.890	1.860	1.6
46426	502	22.300	21.200	5.2	47474	501	4.980	4.520	10.2	49111	502	2.840	2.640	7.6
46427	501	46.500	46.600	-0.2	47474	502	3.850	3.300	16.7	49181	501	19.900	18.900	5.3

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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
49181	502	15.800	14.100	12.1	50017	501	0.074	0.069	7.2	51250	502	0.300	0.300	0.0
49183	501	24.300	23.000	5.7	50017	502	0.096	0.090	6.7	51251	501	0.027	0.025	8.0
49183	502	19.200	17.200	11.6	50045	501	0.170	0.157	8.3	51251	502	0.034	0.032	6.3
49184	501	51.200	48.500	5.6	50045	502	0.220	0.205	7.3	51252	501	0.093	0.086	8.1
49184	502	40.500	36.300	11.6	50047	501	0.019	0.018	5.6	51252	502	0.121	0.113	7.1
49185	501	46.600	44.100	5.7	50047	502	0.025	0.023	8.7	51253	501	0.079	0.073	8.2
49185	502	36.900	33.100	11.5	51001	501	0.035	0.036	-2.8	51253	502	0.103	0.096	7.3
49239	501	0.184	0.176	4.5	51001	502	0.065	0.066	-1.5	51254	501	0.025	0.023	8.7
49239	502	0.175	0.165	6.1	51005	501	0.007	0.007	0.0	51254	502	0.032	0.030	6.7
49292	501	1.460	1.380	5.8	51005	502	0.013	0.014	-7.1	51255	501	0.410	0.420	-2.4
49292	502	1.150	1.030	11.7	51116	501	0.089	0.091	-2.2	51255	502	0.760	0.770	-1.3
49333	501	10.700	10.100	5.9	51116	502	0.164	0.166	-1.2	51300	501	0.117	0.109	7.3
49333	502	8.450	7.580	11.5	51201	501	0.026	0.024	8.3	51300	502	0.141	0.130	8.5
49617	501	0.290	0.280	3.6	51201	502	0.033	0.031	6.5	51305	501	0.117	0.109	7.3
49617	502	0.189	0.171	10.5	51205	501	0.078	0.072	8.3	51305	502	0.141	0.130	8.5
49618	501	0.245	0.236	3.8	51205	502	0.101	0.094	7.4	51315	501	0.120	0.115	4.3
49618	502	0.158	0.144	9.7	51206	501	0.012	0.011	9.1	51315	502	0.113	0.107	5.6
49619	501	0.460	0.440	4.5	51206	502	0.016	0.015	6.7	51330	501	0.063	0.064	-1.6
49619	502	0.300	0.270	11.1	51210	501	0.062	0.063	-1.6	51330	502	0.115	0.117	-1.7
49763	501	2.990	2.880	3.8	51210	502	0.113	0.115	-1.7	51333	501	0.021	0.021	0.0
49763	502	1.930	1.750	10.3	51220	501	0.212	0.217	-2.3	51333	502	0.038	0.038	0.0
49801	501	167.000	158.000	5.7	51220	502	0.390	0.390	0.0	51340	501	0.025	0.023	8.7
49801	502	132.000	118.000	11.9	51221	501	0.118	0.120	-1.7	51340	502	0.033	0.031	6.5
49802	501	14.800	14.000	5.7	51221	502	0.216	0.219	-1.4	51350	501	0.196	0.183	7.1
49802	502	11.700	10.500	11.4	51222	501	0.143	0.146	-2.1	51350	502	0.236	0.218	8.3
49803	501	26.200	24.800	5.6	51222	502	0.260	0.270	-3.7	51351	501	0.176	0.164	7.3
49803	502	20.700	18.600	11.3	51224	501	0.150	0.154	-2.6	51351	502	0.212	0.195	8.7
49840	501	0.810	0.780	3.8	51224	502	0.280	0.280	0.0	51352	501	0.241	0.224	7.6
49840	502	0.800	0.760	5.3	51230	501	0.025	0.026	-3.8	51352	502	0.290	0.270	7.4
49870	501	78.800	72.600	8.5	51230	502	0.047	0.047	0.0	51355	501	0.164	0.153	7.2
49870	502	69.000	60.200	14.6	51240	501	0.310	0.280	10.7	51355	502	0.198	0.182	8.8
50010	501	0.150	0.139	7.9	51240	502	0.400	0.370	8.1	51356	501	0.177	0.165	7.3
50010	502	0.195	0.181	7.7	51241	501	0.920	0.850	8.2	51356	502	0.213	0.197	8.1
50015	501	0.098	0.090	8.9	51241	502	1.190	1.110	7.2	51357	501	0.170	0.163	4.3
50015	502	0.127	0.118	7.6	51250	501	0.163	0.167	-2.4	51357	502	0.161	0.153	5.2

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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
51358	501	0.410	0.390	5.1	51613	502	0.079	0.074	6.8	51853	501	0.097	0.099	-2.0
51358	502	0.390	0.370	5.4	51625	501	0.032	0.033	-3.0	51853	502	0.178	0.181	-1.7
51359	501	0.360	0.340	5.9	51625	502	0.059	0.060	-1.7	51854	501	0.218	0.223	-2.2
51359	502	0.340	0.320	6.3	51666	501	0.083	0.078	6.4	51854	502	0.400	0.410	-2.4
51370	501	0.300	0.280	7.1	51666	502	0.100	0.093	7.5	51855	501	0.229	0.234	-2.1
51370	502	0.390	0.360	8.3	51702	501	0.097	0.099	-2.0	51855	502	0.420	0.430	-2.3
51380	501	0.030	0.028	7.1	51702	502	0.178	0.181	-1.7	51856	501	0.126	0.128	-1.6
51380	502	0.039	0.036	8.3	51703	501	0.040	0.041	-2.4	51856	502	0.231	0.234	-1.3
51400	501	0.147	0.151	-2.6	51703	502	0.074	0.075	-1.3	51857	501	0.215	0.220	-2.3
51400	502	0.270	0.270	0.0	51734	501	0.076	0.077	-1.3	51857	502	0.390	0.400	-2.5
51401	501	0.217	0.222	-2.3	51734	502	0.139	0.141	-1.4	51869	501	0.069	0.064	7.8
51401	502	0.400	0.400	0.0	51741	501	0.161	0.148	8.8	51869	502	0.089	0.083	7.2
51500	501	0.057	0.053	7.5	51741	502	0.208	0.194	7.2	51877	501	0.390	0.360	8.3
51500	502	0.074	0.069	7.2	51752	501	0.136	0.125	8.8	51877	502	0.500	0.470	6.4
51516	501	0.059	0.057	3.5	51752	502	0.176	0.164	7.3	51889	501	0.064	0.059	8.5
51516	502	0.058	0.056	3.6	51767	501	0.024	0.023	4.3	51889	502	0.083	0.077	7.8
51517	501	0.067	0.065	3.1	51767	502	0.029	0.027	7.4	51896	501	0.030	0.028	7.1
51517	502	0.066	0.063	4.8	51777	501	0.085	0.079	7.6	51896	502	0.039	0.036	8.3
51550	501	0.070	0.065	7.7	51777	502	0.102	0.094	8.5	51900	501	0.095	0.088	8.0
51550	502	0.091	0.085	7.1	51790	501	0.141	0.131	7.6	51900	502	0.114	0.105	8.6
51551	501	0.024	0.023	4.3	51790	502	0.170	0.157	8.3	51909	501	0.137	0.140	-2.1
51551	502	0.032	0.030	6.7	51796	501	0.059	0.054	9.3	51909	502	0.250	0.260	-3.8
51552	501	0.042	0.039	7.7	51796	502	0.076	0.071	7.0	51919	501	0.064	0.059	8.5
51552	502	0.055	0.051	7.8	51808	501	0.208	0.192	8.3	51919	502	0.084	0.078	7.7
51553	501	0.076	0.070	8.6	51808	502	0.270	0.250	8.0	51926	501	0.066	0.061	8.2
51553	502	0.098	0.091	7.7	51809	501	0.260	0.238	9.2	51926	502	0.085	0.079	7.6
51554	501	0.007	0.007	0.0	51809	502	0.340	0.310	9.7	51927	501	0.036	0.033	9.1
51554	502	0.009	0.009	0.0	51833	501	0.127	0.118	7.6	51927	502	0.046	0.043	7.0
51575	501	0.053	0.049	8.2	51833	502	0.153	0.141	8.5	51934	501	0.072	0.066	9.1
51575	502	0.063	0.058	8.6	51850	501	0.152	0.156	-2.6	51934	502	0.093	0.087	6.9
51576	501	0.136	0.125	8.8	51850	502	0.280	0.280	0.0	51941	501	0.065	0.060	8.3
51576	502	0.176	0.164	7.3	51851	501	0.103	0.105	-1.9	51941	502	0.085	0.079	7.6
51600	501	0.092	0.085	8.2	51851	502	0.189	0.192	-1.6	51942	501	0.104	0.096	8.3
51600	502	0.120	0.111	8.1	51852	501	0.241	0.247	-2.4	51942	502	0.136	0.126	7.9
51613	501	0.061	0.056	8.9	51852	502	0.440	0.450	-2.2	51956	501	0.280	0.260	7.7

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51956	502	0.370	0.340	8.8	52341	501	0.029	0.030	-3.3	52744	502	0.590	0.540	9.3
51957	501	0.249	0.229	8.7	52341	502	0.054	0.055	-1.8	52767	501	0.127	0.130	-2.3
51957	502	0.320	0.300	6.7	52342	501	0.085	0.087	-2.3	52767	502	0.234	0.237	-1.3
51958	501	0.221	0.204	8.3	52342	502	0.157	0.159	-1.3	52911	501	0.040	0.037	8.1
51958	502	0.290	0.270	7.4	52343	501	0.052	0.053	-1.9	52911	502	0.052	0.048	8.3
51959	501	0.226	0.209	8.1	52343	502	0.095	0.097	-2.1	52967	501	0.015	0.014	7.1
51959	502	0.290	0.270	7.4	52401	501	0.161	0.165	-2.4	52967	502	0.019	0.018	5.6
51960	501	0.030	0.028	7.1	52401	502	0.300	0.300	0.0	53001	501	0.146	0.135	8.1
51960	502	0.039	0.036	8.3	52402	501	0.014	0.013	7.7	53001	502	0.189	0.176	7.4
51970	501	0.130	0.120	8.3	52402	502	0.018	0.017	5.9	53077	501	0.070	0.065	7.7
51970	502	0.168	0.157	7.0	52432	501	0.070	0.064	9.4	53077	502	0.091	0.085	7.1
51982	501	0.038	0.035	8.6	52432	502	0.090	0.084	7.1	53095	501	0.048	0.044	9.1
51982	502	0.050	0.046	8.7	52433	501	0.064	0.059	8.5	53095	502	0.062	0.058	6.9
51985	501	0.055	0.053	3.8	52433	502	0.082	0.077	6.5	53096	501	0.067	0.062	8.1
51985	502	0.054	0.052	3.8	52435	501	0.080	0.074	8.1	53096	502	0.087	0.081	7.4
51986	501	0.150	0.139	7.9	52435	502	0.103	0.096	7.3	53121	501	0.190	0.175	8.6
51986	502	0.195	0.181	7.7	52438	501	0.058	0.053	9.4	53121	502	0.247	0.230	7.4
51999	501	0.063	0.058	8.6	52438	502	0.075	0.070	7.1	53147	501	0.022	0.022	0.0
51999	502	0.082	0.076	7.9	52440	501	0.090	0.083	8.4	53147	502	0.040	0.040	0.0
52002	501	0.056	0.051	9.8	52440	502	0.117	0.109	7.3	53229	501	0.121	0.123	-1.6
52002	502	0.072	0.067	7.5	52467	501	0.084	0.077	9.1	53229	502	0.222	0.225	-1.3
52075	501	0.120	0.122	-1.6	52467	502	0.108	0.101	6.9	53271	501	0.036	0.033	9.1
52075	502	0.220	0.223	-1.3	52469	501	0.029	0.027	7.4	53271	502	0.046	0.043	7.0
52076	501	0.144	0.147	-2.0	52469	502	0.038	0.035	8.6	53333	501	0.119	0.121	-1.7
52076	502	0.260	0.270	-3.7	52505	501	0.146	0.134	9.0	53333	502	0.218	0.221	-1.4
52109	501	0.014	0.013	7.7	52505	502	0.189	0.176	7.4	53374	501	0.128	0.119	7.6
52109	502	0.018	0.017	5.9	52547	501	0.139	0.142	-2.1	53374	502	0.154	0.142	8.5
52134	501	0.186	0.172	8.1	52547	502	0.260	0.260	0.0	53375	501	0.068	0.063	7.9
52134	502	0.241	0.225	7.1	52581	501	0.710	0.660	7.6	53375	502	0.082	0.075	9.3
52137	501	0.047	0.048	-2.1	52581	502	0.920	0.860	7.0	53376	501	0.109	0.101	7.9
52137	502	0.086	0.088	-2.3	52619	501	0.050	0.046	8.7	53376	502	0.131	0.121	8.3
52150	501	0.340	0.320	6.3	52619	502	0.065	0.060	8.3	53377	501	0.112	0.104	7.7
52150	502	0.440	0.410	7.3	52660	501	0.070	0.068	2.9	53377	502	0.134	0.124	8.1
52315	501	0.110	0.103	6.8	52660	502	0.069	0.066	4.5	53403	501	0.071	0.066	7.6
52315	502	0.133	0.122	9.0	52744	501	0.490	0.450	8.9	53403	502	0.085	0.078	9.0

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53425	501	0.112	0.114	-1.8	55371	502	0.390	0.360	8.3	56202	501	0.053	0.049	8.2
53425	502	0.205	0.208	-1.4	55426	501	0.123	0.125	-1.6	56202	502	0.069	0.064	7.8
53565	501	0.082	0.076	7.9	55426	502	0.225	0.228	-1.3	56390	501	0.093	0.086	8.1
53565	502	0.099	0.091	8.8	55597	501	0.019	0.017	11.8	56390	502	0.120	0.112	7.1
53631	501	0.022	0.020	10.0	55597	502	0.024	0.023	4.3	56391	501	0.080	0.074	8.1
53631	502	0.029	0.027	7.4	55647	501	0.038	0.035	8.6	56391	502	0.103	0.096	7.3
53632	501	0.025	0.023	8.7	55647	502	0.049	0.045	8.9	56427	501	0.128	0.118	8.5
53632	502	0.033	0.031	6.5	55648	501	0.017	0.016	6.3	56427	502	0.167	0.155	7.7
53731	501	0.023	0.021	9.5	55648	502	0.022	0.021	4.8	56488	501	0.141	0.131	7.6
53731	502	0.030	0.028	7.1	55649	501	0.020	0.019	5.3	56488	502	0.170	0.157	8.3
53732	501	0.159	0.147	8.2	55649	502	0.026	0.025	4.0	56567	501	0.114	0.116	-1.7
53732	502	0.206	0.192	7.3	55715	501	0.149	0.138	8.0	56567	502	0.209	0.212	-1.4
53733	501	0.103	0.095	8.4	55715	502	0.194	0.180	7.8	56650	501	0.350	0.360	-2.8
53733	502	0.134	0.125	7.2	55716	501	0.216	0.199	8.5	56650	502	0.640	0.650	-1.5
53734	501	0.360	0.340	5.9	55716	502	0.280	0.260	7.7	56651	501	0.189	0.194	-2.6
53734	502	0.350	0.330	6.1	55717	501	0.162	0.166	-2.4	56651	502	0.350	0.350	0.0
53803	501	0.270	0.270	0.0	55717	502	0.300	0.300	0.0	56652	501	0.135	0.138	-2.2
53803	502	0.490	0.500	-2.0	55718	501	0.157	0.161	-2.5	56652	502	0.249	0.250	-0.4
53907	501	0.070	0.064	9.4	55718	502	0.290	0.290	0.0	56653	501	0.130	0.133	-2.3
53907	502	0.091	0.084	8.3	55802	501	0.085	0.079	7.6	56653	502	0.240	0.243	-1.2
54012	501	0.036	0.034	5.9	55802	502	0.102	0.094	8.5	56654	501	0.067	0.068	-1.5
54012	502	0.035	0.033	6.1	55918	501	0.085	0.079	7.6	56654	502	0.122	0.124	-1.6
54077	501	0.096	0.088	9.1	55918	502	0.111	0.103	7.8	56690	501	0.073	0.068	7.4
54077	502	0.124	0.115	7.8	55919	501	0.012	0.011	9.1	56690	502	0.088	0.081	8.6
55010	501	0.290	0.270	7.4	55919	502	0.015	0.014	7.1	56699	501	0.059	0.055	7.3
55010	502	0.370	0.350	5.7	56040	501	0.008	0.007	14.3	56699	502	0.077	0.071	8.5
55011	501	0.078	0.072	8.3	56040	502	0.010	0.010	0.0	56758	501	0.050	0.046	8.7
55011	502	0.101	0.094	7.4	56041	501	0.053	0.049	8.2	56758	502	0.065	0.061	6.6
55012	501	0.093	0.086	8.1	56041	502	0.069	0.064	7.8	56759	501	0.051	0.047	8.5
55012	502	0.120	0.112	7.1	56042	501	0.067	0.062	8.1	56759	502	0.067	0.062	8.1
55013	501	0.101	0.103	-1.9	56042	502	0.087	0.081	7.4	56760	501	0.074	0.068	8.8
55013	502	0.186	0.188	-1.1	56170	501	0.110	0.112	-1.8	56760	502	0.096	0.089	7.9
55214	501	0.075	0.069	8.7	56170	502	0.202	0.205	-1.5	56805	501	0.097	0.090	7.8
55214	502	0.098	0.091	7.7	56171	501	0.054	0.055	-1.8	56805	502	0.126	0.117	7.7
55371	501	0.330	0.300	10.0	56171	502	0.099	0.100	-1.0	56806	501	0.069	0.063	9.5

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56806	502	0.089	0.083	7.2	57146	501	0.114	0.116	-1.7	57800	502	0.103	0.096	7.3
56807	501	0.068	0.063	7.9	57146	502	0.209	0.212	-1.4	57808	501	0.030	0.031	-3.2
56807	502	0.088	0.082	7.3	57202	501	0.066	0.061	8.2	57808	502	0.056	0.057	-1.8
56808	501	0.089	0.082	8.5	57202	502	0.085	0.079	7.6	57809	501	0.031	0.032	-3.1
56808	502	0.115	0.107	7.5	57257	501	0.081	0.075	8.0	57809	502	0.058	0.058	0.0
56900	501	0.085	0.079	7.6	57257	502	0.106	0.098	8.2	57810	501	0.030	0.031	-3.2
56900	502	0.111	0.103	7.8	57401	501	0.046	0.043	7.0	57810	502	0.056	0.057	-1.8
56910	501	0.043	0.039	10.3	57401	502	0.060	0.056	7.1	57871	501	0.036	0.037	-2.7
56910	502	0.055	0.052	5.8	57403	501	0.173	0.161	7.5	57871	502	0.067	0.068	-1.5
56911	501	0.098	0.100	-2.0	57403	502	0.208	0.192	8.3	57913	501	0.102	0.094	8.5
56911	502	0.180	0.183	-1.6	57410	501	0.022	0.021	4.8	57913	502	0.133	0.124	7.3
56912	501	0.079	0.081	-2.5	57410	502	0.029	0.027	7.4	57997	501	0.079	0.076	3.9
56912	502	0.146	0.148	-1.4	57411	501	0.027	0.028	-3.6	57997	502	0.078	0.074	5.4
56913	501	0.065	0.066	-1.5	57411	502	0.050	0.051	-2.0	57998	501	0.045	0.042	7.1
56913	502	0.119	0.121	-1.7	57572	501	0.013	0.012	8.3	57998	502	0.059	0.055	7.3
56915	501	0.380	0.390	-2.6	57572	502	0.017	0.016	6.3	57999	501	0.050	0.051	-2.0
56915	502	0.700	0.710	-1.4	57600	501	0.039	0.036	8.3	57999	502	0.092	0.093	-1.1
56916	501	0.350	0.350	0.0	57600	502	0.051	0.047	8.5	58009	501	0.050	0.051	-2.0
56916	502	0.640	0.640	0.0	57611	501	0.059	0.060	-1.7	58009	502	0.092	0.093	-1.1
56917	501	0.100	0.102	-2.0	57611	502	0.108	0.110	-1.8	58010	501	0.105	0.097	8.2
56917	502	0.184	0.186	-1.1	57625	501	0.340	0.320	6.3	58010	502	0.137	0.127	7.9
56918	501	0.048	0.049	-2.0	57625	502	0.450	0.420	7.1	58020	501	0.186	0.173	7.5
56918	502	0.088	0.089	-1.1	57651	501	0.042	0.039	7.7	58020	502	0.224	0.206	8.7
56919	501	0.123	0.125	-1.6	57651	502	0.054	0.050	8.0	58056	501	0.126	0.116	8.6
56919	502	0.225	0.228	-1.3	57690	501	0.076	0.078	-2.6	58056	502	0.163	0.152	7.2
56920	501	0.112	0.114	-1.8	57690	502	0.141	0.142	-0.7	58057	501	0.079	0.073	8.2
56920	502	0.205	0.208	-1.4	57716	501	0.036	0.037	-2.7	58057	502	0.103	0.096	7.3
56980	501	0.074	0.068	8.8	57716	502	0.067	0.068	-1.5	58058	501	0.071	0.066	7.6
56980	502	0.096	0.089	7.9	57725	501	0.079	0.081	-2.5	58058	502	0.092	0.086	7.0
57001	501	0.025	0.023	8.7	57725	502	0.146	0.148	-1.4	58095	501	0.100	0.092	8.7
57001	502	0.033	0.031	6.5	57726	501	0.062	0.063	-1.6	58095	502	0.130	0.121	7.4
57002	501	0.016	0.015	6.7	57726	502	0.113	0.115	-1.7	58096	501	0.133	0.123	8.1
57002	502	0.021	0.020	5.0	57798	501	0.021	0.020	5.0	58096	502	0.172	0.160	7.5
57090	501	0.179	0.184	-2.7	57798	502	0.027	0.026	3.8	58301	501	0.038	0.039	-2.6
57090	502	0.330	0.330	0.0	57800	501	0.079	0.073	8.2	58301	502	0.070	0.071	-1.4

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58302	501	0.036	0.033	9.1	58737	502	0.122	0.114	7.0	59223	501	0.115	0.117	-1.7
58302	502	0.046	0.043	7.0	58756	501	0.047	0.048	-2.1	59223	502	0.211	0.214	-1.4
58397	501	0.208	0.192	8.3	58756	502	0.086	0.088	-2.3	59257	501	0.014	0.013	7.7
58397	502	0.270	0.250	8.0	58757	501	0.320	0.290	10.3	59257	502	0.019	0.017	11.8
58408	501	0.047	0.045	4.4	58757	502	0.410	0.380	7.9	59306	501	0.090	0.083	8.4
58408	502	0.046	0.044	4.5	58759	501	0.039	0.036	8.3	59306	502	0.117	0.109	7.3
58409	501	0.059	0.057	3.5	58759	502	0.051	0.047	8.5	59378	501	0.075	0.076	-1.3
58409	502	0.058	0.056	3.6	58802	501	0.044	0.041	7.3	59378	502	0.137	0.139	-1.4
58456	501	0.032	0.030	6.7	58802	502	0.058	0.054	7.4	59481	501	0.241	0.223	8.1
58456	502	0.031	0.030	3.3	58813	501	0.116	0.118	-1.7	59481	502	0.310	0.290	6.9
58457	501	0.046	0.044	4.5	58813	502	0.213	0.215	-0.9	59482	501	0.380	0.360	5.6
58457	502	0.045	0.043	4.7	58822	501	0.122	0.113	8.0	59482	502	0.460	0.430	7.0
58458	501	0.059	0.057	3.5	58822	502	0.159	0.148	7.4	59537	501	0.080	0.082	-2.4
58458	502	0.058	0.056	3.6	58837	501	0.232	0.238	-2.5	59537	502	0.148	0.150	-1.3
58459	501	0.071	0.069	2.9	58837	502	0.430	0.430	0.0	59601	501	0.091	0.084	8.3
58459	502	0.070	0.067	4.5	58840	501	0.070	0.071	-1.4	59601	502	0.118	0.110	7.3
58503	501	0.056	0.051	9.8	58840	502	0.128	0.130	-1.5	59647	501	0.172	0.160	7.5
58503	502	0.072	0.067	7.5	58873	501	0.111	0.113	-1.8	59647	502	0.207	0.191	8.4
58532	501	0.072	0.066	9.1	58873	502	0.204	0.206	-1.0	59660	501	0.167	0.155	7.7
58532	502	0.093	0.087	6.9	58903	501	0.028	0.026	7.7	59660	502	0.217	0.202	7.4
58559	501	0.015	0.013	15.4	58903	502	0.036	0.034	5.9	59661	501	0.082	0.076	7.9
58559	502	0.019	0.018	5.6	58904	501	0.021	0.020	5.0	59661	502	0.107	0.099	8.1
58560	501	0.035	0.033	6.1	58904	502	0.028	0.026	7.7	59693	501	0.014	0.013	7.7
58560	502	0.046	0.043	7.0	58922	501	0.184	0.189	-2.6	59693	502	0.018	0.017	5.9
58575	501	0.045	0.042	7.1	58922	502	0.340	0.340	0.0	59701	501	0.007	0.006	16.7
58575	502	0.059	0.055	7.3	59005	501	0.053	0.049	8.2	59701	502	0.009	0.008	12.5
58627	501	0.146	0.134	9.0	59005	502	0.069	0.064	7.8	59713	501	0.150	0.138	8.7
58627	502	0.189	0.176	7.4	59057	501	0.390	0.360	8.3	59713	502	0.194	0.181	7.2
58663	501	0.250	0.260	-3.8	59057	502	0.510	0.480	6.2	59722	501	0.078	0.072	8.3
58663	502	0.460	0.470	-2.1	59058	501	0.250	0.235	6.4	59722	502	0.101	0.094	7.4
58682	501	0.130	0.120	8.3	59058	502	0.330	0.310	6.5	59723	501	0.029	0.027	7.4
58682	502	0.168	0.157	7.0	59188	501	0.370	0.340	8.8	59723	502	0.038	0.035	8.6
58713	501	0.054	0.050	8.0	59188	502	0.440	0.410	7.3	59724	501	0.045	0.041	9.8
58713	502	0.065	0.060	8.3	59189	501	0.510	0.470	8.5	59724	502	0.058	0.054	7.4
58737	501	0.094	0.087	8.0	59189	502	0.610	0.560	8.9	59725	501	0.056	0.052	7.7

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59725	502	0.072	0.067	7.5	59892	501	0.076	0.077	-1.3	59970	502	0.126	0.128	-1.6
59726	501	0.041	0.037	10.8	59892	502	0.139	0.141	-1.4	59973	501	0.115	0.106	8.5
59726	502	0.053	0.049	8.2	59904	501	0.051	0.052	-1.9	59973	502	0.149	0.138	8.0
59738	501	0.130	0.120	8.3	59904	502	0.094	0.095	-1.1	59975	501	0.096	0.098	-2.0
59738	502	0.168	0.157	7.0	59905	501	0.070	0.065	7.7	59975	502	0.177	0.179	-1.1
59750	501	0.060	0.061	-1.6	59905	502	0.091	0.085	7.1	59977	501	0.055	0.056	-1.8
59750	502	0.110	0.111	-0.9	59914	501	0.410	0.380	7.9	59977	502	0.101	0.102	-1.0
59751	501	0.022	0.022	0.0	59914	502	0.540	0.500	8.0	59984	501	0.031	0.029	6.9
59751	502	0.040	0.040	0.0	59915	501	0.170	0.174	-2.3	59984	502	0.041	0.038	7.9
59773	501	0.022	0.020	10.0	59915	502	0.310	0.320	-3.1	59985	501	0.123	0.113	8.8
59773	502	0.026	0.024	8.3	59917	501	0.031	0.032	-3.1	59985	502	0.159	0.148	7.4
59774	501	0.018	0.017	5.9	59917	502	0.058	0.058	0.0	59986	501	0.094	0.086	9.3
59774	502	0.022	0.020	10.0	59923	501	0.010	0.009	11.1	59986	502	0.122	0.113	8.0
59775	501	0.023	0.021	9.5	59923	502	0.013	0.012	8.3	59988	501	0.025	0.025	0.0
59775	502	0.028	0.026	7.7	59925	501	0.370	0.350	5.7	59988	502	0.045	0.046	-2.2
59781	501	0.052	0.053	-1.9	59925	502	0.350	0.330	6.1	59989	501	0.016	0.015	6.7
59781	502	0.095	0.097	-2.1	59926	501	0.310	0.300	3.3	59989	502	0.021	0.020	5.0
59782	501	0.077	0.079	-2.5	59926	502	0.300	0.280	7.1	60010	501	20.100	19.600	2.6
59782	502	0.142	0.144	-1.4	59927	501	0.211	0.202	4.5	60010	502	11.700	10.800	8.3
59783	501	0.076	0.077	-1.3	59927	502	0.200	0.189	5.8	60011	501	23.100	22.500	2.7
59783	502	0.139	0.141	-1.4	59931	501	0.186	0.172	8.1	60011	502	13.500	12.400	8.9
59784	501	0.058	0.059	-1.7	59931	502	0.241	0.225	7.1	60012	501	38.000	37.000	2.7
59784	502	0.106	0.108	-1.9	59932	501	0.200	0.185	8.1	60012	502	22.200	20.400	8.8
59790	501	0.100	0.092	8.7	59932	502	0.260	0.242	7.4	60013	501	32.600	31.700	2.8
59790	502	0.130	0.121	7.4	59941	501	0.062	0.058	6.9	60013	502	19.000	17.500	8.6
59798	501	0.197	0.202	-2.5	59941	502	0.081	0.075	8.0	60015	501	24.300	23.700	2.5
59798	502	0.360	0.370	-2.7	59947	501	0.051	0.052	-1.9	60015	502	14.200	13.100	8.4
59806	501	0.141	0.144	-2.1	59947	502	0.094	0.095	-1.1	60016	501	27.300	26.600	2.6
59806	502	0.260	0.260	0.0	59955	501	0.024	0.022	9.1	60016	502	16.000	14.700	8.8
59867	501	0.113	0.104	8.7	59955	502	0.031	0.029	6.9	60035	501	41.800	41.900	-0.2
59867	502	0.146	0.136	7.4	59963	501	0.178	0.164	8.5	60035	502	26.800	25.400	5.5
59886	501	0.015	0.014	7.1	59963	502	0.230	0.215	7.0	61000	501	19.900	19.400	2.6
59886	502	0.020	0.018	11.1	59964	501	0.420	0.380	10.5	61000	502	11.600	10.700	8.4
59889	501	0.072	0.067	7.5	59964	502	0.540	0.500	8.0	61212	501	21.400	22.500	-4.9
59889	502	0.086	0.080	7.5	59970	501	0.069	0.070	-1.4	61212	502	13.700	13.700	0.0

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61216	501	23.700	25.000	-5.2	63216	502	27.100	25.700	5.4	67635	501	33.700	33.800	-0.3
61216	502	15.200	15.200	0.0	63217	501	35.900	33.100	8.5	67635	502	21.600	20.500	5.4
61217	501	21.600	22.800	-5.3	63217	502	31.500	27.400	15.0	68001	501	103.000	103.000	0.0
61217	502	13.900	13.800	0.7	63218	501	12.100	11.200	8.0	68001	502	66.000	62.600	5.4
61218	501	14.700	15.500	-5.2	63218	502	10.600	9.240	14.7	68439	501	132.000	133.000	-0.8
61218	502	9.450	9.440	0.1	64074	501	19.400	17.600	10.2	68439	502	84.900	80.500	5.5
61223	501	105.000	105.000	0.0	64074	502	16.400	14.100	16.3	68500	501	4.420	4.300	2.8
61223	502	67.200	63.700	5.5	64075	501	13.600	12.400	9.7	68500	502	2.580	2.380	8.4
61224	501	33.300	37.200	-10.5	64075	502	11.600	9.950	16.6	68604	501	2.470	2.480	-0.4
61224	502	21.400	22.600	-5.3	65007	501	37.000	37.200	-0.5	68604	502	1.590	1.500	6.0
61225	501	46.300	51.600	-10.3	65007	502	23.800	22.600	5.3	68606	501	9.650	9.690	-0.4
61225	502	29.700	31.300	-5.1	66122	501	15.900	16.000	-0.6	68606	502	6.200	5.880	5.4
61226	501	77.900	82.200	-5.2	66122	502	10.200	9.710	5.0	68607	501	7.630	7.660	-0.4
61226	502	50.000	49.900	0.2	66123	501	8.760	8.790	-0.3	68607	502	4.900	4.650	5.4
61227	501	71.300	75.300	-5.3	66123	502	5.620	5.330	5.4	68702	501	6.290	6.310	-0.3
61227	502	45.700	45.700	0.0	66309	501	25.600	25.700	-0.4	68702	502	4.040	3.830	5.5
62000	501	16.200	17.100	-5.3	66309	502	16.400	15.600	5.1	68703	501	4.720	4.730	-0.2
62000	502	10.500	10.400	1.0	66561	501	59.300	59.500	-0.3	68703	502	3.030	2.870	5.6
62001	501	12.800	12.800	0.0	66561	502	38.100	36.100	5.5	68706	501	20.200	20.300	-0.5
62001	502	8.220	7.790	5.5	67017	501	55.000	55.200	-0.4	68706	502	13.000	12.300	5.7
62002	501	5.840	5.860	-0.3	67017	502	35.300	33.500	5.4	68707	501	20.000	20.100	-0.5
62002	502	3.750	3.560	5.3	67508	501	31.400	28.600	9.8	68707	502	12.800	12.200	4.9
62003	501	18.400	18.500	-0.5	67508	502	24.300	20.900	16.3	90089	501	3.500	3.340	4.8
62003	502	11.800	11.200	5.4	67509	501	23.100	20.900	10.5	90089	502	3.500	3.340	4.8
63010	501	36.200	35.200	2.8	67509	502	17.800	15.300	16.3	91111	501	2.930	2.740	6.9
63010	502	21.100	19.500	8.2	67510	501	12.800	11.700	9.4	91111	502	2.930	2.740	6.9
63011	501	45.200	44.000	2.7	67510	502	9.920	8.520	16.4	91125	501	2.100	2.010	4.5
63011	502	26.400	24.300	8.6	67511	501	13.900	12.600	10.3	91125	502	2.100	2.010	4.5
63012	501	64.300	62.600	2.7	67511	502	10.700	9.210	16.2	91127	501	1.980	1.840	7.6
63012	502	37.600	34.600	8.7	67512	501	59.500	54.000	10.2	91127	502	1.980	1.840	7.6
63013	501	60.900	59.300	2.7	67512	502	46.000	39.500	16.5	91130	501	1.050	1.060	-0.9
63013	502	35.600	32.800	8.5	67513	501	37.700	34.300	9.9	91130	502	1.050	1.060	-0.9
63215	501	60.800	61.100	-0.5	67513	502	29.200	25.000	16.8	91135	501	0.300	0.300	0.0
63215	502	39.100	37.100	5.4	67634	501	47.600	47.800	-0.4	91135	502	0.300	0.300	0.0
63216	501	42.200	42.400	-0.5	67634	502	30.600	29.000	5.5	91150	501	1.860	1.740	6.9

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91150	502	1.860	1.740	6.9	91343	501	0.810	0.770	5.2	91641	502	0.970	0.980	-1.0
91155	501	4.140	3.860	7.3	91343	502	0.810	0.770	5.2	91666	501	0.750	0.720	4.2
91155	502	4.140	3.860	7.3	91405	501	3.930	3.810	3.1	91666	502	0.750	0.720	4.2
91160	501	0.850	0.810	4.9	91405	502	3.930	3.810	3.1	91722	501	3.140	3.180	-1.3
91160	502	0.850	0.810	4.9	91436	501	4.140	3.950	4.8	91722	502	3.140	3.180	-1.3
91175	501	0.730	0.700	4.3	91436	502	4.140	3.950	4.8	91746	501	2.690	2.570	4.7
91175	502	0.730	0.700	4.3	91481	501	15.100	14.400	4.9	91746	502	2.690	2.570	4.7
91177	501	3.180	3.040	4.6	91481	502	15.100	14.400	4.9	91805	501	0.169	0.161	5.0
91177	502	3.180	3.040	4.6	91507	501	2.220	2.120	4.7	91805	502	0.169	0.161	5.0
91179	501	3.200	3.050	4.9	91507	502	2.220	2.120	4.7	92053	501	0.410	0.400	2.5
91179	502	3.200	3.050	4.9	91523	501	34.300	32.700	4.9	92053	502	0.410	0.400	2.5
91190	501	1.720	1.640	4.9	91523	502	34.300	32.700	4.9	92054	501	0.143	0.137	4.4
91190	502	1.720	1.640	4.9	91547	501	0.195	0.186	4.8	92054	502	0.143	0.137	4.4
91200	501	0.600	0.610	-1.6	91547	502	0.195	0.186	4.8	92055	501	3.990	3.810	4.7
91200	502	0.600	0.610	-1.6	91551	501	1.210	1.150	5.2	92055	502	3.990	3.810	4.7
91235	501	2.270	2.120	7.1	91551	502	1.210	1.150	5.2	92101	501	6.240	5.960	4.7
91235	502	2.270	2.120	7.1	91555	501	1.370	1.280	7.0	92101	502	6.240	5.960	4.7
91250	501	3.430	3.200	7.2	91555	502	1.370	1.280	7.0	92102	501	3.750	3.590	4.5
91250	502	3.430	3.200	7.2	91560	501	3.730	3.790	-1.6	92102	502	3.750	3.590	4.5
91265	501	12.700	13.000	-2.3	91560	502	3.730	3.790	-1.6	92215	501	3.260	3.040	7.2
91265	502	12.700	13.000	-2.3	91562	501	2.690	2.570	4.7	92215	502	3.260	3.040	7.2
91266	501	6.770	6.860	-1.3	91562	502	2.690	2.570	4.7	92338	501	1.440	1.380	4.3
91266	502	6.770	6.860	-1.3	91577	501	9.630	9.200	4.7	92338	502	1.440	1.380	4.3
91302	501	7.650	7.410	3.2	91577	502	9.630	9.200	4.7	92445	501	2.060	2.080	-1.0
91302	502	7.650	7.410	3.2	91580	501	4.930	5.000	-1.4	92445	502	2.060	2.080	-1.0
91315	501	2.320	2.250	3.1	91580	502	4.930	5.000	-1.4	92446	501	4.740	4.530	4.6
91315	502	2.320	2.250	3.1	91590	501	2.800	2.670	4.9	92446	502	4.740	4.530	4.6
91324	501	5.170	5.010	3.2	91590	502	2.800	2.670	4.9	92447	501	4.150	3.960	4.8
91324	502	5.170	5.010	3.2	91606	501	10.300	10.400	-1.0	92447	502	4.150	3.960	4.8
91340	501	3.370	3.270	3.1	91606	502	10.300	10.400	-1.0	92451	501	2.270	2.120	7.1
91340	502	3.370	3.270	3.1	91629	501	2.090	2.120	-1.4	92451	502	2.270	2.120	7.1
91341	501	3.660	3.490	4.9	91629	502	2.090	2.120	-1.4	92453	501	2.630	2.510	4.8
91341	502	3.660	3.490	4.9	91636	501	3.590	3.640	-1.4	92453	502	2.630	2.510	4.8
91342	501	3.090	3.000	3.0	91636	502	3.590	3.640	-1.4	92478	501	1.300	1.240	4.8
91342	502	3.090	3.000	3.0	91641	501	0.970	0.980	-1.0	92478	502	1.300	1.240	4.8

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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
92593	501	29.800	27.900	6.8	95357	502	1.050	1.060	-0.9	97050	501	1.830	1.770	3.4
92593	502	29.800	27.900	6.8	95410	501	3.590	3.430	4.7	97050	502	1.830	1.770	3.4
92663	501	0.480	0.490	-2.0	95410	502	3.590	3.430	4.7	97111	501	4.290	4.100	4.6
92663	502	0.480	0.490	-2.0	95455	501	4.340	4.390	-1.1	97111	502	4.290	4.100	4.6
94007	501	8.910	8.500	4.8	95455	502	4.340	4.390	-1.1	97220	501	0.280	0.280	0.0
94007	502	8.910	8.500	4.8	95487	501	1.930	1.840	4.9	97220	502	0.280	0.280	0.0
94099	501	2.030	1.940	4.6	95487	502	1.930	1.840	4.9	97222	501	1.500	1.410	6.4
94099	502	2.030	1.940	4.6	95505	501	2.020	2.050	-1.5	97222	502	1.500	1.410	6.4
94225	501	7.140	6.810	4.8	95505	502	2.020	2.050	-1.5	97223	501	2.270	2.120	7.1
94225	502	7.140	6.810	4.8	95620	501	1.560	1.490	4.7	97223	502	2.270	2.120	7.1
94276	501	3.710	3.550	4.5	95620	502	1.560	1.490	4.7	97308	501	0.520	0.530	-1.9
94276	502	3.710	3.550	4.5	95625	501	3.660	3.540	3.4	97308	502	0.520	0.530	-1.9
94304	501	2.900	2.710	7.0	95625	502	3.660	3.540	3.4	97447	501	1.720	1.740	-1.1
94304	502	2.900	2.710	7.0	95647	501	2.740	2.560	7.0	97447	502	1.720	1.740	-1.1
94381	501	5.450	5.090	7.1	95647	502	2.740	2.560	7.0	97650	501	2.960	2.830	4.6
94381	502	5.450	5.090	7.1	96053	501	2.080	1.940	7.2	97650	502	2.960	2.830	4.6
94404	501	3.530	3.360	5.1	96053	502	2.080	1.940	7.2	97651	501	5.090	5.150	-1.2
94404	502	3.530	3.360	5.1	96317	501	1.090	1.100	-0.9	97651	502	5.090	5.150	-1.2
94569	501	2.380	2.270	4.8	96317	502	1.090	1.100	-0.9	97652	501	4.410	4.470	-1.3
94569	502	2.380	2.270	4.8	96408	501	3.110	2.970	4.7	97652	502	4.410	4.470	-1.3
94590	501	10.300	9.790	5.2	96408	502	3.110	2.970	4.7	97653	501	2.540	2.420	5.0
94590	502	10.300	9.790	5.2	96409	501	2.880	2.740	5.1	97653	502	2.540	2.420	5.0
94617	501	3.240	3.090	4.9	96409	502	2.880	2.740	5.1	97654	501	4.430	4.220	5.0
94617	502	3.240	3.090	4.9	96410	501	2.520	2.410	4.6	97654	502	4.430	4.220	5.0
95124	501	1.200	1.140	5.3	96410	502	2.520	2.410	4.6	97655	501	3.920	3.980	-1.5
95124	502	1.200	1.140	5.3	96611	501	0.770	0.750	2.7	97655	502	3.920	3.980	-1.5
95233	501	2.560	2.450	4.5	96611	502	0.770	0.750	2.7	98002	501	0.710	0.720	-1.4
95233	502	2.560	2.450	4.5	96702	501	3.580	3.410	5.0	98002	502	0.710	0.720	-1.4
95305	501	2.790	2.660	4.9	96702	502	3.580	3.410	5.0	98003	501	0.790	0.760	3.9
95305	502	2.790	2.660	4.9	96816	501	3.360	3.200	5.0	98003	502	0.790	0.760	3.9
95306	501	4.110	4.170	-1.4	96816	502	3.360	3.200	5.0	98090	501	0.107	0.102	4.9
95306	502	4.110	4.170	-1.4	96872	501	3.850	3.900	-1.3	98090	502	0.107	0.102	4.9
95310	501	6.650	6.340	4.9	96872	502	3.850	3.900	-1.3	98091	501	0.116	0.110	5.5
95310	502	6.650	6.340	4.9	97047	501	2.350	2.280	3.1	98091	502	0.116	0.110	5.5
95357	501	1.050	1.060	-0.9	97047	502	2.350	2.280	3.1	98092	501	0.360	0.340	5.9

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LOSS COST % CHANGE BY CLASS

CLASS	TERR	PROPOSED OCCURR	PRESENT OCCURR	% CHG	CLASS	TERR	PROPOSED OCCURR	PRESENT OCCURR	% CHG	CLASS	TERR	PROPOSED OCCURR	PRESENT OCCURR	% CHG
98092	502	0.360	0.340	5.9	98308	501	0.920	0.880	4.5	98555	502	2.030	1.940	4.6
98111	501	0.570	0.540	5.6	98308	502	0.920	0.880	4.5	98597	501	0.450	0.430	4.7
98111	502	0.570	0.540	5.6	98309	501	4.490	4.550	-1.3	98597	502	0.450	0.430	4.7
98152	501	2.390	2.420	-1.2	98309	502	4.490	4.550	-1.3	98598	501	0.156	0.149	4.7
98152	502	2.390	2.420	-1.2	98344	501	0.520	0.510	2.0	98598	502	0.156	0.149	4.7
98153	501	2.690	2.730	-1.5	98344	502	0.520	0.510	2.0	98601	501	5.220	4.980	4.8
98153	502	2.690	2.730	-1.5	98405	501	0.870	0.840	3.6	98601	502	5.220	4.980	4.8
98154	501	3.180	3.220	-1.2	98405	502	0.870	0.840	3.6	98624	501	0.820	0.780	5.1
98154	502	3.180	3.220	-1.2	98413	501	11.700	11.100	5.4	98624	502	0.820	0.780	5.1
98155	501	4.450	4.510	-1.3	98413	502	11.700	11.100	5.4	98636	501	2.800	2.610	7.3
98155	502	4.450	4.510	-1.3	98414	501	10.700	10.200	4.9	98636	502	2.800	2.610	7.3
98157	501	2.850	2.880	-1.0	98414	502	10.700	10.200	4.9	98640	501	89.900	85.800	4.8
98157	502	2.850	2.880	-1.0	98415	501	1.400	1.340	4.5	98640	502	89.900	85.800	4.8
98159	501	1.910	1.930	-1.0	98415	502	1.400	1.340	4.5	98658	501	4.590	4.660	-1.5
98159	502	1.910	1.930	-1.0	98423	501	3.340	3.190	4.7	98658	502	4.590	4.660	-1.5
98160	501	4.040	4.090	-1.2	98423	502	3.340	3.190	4.7	98659	501	0.820	0.830	-1.2
98160	502	4.040	4.090	-1.2	98424	501	5.670	5.410	4.8	98659	502	0.820	0.830	-1.2
98161	501	4.530	4.580	-1.1	98424	502	5.670	5.410	4.8	98677	501	14.100	13.500	4.4
98161	502	4.530	4.580	-1.1	98425	501	2.330	2.220	5.0	98677	502	14.100	13.500	4.4
98163	501	4.740	4.810	-1.5	98425	502	2.330	2.220	5.0	98678	501	12.500	12.000	4.2
98163	502	4.740	4.810	-1.5	98426	501	2.060	1.960	5.1	98678	502	12.500	12.000	4.2
98164	501	1.920	1.790	7.3	98426	502	2.060	1.960	5.1	98699	501	4.100	3.910	4.9
98164	502	1.920	1.790	7.3	98427	501	2.010	1.910	5.2	98699	502	4.100	3.910	4.9
98257	501	1.200	1.140	5.3	98427	502	2.010	1.910	5.2	98705	501	6.500	6.590	-1.4
98257	502	1.200	1.140	5.3	98429	501	0.940	0.950	-1.1	98705	502	6.500	6.590	-1.4
98303	501	8.930	9.050	-1.3	98429	502	0.940	0.950	-1.1	98710	501	2.850	2.720	4.8
98303	502	8.930	9.050	-1.3	98449	501	2.880	2.740	5.1	98710	502	2.850	2.720	4.8
98304	501	4.440	4.230	5.0	98449	502	2.880	2.740	5.1	98751	501	3.480	3.520	-1.1
98304	502	4.440	4.230	5.0	98482	501	3.080	2.940	4.8	98751	502	3.480	3.520	-1.1
98305	501	1.890	1.830	3.3	98482	502	3.080	2.940	4.8	98805	501	3.710	3.550	4.5
98305	502	1.890	1.830	3.3	98483	501	4.550	4.340	4.8	98805	502	3.710	3.550	4.5
98306	501	4.860	4.710	3.2	98483	502	4.550	4.340	4.8	98806	501	2.600	2.430	7.0
98306	502	4.860	4.710	3.2	98502	501	4.360	4.160	4.8	98806	502	2.600	2.430	7.0
98307	501	1.400	1.340	4.5	98502	502	4.360	4.160	4.8	98810	501	2.660	2.580	3.1
98307	502	1.400	1.340	4.5	98555	501	2.030	1.940	4.6	98810	502	2.660	2.580	3.1

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LOSS COST % CHANGE BY CLASS

CLASS	TERR	PROPOSED OCCURR	PRESENT OCCURR	% CHG	CLASS	TERR	PROPOSED OCCURR	PRESENT OCCURR	% CHG	CLASS	TERR	PROPOSED OCCURR	PRESENT OCCURR	% CHG
98813	501	2.570	2.490	3.2	99310	502	2.840	2.710	4.8	99746	501	1.940	1.850	4.9
98813	502	2.570	2.490	3.2	99315	501	8.340	7.960	4.8	99746	502	1.940	1.850	4.9
98820	501	7.100	6.780	4.7	99315	502	8.340	7.960	4.8	99760	501	0.221	0.211	4.7
98820	502	7.100	6.780	4.7	99321	501	8.090	7.720	4.8	99760	502	0.221	0.211	4.7
98884	501	1.850	1.760	5.1	99321	502	8.090	7.720	4.8	99777	501	4.610	4.470	3.1
98884	502	1.850	1.760	5.1	99471	501	0.560	0.570	-1.8	99777	502	4.610	4.470	3.1
98914	501	0.560	0.570	-1.8	99471	502	0.560	0.570	-1.8	99793	501	2.460	2.350	4.7
98914	502	0.560	0.570	-1.8	99505	501	4.520	4.220	7.1	99793	502	2.460	2.350	4.7
98949	501	0.780	0.800	-2.5	99505	502	4.520	4.220	7.1	99826	501	0.520	0.510	2.0
98949	502	0.780	0.800	-2.5	99506	501	5.560	5.190	7.1	99826	502	0.520	0.510	2.0
98967	501	2.900	2.770	4.7	99506	502	5.560	5.190	7.1	99827	501	0.360	0.340	5.9
98967	502	2.900	2.770	4.7	99507	501	4.850	4.530	7.1	99827	502	0.360	0.340	5.9
98993	501	5.350	4.990	7.2	99507	502	4.850	4.530	7.1	99851	501	1.430	1.370	4.4
98993	502	5.350	4.990	7.2	99570	501	2.600	2.430	7.0	99851	502	1.430	1.370	4.4
99003	501	1.380	1.320	4.5	99570	502	2.600	2.430	7.0	99917	501	2.310	2.210	4.5
99003	502	1.380	1.320	4.5	99571	501	0.630	0.590	6.8	99917	502	2.310	2.210	4.5
99004	501	2.130	2.070	2.9	99571	502	0.630	0.590	6.8	99938	501	2.600	2.480	4.8
99004	502	2.130	2.070	2.9	99572	501	1.240	1.150	7.8	99938	502	2.600	2.480	4.8
99080	501	0.980	0.930	5.4	99572	502	1.240	1.150	7.8	99943	501	7.540	7.200	4.7
99080	502	0.980	0.930	5.4	99573	501	1.180	1.100	7.3	99943	502	7.540	7.200	4.7
99111	501	1.410	1.350	4.4	99573	502	1.180	1.100	7.3	99946	501	5.620	5.360	4.9
99111	502	1.410	1.350	4.4	99600	501	0.930	0.900	3.3	99946	502	5.620	5.360	4.9
99163	501	3.380	3.230	4.6	99600	502	0.930	0.900	3.3	99948	501	6.430	6.010	7.0
99163	502	3.380	3.230	4.6	99613	501	7.160	6.840	4.7	99948	502	6.430	6.010	7.0
99165	501	0.740	0.710	4.2	99613	502	7.160	6.840	4.7	99952	501	3.900	3.780	3.2
99165	502	0.740	0.710	4.2	99614	501	2.070	2.010	3.0	99952	502	3.900	3.780	3.2
99220	501	1.240	1.250	-0.8	99614	502	2.070	2.010	3.0	99953	501	4.210	4.080	3.2
99220	502	1.240	1.250	-0.8	99620	501	0.390	0.370	5.4	99953	502	4.210	4.080	3.2
99222	501	2.320	2.350	-1.3	99620	502	0.390	0.370	5.4	99954	501	3.060	2.970	3.0
99222	502	2.320	2.350	-1.3	99650	501	1.240	1.150	7.8	99954	502	3.060	2.970	3.0
99223	501	0.208	0.199	4.5	99650	502	1.240	1.150	7.8	99955	501	3.830	3.720	3.0
99223	502	0.208	0.199	4.5	99709	501	3.040	2.840	7.0	99955	502	3.830	3.720	3.0
99303	501	11.400	10.800	5.6	99709	502	3.040	2.840	7.0	99963	501	0.560	0.530	5.7
99303	502	11.400	10.800	5.6	99718	501	1.150	1.090	5.5	99963	502	0.560	0.530	5.7
99310	501	2.840	2.710	4.8	99718	502	1.150	1.090	5.5	99969	501	2.240	2.270	-1.3

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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
99969	502	2.240	2.270	-1.3										
99975	501	3.410	3.300	3.3										
99975	502	3.410	3.300	3.3										
99988	501	1.990	2.010	-1.0										
99988	502	1.990	2.010	-1.0										

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STATE: 36 - OREGON
 SUBLINE: PRODUCTS/COMPLETED OPERATIONS

LOSS COST % CHANGE BY CLASS

CLASS	PROPOSED OCCURR	PRESENT OCCURR	% CHG	CLASS	PROPOSED OCCURR	PRESENT OCCURR	% CHG	CLASS	PROPOSED OCCURR	PRESENT OCCURR	% CHG
10010	0.195	0.184	6.0	11259	0.177	0.183	-3.3	13759	0.151	0.152	-0.7
10026	0.020	0.020	0.0	11288	0.091	0.085	7.1	13930	0.201	0.211	-4.7
10040	0.300	0.280	7.1	12014	0.038	0.038	0.0	14068	0.014	0.015	-6.7
10042	0.540	0.460	17.4	12356	0.031	0.029	6.9	14101	0.045	0.040	12.5
10060	0.082	0.081	1.2	12361	0.077	0.082	-6.1	14279	0.070	0.065	7.7
10065	0.036	0.032	12.5	12373	0.024	0.025	-4.0	14401	0.122	0.114	7.0
10066	0.065	0.064	1.6	12374	0.073	0.069	5.8	14527	0.189	0.181	4.4
10070	0.154	0.141	9.2	12375	0.050	0.047	6.4	14855	0.154	0.162	-4.9
10071	0.103	0.092	12.0	12391	0.082	0.091	-9.9	14913	0.187	0.163	14.7
10073	0.650	0.550	18.2	12509	0.036	0.038	-5.3	15223	0.041	0.033	24.2 U
10075	0.190	0.179	6.1	12510	0.030	0.030	0.0	15224	0.071	0.070	1.4
10100	0.054	0.049	10.2	12651	0.530	0.490	8.2	15406	0.048	0.044	9.1
10101	0.181	0.166	9.0	12707	0.640	0.650	-1.5	15538	0.017	0.017	0.0
10107	0.280	0.229	22.3	12797	0.196	0.169	16.0	15600	0.099	0.095	4.2
10111	0.078	0.083	-6.0	12805	0.129	0.118	9.3	15608	0.011	0.011	0.0
10115	0.078	0.075	4.0	13049	0.057	0.054	5.6	15733	0.037	0.038	-2.6
10140	0.021	0.021	0.0	13111	0.093	0.097	-4.1	15839	0.030	0.028	7.1
10141	0.023	0.024	-4.2	13112	0.063	0.069	-8.7	15991	0.081	0.078	3.8
10145	0.010	0.010	0.0	13201	0.160	0.167	-4.2	15993	0.055	0.053	3.8
10146	0.015	0.015	0.0	13204	1.450	1.400	3.6	16005	0.034	0.034	0.0
10255	0.147	0.131	12.2	13205	0.460	0.430	7.0	16009	0.094	0.079	19.0
10256	0.152	0.147	3.4	13314	0.016	0.017	-5.9	16403	0.184	0.140	31.4
10257	0.169	0.167	1.2	13351	0.048	0.038	26.3	16527	0.350	0.360	-2.8
10309	0.018	0.018	0.0	13352	0.051	0.050	2.0	16604	0.146	0.147	-0.7
10352	0.070	0.070	0.0	13410	2.990	2.440	22.5	16676	0.014	0.014	0.0
11020	0.199	0.187	6.4	13412	1.140	1.010	12.9	16705	0.148	0.152	-2.6
11039	0.078	0.073	6.8	13506	0.081	0.079	2.5	16750	0.032	0.031	3.2
11126	0.022	0.020	10.0	13507	0.184	0.191	-3.7	16900	0.133	0.117	13.7
11127	0.010	0.009	11.1	13590	0.740	0.740	0.0	16901	0.156	0.144	8.3
11128	0.086	0.079	8.9	13621	0.320	0.360	-11.1	16902	0.066	0.066	0.0
11203	0.520	0.540	-3.7	13670	0.015	0.013	15.4	16905	0.133	0.117	13.7
11204	1.690	1.670	1.2	13673	0.016	0.013	23.1	16906	0.156	0.144	8.3
11234	0.062	0.061	1.6	13715	0.165	0.154	7.1	16910	0.071	0.067	6.0
11248	0.018	0.019	-5.3	13716	0.123	0.122	0.8	16911	0.073	0.067	9.0
11258	0.270	0.270	0.0	13720	0.059	0.058	1.7	16915	0.060	0.057	5.3

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STATE: 36 - OREGON

SUBLINE: PRODUCTS/COMPLETED OPERATIONS

LOSS COST % CHANGE BY CLASS

CLASS	PROPOSED OCCURR	PRESENT OCCURR	% CHG	CLASS	PROPOSED OCCURR	PRESENT OCCURR	% CHG	CLASS	PROPOSED OCCURR	PRESENT OCCURR	% CHG
16916	0.074	0.070	5.7	51116	0.690	0.570	21.1	51666	0.101	0.103	-1.9
16920	0.128	0.115	11.3	51205	0.071	0.083	-14.5	51734	0.310	0.310	0.0
16921	0.050	0.052	-3.8	51206	0.390	0.450	-13.3	51741	0.260	0.250	4.0
16930	0.216	0.173	24.9	51220	2.280	2.580	-11.6	51752	0.165	0.159	3.8
16931	0.090	0.072	25.0	51221	1.780	1.940	-8.2	51767	0.008	0.009	-11.1
16940	0.050	0.052	-3.8	51222	3.670	3.120	17.6	51777	0.078	0.076	2.6
16941	0.115	0.114	0.9	51224	1.450	1.330	9.0	51808	0.730	0.730	0.0
18078	0.132	0.146	-9.6	51230	0.790	0.790	0.0	51809	0.153	0.158	-3.2
18109	0.036	0.035	2.9	51240	0.185	0.182	1.6	51833	0.060	0.072	-16.7
18110	0.042	0.037	13.5	51241	0.260	0.300	-13.3	51869	0.136	0.140	-2.9
18205	0.350	0.310	12.9	51252	0.100	0.101	-1.0	51877	0.212	0.220	-3.6
18206	0.121	0.101	19.8	51254	0.039	0.045	-13.3	51889	0.012	0.014	-14.3
18335	0.017	0.017	0.0	51300	0.160	0.173	-7.5	51896	0.018	0.020	-10.0
18435	0.067	0.057	17.5	51305	0.960	1.030	-6.8	51900	0.095	0.093	2.2
18436	0.183	0.193	-5.2	51315	0.106	0.106	0.0	51909	0.056	0.057	-1.8
18501	0.015	0.015	0.0	51330	0.530	0.430	23.3 U	51926	0.038	0.040	-5.0
18506	0.006	0.006	0.0	51333	0.340	0.310	9.7	51927	0.131	0.115	13.9
18507	0.009	0.009	0.0	51350	0.135	0.142	-4.9	51934	0.125	0.142	-12.0
18616	0.590	0.540	9.3	51351	0.042	0.045	-6.7	51941	0.041	0.039	5.1
18707	0.004	0.003	33.3 N	51352	0.108	0.114	-5.3	51956	0.221	0.246	-10.2
18708	0.020	0.015	33.3 U	51355	0.094	0.096	-2.1	51957	0.420	0.400	5.0
18834	0.126	0.124	1.6	51356	0.620	0.690	-10.1	51958	0.410	0.390	5.1
18911	0.019	0.018	5.6	51357	0.660	0.530	24.5 U	51960	0.350	0.360	-2.8
18912	0.037	0.034	8.8	51358	0.141	0.149	-5.4	51970	0.238	0.250	-4.8
18920	0.020	0.019	5.3	51359	0.780	0.840	-7.1	51982	0.083	0.085	-2.4
45771	0.164	0.176	-6.8	51370	4.570	5.000	-8.6	51986	0.103	0.107	-3.7
45819	0.052	0.049	6.1	51380	0.044	0.050	-12.0	51999	0.440	0.460	-4.3
45900	0.052	0.059	-11.9	51500	0.119	0.109	9.2	52002	0.129	0.118	9.3
45901	0.049	0.047	4.3	51550	0.390	0.360	8.3	52075	0.243	0.250	-2.8
49239	0.600	0.650	-7.7	51551	0.910	0.920	-1.1	52134	0.630	0.700	-10.0
49617	0.260	0.215	20.9	51552	0.159	0.159	0.0	52315	0.260	0.240	8.3
49618	0.082	0.067	22.4	51575	0.020	0.020	0.0	52433	1.020	1.200	-15.0
49619	0.123	0.111	10.8	51576	0.093	0.075	24.0 U	52469	0.104	0.109	-4.6
50010	0.490	0.580	-15.5	51600	0.191	0.198	-3.5	52505	0.216	0.203	6.4
51001	0.450	0.460	-2.2	51613	0.139	0.138	0.7	52547	0.078	0.088	-11.4

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STATE: 36 - OREGON

SUBLINE: PRODUCTS/COMPLETED OPERATIONS

LOSS COST % CHANGE BY CLASS

CLASS	PROPOSED OCCURR	PRESENT OCCURR	% CHG	CLASS	PROPOSED OCCURR	PRESENT OCCURR	% CHG	CLASS	PROPOSED OCCURR	PRESENT OCCURR	% CHG
52581	2.950	3.680	-19.8 L	56391	0.320	0.320	0.0	58397	0.740	0.830	-10.8
52744	0.081	0.094	-13.8	56427	0.125	0.125	0.0	58503	0.076	0.061	24.6 U
52911	0.450	0.520	-13.5	56488	0.034	0.034	0.0	58575	0.120	0.123	-2.4
52967	0.062	0.064	-3.1	56690	0.350	0.360	-2.8	58627	0.013	0.016	-18.8
53001	0.330	0.330	0.0	56699	0.057	0.051	11.8	58663	1.280	1.590	-19.5 L
53077	0.207	0.197	5.1	56758	0.148	0.155	-4.5	58737	0.630	0.740	-14.9
53121	0.440	0.460	-4.3	56759	0.080	0.093	-14.0	58802	0.480	0.450	6.7
53333	0.239	0.213	12.2	56760	0.098	0.106	-7.5	58837	0.162	0.165	-1.8
53374	0.310	0.380	-18.4	56912	0.090	0.084	7.1	58840	0.127	0.111	14.4
53375	0.223	0.250	-10.8	56916	0.205	0.187	9.6	58873	0.030	0.030	0.0
53376	0.194	0.187	3.7	57001	0.029	0.022	31.8	58904	0.128	0.131	-2.3
53377	0.195	0.211	-7.6	57002	0.106	0.110	-3.6	58922	0.168	0.187	-10.2
53565	0.108	0.124	-12.9	57090	0.660	0.630	4.8	59005	0.096	0.096	0.0
53631	0.022	0.022	0.0	57146	0.720	0.670	7.5	59188	0.055	0.056	-1.8
53632	0.034	0.035	-2.9	57257	0.035	0.036	-2.8	59189	0.300	0.300	0.0
53732	0.450	0.460	-2.2	57401	0.096	0.098	-2.0	59223	0.088	0.077	14.3
53733	0.270	0.260	3.8	57403	0.035	0.036	-2.8	59257	0.013	0.015	-13.3
53907	0.103	0.111	-7.2	57410	0.162	0.130	24.6 U	59378	0.150	0.152	-1.3
54077	0.400	0.370	8.1	57572	0.108	0.094	14.9	59481	0.099	0.088	12.5
55010	1.080	1.100	-1.8	57600	0.034	0.033	3.0	59537	0.210	0.168	25.0 U
55011	1.570	1.260	24.6 U	57611	0.062	0.064	-3.1	59601	2.370	2.310	2.6
55012	1.180	1.170	0.9	57651	0.041	0.043	-4.7	59647	0.170	0.176	-3.4
55013	1.140	0.990	15.2	57690	0.490	0.510	-3.9	59660	1.180	1.140	3.5
55214	0.088	0.089	-1.1	57716	0.082	0.087	-5.7	59701	0.290	0.244	18.9
55371	0.119	0.130	-8.5	57725	0.088	0.091	-3.3	59713	0.310	0.330	-6.1
55597	1.790	1.780	0.6	57726	0.021	0.019	10.5	59722	0.031	0.032	-3.1
55647	0.062	0.056	10.7	57810	0.107	0.109	-1.8	59723	0.037	0.038	-2.6
55715	0.224	0.234	-4.3	57871	0.118	0.116	1.7	59724	0.019	0.022	-13.6
55716	0.520	0.520	0.0	57913	0.290	0.310	-6.5	59725	0.116	0.104	11.5
55802	0.009	0.009	0.0	57998	0.058	0.059	-1.7	59726	0.024	0.024	0.0
55918	2.740	3.190	-14.1	57999	0.071	0.071	0.0	59738	0.064	0.066	-3.0
55919	3.650	3.640	0.3	58095	1.990	1.830	8.7	59750	0.222	0.240	-7.5
56040	0.033	0.040	-17.5	58096	1.230	1.040	18.3	59773	0.028	0.028	0.0
56202	0.089	0.100	-11.0	58301	0.088	0.082	7.3	59774	0.150	0.152	-1.3
56390	0.640	0.630	1.6	58302	0.055	0.055	0.0	59775	0.188	0.189	-0.5

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SUBLINE: PRODUCTS/COMPLETED OPERATIONS

LOSS COST % CHANGE BY CLASS

CLASS	PROPOSED OCCURR	PRESENT OCCURR	% CHG	CLASS	PROPOSED OCCURR	PRESENT OCCURR	% CHG	CLASS	PROPOSED OCCURR	PRESENT OCCURR	% CHG
59781	0.068	0.076	-10.5	91341	6.480	5.390	20.2	96409	14.400	14.500	-0.7
59782	0.460	0.490	-6.1	91342	4.720	4.590	2.8	96410	12.100	10.800	12.0
59798	0.500	0.460	8.7	91343	1.820	1.540	18.2	96611	2.000	1.930	3.6
59886	0.108	0.112	-3.6	91436	2.980	2.660	12.0	97221	1.300	1.100	18.2
59889	0.165	0.153	7.8	91507	4.500	4.290	4.9	97222	2.200	2.360	-6.8
59904	0.061	0.066	-7.6	91551	0.870	0.720	20.8	97223	5.160	4.020	28.4
59905	0.132	0.130	1.5	91555	1.240	1.160	6.9	97447	6.740	5.310	26.9
59914	0.680	0.620	9.7	91560	5.510	5.490	0.4	97650	5.080	4.550	11.6
59915	0.750	0.780	-3.8	91577	4.150	3.390	22.4	97651	5.010	4.620	8.4
59917	0.205	0.165	24.2	91746	5.690	4.800	18.5	97652	5.250	4.710	11.5
59923	0.004	0.005	-20.0	92053	0.670	0.590	13.6	97653	3.880	3.350	15.8
59925	1.190	1.090	9.2	92054	0.247	0.260	-5.0	97654	3.640	3.330	9.3
59926	0.450	0.420	7.1	92055	0.270	0.280	-3.6	97655	6.760	5.890	14.8
59927	1.420	1.560	-9.0	92101	3.920	3.290	19.1	98002	1.240	1.170	6.0
59931	0.550	0.590	-6.8	92102	4.600	3.570	28.9	98152	0.840	0.620	35.5 U
59932	0.880	0.930	-5.4	92215	4.180	3.970	5.3	98157	0.510	0.450	13.3
59947	0.320	0.330	-3.0	92338	2.820	2.180	29.4	98163	0.241	0.260	-7.3
59955	0.143	0.147	-2.7	92446	2.170	2.130	1.9	98164	0.078	0.086	-9.3
59963	0.410	0.450	-8.9	92447	2.080	1.860	11.8	98303	9.340	9.760	-4.3
59964	0.069	0.061	13.1	92451	2.630	2.300	14.3	98304	4.470	4.160	7.5
59970	0.183	0.182	0.5	92478	2.160	2.100	2.9	98305	2.370	1.910	24.1
59975	0.227	0.243	-6.6	94007	7.410	6.750	9.8	98306	1.150	1.080	6.5
59984	0.053	0.055	-3.6	94276	6.020	5.570	8.1	98307	0.620	0.630	-1.6
59988	0.059	0.060	-1.7	94381	18.000	16.700	7.8	98308	1.310	0.970	35.1 U
59989	0.044	0.045	-2.2	94404	6.400	6.490	-1.4	98309	2.870	3.020	-5.0
91111	7.680	7.250	5.9	94569	4.880	4.060	20.2	98344	0.850	0.700	21.4
91125	2.660	2.940	-9.5	95124	0.850	0.670	26.9	98449	34.100	29.500	15.6
91127	1.590	1.650	-3.6	95310	1.390	1.750	-20.6	98482	9.360	8.380	11.7
91150	7.340	6.380	15.0	95410	3.650	3.520	3.7	98483	26.500	22.900	15.7
91155	54.900	44.800	22.5	95455	1.650	1.780	-7.3	98502	5.240	4.670	12.2
91235	3.790	3.390	11.8	95505	2.900	2.440	18.9	98636	4.250	4.290	-0.9
91265	3.440	3.820	-9.9	95625	4.860	3.990	21.8	98659	0.440	0.480	-8.3
91266	1.260	0.980	28.6	95647	6.800	5.630	20.8	98677	13.500	12.500	8.0
91280	3.930	2.960	32.8	96053	6.250	5.490	13.8	98678	21.500	18.300	17.5
91340	12.600	12.100	4.1	96408	17.100	13.500	26.7	98805	1.670	1.420	17.6

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LOSS COST % CHANGE BY CLASS

CLASS	PROPOSED OCCURR	PRESENT OCCURR	% CHG	CLASS	PROPOSED OCCURR	PRESENT OCCURR	% CHG	CLASS	PROPOSED OCCURR	PRESENT OCCURR	% CHG
98806	4.250	3.710	14.6								
98813	2.390	2.730	-12.5								
98820	4.590	4.300	6.7								
98884	2.590	2.020	28.2								
98914	0.660	0.710	-7.0								
98949	0.390	0.420	-7.1								
98967	14.500	10.700	35.5 U								
98993	5.110	5.800	-11.9								
99003	2.030	1.840	10.3								
99004	2.210	2.090	5.7								
99080	10.600	11.100	-4.5								
99163	0.530	0.580	-8.6								
99315	2.700	2.000	35.0								
99321	3.140	3.040	3.3								
99613	2.850	2.660	7.1								
99650	1.250	1.080	15.7								
99746	3.910	3.430	14.0								
99803	14.200	12.100	17.4								
99826	0.690	0.570	21.1								
99827	0.630	0.640	-1.6								
99946	3.430	3.530	-2.8								
99948	34.400	33.300	3.3								
99952	25.500	24.300	4.9								
99953	15.200	12.800	18.7								
99954	13.800	13.900	-0.7								
99955	9.280	10.500	-11.6								
99969	3.930	3.480	12.9								

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SECTION B
EXPLANATORY MATERIAL
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METHODOLOGY OVERVIEW
OVERVIEW OF ISO ACTUARIAL PROCEDURES - GENERAL LIABILITY

INTRODUCTION

General Liability advisory prospective loss costs are determined by evaluating the adequacy of the current ISO loss costs to pay for our best estimate of losses and all loss adjustment expenses that will be incurred in the prospective (or future) period. This evaluation is done separately for Owners, Landlords, and Tenants; Manufacturers and Contractors; Products; and Local Products/Completed Operations Liability.

STEP 1:
DETERMINATION
OF INDICATED
LOSS COST
LEVEL CHANGES

The first step in this process is the determination of the statewide loss cost level indication for Owners, Landlords and Tenants and for Manufacturers and Contractors. A multistate loss cost level indication is determined for Products and for Local Products/Completed Operations. This loss cost indication represents the percentage change that on average must be made to the current ISO loss costs in order to achieve adequacy for the prospective conditions. The percentage changes are presented in Section C - Calculation of Indications.

STEP 2:
DISTRIBUTION OF
BASIC LIMIT LOSS
COST LEVEL
INDICATION

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

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

METHODOLOGY OVERVIEW
OVERVIEW OF ISO ACTUARIAL PROCEDURES - GENERAL LIABILITY

STEP 3:
APPLICATION OF
PERCENTAGE
CHANGES

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

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

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

METHODOLOGY OVERVIEW
OVERVIEW OF ISO ACTUARIAL PROCEDURES - GENERAL LIABILITY

STEP 1 - DETERMINATION OF INDICATED LOSS COST LEVEL CHANGE

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

METHODOLOGY OVERVIEW
OVERVIEW OF ISO ACTUARIAL PROCEDURES - GENERAL LIABILITY

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

INCURRED
LOSSES
& LAE

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

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

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

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

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

EXPERIENCE
RATIO

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

EXPECTED
EXPERIENCE
RATIO

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

METHODOLOGY OVERVIEW
OVERVIEW OF ISO ACTUARIAL PROCEDURES - GENERAL LIABILITY

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

CREDIBILITY	For Premises/Operations, credibility is based upon the number of occurrences for all years in the experience period. Products/Completed Operations data is assumed to be fully credible. The procedure for assigning credibility is outlined in Credibility Standards in this section.
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CREDIBILITY- WEIGHTED EXPERIENCE RATIO	For Premises/Operations, the weighted experience ratio is credibility-weighted with the expected experience ratio defined above. The resulting credibility-weighted experience ratio, converted to a percentage, is the indicated change to the current monoline-multiline loss cost level.
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METHODOLOGY OVERVIEW
OVERVIEW OF ISO ACTUARIAL PROCEDURES - GENERAL LIABILITY

STEP 2 - DISTRIBUTION OF BASIC LIMIT LOSS COST LEVEL INDICATION

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

METHODOLOGY OVERVIEW
OVERVIEW OF ISO ACTUARIAL PROCEDURES - GENERAL LIABILITY

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

PRODUCTS(Cont'd)

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

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

LOCAL PRODUCTS/
COMPLETED
OPERATIONS

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

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

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

EXPLANATORY NOTES TO DETERMINATION OF INDICATED
LOSS COST LEVEL CHANGE

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

The loss cost level indication is based upon a review of the latest three years of basic limit experience of companies reporting to Insurance Services Office, Inc. For Premises/Operations, data for accident years ending June 30, 2017, 2018 and 2019 are weighted 20%, 30% and 50% respectively. For Products/Completed Operations, multistate data for accident years ending December 31, 2016, 2017 and 2018 are weighted 20%, 30% and 50% respectively.

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

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

EXPLANATORY NOTES TO RELATIVE CHANGE ANALYSIS

OBJECTIVES

The objectives of this procedure are to:

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

EXPERIENCE BASE

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

SIMULTANEOUS DETERMINATION OF RATING VARIABLE RELATIVE CHANGES

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

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

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

RATING VARIABLES USED

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

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

EXPLANATORY NOTES TO RELATIVE CHANGE ANALYSIS

ITERATIVE PROCEDURE

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

For Owners, Landlords and Tenants:

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

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

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

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

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

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

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

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

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

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

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

n is the number of class groups in the analysis;

p is the number of territories in the analysis;

EXPLANATORY NOTES TO RELATIVE CHANGE ANALYSIS

ITERATIVE PROCEDURE (Cont'd)

For Manufacturers and Contractors, and Products:

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

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

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

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

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

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

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

and j^{th} class group;

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

n is the number of class groups in the analysis;

EXPLANATORY NOTES TO RELATIVE CHANGE ANALYSIS

ITERATIVE PROCEDURE (Cont'd)

For Local Products/Completed Operations:

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

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

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

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

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

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

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

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

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

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

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

n is the number of class groups in the analysis;

p is the number of states in the analysis;

EXPLANATORY NOTES TO RELATIVE CHANGE ANALYSIS

ITERATIVE PROCEDURE (Cont'd)

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

APPLICATION OF CREDIBILITY

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

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

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

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

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

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

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

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

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

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

W is the credibility-weighted relative change.

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

EXPLANATORY NOTES TO RELATIVE CHANGE ANALYSIS

MULTILINE CONSIDERATIONS

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

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

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

MONOLINE INDICATIONS -- PREMISES/ OPERATIONS

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

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

Territory applies to Owners, Landlords and Tenants only.

MONOLINE INDICATIONS -- PRODUCTS

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

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

EXPLANATORY NOTES TO RELATIVE CHANGE ANALYSIS

MONOLINE INDICATIONS -- LOCAL PRODUCTS/ COMPLETED OPERATIONS

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

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

EXPLANATORY NOTES TO
IMPLICIT PACKAGE MODIFICATION FACTORS

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

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

EXPLANATION OF EXPOSURE DEVELOPMENT

IMPORTANCE OF APPLICATION

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

APPLICATION OF EXPOSURE DEVELOPMENT FACTORS

The earned exposures underlying the Premises/Operations statewide loss cost level indications are evaluated as of September 30, 2019. Products/Completed Operations data is evaluated as of March 31, 2019.

For example, the accident year ending December 31, 2018 includes all exposures earned during the period from January 1, 2018 through December 31, 2018.

The immature experience reported as of 15 and 27 months for accident years ending 6/30/2019 and 6/30/2018 must be adjusted to an ultimate exposure development basis. This adjustment is accomplished through the use of an exposure development factor. Exposures are assumed to be mature at 39 months. Exposure development factors are based on experience evaluated as of September 30, 2019 for Premises/ Operations and March 31, 2019 for Products/Completed Operations.

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

EXPLANATION OF EXPOSURE DEVELOPMENT

APPLICATION OF EXPOSURE DEVELOPMENT FACTORS (Cont'd)

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

EXPLANATION OF LOSS DEVELOPMENT

IMPORTANCE OF APPLICATION

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

APPLICATION OF LOSS DEVELOPMENT FACTORS

The incurred losses and allocated loss adjustment expenses underlying the Premises/Operations statewide loss cost level indications were evaluated as of September 30, 2019. Products/Completed Operations data is evaluated as of March 31, 2019.

For example, the accident year ending December 31, 2018 includes all losses and allocated loss adjustment expenses paid on accidents occurring from January 1, 2018 through December 31, 2018 and all losses and loss adjustment expenses outstanding on those policies as of March 31, 2019, 15 months after the inception of the accident year.

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

INCREMENTAL ALAE PERCENTAGES

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

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

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

EXPLANATION OF ALLOCATED LOSS ADJUSTMENT EXPENSE (ALAE) DEVELOPMENT

DESCRIPTION OF METHODOLOGY

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

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

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

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

APPLICATION

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

These calculations are shown in Section E - Loss Development.

EXPLANATION OF ALLOCATED LOSS ADJUSTMENT EXPENSE (ALAE) DEVELOPMENT

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

EXPLANATION OF MODIFIED BONDY METHOD

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

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

* Calculated using the Modified Bondy Procedure.

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

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

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

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

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

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

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

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

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

UNALLOCATED LOSS ADJUSTMENT FACTOR METHODOLOGY

BACKGROUND	Allocated loss adjustment expense is reported on a unit transaction basis with the loss records and is thus included with indemnity loss data. Since the prospective loss costs include all loss adjustment expenses, we must load for unallocated loss adjustment expense.
IMPORTANCE OF APPLICATION	The unallocated loss adjustment expense factor is necessary to account for loss adjustment expenses which cannot be allocated to a particular claim.
METHODOLOGY FOR LIABILITY COVERAGES	<p>Calculation of the unallocated loss adjustment expense factor is based on multistate data for ISO member and subscriber companies (see Multistate review of ULAE Experience in Sections E, F, and G). The adjustment is calculated by using unallocated expenses as a percent of losses and allocated expenses.</p> <p>Starting with the 2011 review, experience for CMP Liability has been included with the data used to select the ULAE factor.</p> <p>For this review the factor is 1.085.</p>

EXPLANATION OF TREND CALCULATION

EXPOSURE TREND

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

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

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

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

SEVERITY TREND

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

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

SEVERITY
TREND
(Cont'd)

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

FREQUENCY
TREND

The historical occurrence frequency data are displayed in the Trend Data exhibits in Sections E, F, and G. For Premises/Operations, these pages display the frequency data for CGL only for accident years ending 6/30/2006 - 6/30/2019. For Products/Completed Operations, these pages display the frequency data for CGL only for accident years ending 12/31/2005 - 12/31/2018. The Premises/Operations experience includes occurrences arising from fringe coverages. In this review, multistate number of occurrences contained in the frequency trend exhibits are based on paid amounts developed to ultimate using paid development factors.

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

CREDIBILITY STANDARDS

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

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

The rule for Owners, Landlords and Tenants is:

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

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

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

For Manufacturers and Contractors:

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

For Owners, Landlords and Tenants:

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

For Products:

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

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

CREDIBILITY STANDARDS

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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| • Local Products/Completed Operations | C-5 |

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

(1)	(2)	(3)	(4)	(5)	(6)
ACCIDENT YEAR ENDING	AGGREGATE LOSS COSTS AT CURRENT LEVEL (A)	\$100,000 BASIC LIMIT INCURRED LOSSES (B)	YEAR WEIGHTS	EXPERIENCE RATIO	NUMBER OF INCURRED OCCURRENCES
06/30/2017	\$10,672,474	\$10,363,721	0.20	0.971	403
06/30/2018	11,347,936	13,370,365	0.30	1.178	406
06/30/2019	12,085,246	15,834,634	0.50	1.310	371

(7)	WEIGHTED EXPERIENCE RATIO	1.203
(8)	EXPECTED EXPERIENCE RATIO (SEE FOOTNOTE C)	1.034
(9)	CREDIBILITY BASED ON LATEST THREE YEARS NUMBER OF INCURRED OCCURRENCES (SEE SECTION B - CREDIBILITY STANDARDS)	0.43
(10)	CREDIBILITY-WEIGHTED EXPERIENCE RATIO {(7) X (9)} + {(8) X {1.0 -(9)}}	1.107
(11)	INDICATED MONOLINE-MULTILINE LOSS COST LEVEL CHANGE {(10)-1} X 100%	+ 10.7 %
(12)	STATEWIDE INDICATED MONOLINE CHANGE (SEE SECTION D - BASIC LIMIT RELATIVE CHANGE ANALYSIS)	+ 7.8 %
(13)	STATEWIDE SELECTED MONOLINE CHANGE	+ 5.0 %

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

(B) INCLUDING ALL LOSS ADJUSTMENT EXPENSES AND DEVELOPED TO AN ULTIMATE BASIS. IN ADDITION, ACCIDENT YEAR LOSSES HAVE BEEN TRENDED FROM THE AVERAGE DATE OF COVERAGE TO ONE YEAR BEYOND AN ASSUMED EFFECTIVE DATE OF 12/01/2020. FOR DETAILS, SEE SECTION E - CALCULATION OF INCURRED LOSSES.

(C) THE EXPECTED EXPERIENCE RATIO IS THE NET TREND (1.034). THE NET TREND IS THE ANNUAL NET TREND FACTOR (1.034) TO AN EXPONENT (1.000), THE PERIOD FROM ONE YEAR BEYOND THE LAST REVIEW OR EFFECTIVE DATE (12/01/2020) TO ONE YEAR BEYOND THE ASSUMED EFFECTIVE DATE (12/01/2021).

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

(1)	(2)	(3)	(4)	(5)	(6)
ACCIDENT YEAR ENDING	AGGREGATE LOSS COSTS AT CURRENT LEVEL (A)	\$100,000 BASIC LIMIT INCURRED LOSSES (B)	YEAR WEIGHTS	EXPERIENCE RATIO	NUMBER OF INCURRED OCCURRENCES
06/30/2017	\$10,986,677	\$12,267,433	0.20	1.117	586
06/30/2018	11,552,001	12,038,359	0.30	1.042	509
06/30/2019	11,763,558	14,987,965	0.50	1.274	509

(7)	WEIGHTED EXPERIENCE RATIO	1.173
(8)	EXPECTED EXPERIENCE RATIO (SEE FOOTNOTE C)	1.033
(9)	CREDIBILITY BASED ON LATEST THREE YEARS NUMBER OF INCURRED OCCURRENCES (SEE SECTION B - CREDIBILITY STANDARDS)	0.52
(10)	CREDIBILITY-WEIGHTED EXPERIENCE RATIO { (7) X (9) } + { (8) X {1.0 - (9)} }	1.106
(11)	INDICATED MONOLINE-MULTILINE LOSS COST LEVEL CHANGE { (10) - 1 } X 100%	+ 10.6 %
(12)	STATEWIDE INDICATED MONOLINE CHANGE (SEE SECTION D - BASIC LIMIT RELATIVE CHANGE ANALYSIS)	+ 8.6 %
(13)	STATEWIDE SELECTED MONOLINE CHANGE	+ 8.6 %
(14)	STATEWIDE ADJUSTED MONOLINE CHANGE@	+ 7.5 %

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

(B) INCLUDING ALL LOSS ADJUSTMENT EXPENSES AND DEVELOPED TO AN ULTIMATE BASIS. IN ADDITION, ACCIDENT YEAR LOSSES HAVE BEEN TRENDED FROM THE AVERAGE DATE OF COVERAGE TO ONE YEAR BEYOND AN ASSUMED EFFECTIVE DATE OF 12/01/2020. FOR DETAILS, SEE SECTION E - CALCULATION OF INCURRED LOSSES.

(C) THE EXPECTED EXPERIENCE RATIO IS THE NET TREND (1.033). THE NET TREND IS THE ANNUAL NET TREND FACTOR (1.033) TO AN EXPONENT (1.000), THE PERIOD FROM ONE YEAR BEYOND THE LAST REVIEW OR EFFECTIVE DATE (12/01/2020) TO ONE YEAR BEYOND THE ASSUMED EFFECTIVE DATE (12/01/2021).

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

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
12/31/2016	\$101,545,304	\$116,523,158	0.20	1.147	1,959
12/31/2017	105,720,327	115,874,882	0.30	1.096	1,826
12/31/2018	107,600,597	104,719,629	0.50	0.973	1,695
(7)	WEIGHTED EXPERIENCE RATIO				1.045
(8)	INDICATED MULTISTATE MONOLINE-MULTILINE LOSS COST LEVEL CHANGE { (7)-1.00 }X 100%				+ 4.5 %
(9)	INDICATED MULTISTATE MONOLINE CHANGE (SEE SECTION D - BASIC LIMIT RELATIVE CHANGE ANALYSIS)				- 0.1 %
(10)	INDICATED STATEWIDE MONOLINE CHANGE (SEE FOOTNOTE C)				- 1.6 %
(11)	SELECTED STATEWIDE MONOLINE CHANGE				- 1.6 %
(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 07/01/2020.				
(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)	(2)	(3)	(4)	(5)	(6)
ACCIDENT YEAR ENDING	MULTISTATE AGGREGATE LOSS COSTS AT CURRENT LEVEL (A)	MULTISTATE \$100,000 BASIC LIMIT INCURRED LOSSES (B)	YEAR WEIGHTS	EXPERIENCE RATIO	NUMBER OF INCURRED OCCURRENCES
12/31/2016	\$285,063,359	\$337,794,306	0.20	1.185	6,228
12/31/2017	297,507,215	323,082,763	0.30	1.086	5,614
12/31/2018	305,260,757	332,169,074	0.50	1.088	5,528

(7)	WEIGHTED EXPERIENCE RATIO.....	1.107
(8)	INDICATED MULTISTATE MONOLINE-MULTILINE LOSS COST LEVEL CHANGE { (7) - 1.00 } x 100%.....	+ 10.7 %
(9)	INDICATED MULTISTATE MONOLINE CHANGE (SEE SECTION D - BASIC LIMIT RELATIVE CHANGE ANALYSIS).....	+ 9.0 %
(10)	INDICATED STATEWIDE MONOLINE CHANGE (C) (SEE SECTION D - BASIC LIMIT RELATIVE CHANGE ANALYSIS).....	+ 12.7 %
(11)	SELECTED STATEWIDE MONOLINE CHANGE.....	+ 12.7 %

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

(B) INCLUDING ALL LOSS ADJUSTMENT EXPENSE AND DEVELOPED TO AN ULTIMATE BASIS. IN ADDITION, ACCIDENT YEAR LOSSES HAVE BEEN TRENDING FROM THE AVERAGE DATE OF COVERAGE TO ONE YEAR BEYOND AN ASSUMED EFFECTIVE DATE OF 07/01/2020.

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

SECTION D

RELATIVE CHANGE ANALYSIS

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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 1.107 OR + 10.7%			
TOP								
10	0.862	0.186	0.973	0.974				
33	2.494	0.035	1.032	1.034				
34	0.988	0.073	0.999	1.001				
35	1.475	0.021	1.008	1.010				
36	0.961	0.114	0.995	0.997				
37	0.812	0.098	0.980	0.981				
38	1.207	0.202	1.039	1.040				
					(5) INDICATED MONOLINE CHANGE	(6) SELECTED MONOLINE CHANGE		
CLASS GROUP								
30	1.559	0.087	1.039	1.037	+ 11.9%	+ 9.0%		
31	1.004	0.153	1.001	0.999	+ 7.7%	+ 4.9%		
32	1.083	0.205	1.016	1.015	+ 9.4%	+ 6.6%		
33	0.519	0.066	0.958	0.956	+ 3.1%	+ 0.4%		
34	0.942	0.102	0.994	0.992	+ 7.0%	+ 4.2%		
35	1.866	0.040	1.025	1.023	+ 10.4%	+ 7.5%		
36	1.202	0.077	1.014	1.012	+ 9.2%	+ 6.4%		
37	0.174	0.040	0.932	0.931	+ 0.4%	- 2.2%		
38	0.872	0.091	0.988	0.986	+ 6.3%	+ 3.5%		
					OVERALL MONOLINE INDICATION + 7.8%	+ 5.0%		
					-----	-----		

* 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. 06/30/2019 AGGREGATE LOSS COSTS AT CURRENT LEVEL	(2) FISCAL A.Y.E. 2015 - 2019 AGG LOSS COST CURRENT LEVEL	(3) FIVE YEAR EXPERIENCE RATIO	(4) RELATIV.	(5) NUMBER OF OCCURRENCES	(6) BAL CELL RELATIV.
10 MONOLINE	30 SERVICE	\$240,021	\$933,640	1.347	1.212	23	1.011
	31 LIGHT CONTRACTING	648,076	2,415,458	0.782	0.704	133	0.973
	32 MEDIUM CONTRCTING	2,295,315	9,980,095	1.055	0.950	319	0.988
	33 HEAVY CONTRACTING	456,092	2,147,804	0.726	0.653	29	0.931
	34 DEALER OR DISTRIB	255,194	1,076,650	1.201	1.081	31	0.966
	35 LGT. MANUFACTURER	59,456	620,781	0.414	0.372	8	0.997
	36 MED. MANUFACTURER	234,455	1,089,720	1.177	1.060	33	0.986
	37 HVY. MANUFACTURER	334,322	1,394,553	0.113	0.101	4	0.907
	38 MISC. OPERATION	324,754	1,578,895	0.905	0.814	48	0.960
	TOTAL *	\$4,847,685	\$21,237,596	0.933		628	
33 MULT OFFICE	31 LIGHT CONTRACTING	\$5,691	\$90,670	0.196	0.176	2	1.033
	32 MEDIUM CONTRCTING	2,268	10,121	0.000	0.000	0	1.049
	33 HEAVY CONTRACTING	81,919	312,645	0.651	0.586	7	0.988
	38 MISC. OPERATION	105,037	482,735	3.234	2.911	14	1.019
	TOTAL *	\$194,915	\$896,171	2.022		23	
34 MULT MERCANTILE	30 SERVICE	\$37,297	\$144,122	2.515	2.264	12	1.038
	32 MEDIUM CONTRCTING	28,897	123,318	0.594	0.535	11	1.015
	34 DEALER OR DISTRIB	444,559	1,912,272	1.045	0.940	62	0.993
	36 MED. MANUFACTURER	14,328	76,953	0.000	0.000	0	1.013
	38 MISC. OPERATION	49,691	177,588	0.981	0.883	11	0.986
	TOTAL *	\$574,772	\$2,434,253	1.086		96	
35 MULT INSTITUT.	31 LIGHT CONTRACTING	\$461	\$5,014	13.433	12.089	2	1.008
	32 MEDIUM CONTRCTING	19,204	119,341	1.491	1.342	6	1.024
	TOTAL *	\$19,665	\$124,355	1.771		8	
36 MULT SERVICES	30 SERVICE	\$21,760	\$104,103	3.053	2.747	13	1.034
	31 LIGHT CONTRACTING	92,811	686,551	1.135	1.021	42	0.996
	32 MEDIUM CONTRCTING	82,086	344,853	1.899	1.709	10	1.011
	33 HEAVY CONTRACTING	9,377	61,370	2.996	2.696	3	0.953
	34 DEALER OR DISTRIB	491,390	1,796,122	0.845	0.761	90	0.989
	36 MED. MANUFACTURER	11,220	46,767	0.789	0.710	2	1.009
	38 MISC. OPERATION	239,405	1,006,273	0.780	0.702	74	0.983
	TOTAL *	\$948,049	\$4,046,039	1.020		234	

OREGON
MANUFACTURERS AND CONTRACTORS
BASIC LIMIT RELATIVE CHANGE ANALYSIS

SUMMARY OF EXPERIENCE USED IN RELATIVE CHANGE ANALYSIS

		(1) FISCAL A.Y.E. 06/30/2019 AGGREGATE LOSS COSTS AT CURRENT LEVEL	(2) FISCAL A.Y.E. 2015 - 2019 AGG LOSS COST CURRENT LEVEL	(3) FIVE YEAR EXPERIENCE RATIO	(4) RELATIV.	(5) NUMBER OF OCCURRENCES	(6) BAL CELL RELATIV.
TYPE OF POLICY	CLASS GROUP						
37 MULT INDUST/PROC.	31 LIGHT CONTRACTING	\$568	\$2,568	0.000	0.000	0	0.980
	32 MEDIUM CONTRCTING	553,360	2,776,023	0.773	0.696	46	0.996
	33 HEAVY CONTRACTING	19,993	109,265	0.122	0.110	2	0.938
	34 DEALER OR DISTRIB	24,674	127,087	0.739	0.665	5	0.973
	35 LGT. MANUFACTURER	189,478	872,422	2.115	1.904	21	1.004
	36 MED. MANUFACTURER	537,954	2,528,573	1.118	1.007	73	0.993
	37 HVY. MANUFACTURER	390,462	1,936,613	0.203	0.182	25	0.913
	38 MISC. OPERATION	9,917	35,908	1.277	1.149	3	0.967
	TOTAL *	\$1,726,406	\$8,388,459	0.894		175	
38 MULT CONTRACTORS	30 SERVICE	\$477,173	\$2,232,012	2.038	1.834	90	1.079
	31 LIGHT CONTRACTING	707,974	3,105,672	1.516	1.364	244	1.039
	32 MEDIUM CONTRCTING	2,070,401	9,281,530	1.470	1.323	365	1.055
	33 HEAVY CONTRACTING	461,560	2,132,498	0.576	0.518	39	0.994
	38 MISC. OPERATION	69,963	220,590	0.041	0.037	1	1.025
	TOTAL *	\$3,787,071	\$16,972,302	1.415		739	
TOTAL ALL TOP	30 SERVICE	\$776,251	\$3,413,877	1.876		138	
	31 LIGHT CONTRACTING	1,455,581	6,305,933	1.163		423	
	32 MEDIUM CONTRCTING	5,051,531	22,635,281	1.207		757	
	33 HEAVY CONTRACTING	1,028,941	4,763,582	0.662		80	
	34 DEALER OR DISTRIB	1,215,817	4,912,131	0.991		188	
	35 LGT. MANUFACTURER	248,934	1,493,203	1.709		29	
	36 MED. MANUFACTURER	797,957	3,742,013	1.111		108	
	37 HVY. MANUFACTURER	724,784	3,331,166	0.161		29	
	38 MISC. OPERATION	798,767	3,501,989	1.107		151	
	TOTAL *	\$12,098,563	\$54,099,175	1.111		1,903	

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

OREGON
OWNERS, LANDLORDS AND TENANTS
BASIC LIMIT RELATIVE CHANGE ANALYSIS

	(1) BAILEY FORMULA RELATIV.	(2) CREDIBILITY Z	(3) Z-WTD RELATIV.	(4) BALANCED RELATIV.	STATEWIDE COVERAGE IND. OF 1.106 OR + 10.6%	
TOP						
10	0.899	0.198	0.979	0.981		
31	0.859	0.105	0.984	0.986		
32	1.571	0.084	1.039	1.041		
33	1.245	0.149	1.033	1.035		
34	0.943	0.190	0.989	0.991		
35	0.716	0.117	0.962	0.964		
36	1.128	0.113	1.014	1.016		
					(5) INDICATED MONOLINE CHANGE	(6) SELECTED MONOLINE CHANGE
CLASS GROUP						
01	1.024	0.065	1.002	1.005	+ 10.0%	+ 10.0%
02	1.120	0.158	1.018	1.022	+ 11.1%	+ 11.1%
03	0.638	0.083	0.963	0.967	+ 5.8%	+ 5.8%
04	0.734	0.026	0.992	0.996	+ 8.2%	+ 8.2%
05	0.714	0.035	0.988	0.992	+ 6.7%	+ 6.7%
06	1.066	0.080	1.005	1.009	+ 10.0%	+ 10.0%
07	1.197	0.106	1.019	1.023	+ 12.6%	+ 12.6%
08	1.492	0.034	1.014	1.018	+ 11.5%	+ 11.5%
09	1.288	0.137	1.035	1.039	+ 14.2%	+ 14.2%
10	1.442	0.117	1.044	1.048	+ 14.2%	+ 14.2%
11	0.831	0.094	0.983	0.987	+ 6.5%	+ 6.5%
12	0.786	0.201	0.953	0.956	+ 3.4%	+ 3.4%
13	1.025	0.056	1.001	1.005	+ 9.6%	+ 9.6%
16	0.266	0.010	0.987	0.991	+ 3.7%	+ 3.7%
					OVERALL MONOLINE INDICATION + 8.6%	+ 8.6%

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

OREGON
OWNERS, LANDLORDS AND TENANTS
BASIC LIMIT RELATIVE CHANGE ANALYSIS

	(1)	(2)	(3)	(4)	(5)	(6)
	BAILEY					
TERRITORY	FORMULA	CREDIBILITY	Z-WTD	BALANCED	INDICATED	SELECTED
	RELATIV.	Z	RELATIV.	RELATIV.	MONOLINE CHG.	MONOLINE CHG.
501	0.842	0.198	0.967	0.964	+ 3.5%	+ 3.5%
502	1.085	0.321	1.027	1.024	+ 11.3%	+ 11.3%

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

OREGON
OWNERS, LANDLORDS AND TENANTS
BASIC LIMIT RELATIVE CHANGE ANALYSIS

SUMMARY OF EXPERIENCE USED IN RELATIVE CHANGE ANALYSIS

TERRITORY 501

TYPE OF POLICY	CLASS GROUP	(1) FISCAL A.Y.E. 06/30/2019 AGGREGATE LOSS COSTS AT CURRENT LEVEL	(2) FISCAL A.Y.E. 2015 - 2019 AGG LOSS COST CURRENT LEVEL	(3) FIVE YEAR EXPERIENCE RATIO	(4) RELATIV.	(5) NUMBER OF OCCURRENCES	(6) BAL CELL RELATIV.
10 MONOLINE	01 FOOD&BEV. (RETAIL)	\$31,254	\$72,696	0.869	0.793	8	0.951
	02 RESTAURANTS	151,381	485,529	0.725	0.662	17	0.967
	03 STORES	32,016	110,276	0.058	0.053	2	0.915
	04 VENDING & RENTAL	6,199	36,111	0.328	0.299	2	0.942
	05 FOOD & BEV. DIST.	55,866	188,029	1.051	0.959	5	0.939
	06 NON-FOOD&BEV.DIST	28,888	137,806	0.402	0.367	8	0.955
	07 CLUBS, AMSMT&SPRTS	86,724	298,763	1.857	1.695	18	0.968
	08 HEALTH CARE FACIL	1,387	6,889	0.000	0.000	0	0.963
	09 HOTELS AND MOTELS	136,279	763,824	0.357	0.326	27	0.983
	10 SCHLS & CHURCHES	72,091	335,793	2.199	2.007	17	0.991
	11 APARTMENTS	362,720	1,104,087	0.485	0.443	27	0.933
	12 BUILDINGS&OFFICES	483,058	2,526,310	0.409	0.374	71	0.905
	13 MISC. PREMISES	17,439	166,638	0.035	0.032	2	0.951
	TOTAL *	\$1,465,302	\$6,232,751	0.651		204	
31 MULT MOTEL/HOTEL	09 HOTELS AND MOTELS	\$134,374	\$780,311	0.520	0.475	38	0.988
	TOTAL *	\$134,374	\$780,311	0.520		38	
32 MULT APARTMENT	11 APARTMENTS	\$197,580	\$936,326	1.587	1.448	47	0.990
	12 BUILDINGS&OFFICES	96,525	301,695	0.144	0.131	3	0.960
	TOTAL *	\$294,105	\$1,238,021	1.113		50	
33 MULT OFFICE	12 BUILDINGS&OFFICES	\$871,764	\$4,036,671	1.053	0.961	155	0.955
	13 MISC. PREMISES	5,668	34,157	0.000	0.000	0	1.004
	TOTAL *	\$877,432	\$4,070,828	1.047		155	
34 MULT MERCANTILE	01 FOOD&BEV. (RETAIL)	\$57,650	\$416,013	1.225	1.118	10	0.961
	02 RESTAURANTS	544,126	2,437,422	0.953	0.869	124	0.976
	03 STORES	127,748	566,731	0.882	0.805	22	0.924
	04 VENDING & RENTAL	1,884	22,883	0.000	0.000	0	0.951
	05 FOOD & BEV. DIST.	19,672	81,149	0.124	0.113	3	0.948
	06 NON-FOOD&BEV.DIST	67,454	376,476	1.245	1.136	20	0.964
	12 BUILDINGS&OFFICES	120,903	634,263	0.490	0.447	14	0.914
	TOTAL *	\$939,437	\$4,534,937	0.902		193	

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OWNERS, LANDLORDS AND TENANTS
BASIC LIMIT RELATIVE CHANGE ANALYSIS

SUMMARY OF EXPERIENCE USED IN RELATIVE CHANGE ANALYSIS

TERRITORY	501		(1) FISCAL A.Y.E. 06/30/2019 AGGREGATE LOSS COSTS AT CURRENT LEVEL	(2) FISCAL A.Y.E. 2015 - 2019 AGG LOSS COST CURRENT LEVEL	(3) FIVE YEAR EXPERIENCE RATIO	(4) RELATIV.	(5) NUMBER OF OCCURRENCES	(6) BAL CELL RELATIV.
TYPE OF POLICY	CLASS GROUP							
35 MULT INSTITUT.	07 CLUBS, AMSMT&SPRTS		\$1,365	\$5,205	1.315	1.200	2	0.951
	08 HEALTH CARE FACIL		20,336	100,906	0.509	0.464	3	0.946
	10 SCHLS & CHURCHES		101,558	517,164	0.735	0.671	25	0.974
	12 BUILDINGS&OFFICES		1,388	7,008	0.242	0.221	0	0.889
	16 GOVT SUBDIVISIONS		32,876	204,775	0.176	0.161	2	0.920
	TOTAL *		\$157,523	\$835,058	0.590		32	
36 MULT SERVICES	03 STORES		\$14,551	\$89,131	1.742	1.589	6	0.947
	04 VENDING & RENTAL		11,884	39,215	0.674	0.615	1	0.975
	07 CLUBS, AMSMT&SPRTS		81,499	445,735	1.962	1.790	11	1.002
	08 HEALTH CARE FACIL		40	384	0.000	0.000	0	0.997
	09 HOTELS AND MOTELS		25,682	80,948	3.345	3.053	7	1.018
	10 SCHLS & CHURCHES		3,752	21,774	0.169	0.154	0	1.026
	12 BUILDINGS&OFFICES		42,711	206,119	2.111	1.927	9	0.937
	13 MISC. PREMISES		55,029	251,924	0.641	0.585	4	0.985
	TOTAL *		\$235,148	\$1,135,230	1.723		38	
TOTAL ALL	TOP	01 FOOD&BEV. (RETAIL)	\$88,904	\$488,709	1.100		18	
		02 RESTAURANTS	695,507	2,922,951	0.903		141	
		03 STORES	174,315	766,138	0.803		30	
		04 VENDING & RENTAL	19,967	98,209	0.503		3	
		05 FOOD & BEV. DIST.	75,538	269,178	0.810		8	
		06 NON-FOOD&BEV.DIST	96,342	514,282	0.992		28	
		07 CLUBS, AMSMT&SPRTS	169,588	749,703	1.903		31	
		08 HEALTH CARE FACIL	21,763	108,179	0.476		3	
		09 HOTELS AND MOTELS	296,335	1,625,083	0.690		72	
		10 SCHLS & CHURCHES	177,401	874,731	1.318		42	
		11 APARTMENTS	560,300	2,040,413	0.874		74	
		12 BUILDINGS&OFFICES	1,616,349	7,712,066	0.792		252	
		13 MISC. PREMISES	78,136	452,719	0.459		6	
		16 GOVT SUBDIVISIONS	32,876	204,775	0.176		2	
		TOTAL *	\$4,103,321	\$18,827,136	0.881		710	

* 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) FISCAL A.Y.E. 06/30/2019 AGGREGATE LOSS COSTS AT CURRENT LEVEL	(2) FISCAL A.Y.E. 2015 - 2019 AGG LOSS COST CURRENT LEVEL	(3) FIVE YEAR EXPERIENCE RATIO	(4) RELATIV.	(5) NUMBER OF OCCURRENCES	(6) BAL CELL RELATIV.
10 MONOLINE	01 FOOD&BEV. (RETAIL)	\$64,874	\$273,714	1.669	1.523	15	1.010
	02 RESTAURANTS	137,420	526,352	1.341	1.224	36	1.027
	03 STORES	137,229	510,538	0.553	0.505	24	0.972
	04 VENDING & RENTAL	11,537	49,544	1.576	1.438	6	1.001
	05 FOOD & BEV. DIST.	25,014	98,089	0.236	0.215	3	0.997
	06 NON-FOOD&BEV.DIST	77,729	383,225	1.563	1.426	72	1.014
	07 CLUBS, AMSMT&SPRTS	241,002	1,190,682	1.299	1.185	77	1.028
	08 HEALTH CARE FACIL	8,381	39,653	3.274	2.988	2	1.023
	09 HOTELS AND MOTELS	336,964	1,229,968	1.839	1.678	71	1.044
	10 SCHLS & CHURCHES	106,983	440,656	1.176	1.073	39	1.053
	11 APARTMENTS	291,403	1,267,515	0.613	0.560	29	0.991
	12 BUILDINGS&OFFICES	486,474	2,612,037	1.079	0.984	118	0.961
	13 MISC. PREMISES	55,896	473,051	0.277	0.253	12	1.010
	TOTAL *	\$1,980,906	\$9,095,024	1.171		504	
31 MULT MOTEL/HOTEL	09 HOTELS AND MOTELS	\$646,149	\$3,011,795	1.420	1.296	162	1.050
	TOTAL *	\$646,149	\$3,011,795	1.420		162	
32 MULT APARTMENT	11 APARTMENTS	\$274,764	\$1,333,412	1.842	1.681	59	1.052
	12 BUILDINGS&OFFICES	77,556	312,472	0.715	0.653	21	1.020
	TOTAL *	\$352,320	\$1,645,884	1.594		80	
33 MULT OFFICE	12 BUILDINGS&OFFICES	\$1,133,958	\$5,652,632	1.067	0.974	246	1.014
	13 MISC. PREMISES	10,901	54,246	0.172	0.157	1	1.066
	TOTAL *	\$1,144,859	\$5,706,878	1.059		247	
34 MULT MERCANTILE	01 FOOD&BEV. (RETAIL)	\$191,962	\$791,292	0.852	0.777	44	1.020
	02 RESTAURANTS	1,039,503	4,394,609	1.277	1.166	273	1.037
	03 STORES	280,749	1,307,210	0.655	0.598	59	0.982
	04 VENDING & RENTAL	2,670	12,655	0.000	0.000	0	1.011
	05 FOOD & BEV. DIST.	39,528	183,149	0.733	0.669	12	1.007
	06 NON-FOOD&BEV.DIST	126,198	640,382	0.876	0.799	16	1.024
	12 BUILDINGS&OFFICES	203,194	1,027,409	1.178	1.075	58	0.971
	13 MISC. PREMISES	47	287	0.000	0.000	0	1.020
	TOTAL *	\$1,883,851	\$8,356,993	1.090		462	

OREGON
OWNERS, LANDLORDS AND TENANTS
BASIC LIMIT RELATIVE CHANGE ANALYSIS

SUMMARY OF EXPERIENCE USED IN RELATIVE CHANGE ANALYSIS

TERRITORY 502

		(1) FISCAL A.Y.E. 06/30/2019 AGGREGATE LOSS COSTS AT CURRENT LEVEL	(2) FISCAL A.Y.E. 2015 - 2019 AGG LOSS COST CURRENT LEVEL	(3) FIVE YEAR EXPERIENCE RATIO	(4) RELATIV.	(5) NUMBER OF OCCURRENCES	(6) BAL CELL RELATIV.
TYPE OF POLICY	CLASS GROUP						
35 MULT INSTITUT.	07 CLUBS, AMSMT&SPRTS	\$216,870	\$940,373	1.164	1.062	30	1.010
	08 HEALTH CARE FACIL	59,047	378,538	1.255	1.145	16	1.004
	10 SCHLS & CHURCHES	254,398	1,313,208	1.229	1.122	166	1.034
	12 BUILDINGS&OFFICES	3,481	19,118	0.911	0.832	5	0.944
	TOTAL *	\$533,796	\$2,651,237	1.204		217	
36 MULT SERVICES	03 STORES	\$91,791	\$406,927	0.775	0.707	14	1.006
	04 VENDING & RENTAL	17,848	83,548	0.822	0.750	4	1.036
	07 CLUBS, AMSMT&SPRTS	462,169	1,804,538	1.239	1.130	68	1.065
	08 HEALTH CARE FACIL	824	3,062	0.000	0.000	0	1.059
	09 HOTELS AND MOTELS	400,008	1,440,370	1.454	1.326	37	1.081
	10 SCHLS & CHURCHES	3,127	12,415	0.000	0.000	0	1.090
	12 BUILDINGS&OFFICES	45,297	246,054	1.981	1.808	31	0.995
	13 MISC. PREMISES	102,007	522,890	2.403	2.193	38	1.046
	TOTAL *	\$1,123,071	\$4,519,804	1.402		192	
TOTAL ALL TOP	01 FOOD&BEV. (RETAIL)	\$256,836	\$1,065,006	1.058		59	
	02 RESTAURANTS	1,176,923	4,920,961	1.285		309	
	03 STORES	509,769	2,224,675	0.649		97	
	04 VENDING & RENTAL	32,055	145,747	1.025		10	
	05 FOOD & BEV. DIST.	64,542	281,238	0.541		15	
	06 NON-FOOD&BEV.DIST	203,927	1,023,607	1.138		88	
	07 CLUBS, AMSMT&SPRTS	920,041	3,935,593	1.237		175	
	08 HEALTH CARE FACIL	68,252	421,253	1.488		18	
	09 HOTELS AND MOTELS	1,383,121	5,682,133	1.532		270	
	10 SCHLS & CHURCHES	364,508	1,766,279	1.203		205	
	11 APARTMENTS	566,167	2,600,927	1.209		88	
	12 BUILDINGS&OFFICES	1,949,960	9,869,722	1.089		479	
	13 MISC. PREMISES	168,851	1,050,474	1.555		51	
	TOTAL *	\$7,664,952	\$34,987,615	1.211		1,864	

* 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. 06/30/2019 AGGREGATE LOSS COSTS AT CURRENT LEVEL	(2) FISCAL A.Y.E. 2015 - 2019 AGG LOSS COST CURRENT LEVEL	(3) FIVE YEAR EXPERIENCE RATIO	(4) RELATIV.	(5) NUMBER OF OCCURRENCES	(6) BAL CELL RELATIV.
TYPE OF POLICY	CLASS GROUP						
10 MONOLINE	01 FOOD&BEV. (RETAIL)	\$96,128	\$346,410	1.409		23	
	02 RESTAURANTS	288,801	1,011,881	1.018		53	
	03 STORES	169,245	620,814	0.459		26	
	04 VENDING & RENTAL	17,736	85,655	1.140		8	
	05 FOOD & BEV. DIST.	80,880	286,118	0.799		8	
	06 NON-FOOD&BEV.DIST	106,617	521,031	1.249		80	
	07 CLUBS, AMSMT&SPRTS	327,726	1,489,445	1.447		95	
	08 HEALTH CARE FACIL	9,768	46,542	2.809		2	
	09 HOTELS AND MOTELS	473,243	1,993,792	1.412		98	
	10 SCHLS & CHURCHES	179,074	776,449	1.588		56	
	11 APARTMENTS	654,123	2,371,602	0.542		56	
	12 BUILDINGS&OFFICES	969,532	5,138,347	0.745		189	
	13 MISC. PREMISES	73,335	639,689	0.220		14	
	TOTAL *	\$3,446,208	\$15,327,775	0.950		708	
31 MULT MOTEL/HOTEL	09 HOTELS AND MOTELS	\$780,523	\$3,792,106	1.265		200	
	TOTAL *	\$780,523	\$3,792,106	1.265		200	
32 MULT APARTMENT	11 APARTMENTS	\$472,344	\$2,269,738	1.735		106	
	12 BUILDINGS&OFFICES	174,081	614,167	0.399		24	
	TOTAL *	\$646,425	\$2,883,905	1.375		130	
33 MULT OFFICE	12 BUILDINGS&OFFICES	\$2,005,722	\$9,689,303	1.061		401	
	13 MISC. PREMISES	16,569	88,403	0.113		1	
	TOTAL *	\$2,022,291	\$9,777,706	1.053		402	
34 MULT MERCANTILE	01 FOOD&BEV. (RETAIL)	\$249,612	\$1,207,305	0.938		54	
	02 RESTAURANTS	1,583,629	6,832,031	1.166		397	
	03 STORES	408,497	1,873,941	0.726		81	
	04 VENDING & RENTAL	4,554	35,538	0.000		0	
	05 FOOD & BEV. DIST.	59,200	264,298	0.531		15	
	06 NON-FOOD&BEV.DIST	193,652	1,016,858	1.004		36	
	12 BUILDINGS&OFFICES	324,097	1,661,672	0.921		72	
	13 MISC. PREMISES	47	287	0.000		0	
	TOTAL *	\$2,823,288	\$12,891,930	1.028		655	

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. 06/30/2019 AGGREGATE LOSS COSTS AT CURRENT LEVEL	(2) FISCAL A.Y.E. 2015 - 2019 AGG LOSS COST CURRENT LEVEL	(3) FIVE YEAR EXPERIENCE RATIO	(4) RELATIV.	(5) NUMBER OF OCCURRENCES	(6) BAL CELL RELATIV.
TYPE OF POLICY	CLASS GROUP						
35 MULT INSTITUT.	07 CLUBS, AMSMT&SPRTS	\$218,235	\$945,578	1.165		32	
	08 HEALTH CARE FACIL	79,383	479,444	1.064		19	
	10 SCHLS & CHURCHES	355,956	1,830,372	1.088		191	
	12 BUILDINGS&OFFICES	4,869	26,126	0.721		5	
	16 GOVT SUBDIVISIONS	32,876	204,775	0.176		2	
	TOTAL *	\$691,319	\$3,486,295	1.064		249	
36 MULT SERVICES	03 STORES	\$106,342	\$496,058	0.907		20	
	04 VENDING & RENTAL	29,732	122,763	0.763		5	
	07 CLUBS, AMSMT&SPRTS	543,668	2,250,273	1.347		79	
	08 HEALTH CARE FACIL	864	3,446	0.000		0	
	09 HOTELS AND MOTELS	425,690	1,521,318	1.568		44	
	10 SCHLS & CHURCHES	6,879	34,189	0.092		0	
	12 BUILDINGS&OFFICES	88,008	452,173	2.044		40	
	13 MISC. PREMISES	157,036	774,814	1.786		42	
	TOTAL *	\$1,358,219	\$5,655,034	1.458		230	
TOTAL ALL	TOP						
	01 FOOD&BEV. (RETAIL)	\$345,740	\$1,553,715	1.069		77	
	02 RESTAURANTS	1,872,430	7,843,912	1.143		450	
	03 STORES	684,084	2,990,813	0.688		127	
	04 VENDING & RENTAL	52,022	243,956	0.825		13	
	05 FOOD & BEV. DIST.	140,080	550,416	0.686		23	
	06 NON-FOOD&BEV.DIST	300,269	1,537,889	1.091		116	
	07 CLUBS, AMSMT&SPRTS	1,089,629	4,685,296	1.341		206	
	08 HEALTH CARE FACIL	90,015	529,432	1.243		21	
	09 HOTELS AND MOTELS	1,679,456	7,307,216	1.383		342	
	10 SCHLS & CHURCHES	541,909	2,641,010	1.241		247	
	11 APARTMENTS	1,126,467	4,641,340	1.042		162	
	12 BUILDINGS&OFFICES	3,566,309	17,581,788	0.954		731	
	13 MISC. PREMISES	246,987	1,503,193	1.208		57	
	16 GOVT SUBDIVISIONS	32,876	204,775	0.176		2	
	TOTAL *	\$11,768,273	\$53,814,751	1.096		2,574	

* 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 1.045 OR + 4.5%				
TOP									
10	0.881	0.317	0.961	0.956					
34	0.979	0.343	0.993	0.987					
36	1.029	0.185	1.005	1.000					
37	1.086	0.477	1.040	1.035					
CLASS GROUP					(5) INDICATED MULTISTATE MONOLINE CHANGE	(6) INDICATED STATEWIDE MONOLINE CHANGE#*	(7) SELECTED STATEWIDE MONOLINE CHANGE		
3	0.867	0.446	0.938	0.942	- 5.9%	- 9.2%	- 9.2%		
4	1.109	0.383	1.040	1.044	+ 4.3%	+ 4.5%	+ 4.5%		
5	1.079	0.130	1.010	1.014	+ 1.2%	- 1.3%	- 1.3%		
6	0.977	0.310	0.993	0.996	- 0.5%	+ 0.3%	+ 0.3%		
7	0.998	0.143	1.000	1.003	+ 0.2%	- 2.0%	- 2.0%		
			OVERALL MONOLINE INDICATION		- 0.1%	- 1.6%	- 1.6%		
			-----		-----	-----	-----		

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

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

MULTISTATE
PRODUCTS
BASIC LIMIT RELATIVE CHANGE ANALYSIS

SUMMARY OF EXPERIENCE USED IN RELATIVE CHANGE ANALYSIS

		(1)	(2)	(3)	(4)	(5)	(6)
		CALENDAR A.Y.E. 12/31/2018 AGGREGATE LOSS COSTS AT CURRENT LEVEL	CALENDAR A.Y.E. 2014 - 2018 AGG LOSS COST CURRENT LEVEL	FIVE YEAR EXPERIENCE RATIO	RELATIV.	NUMBER OF OCCURRENCES	BAL CELL RELATIV.
TYPE OF POLICY	CLASS GROUP						
10 MONOLINE	03 MAN, DLR, DSTFD/DRG	\$8,093,332	\$39,443,822	0.784	0.712	920	0.900
	04 DLR, DST-NOTFD/DRG	7,050,350	31,300,283	1.139	1.034	465	0.998
	05 MAN.NTFD/DRG (LOW)	1,674,016	6,525,174	0.980	0.890	84	0.969
	06 MAN.NTFD/DRG (MED)	8,719,673	39,390,154	1.006	0.914	462	0.952
	07 MAN.NTFD/DRG (HGH)	2,487,754	10,123,703	0.821	0.745	82	0.959
	TOTAL *	\$28,025,125	\$126,783,136	0.957		2,013	
34 MULT MERCANTILE	03 MAN, DLR, DSTFD/DRG	\$4,331,883	\$21,396,487	1.047	0.951	564	0.930
	04 DLR, DST-NOTFD/DRG	25,139,034	121,279,202	1.176	1.068	1,794	1.031
	06 MAN.NTFD/DRG (MED)	3,108	19,331	0.000	0.000	0	0.984
	TOTAL *	\$29,474,025	\$142,695,020	1.157		2,358	
36 MULT SERVICES	04 DLR, DST-NOTFD/DRG	\$2,760,971	\$12,384,922	1.274	1.157	688	1.044
	06 MAN.NTFD/DRG (MED)	42,893	205,196	0.000	0.000	0	0.996
	TOTAL *	\$2,803,864	\$12,590,118	1.254		688	
37 MULT INDUST/PROC.	03 MAN, DLR, DSTFD/DRG	\$13,380,685	\$63,881,777	1.035	0.940	2,512	0.974
	05 MAN.NTFD/DRG (LOW)	3,488,504	18,393,950	1.322	1.200	254	1.048
	06 MAN.NTFD/DRG (MED)	24,557,849	115,549,330	1.149	1.043	1,462	1.031
	07 MAN.NTFD/DRG (HGH)	5,784,533	29,451,053	1.257	1.141	329	1.038
	TOTAL *	\$47,211,571	\$227,276,110	1.143		4,557	
TOTAL ALL TOP	03 MAN, DLR, DSTFD/DRG	\$25,805,900	\$124,722,086	0.959		3,996	
	04 DLR, DST-NOTFD/DRG	34,950,355	164,964,407	1.176		2,947	
	05 MAN.NTFD/DRG (LOW)	5,162,520	24,919,124	1.211		338	
	06 MAN.NTFD/DRG (MED)	33,323,523	155,164,011	1.110		1,924	
	07 MAN.NTFD/DRG (HGH)	8,272,287	39,574,756	1.126		411	
	TOTAL *	\$107,514,585	\$509,344,384	1.101		9,616	

* 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.	MULTISTATE COVERAGE IND. OF 1.107 OR + 10.7%		
TOP							
10	0.982	0.722	0.987	0.985			
34	0.956	0.510	0.977	0.975			
36	0.955	0.521	0.976	0.974			
37	1.094	0.137	1.012	1.010			
38	1.018	0.965	1.017	1.015			
CLASS GROUP					(5) INDICATED MULTISTATE MONOLINE CHANGE	(6) INDICATED STATEWIDE MONOLINE CHANGE#*	(7) SELECTED STATEWIDE MONOLINE CHANGE
1	0.924	0.511	0.960	0.958	+ 4.8%	+ 8.3%	+ 8.3%
2	1.075	0.497	1.037	1.033	+ 12.7%	+ 16.0%	+ 16.0%
11	1.085	0.347	1.029	1.025	+ 11.3%	+ 15.4%	+ 15.3%
12	1.008	1.000	1.008	1.005	+ 9.2%	+ 12.9%	+ 12.9%
13	0.835	0.264	0.954	0.951	+ 3.6%	+ 4.2%	+ 4.2%
			OVERALL MONOLINE INDICATION		+ 9.0%	+ 12.7%	+ 12.7%

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

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

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.
	2.014	0.233	1.177	1.179		
	1.233	0.389	1.085	1.086		
	1.171	0.453	1.074	1.075		
	1.178	0.356	1.060	1.061		
	1.074	0.618	1.045	1.046		
	1.180	0.253	1.043	1.044		
	1.179	0.212	1.035	1.037		
	1.272	0.136	1.033	1.035		
	1.328	0.112	1.032	1.033		
	1.218	0.158	1.032	1.033		
	1.090	0.361	1.032	1.033		
	1.178	0.187	1.031	1.032		
	1.136	0.234	1.030	1.032		
	1.120	0.256	1.029	1.031		
	1.071	0.429	1.030	1.031		
OREGON	1.080	0.366	1.029	1.030	12.7%	12.7%
	1.110	0.243	1.026	1.027		
	1.145	0.182	1.025	1.026		
	1.191	0.130	1.023	1.024		
	1.029	0.365	1.011	1.012		
	1.034	0.310	1.011	1.012		
	1.025	0.391	1.010	1.011		
	1.062	0.148	1.009	1.010		
	1.020	0.251	1.005	1.006		
	1.001	0.453	1.001	1.002		
	0.985	0.557	0.992	0.993		
	0.980	0.455	0.991	0.992		
	0.903	0.095	0.990	0.992		
	0.963	0.334	0.987	0.989		
	0.935	0.183	0.988	0.989		
	0.891	0.134	0.985	0.986		
	0.961	0.471	0.981	0.982		
	0.912	0.222	0.980	0.981		
	0.931	0.299	0.979	0.980		
	0.934	0.313	0.979	0.980		
	0.925	0.285	0.978	0.979		
	0.844	0.164	0.973	0.974		
	0.837	0.156	0.973	0.974		
	0.944	0.489	0.972	0.973		
	0.901	0.378	0.961	0.962		
	0.540	0.066	0.960	0.961		
	0.797	0.215	0.952	0.954		
	0.896	0.451	0.952	0.953		
	0.906	0.570	0.945	0.946		
	0.857	0.416	0.938	0.939		
	0.466	0.087	0.936	0.937		
	0.686	0.179	0.935	0.936		
	0.780	0.288	0.931	0.932		
	0.623	0.154	0.930	0.931		
	0.777	0.304	0.926	0.927		
	0.848	0.553	0.913	0.914		
	0.562	0.170	0.907	0.908		

* 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. 12/31/2018 AGGREGATE LOSS COSTS AT CURRENT LEVEL	CALENDAR A.Y.E. 2014 - 2018 AGG LOSS COST CURRENT LEVEL	FIVE YEAR EXPERIENCE RATIO	RELATIV.	NUMBER OF OCCURRENCES	BAL CELL RELATIV.
10 MONOLINE	01 RET.STRS-FOOD/DRG	\$15,099	\$52,376	3.157	2.761	6	0.971
	02 RET.STRS-NTFD/DRG	12,937	89,716	1.945	1.700	15	1.048
	11 COMP. OPS. (LOW)	89,955	444,917	0.784	0.685	15	1.040
	12 COMP. OPS. (MED)	2,204,777	10,014,408	0.914	0.799	141	1.019
	13 COMP. OPS. (HGH)	142,517	615,735	1.060	0.927	2	0.964
	TOTAL *	\$2,465,285	\$11,217,152	0.937		179	
34 MULT MERCANTILE	01 RET.STRS-FOOD/DRG	\$178,295	\$703,474	0.638	0.558	34	0.962
	02 RET.STRS-NTFD/DRG	116,159	445,366	1.756	1.536	20	1.038
	12 COMP. OPS. (MED)	47,310	187,886	0.669	0.585	4	1.009
	TOTAL *	\$341,764	\$1,336,726	1.022		58	
36 MULT SERVICES	01 RET.STRS-FOOD/DRG	\$15,088	\$53,957	0.516	0.452	5	0.961
	02 RET.STRS-NTFD/DRG	356,804	1,294,365	0.995	0.870	61	1.037
	11 COMP. OPS. (LOW)	40,547	192,665	0.165	0.145	1	1.029
	12 COMP. OPS. (MED)	144,223	574,750	1.207	1.055	12	1.008
	13 COMP. OPS. (HGH)	25,553	133,397	0.459	0.401	3	0.954
	TOTAL *	\$582,215	\$2,249,134	0.954		82	
37 MULT INDUST/PROC.	01 RET.STRS-FOOD/DRG	\$584	\$3,125	0.000	0.000	0	0.996
	11 COMP. OPS. (LOW)	1,654	8,097	14.423	12.613	1	1.067
	12 COMP. OPS. (MED)	78,452	383,983	1.713	1.498	4	1.045
	TOTAL *	\$80,690	\$395,205	1.961		5	
38 MULT CONTRACTORS	11 COMP. OPS. (LOW)	\$263,339	\$1,059,881	1.626	1.422	24	1.072
	12 COMP. OPS. (MED)	4,713,883	20,996,700	1.414	1.236	380	1.050
	13 COMP. OPS. (HGH)	242,236	1,249,650	1.390	1.216	12	0.994
	TOTAL *	\$5,219,458	\$23,306,231	1.423		416	
TOTAL ALL TOP	01 RET.STRS-FOOD/DRG	\$209,066	\$812,932	0.810		45	
	02 RET.STRS-NTFD/DRG	485,900	1,829,447	1.202		96	
	11 COMP. OPS. (LOW)	395,495	1,705,560	1.338		41	
	12 COMP. OPS. (MED)	7,188,645	32,157,727	1.255		541	
	13 COMP. OPS. (HGH)	410,306	1,998,782	1.218		17	
	TOTAL *	\$8,689,412	\$38,504,448	1.243		740	

* 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. 12/31/2018 AGGREGATE LOSS COSTS AT CURRENT LEVEL	CALENDAR A.Y.E. 2014 - 2018 AGG LOSS COST CURRENT LEVEL	FIVE YEAR EXPERIENCE RATIO	RELATIV.	NUMBER OF OCCURRENCES	BAL CELL RELATIV.
10 MONOLINE	01 RET.STRS-FOOD/DRG	\$2,151,747	\$9,207,997	0.954		570	
	02 RET.STRS-NTFD/DRG	2,295,068	11,448,808	1.305		473	
	11 COMP. OPS. (LOW)	3,892,639	18,163,511	1.628		651	
	12 COMP. OPS. (MED)	83,135,280	371,618,514	1.130		5,859	
	13 COMP. OPS. (HGH)	7,417,394	33,727,804	0.856		270	
	TOTAL *	\$98,892,128	\$444,166,634	1.129		7,823	
34 MULT MERCANTILE	01 RET.STRS-FOOD/DRG	\$7,378,051	\$34,825,684	1.019		3,165	
	02 RET.STRS-NTFD/DRG	4,658,506	21,948,411	1.063		619	
	12 COMP. OPS. (MED)	2,025,900	9,715,471	1.280		128	
	TOTAL *	\$14,062,457	\$66,489,566	1.071		3,912	
36 MULT SERVICES	01 RET.STRS-FOOD/DRG	\$731,256	\$3,413,076	1.191		192	
	02 RET.STRS-NTFD/DRG	11,447,132	45,559,628	1.208		2,628	
	11 COMP. OPS. (LOW)	3,038,264	13,955,703	1.001		463	
	12 COMP. OPS. (MED)	3,961,069	19,707,043	1.159		722	
	13 COMP. OPS. (HGH)	1,089,073	5,588,052	0.594		73	
	TOTAL *	\$20,266,794	\$88,223,502	1.134		4,078	
37 MULT INDUST/PROC.	01 RET.STRS-FOOD/DRG	\$9,836	\$70,552	0.697		1	
	11 COMP. OPS. (LOW)	114,352	544,481	0.929		18	
	12 COMP. OPS. (MED)	3,289,833	16,165,376	1.259		263	
	13 COMP. OPS. (HGH)	47,462	274,715	0.769		0	
	TOTAL *	\$3,461,483	\$17,055,124	1.240		282	
38 MULT CONTRACTORS	11 COMP. OPS. (LOW)	\$8,332,796	\$39,387,506	1.147		683	
	12 COMP. OPS. (MED)	145,126,584	693,295,478	1.168		12,596	
	13 COMP. OPS. (HGH)	13,781,272	64,521,309	1.051		709	
	TOTAL *	\$167,240,652	\$797,204,293	1.157		13,988	
TOTAL ALL TOP	01 RET.STRS-FOOD/DRG	\$10,270,890	\$47,517,309	1.017		3,928	
	02 RET.STRS-NTFD/DRG	18,400,706	78,956,847	1.183		3,720	
	11 COMP. OPS. (LOW)	15,378,051	72,051,201	1.239		1,815	
	12 COMP. OPS. (MED)	237,538,666	1,110,501,882	1.157		19,568	
	13 COMP. OPS. (HGH)	22,335,201	104,111,880	0.963		1,052	
	TOTAL *	\$303,923,514	\$1,413,139,119	1.144		30,083	

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

SECTION E
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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 BASIC LIMIT AGGREGATE LOSS COSTS AT CURRENT LEVEL -----	X	EXPOSURE DEVELOPMENT FACTOR+ -----	X	EXPOSURE TREND# -----	X	AVERAGE IPMF* -----	=	TRENDED \$100,000 BASIC LIMIT AGGREGATE LOSS COSTS AT CURRENT LEVEL -----
MONOLINE	06/30/2017	\$3,825,666		1.000		1.091				\$4,173,802
	06/30/2018	4,218,028		1.000		1.064				4,487,982
	06/30/2019	4,564,397		1.028		1.032				4,842,351
MULTILINE	06/30/2017	\$6,456,306		1.000		1.087		0.926		\$6,498,672
	06/30/2018	6,981,289		1.000		1.060		0.927		6,859,954
	06/30/2019	7,363,977		1.028		1.031		0.928		7,242,895
TOTAL	06/30/2017									\$10,672,474
	06/30/2018									11,347,936
	06/30/2019									12,085,246

+ 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 12/01/2020 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*	X	B/L INDEMNITY DEVELOPMENT FACTOR	X	UNALLOCATED LOSS ADJ FACTOR	X	SEVERITY TREND	X	FREQUENCY TREND	=	\$100,000 BASIC LIMIT DEVELOPED & TRENDED LOSS AND LAE
BI	B/L INDEMNITY	06/30/2017	\$1,738,044		1.093		1.085		1.242		1.000		\$2,559,955
		06/30/2018	1,393,729		1.669		1.085		1.188		1.000		2,998,340
		06/30/2019	1,194,995		2.411		1.085		1.137		1.000		3,554,295
BI	ALAE	06/30/2017	\$1,161,345				1.085		1.242		1.000		\$1,564,994
		06/30/2018	1,694,828				1.085		1.188		1.000		2,184,599
		06/30/2019	3,043,611				1.085		1.137		1.000		3,754,735
PD	B/L INDEMNITY	06/30/2017	\$1,922,356		1.074		1.085		1.242		1.000		\$2,782,207
		06/30/2018	2,841,459		1.147		1.085		1.188		1.000		4,200,984
		06/30/2019	3,007,876		1.218		1.085		1.137		1.000		4,519,573
PD	ALAE	06/30/2017	\$473,104				1.085		1.242		1.000		\$637,541
		06/30/2018	956,066				1.085		1.188		1.000		1,232,350
		06/30/2019	1,239,344				1.085		1.137		1.000		1,528,911
MED PAY#	B/L INDEMNITY	06/30/2017	\$52,178				1.085		1.242		1.000		\$70,314
		06/30/2018	77,441				1.085		1.188		1.000		99,820
		06/30/2019	64,309				1.085		1.137		1.000		79,335
FRINGE	B/L INDEMNITY	06/30/2017	\$99,638		1.086		1.085		1.000		1.000		\$117,404
		06/30/2018	273,249		1.199		1.085		1.000		1.000		355,474
		06/30/2019	165,877		1.581		1.085		1.000		1.000		284,543
FRINGE	ALAE	06/30/2017	\$99,561				1.085		1.000		1.000		\$108,024
		06/30/2018	244,416				1.085		1.000		1.000		265,191
		06/30/2019	256,135				1.085		1.000		1.000		277,906
	TOTAL FULL COVERAGE	06/30/2017											\$7,840,438
		06/30/2018											11,336,758
		06/30/2019											13,999,298

* 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 BASIC LIMIT LOSSES AND ALAE*	X	B/L INDEMNITY DEVELOPMENT FACTOR	X	UNALLOCATED LOSS ADJ FACTOR	X	SEVERITY TREND	X	FREQUENCY TREND	=	\$100,000 BASIC LIMIT DEVELOPED & TRENDED LOSS AND LAE
BI	B/L INDEMNITY	06/30/2017	\$687,145		1.148		1.085		1.242		1.000		\$1,063,020
		06/30/2018	213,423		1.506		1.085		1.188		1.000		414,298
		06/30/2019	144,037		2.405		1.085		1.137		1.000		427,346
BI	ALAE	06/30/2017	\$432,081				1.085		1.242		1.000		\$582,259
		06/30/2018	277,567				1.085		1.188		1.000		357,778
		06/30/2019	373,769				1.085		1.137		1.000		461,098
PD	B/L INDEMNITY	06/30/2017	\$530,610		1.032		1.085		1.242		1.000		\$737,915
		06/30/2018	714,707		1.072		1.085		1.188		1.000		987,573
		06/30/2019	491,185		1.171		1.085		1.137		1.000		709,565
PD	ALAE	06/30/2017	\$90,235				1.085		1.242		1.000		\$121,598
		06/30/2018	205,404				1.085		1.188		1.000		264,762
		06/30/2019	177,258				1.085		1.137		1.000		218,673
MED PAY#	B/L INDEMNITY	06/30/2017	\$13,721				1.085		1.242		1.000		\$18,490
		06/30/2018	7,135				1.085		1.188		1.000		9,197
		06/30/2019	15,120				1.085		1.137		1.000		18,653
	TOTAL DED COVERAGE	06/30/2017											\$2,523,283
		06/30/2018											2,033,607
		06/30/2019											1,835,335
	TOTAL	06/30/2017											\$10,363,721
		06/30/2018											13,370,365
		06/30/2019											15,834,634

* 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 BASIC LIMIT AGGREGATE LOSS COSTS AT CURRENT LEVEL -----	X	EXPOSURE DEVELOPMENT FACTOR+ -----	X	EXPOSURE TREND# -----	X	AVERAGE IPMF* -----	=	TRENDED \$100,000 BASIC LIMIT AGGREGATE LOSS COSTS AT CURRENT LEVEL -----
MONOLINE	06/30/2017	\$3,151,200		1.000		1.015				\$3,198,468
	06/30/2018	3,311,708		1.000		1.012				3,351,449
	06/30/2019	3,393,755		1.005		1.010				3,444,831
MULTILINE	06/30/2017	\$8,292,227		1.000		1.022		0.919		\$7,788,209
	06/30/2018	8,775,111		1.000		1.018		0.918		8,200,552
	06/30/2019	8,910,704		1.005		1.013		0.917		8,318,727
TOTAL	06/30/2017									\$10,986,677
	06/30/2018									11,552,001
	06/30/2019									11,763,558

+ 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 12/01/2020 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*	X	B/L INDEMNITY DEVELOPMENT FACTOR	X	UNALLOCATED LOSS ADJ FACTOR	X	SEVERITY TREND	X	FREQUENCY TREND	=	\$100,000 BASIC LIMIT DEVELOPED & TRENDED LOSS AND LAE
BI	B/L INDEMNITY	06/30/2017	\$4,729,984		1.013		1.085		1.213		0.976		\$6,154,737
		06/30/2018	3,819,577		1.172		1.085		1.166		0.981		5,555,718
		06/30/2019	3,721,488		1.590		1.085		1.121		0.985		7,089,006
BI	ALAE	06/30/2017	\$1,474,222				1.085		1.213		0.976		\$1,893,665
		06/30/2018	1,693,425				1.085		1.166		0.981		2,101,664
		06/30/2019	2,596,737				1.085		1.121		0.985		3,110,997
PD	B/L INDEMNITY	06/30/2017	\$730,530		1.046		1.085		1.271		0.976		\$1,028,478
		06/30/2018	730,281		1.117		1.085		1.211		0.981		1,051,444
		06/30/2019	981,634		1.233		1.085		1.153		0.985		1,491,447
PD	ALAE	06/30/2017	\$341,267				1.085		1.271		0.976		\$459,324
		06/30/2018	552,352				1.085		1.211		0.981		711,965
		06/30/2019	462,654				1.085		1.153		0.985		570,101
MED PAY#	B/L INDEMNITY	06/30/2017	\$673,878				1.085		1.213		0.976		\$865,609
		06/30/2018	485,146				1.085		1.166		0.981		602,102
		06/30/2019	629,231				1.085		1.121		0.985		753,844
FRINGE	B/L INDEMNITY	06/30/2017	\$298,905		1.043		1.085		1.050		0.976		\$346,646
		06/30/2018	155,312		1.276		1.085		1.040		0.981		219,375
		06/30/2019	113,384		1.665		1.085		1.029		0.985		207,610
FRINGE	ALAE	06/30/2017	\$761,259				1.085		1.050		0.976		\$846,450
		06/30/2018	776,807				1.085		1.040		0.981		859,895
		06/30/2019	288,944				1.085		1.029		0.985		317,757
	TOTAL FULL COVERAGE	06/30/2017											\$11,594,909
		06/30/2018											11,102,162
		06/30/2019											13,540,761

* 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 BASIC LIMIT LOSSES AND ALAE*	X	B/L INDEMNITY DEVELOPMENT FACTOR	X	UNALLOCATED LOSS ADJ FACTOR	X	SEVERITY TREND	X	FREQUENCY TREND	=	\$100,000 BASIC LIMIT DEVELOPED & TRENDED LOSS AND LAE
BI	B/L INDEMNITY	06/30/2017	\$296,964		1.040		1.085		1.213		0.976		\$396,714
		06/30/2018	414,352		1.251		1.085		1.166		0.981		643,316
		06/30/2019	373,013		1.737		1.085		1.121		0.985		776,239
BI	ALAE	06/30/2017	\$97,817				1.085		1.213		0.976		\$125,648
		06/30/2018	116,433				1.085		1.166		0.981		144,502
		06/30/2019	224,689				1.085		1.121		0.985		269,187
PD	B/L INDEMNITY	06/30/2017	\$72,448		1.194		1.085		1.271		0.976		\$116,428
		06/30/2018	49,958		1.225		1.085		1.211		0.981		78,883
		06/30/2019	180,434		1.350		1.085		1.153		0.985		300,156
PD	ALAE	06/30/2017	\$11,555				1.085		1.271		0.976		\$15,552
		06/30/2018	14,308				1.085		1.211		0.981		18,443
		06/30/2019	66,631				1.085		1.153		0.985		82,105
MED PAY#	B/L INDEMNITY	06/30/2017	\$14,155				1.085		1.213		0.976		\$18,182
		06/30/2018	41,137				1.085		1.166		0.981		51,054
		06/30/2019	16,290				1.085		1.121		0.985		19,516
	TOTAL DED COVERAGE	06/30/2017											\$672,524
		06/30/2018											936,197
		06/30/2019											1,447,203
	TOTAL	06/30/2017											\$12,267,433
		06/30/2018											12,038,359
		06/30/2019											14,987,965

* 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) <u>Credibility (c)</u>	(5) Weighted Ratio (d)	(6) Credibility Constant(Ki)
15 to 27 Months	1.026	1.029	0.7653	1.028	26,000,000
27 to 39 Months	1.001	1.000	0.5034	1.000	80,000,000
Accident Year Ending	Exposure Development From				
	<u>27:15</u>	<u>39:27</u>	<u>ULT:39</u>		<u>Factor</u>
6/30/2017			1.000		1.000
6/30/2018		1.000	1.000		1.000
6/30/2019	1.028	1.000	1.000		1.028

(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

PREMISES/OPERATIONS
OWNERS LANDLORDS AND TENANTS

FULL & DEDUCTIBLE COMBINED
TOTAL LIMITS PREMIUM

CALCULATION OF EXPOSURE DEVELOPMENT FACTORS

(1) Evaluation Period	(2) Multistate Ratio (a)	(3) State Ratio (b)	(4) <u>Credibility (c)</u>	(5) Weighted Ratio (d)	(6) Credibility Constant(Ki)
15 to 27 Months	1.004	1.007	0.4660	1.005	75,000,000
27 to 39 Months	1.000	0.999	0.2181	1.000	222,000,000
Accident Year Ending	<u>27:15</u>	Exposure Development From <u>39:27</u>	<u>ULT:39</u>		<u>Factor</u>
6/30/2017			1.000		1.000
6/30/2018		1.000	1.000		1.000
6/30/2019	1.005	1.000	1.000		1.005

(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	<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>
6/30/2012	20,225,977	20,748,596	20,050,025	20,047,889	20,048,615	20,048,470	20,048,470	20,048,470
6/30/2013	21,103,316	21,144,390	21,116,173	21,132,541	21,119,500	21,118,938	21,112,792	
6/30/2014	22,397,692	22,798,640	22,749,188	22,728,323	22,731,456	22,728,847		
6/30/2015	24,053,685	24,499,397	24,544,593	24,558,080	24,558,081			
6/30/2016	26,542,852	27,566,350	27,558,722	27,556,105				
6/30/2017	28,179,880	29,044,683	29,055,682					
6/30/2018	30,070,020	31,173,326						
6/30/2019	32,014,837							

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>
6/30/2012	1.026	0.966	1.000	1.000	1.000	1.000	1.000
6/30/2013	1.002	0.999	1.001	0.999	1.000	1.000	
6/30/2014	1.018	0.998	0.999	1.000	1.000		
6/30/2015	1.019	1.002	1.001	1.000			
6/30/2016	1.039	1.000	1.000				
6/30/2017	1.031	1.000					
6/30/2018	1.037						
6/30/2019							

Average Best 3 of 5

<u>27:15</u>	<u>39:27</u>
1.029	1.000

OREGON
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>
6/30/2012	17,094,137	17,241,788	17,132,641	17,133,332	17,133,423	17,133,423	17,133,423	17,133,425
6/30/2013	17,446,321	17,524,079	17,480,138	17,483,937	17,484,110	17,484,088	17,484,045	
6/30/2014	18,618,438	18,773,724	18,777,642	18,782,982	18,781,013	18,780,975		
6/30/2015	19,527,504	19,639,982	19,643,214	19,651,651	19,651,629			
6/30/2016	20,046,273	20,200,968	20,164,142	20,164,490				
6/30/2017	22,018,624	22,075,095	22,074,865					
6/30/2018	23,378,435	23,524,128						
6/30/2019	24,410,892							

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>
6/30/2012	1.009	0.994	1.000	1.000	1.000	1.000	1.000
6/30/2013	1.004	0.997	1.000	1.000	1.000	1.000	
6/30/2014	1.008	1.000	1.000	1.000	1.000		
6/30/2015	1.006	1.000	1.000	1.000			
6/30/2016	1.008	0.998	1.000				
6/30/2017	1.003	1.000					
6/30/2018	1.006						
6/30/2019							

Average Best 3 of 5

<u>27:15</u>	<u>39:27</u>
1.007	0.999

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>
6/30/2012	1,431,881,874	1,486,732,089	1,406,909,274	1,406,634,858	1,406,854,875	1,407,090,813	1,407,072,643	1,407,086,359
6/30/2013	1,479,103,068	1,465,979,221	1,467,864,691	1,468,923,067	1,468,990,272	1,469,008,918	1,468,899,617	
6/30/2014	1,521,066,626	1,569,181,782	1,572,502,561	1,573,176,061	1,573,367,945	1,573,176,888		
6/30/2015	1,603,604,030	1,646,733,499	1,646,755,193	1,646,986,523	1,646,774,319			
6/30/2016	1,608,801,269	1,650,330,526	1,646,454,838	1,646,639,427				
6/30/2017	1,657,549,629	1,697,607,069	1,699,785,737					
6/30/2018	1,727,251,552	1,763,080,169						
6/30/2019	1,814,205,861							

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>
6/30/2012	1.038	0.946	1.000	1.000	1.000	1.000	1.000
6/30/2013	0.991	1.001	1.001	1.000	1.000	1.000	
6/30/2014	1.032	1.002	1.000	1.000	1.000		
6/30/2015	1.027	1.000	1.000	1.000			
6/30/2016	1.026	0.998	1.000				
6/30/2017	1.024	1.001					
6/30/2018	1.021						
6/30/2019							

Average Best 3 of 5

<u>27:15</u>	<u>39:27</u>
1.026	1.001

MULTISTATE
OWNERS LANDLORDS AND TENANTS

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

Accident Year Ending	<u>15 Months</u>	<u>27 Months</u>	<u>39 Months</u>	<u>51 Months</u>	<u>63 Months</u>	<u>75 Months</u>	<u>87 Months</u>	<u>99 Months</u>
6/30/2012	1,718,772,375	1,741,972,425	1,716,394,261	1,716,338,138	1,716,308,378	1,716,329,776	1,716,492,293	1,716,486,098
6/30/2013	1,805,233,802	1,800,647,941	1,801,350,703	1,803,581,181	1,803,966,410	1,803,831,226	1,803,811,407	
6/30/2014	1,920,660,718	1,950,430,582	1,950,323,695	1,951,306,159	1,951,050,962	1,950,954,425		
6/30/2015	2,072,411,534	2,078,411,845	2,078,568,354	2,077,647,990	2,077,488,960			
6/30/2016	2,174,078,972	2,178,999,363	2,178,348,854	2,177,910,186				
6/30/2017	2,194,941,126	2,209,998,181	2,208,348,809					
6/30/2018	2,233,470,370	2,236,613,787						
6/30/2019	2,281,050,640							

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>
6/30/2012	1.013	0.985	1.000	1.000	1.000	1.000	1.000
6/30/2013	0.997	1.000	1.001	1.000	1.000	1.000	
6/30/2014	1.015	1.000	1.001	1.000	1.000		
6/30/2015	1.003	1.000	1.000	1.000			
6/30/2016	1.002	1.000	1.000				
6/30/2017	1.007	0.999					
6/30/2018	1.001						
6/30/2019							

Average Best 3 of 5

<u>27:15</u>	<u>39:27</u>
1.004	1.000

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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	1.590	1.330	0.5594	1.445	1,300,000
27 to 39 Months	1.330	1.665	0.5836	1.526	1,600,000
39 to 51 Months	1.072	1.095	0.6831	1.088	1,800,000
51 to 63 Months	0.999	1.006	0.6899	1.004	2,200,000
63 to 75 Months	0.994	0.997	0.6324	0.996	2,600,000
75 to 87 Months	0.998	0.998	0.5974	0.998	3,100,000
87 to 99 Months	0.997	1.000	0.5037	0.999	3,600,000
99 to 111 Months	0.999	1.000	0.4692	0.999	4,300,000
111 to 123 Months	0.999	1.000	0.4101	0.999	5,100,000
123 to 135 Months	1.001	1.000	0.3906	1.001	6,000,000
135 to 147 Months	1.001	1.000	0.3329	1.001	7,100,000
147 to 159 Months	1.000	1.000	0.2962	1.000	8,500,000
159 to 171 Months	1.000	1.000	0.2335	1.000	10,100,000
171 to 183 Months	1.000	1.000	0.1889	1.000	12,000,000
183 to 195 Months	1.000	1.000	0.1444	1.000	14,300,000
195 to 207 Months	1.001	1.000	0.1197	1.001	17,000,000
207 to 219 Months	1.001	1.000	0.1400	1.001	20,300,000
219 to 231 Months	1.001	1.000	0.0967	1.001	24,100,000
231 to 243 Months	1.001	1.000	0.0585	1.001	28,800,000
243 to ULTIMATE	The Multistate ratio has been used.				

Accident Year Ending	27:15	Loss Development From					75:63	87:75	99:87	111:99	123:111	135:123	147:135
		39:27	51:39	63:51									
6/30/2017			1.088	1.004	0.996	0.998	0.999	0.999	0.999	0.999	1.001	1.001	
6/30/2018		1.526	1.088	1.004	0.996	0.998	0.999	0.999	0.999	0.999	1.001	1.001	
6/30/2019	1.445	1.526	1.088	1.004	0.996	0.998	0.999	0.999	0.999	0.999	1.001	1.001	
		159:147	171:159	183:171	195:183	207:195	219:207	231:219	243:231	ULT:243			Factor
6/30/2017	1.000	1.000	1.000	1.000	1.001	1.001	1.001	1.001	1.001	1.004			1.093
6/30/2018	1.000	1.000	1.000	1.000	1.001	1.001	1.001	1.001	1.001	1.004			1.669
6/30/2019	1.000	1.000	1.000	1.000	1.001	1.001	1.001	1.001	1.001	1.004			2.411

(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	0.0650	0.0339	0.5594	0.0476	1,300,000
27 to 39 Months	0.0999	0.0927	0.5836	0.0957	1,600,000
39 to 51 Months	0.0891	0.0899	0.6831	0.0897	1,800,000
51 to 63 Months	0.0446	0.0701	0.6899	0.0622	2,200,000
63 to 75 Months	0.0252	-0.0031	0.6324	0.0073	2,600,000
75 to 87 Months	0.0096	0.0005	0.5974	0.0042	3,100,000
87 to 99 Months	0.0054	0.0018	0.5037	0.0036	3,600,000
99 to 111 Months	0.0029	-0.0004	0.4692	0.0014	4,300,000
111 to 123 Months	0.0023	0.0000	0.4101	0.0014	5,100,000
123 to 135 Months	0.0011	0.0004	0.3906	0.0009	6,000,000
135 to 147 Months	0.0005	0.0000	0.3329	0.0003	7,100,000
147 to 159 Months	0.0012	0.0000	0.2962	0.0008	8,500,000
159 to 171 Months	0.0008	0.0000	0.2335	0.0006	10,100,000
171 to Ultimate	A multistate ratio of 0.0000 has been used.				

Cumulative Incremental Factors							
<u>Months-to-Ultimate</u>	<u>15</u>	<u>27</u>	<u>39</u>	<u>51</u>	<u>63</u>	<u>75</u>	<u>87</u>
	0.316	0.268	0.172	0.083	0.020	0.013	0.009
<u>Months-to-Ultimate</u>	<u>99</u>	<u>111</u>	<u>123</u>	<u>135</u>	<u>147</u>	<u>159</u>	<u>171</u>
	0.005	0.004	0.003	0.002	0.001	0.001	0.000

Full Coverage

A.Y.E.	Reported ALAE as of 9/30/19	\$500,000 Ultimate Indemnity	ALAE Factor	Additional ALAE	Ultimate ALAE
6/30/2017	484,228	3,936,690	0.172	677,117	1,161,345
6/30/2018	276,033	5,294,009	0.268	1,418,795	1,694,828
6/30/2019	41,607	9,500,015	0.316	3,002,004	3,043,611

Deductible Coverage

A.Y.E.	Reported ALAE as of 9/30/19	\$500,000 Ultimate Indemnity	ALAE Factor	Additional ALAE	Ultimate ALAE
6/30/2017	167,993	1,535,390	0.172	264,088	432,081
6/30/2018	42,256	878,029	0.268	235,311	277,567
6/30/2019	7,032	1,160,564	0.316	366,737	373,769

(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 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	1.111	1.039	0.6765	1.062	2,800,000
27 to 39 Months	1.051	1.078	0.6321	1.068	2,900,000
39 to 51 Months	1.015	1.022	0.6533	1.020	3,000,000
51 to 63 Months	1.006	1.024	0.6142	1.017	3,200,000
63 to 75 Months	1.006	1.001	0.6206	1.003	3,300,000
75 to 87 Months	1.005	1.004	0.6048	1.004	3,500,000
87 to 99 Months	1.005	1.013	0.5995	1.010	3,600,000
99 to 111 Months	1.006	1.003	0.5890	1.004	3,800,000
111 to 123 Months	1.003	0.998	0.5802	1.000	4,000,000
123 to 135 Months	1.001	1.001	0.5708	1.001	4,200,000
135 to 147 Months	1.002	1.000	0.5516	1.001	4,400,000
147 to 159 Months	1.002	1.000	0.4905	1.001	4,600,000
159 to 171 Months	1.002	1.000	0.4267	1.001	4,800,000
171 to 183 Months	1.001	1.000	0.3424	1.001	5,000,000
183 to 195 Months	1.001	1.000	0.3406	1.001	5,300,000
195 to 207 Months	1.001	1.000	0.3413	1.001	5,600,000
207 to 219 Months	1.001	1.000	0.4554	1.001	5,800,000
219 to 231 Months	1.001	1.000	0.3810	1.001	6,100,000
231 to 243 Months	1.001	1.000	0.2930	1.001	6,400,000
243 to ULTIMATE	The Multistate ratio has been used.				

Accident Year Ending	27:15	Loss Development From					75:63	87:75	99:87	111:99	123:111	135:123	147:135
		39:27	51:39	63:51									
6/30/2017			1.020	1.017	1.003	1.004	1.010	1.004	1.000	1.001	1.001		
6/30/2018		1.068	1.020	1.017	1.003	1.004	1.010	1.004	1.000	1.001	1.001		
6/30/2019	1.062	1.068	1.020	1.017	1.003	1.004	1.010	1.004	1.000	1.001	1.001		
		159:147	171:159	183:171	195:183	207:195	219:207	231:219	243:231	ULT:243			Factor
6/30/2017	1.001	1.001	1.001	1.001	1.001	1.001	1.001	1.001	1.001	1.004			1.074
6/30/2018	1.001	1.001	1.001	1.001	1.001	1.001	1.001	1.001	1.001	1.004			1.147
6/30/2019	1.001	1.001	1.001	1.001	1.001	1.001	1.001	1.001	1.001	1.004			1.218

(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	0.0451	0.0567	0.6765	0.0530	2,800,000
27 to 39 Months	0.0490	0.0648	0.6321	0.0590	2,900,000
39 to 51 Months	0.0410	0.0309	0.6533	0.0344	3,000,000
51 to 63 Months	0.0339	0.0257	0.6142	0.0288	3,200,000
63 to 75 Months	0.0179	0.0047	0.6206	0.0097	3,300,000
75 to 87 Months	0.0099	0.0085	0.6048	0.0091	3,500,000
87 to 99 Months	0.0084	0.0033	0.5995	0.0053	3,600,000
99 to 111 Months	0.0109	0.0002	0.5890	0.0046	3,800,000
111 to 123 Months	0.0072	0.0011	0.5802	0.0036	4,000,000
123 to 135 Months	0.0047	0.0023	0.5708	0.0034	4,200,000
135 to 147 Months	0.0043	0.0000	0.5516	0.0019	4,400,000
147 to 159 Months	0.0043	0.0000	0.4905	0.0022	4,600,000
159 to 171 Months	0.0042	0.0000	0.4267	0.0024	4,800,000
171 to Ultimate	A multistate ratio of 0.0000 has been used.				

Cumulative Incremental Factors							
<u>Months-to-Ultimate</u>	<u>15</u>	<u>27</u>	<u>39</u>	<u>51</u>	<u>63</u>	<u>75</u>	<u>87</u>
	0.217	0.165	0.106	0.071	0.042	0.032	0.023
<u>Months-to-Ultimate</u>	<u>99</u>	<u>111</u>	<u>123</u>	<u>135</u>	<u>147</u>	<u>159</u>	<u>171</u>
	0.018	0.013	0.010	0.006	0.005	0.002	0.000

Full Coverage

A.Y.E.	Reported ALAE as of 9/30/19	\$500,000 Ultimate Indemnity	ALAE Factor	Additional ALAE	Ultimate ALAE
6/30/2017	252,510	2,081,066	0.106	220,594	473,104
6/30/2018	262,374	4,204,148	0.165	693,692	956,066
6/30/2019	176,134	4,899,579	0.217	1,063,210	1,239,344

Deductible Coverage

A.Y.E.	Reported ALAE as of 9/30/19	\$500,000 Ultimate Indemnity	ALAE Factor	Additional ALAE	Ultimate ALAE
6/30/2017	29,546	572,528	0.106	60,689	90,235
6/30/2018	65,428	848,345	0.165	139,976	205,404
6/30/2019	31,446	671,954	0.217	145,812	177,258

(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

Fringe

Full Coverage

ALAE

Calculation of Cumulative Incremental Factors

(1)	(2)
EVALUATION PERIOD	MULTISTATE RATIO (A)
15 to 27 Months	0.1546
27 to 39 Months	0.1652
39 to 51 Months	0.1422
51 to 63 Months	0.0973
63 to 75 Months	0.0441
75 to 87 Months	0.0581
87 to 99 Months	0.0071
99 to 111 Months	0.0174
111 to 123 Months	0.0019
123 to 135 Months	0.0005
135 to 147 Months	0.0005
147 to 159 Months	0.0002
159 to 171 Months	0.0021
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>
	0.691	0.537	0.371	0.229	0.132	0.088	0.030

<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>
	0.023	0.005	0.003	0.003	0.002	0.002	0.000

A.Y.E.	Reported ALAE as of 9/30/19	\$500,000 Ultimate Indemnity	ALAE Factor	Additional ALAE	Ultimate ALAE
6/30/2017	53,502	124,147	0.371	46,059	99,561
6/30/2018	30,622	398,125	0.537	213,794	244,416
6/30/2019	15,201	348,673	0.691	240,934	256,135

(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	1.398	1.346	0.7969	1.357	1,600,000
27 to 39 Months	1.183	1.151	0.8051	1.157	2,100,000
39 to 51 Months	1.049	1.011	0.7668	1.020	2,700,000
51 to 63 Months	0.999	1.001	0.7052	1.000	3,400,000
63 to 75 Months	0.993	0.998	0.6326	0.996	4,300,000
75 to 87 Months	0.994	0.997	0.5646	0.996	5,500,000
87 to 99 Months	0.996	1.000	0.5382	0.998	7,100,000
99 to 111 Months	0.998	1.007	0.4541	1.002	9,000,000
111 to 123 Months	1.000	1.000	0.4016	1.000	11,600,000
123 to 135 Months	1.000	1.000	0.3135	1.000	14,800,000
135 to 147 Months	1.000	1.000	0.2952	1.000	19,000,000
147 to 159 Months	1.000	1.000	0.2425	1.000	24,400,000
159 to 171 Months	1.001	1.000	0.1931	1.001	31,400,000
171 to 183 Months	1.000	1.000	0.1524	1.000	40,300,000
183 to 195 Months	1.000	1.000	0.1189	1.000	52,000,000
195 to 207 Months	1.000	1.000	0.1045	1.000	67,000,000
207 to 219 Months	1.000	1.000	0.0921	1.000	86,500,000
219 to 231 Months	1.000	1.000	0.0537	1.000	111,700,000
231 to 243 Months	1.000	1.000	0.0252	1.000	144,600,000
243 to ULTIMATE	The Multistate ratio has been used.				

Accident Year Ending	27:15	Loss Development From			75:63	87:75	99:87	111:99	123:111	135:123	147:135
		39:27	51:39	63:51							
6/30/2017			1.020	1.000	0.996	0.996	0.998	1.002	1.000	1.000	1.000
6/30/2018		1.157	1.020	1.000	0.996	0.996	0.998	1.002	1.000	1.000	1.000
6/30/2019	1.357	1.157	1.020	1.000	0.996	0.996	0.998	1.002	1.000	1.000	1.000
	159:147	171:159	183:171	195:183	207:195	219:207	231:219	243:231	ULT:243	Factor	
6/30/2017	1.000	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.013	
6/30/2018	1.000	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.172	
6/30/2019	1.000	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.590	

(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	0.0675	0.0530	0.7969	0.0559	1,600,000
27 to 39 Months	0.0813	0.0841	0.8051	0.0836	2,100,000
39 to 51 Months	0.0593	0.0262	0.7668	0.0340	2,700,000
51 to 63 Months	0.0287	0.0087	0.7052	0.0146	3,400,000
63 to 75 Months	0.0133	0.0087	0.6326	0.0104	4,300,000
75 to 87 Months	0.0059	0.0051	0.5646	0.0055	5,500,000
87 to 99 Months	0.0034	0.0026	0.5382	0.0030	7,100,000
99 to 111 Months	0.0032	0.0000	0.4541	0.0018	9,000,000
111 to 123 Months	0.0013	0.0000	0.4016	0.0008	11,600,000
123 to 135 Months	0.0012	0.0000	0.3135	0.0008	14,800,000
135 to 147 Months	0.0005	0.0000	0.2952	0.0003	19,000,000
147 to 159 Months	0.0009	0.0000	0.2425	0.0007	24,400,000
159 to 171 Months	0.0009	0.0020	0.1931	0.0011	31,400,000
171 to Ultimate	A multistate ratio of 0.0000 has been used.				

Cumulative Incremental Factors							
<u>Months-to-Ultimate</u>	<u>15</u>	<u>27</u>	<u>39</u>	<u>51</u>	<u>63</u>	<u>75</u>	<u>87</u>
	0.212	0.156	0.073	0.039	0.024	0.014	0.008
<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	0.002	0.001	0.000

Full Coverage

A.Y.E.	Reported ALAE as of 9/30/19	\$500,000 Ultimate Indemnity	ALAE Factor	Additional ALAE	Ultimate ALAE
6/30/2017	845,555	8,611,756	0.073	628,667	1,474,222
6/30/2018	568,008	7,214,210	0.156	1,125,417	1,693,425
6/30/2019	509,867	9,843,748	0.212	2,086,870	2,596,737

Deductible Coverage

A.Y.E.	Reported ALAE as of 9/30/19	\$500,000 Ultimate Indemnity	ALAE Factor	Additional ALAE	Ultimate ALAE
6/30/2017	52,712	617,875	0.073	45,105	97,817
6/30/2018	16,600	639,951	0.156	99,833	116,433
6/30/2019	15,045	988,887	0.212	209,644	224,689

(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	1.128	1.085	0.5686	1.104	1,100,000
27 to 39 Months	1.053	1.075	0.6466	1.067	1,300,000
39 to 51 Months	1.029	0.957	0.6685	0.981	1,500,000
51 to 63 Months	1.010	1.005	0.6379	1.007	1,700,000
63 to 75 Months	1.004	1.035	0.5773	1.022	1,900,000
75 to 87 Months	1.007	1.018	0.5270	1.013	2,200,000
87 to 99 Months	1.001	1.000	0.5030	1.000	2,500,000
99 to 111 Months	1.005	1.024	0.3720	1.012	2,700,000
111 to 123 Months	1.003	0.992	0.3184	0.999	3,100,000
123 to 135 Months	1.001	1.000	0.2588	1.001	3,600,000
135 to 147 Months	1.001	1.000	0.2513	1.001	4,100,000
147 to 159 Months	1.000	1.000	0.2039	1.000	4,600,000
159 to 171 Months	1.000	1.000	0.1640	1.000	5,200,000
171 to 183 Months	1.000	1.000	0.1438	1.000	6,000,000
183 to 195 Months	1.001	0.998	0.1159	1.001	6,700,000
195 to 207 Months	1.002	1.000	0.1243	1.002	7,700,000
207 to 219 Months	1.001	1.000	0.1571	1.001	8,700,000
219 to 231 Months	1.001	1.000	0.1286	1.001	9,900,000
231 to 243 Months	1.001	1.000	0.0740	1.001	11,300,000
243 to ULTIMATE	The Multistate ratio has been used.				

Accident Year Ending	27:15	Loss Development From					75:63	87:75	99:87	111:99	123:111	135:123	147:135
		39:27	51:39	63:51									
6/30/2017			0.981	1.007	1.022	1.013	1.000	1.012	0.999	1.001	1.001		
6/30/2018		1.067	0.981	1.007	1.022	1.013	1.000	1.012	0.999	1.001	1.001		
6/30/2019	1.104	1.067	0.981	1.007	1.022	1.013	1.000	1.012	0.999	1.001	1.001		
		159:147	171:159	183:171	195:183	207:195	219:207	231:219	243:231	ULT:243			Factor
6/30/2017	1.000	1.000	1.000	1.001	1.002	1.001	1.001	1.001	1.001	1.004			1.046
6/30/2018	1.000	1.000	1.000	1.001	1.002	1.001	1.001	1.001	1.001	1.004			1.117
6/30/2019	1.000	1.000	1.000	1.001	1.002	1.001	1.001	1.001	1.001	1.004			1.233

(A) See Section E - Multistate Loss Development.

(B) See Section E - Statewide Loss Development.

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

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

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	0.0754	0.0608	0.5686	0.0671	1,100,000
27 to 39 Months	0.0908	0.0411	0.6466	0.0587	1,300,000
39 to 51 Months	0.0711	0.0186	0.6685	0.0360	1,500,000
51 to 63 Months	0.0462	0.0003	0.6379	0.0169	1,700,000
63 to 75 Months	0.0343	0.0371	0.5773	0.0359	1,900,000
75 to 87 Months	0.0181	0.0114	0.5270	0.0146	2,200,000
87 to 99 Months	0.0198	0.0000	0.5030	0.0099	2,500,000
99 to 111 Months	0.0167	0.0005	0.3720	0.0107	2,700,000
111 to 123 Months	0.0110	0.0000	0.3184	0.0075	3,100,000
123 to 135 Months	0.0104	0.0000	0.2588	0.0077	3,600,000
135 to 147 Months	0.0057	0.0000	0.2513	0.0043	4,100,000
147 to 159 Months	0.0020	0.0000	0.2039	0.0016	4,600,000
159 to 171 Months	0.0018	0.0000	0.1640	0.0015	5,200,000
171 to Ultimate	A multistate ratio of 0.0000 has been used.				

Cumulative Incremental Factors							
<u>Months-to-Ultimate</u>	<u>15</u>	<u>27</u>	<u>39</u>	<u>51</u>	<u>63</u>	<u>75</u>	<u>87</u>
	0.272	0.205	0.147	0.111	0.094	0.058	0.043
<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>
	0.033	0.023	0.015	0.007	0.003	0.002	0.000

Full Coverage

A.Y.E.	Reported ALAE as of 9/30/19	\$500,000 Ultimate Indemnity	ALAE Factor	Additional ALAE	Ultimate ALAE
6/30/2017	160,955	1,226,626	0.147	180,312	341,267
6/30/2018	283,105	1,313,390	0.205	269,247	552,352
6/30/2019	89,551	1,371,715	0.272	373,103	462,654

Deductible Coverage

A.Y.E.	Reported ALAE as of 9/30/19	\$500,000 Ultimate Indemnity	ALAE Factor	Additional ALAE	Ultimate ALAE
6/30/2017	0	78,607	0.147	11,555	11,555
6/30/2018	2,408	58,051	0.205	11,900	14,308
6/30/2019	866	241,782	0.272	65,765	66,631

(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
Fringe
Full Coverage
ALAE

Calculation of Cumulative Incremental Factors

(1)	(2)
EVALUATION PERIOD	MULTISTATE RATIO (A)
15 to 27 Months	0.2469
27 to 39 Months	0.1929
39 to 51 Months	0.2011
51 to 63 Months	0.1516
63 to 75 Months	0.1313
75 to 87 Months	0.0839
87 to 99 Months	0.0322
99 to 111 Months	0.0070
111 to 123 Months	0.0126
123 to 135 Months	0.0053
135 to 147 Months	0.0033
147 to 159 Months	0.0169
159 to 171 Months	0.0031
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>
	1.088	0.841	0.648	0.447	0.296	0.164	0.080
<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>
	0.048	0.041	0.029	0.023	0.020	0.003	0.000

A.Y.E.	Reported ALAE as of 9/30/19	\$500,000 Ultimate Indemnity	ALAE Factor	Additional ALAE	Ultimate ALAE
6/30/2017	117,847	992,919	0.648	643,412	761,259
6/30/2018	134,717	763,484	0.841	642,090	776,807
6/30/2019	3,237	262,597	1.088	285,707	288,944

(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
6/30/2000	1,194,266	1,548,003	1,555,100	1,714,063	1,764,063	1,699,063	1,699,063	1,789,063	1,789,063	1,789,063	1,799,063
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	442,934	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	706,633	803,284	803,606	801,096	796,096	796,096	796,096	796,096	796,096
6/30/2004	666,430	947,816	946,952	1,036,702	1,044,202	1,023,202	948,202	923,202	892,202	892,202	892,202
6/30/2005	852,553	954,008	1,043,108	1,154,029	1,209,355	1,175,139	1,210,695	1,210,694	1,219,593	1,219,593	1,219,593
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	
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		
6/30/2012	404,241	653,162	1,043,748	1,095,598	1,192,998	1,225,498	1,219,665	1,219,666			
6/30/2013	1,212,542	1,820,657	1,796,250	1,913,685	1,931,103	1,932,453	1,939,953				
6/30/2014	645,511	729,114	1,174,416	1,372,594	1,348,079	1,339,977					
6/30/2015	808,541	872,868	1,676,731	1,608,050	1,561,515						
6/30/2016	510,111	672,858	1,029,502	1,277,522							
6/30/2017	441,363	696,821	1,291,626								
6/30/2018	699,225	1,076,958									
6/30/2019	754,738										
A.Y.E.	147 Months	159 Months	171 Months	183 Months	195 Months	207 Months	219 Months	231 Months	243 Months		
6/30/2000	1,789,163	1,789,063	1,789,063	1,789,063	1,789,063	1,789,063	1,789,063	1,789,063	1,789,063		
6/30/2001	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				
6/30/2003	796,096	796,096	796,095	796,095	796,095	796,095					
6/30/2004	892,202	892,202	892,202	892,202	892,202						
6/30/2005	1,219,593	1,119,593	1,105,694	1,105,694							
6/30/2006	1,065,023	1,065,023	1,065,023								
6/30/2007	1,293,499	1,293,499									
6/30/2008	1,185,304										

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.	27: 15	39: 27	51: 39	63: 51	75: 63	87: 75	99: 87	111: 99	123:111	135:123	147:135
6/30/2000	1.296	1.005	1.102	1.029	0.963	1.000	1.053	1.000	1.000	1.006	0.994
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	1.558	1.137	1.000	0.997	0.994	1.000	1.000	1.000	1.000	1.000
6/30/2004	1.422	0.999	1.095	1.007	0.980	0.927	0.974	0.966	1.000	1.000	1.000
6/30/2005	1.119	1.093	1.106	1.048	0.972	1.030	1.000	1.007	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	
6/30/2010	1.926	1.492	1.000	0.876	0.995	0.973	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			
6/30/2012	1.616	1.598	1.050	1.089	1.027	0.995	1.000				
6/30/2013	1.502	0.987	1.065	1.009	1.001	1.004					
6/30/2014	1.130	1.611	1.169	0.982	0.994						
6/30/2015	1.080	1.921	0.959	0.971							
6/30/2016	1.319	1.530	1.241								
6/30/2017	1.579	1.854									
6/30/2018	1.540										
3 Yr Mean	1.479	1.768	1.123	0.987	1.007	1.000	1.000	1.000	1.000	1.000	1.000
Best 3/5	1.330	1.665	1.095	1.006	0.997	0.998	1.000	1.000	1.000	1.000	1.000

A.Y.E.	159:147	171:159	183:171	195:183	207:195	219:207	231:219	243:231			
6/30/2000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000			
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	0.918	0.988	1.000								
6/30/2006	1.000	1.000									
6/30/2007	1.000										
3 Yr Mean	0.973	0.996	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
6/30/2015					0.997	0.998	1.000	1.000	1.000	1.000	1.000
6/30/2016				1.006	0.997	0.998	1.000	1.000	1.000	1.000	1.000
6/30/2017			1.095	1.006	0.997	0.998	1.000	1.000	1.000	1.000	1.000
6/30/2018		1.665	1.095	1.006	0.997	0.998	1.000	1.000	1.000	1.000	1.000
6/30/2019	1.330	1.665	1.095	1.006	0.997	0.998	1.000	1.000	1.000	1.000	1.000

A.Y.E.	147/159	159/171	171/183	183/195	195/207	207/219	219/231	231/243	243/Ult	FACTORS
6/30/2015	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000*	0.995
6/30/2016	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000*	1.001
6/30/2017	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000*	1.096
6/30/2018	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000*	1.825
6/30/2019	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000*	2.427

* 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

<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>
6/30/2000	28,717	86,852	117,376	140,313	219,305	235,634	273,591	282,267	281,863	294,392	294,208
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	13,847	93,002	391,360	607,913	636,817	641,133	650,012	621,980	622,351	622,396	622,396
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	77,121	230,760	527,641	730,789	839,890	884,178	1,121,098	1,143,219	1,139,797	1,139,797	1,139,797
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	
6/30/2011	32,536	266,532	448,158	717,108	889,323	858,095	858,194	857,908	857,908		
6/30/2012	173,209	416,810	673,924	778,026	828,035	831,885	810,094	865,693			
6/30/2013	27,259	357,559	561,906	956,810	1,017,948	1,046,033	1,058,792				
6/30/2014	92,346	239,105	488,835	931,143	1,283,538	1,284,771					
6/30/2015	72,635	113,107	426,207	752,500	1,217,239						
6/30/2016	43,284	154,925	445,762	526,592							
6/30/2017	10,669	44,667	365,740								
6/30/2018	25,492	268,240									
6/30/2019	35,824										

<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>
6/30/2000	294,208	294,383	294,383	294,383	294,383	294,383	294,383	294,383	294,383
6/30/2001	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		
6/30/2003	622,396	622,396	622,396	622,396	622,396	622,396			
6/30/2004	1,246,198	1,246,198	1,246,198	1,246,198	1,246,198				
6/30/2005	1,139,798	1,116,551	1,116,551	1,116,551					
6/30/2006	625,220	625,220	625,220						
6/30/2007	546,669	546,669							
6/30/2008	870,962								

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

	Increments												
A.Y.E.	<u>27: 15</u>	<u>39: 27</u>	<u>51: 39</u>	<u>63: 51</u>	<u>75: 63</u>	<u>87: 75</u>	<u>99: 87</u>	<u>111: 99</u>	<u>123: 111</u>	<u>135: 123</u>	<u>147: 135</u>	<u>159:147</u>	<u>171:159</u>
6/30/2000	58,135	30,524	22,937	78,992	16,329	37,957	8,676	-404	12,529	-184	0	175	0
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	79,155	298,358	216,553	28,904	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	153,639	296,881	203,148	109,101	44,288	236,920	22,121	-3,422	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	0	0	0
6/30/2010	71,590	252,002	190,073	-2,456	-18,536	-4,431	-1	0	0	0	0	0	0
6/30/2011	233,996	181,626	268,950	172,215	-31,228	99	-286	0	0	0	0	0	0
6/30/2012	243,601	257,114	104,102	50,009	3,850	-21,791	55,599	0	0	0	0	0	0
6/30/2013	330,300	204,347	394,904	61,138	28,085	12,759	0	0	0	0	0	0	0
6/30/2014	146,759	249,730	442,308	352,395	1,233	0	0	0	0	0	0	0	0
6/30/2015	40,472	313,100	326,293	464,739	0	0	0	0	0	0	0	0	0
6/30/2016	111,641	290,837	80,830	0	0	0	0	0	0	0	0	0	0
6/30/2017	33,998	321,073	0	0	0	0	0	0	0	0	0	0	0
6/30/2018	242,748	0	0	0	0	0	0	0	0	0	0	0	0

	Incremental Percentages												
A.Y.E.	<u>27: 15</u>	<u>39: 27</u>	<u>51: 39</u>	<u>63: 51</u>	<u>75: 63</u>	<u>87: 75</u>	<u>99: 87</u>	<u>111: 99</u>	<u>123: 111</u>	<u>135: 123</u>	<u>147: 135</u>	<u>159:147</u>	<u>171:159</u>
6/30/2000	0.0190	0.0100	0.0075	0.0258	0.0053	0.0124	0.0028	-0.0001	0.0041	-0.0001	0.0000	0.0001	0.0000
6/30/2001	0.0363	0.1755	0.0682	0.0021	0.0002	0.0184	-0.0046	0.0004	-0.0004	0.0000	0.0000	0.0000	0.0000
6/30/2002	0.0744	0.0571	0.1369	0.0123	0.0019	0.0000	0.0113	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
6/30/2003	0.0701	0.2642	0.1918	0.0256	0.0038	0.0079	-0.0248	0.0003	0.0000	0.0000	0.0000	0.0000	0.0000
6/30/2004	0.1295	0.1190	0.1667	0.0677	0.2759	0.1249	0.0413	0.0212	0.0007	0.0000	0.0000	0.0000	0.0000
6/30/2005	0.0871	0.1684	0.1152	0.0619	0.0251	0.1344	0.0125	-0.0019	0.0000	0.0000	0.0000	-0.0132	0.0000
6/30/2006	0.0444	0.0916	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	0.1337	-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	0.2449	0.1002	0.0558	0.1100	0.0049	0.0000	-0.0021	0.0000	0.0000	0.0000	0.0000	0.0000
6/30/2009	0.0396	0.2413	-0.0115	0.1255	0.0289	0.0058	0.0055	0.0000	0.0276	0.0132	0.0000	0.0000	0.0000
6/30/2010	0.0443	0.1558	0.1175	-0.0015	-0.0115	-0.0027	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
6/30/2011	0.0898	0.0697	0.1032	0.0661	-0.0120	0.0000	-0.0001	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
6/30/2012	0.1039	0.1097	0.0444	0.0213	0.0016	-0.0093	0.0237	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
6/30/2013	0.1106	0.0684	0.1322	0.0205	0.0094	0.0043	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
6/30/2014	0.0512	0.0871	0.1544	0.1230	0.0004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
6/30/2015	0.0116	0.0894	0.0932	0.1327	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
6/30/2016	0.0390	0.1015	0.0282	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
6/30/2017	0.0109	0.1030	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
6/30/2018	0.0631	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	0.0339	0.0927	0.0899	0.0701	-0.0031	0.0005	0.0018	-0.0004	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
6/30/2000	1,825,797	2,061,987	2,129,933	2,623,604	2,700,388	2,606,790	2,535,102	2,867,901	2,707,591	2,688,471	2,670,470
6/30/2001	1,039,943	1,152,835	1,148,833	1,264,883	1,089,691	1,189,032	1,245,733	1,118,911	1,118,911	1,108,912	1,108,411
6/30/2002	573,522	771,952	1,073,344	987,919	973,420	1,037,742	1,095,304	1,054,200	1,054,201	1,060,699	1,104,200
6/30/2003	603,253	680,851	734,067	700,156	713,282	713,003	706,056	706,055	745,552	725,793	705,051
6/30/2004	747,213	959,022	789,266	787,749	852,449	927,449	927,452	933,950	938,421	938,422	938,421
6/30/2005	854,604	915,157	955,493	937,234	932,234	933,454	998,454	963,454	944,954	945,054	944,954
6/30/2006	1,136,707	1,223,524	1,388,076	1,418,437	1,400,847	1,394,306	1,394,303	1,443,053	1,700,981	1,642,885	1,695,300
6/30/2007	1,145,164	1,391,607	1,398,184	1,464,504	1,509,604	1,571,902	1,715,854	1,745,977	1,787,874	1,787,874	1,787,874
6/30/2008	1,608,335	2,016,260	1,949,839	2,022,972	1,944,469	1,922,371	1,921,769	1,929,271	1,929,019	1,929,019	1,929,019
6/30/2009	1,648,353	1,773,756	1,712,508	1,670,878	1,662,577	1,786,577	1,872,878	1,875,027	1,879,029	1,869,029	1,873,440
6/30/2010	1,352,325	1,640,565	1,630,341	1,692,190	1,665,725	1,670,726	1,691,109	1,706,859	1,720,859	1,722,090	
6/30/2011	1,780,641	1,873,920	1,803,829	1,700,186	1,813,821	1,808,968	1,812,987	1,862,737	1,814,208		
6/30/2012	1,461,207	1,728,004	1,853,650	1,853,039	1,907,902	1,888,787	1,884,347	1,974,096			
6/30/2013	1,580,212	1,317,973	1,588,698	1,527,100	1,543,596	1,658,107	1,576,891				
6/30/2014	1,797,149	1,889,515	1,887,548	1,886,506	1,947,223	1,950,729					
6/30/2015	1,114,830	954,427	1,383,154	1,681,274	1,610,096						
6/30/2016	2,207,745	2,541,238	2,381,409	2,541,630							
6/30/2017	1,571,756	1,486,009	1,528,528								
6/30/2018	2,075,987	2,328,356									
6/30/2019	2,088,130										
A.Y.E.	147 Months	159 Months	171 Months	183 Months	195 Months	207 Months	219 Months	231 Months	243 Months		
6/30/2000	2,665,628	2,660,429	2,665,628	2,660,628	2,660,628	2,652,729	2,652,729	2,652,729	2,652,729		
6/30/2001	1,108,418	1,102,410	1,102,411	1,102,410	1,102,409	1,102,411	1,102,409	1,102,409			
6/30/2002	1,094,202	1,094,200	1,094,200	1,094,200	1,094,200	1,094,200	1,094,200				
6/30/2003	704,745	704,745	704,745	704,745	704,745	704,745					
6/30/2004	938,421	938,522	958,428	938,421	938,421						
6/30/2005	944,954	939,954	939,954	939,954							
6/30/2006	1,694,800	1,694,800	1,694,800								
6/30/2007	1,787,874	1,787,874									
6/30/2008	1,949,019										

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

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
6/30/2000	1.129	1.033	1.232	1.029	0.965	0.972	1.131	0.944	0.993	0.993	0.998
6/30/2001	1.109	0.997	1.101	0.861	1.091	1.048	0.898	1.000	0.991	1.000	1.000
6/30/2002	1.346	1.390	0.920	0.985	1.066	1.055	0.962	1.000	1.006	1.041	0.991
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	1.283	0.823	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	1.076	1.134	1.022	0.988	0.995	1.000	1.035	1.179	0.966	1.032	1.000
6/30/2007	1.215	1.005	1.047	1.031	1.041	1.092	1.018	1.024	1.000	1.000	1.000
6/30/2008	1.254	0.967	1.038	0.961	0.989	1.000	1.004	1.000	1.000	1.000	1.010
6/30/2009	1.076	0.965	0.976	0.995	1.075	1.048	1.001	1.002	0.995	1.002	
6/30/2010	1.213	0.994	1.038	0.984	1.003	1.012	1.009	1.008	1.001		
6/30/2011	1.052	0.963	0.943	1.067	0.997	1.002	1.027	0.974			
6/30/2012	1.183	1.073	1.000	1.030	0.990	0.998	1.048				
6/30/2013	0.834	1.205	0.961	1.011	1.074	0.951					
6/30/2014	1.051	0.999	0.999	1.032	1.002						
6/30/2015	0.856	1.449	1.216	0.958							
6/30/2016	1.151	0.937	1.067								
6/30/2017	0.945	1.029									
6/30/2018	1.122										

3 Yr Mean 1.073 1.138 1.094 1.000 1.022 0.984 1.028 0.995 0.999 1.001 1.003

Best 3/5 1.039 1.078 1.022 1.024 1.001 1.004 1.013 1.003 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
6/30/2000	0.998	1.002	0.998	1.000	0.997	1.000	1.000	1.000
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					
6/30/2006	1.000	1.000						
6/30/2007	1.000							

3 Yr Mean 0.998 1.007 0.993 1.000 1.000 @ 1.000 @ 1.000 @ 1.000 @

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

Development From

A.Y.E.	15/ 27	27/ 39	39/ 51	51/ 63	63/ 75	75/ 87	87/ 99	99/111	111/123	123/135	135/147
6/30/2015					1.001	1.004	1.013	1.003	0.998	1.001	1.000
6/30/2016				1.024	1.001	1.004	1.013	1.003	0.998	1.001	1.000
6/30/2017			1.022	1.024	1.001	1.004	1.013	1.003	0.998	1.001	1.000
6/30/2018		1.078	1.022	1.024	1.001	1.004	1.013	1.003	0.998	1.001	1.000
6/30/2019	1.039	1.078	1.022	1.024	1.001	1.004	1.013	1.003	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
6/30/2015	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000*	1.020
6/30/2016	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000*	1.045
6/30/2017	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000*	1.068
6/30/2018	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000*	1.151
6/30/2019	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000*	1.196

* 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

<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>
6/30/2000	136,287	209,922	461,623	527,310	640,183	686,817	702,506	879,950	915,794	907,189	877,855
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	69,620	87,453	189,388	205,674	198,878	198,878	201,814	356,118	379,531	393,641
6/30/2007	62,953	275,933	281,897	251,060	337,357	350,225	425,535	473,534	474,656	474,656	474,656
6/30/2008	102,587	184,167	240,794	319,798	326,385	311,664	314,492	326,231	319,075	319,075	319,075
6/30/2009	26,571	191,025	238,218	287,039	275,205	347,802	447,451	426,350	428,064	432,000	446,370
6/30/2010	47,198	115,200	169,734	266,795	299,634	302,589	309,666	320,179	318,524	321,320	
6/30/2011	143,058	318,114	381,078	347,972	372,130	378,263	381,030	381,030	383,826		
6/30/2012	123,158	226,127	460,901	479,574	596,356	602,424	574,265	585,831			
6/30/2013	98,466	242,809	457,178	524,025	546,887	563,609	602,797				
6/30/2014	94,551	315,845	391,563	492,566	517,894	553,586					
6/30/2015	88,695	231,443	459,679	822,745	978,280						
6/30/2016	236,914	425,624	467,549	469,710							
6/30/2017	184,968	155,655	229,046								
6/30/2018	71,570	225,768									
6/30/2019	156,217										

<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>
6/30/2000	877,854	867,129	867,129	867,129	867,129	867,129	867,129	867,129	867,129
6/30/2001	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		
6/30/2003	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				
6/30/2005	173,162	173,162	173,162	173,162					
6/30/2006	393,641	393,752	393,752						
6/30/2007	474,656	474,656							
6/30/2008	319,075								

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

	Increments												
A.Y.E.	27: 15	39: 27	51: 39	63: 51	75: 63	87: 75	99: 87	111: 99	123: 111	135: 123	147: 135	159:147	171:159
6/30/2000	73,635	251,701	65,687	112,873	46,634	15,689	177,444	35,844	-8,605	-29,334	-1	-10,725	0
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	46,733	17,833	101,935	16,286	-6,796	0	2,936	154,304	23,413	14,110	0	111	0
6/30/2007	212,980	5,964	-30,837	86,297	12,868	75,310	47,999	1,122	0	0	0	0	0
6/30/2008	81,580	56,627	79,004	6,587	-14,721	2,828	11,739	-7,156	0	0	0	0	0
6/30/2009	164,454	47,193	48,821	-11,834	72,597	99,649	-21,101	1,714	3,936	14,370	0	0	0
6/30/2010	68,002	54,534	97,061	32,839	2,955	7,077	10,513	-1,655	2,796	0	0	0	0
6/30/2011	175,056	62,964	-33,106	24,158	6,133	2,767	0	2,796	0	0	0	0	0
6/30/2012	102,969	234,774	18,673	116,782	6,068	-28,159	11,566	0	0	0	0	0	0
6/30/2013	144,343	214,369	66,847	22,862	16,722	39,188	0	0	0	0	0	0	0
6/30/2014	221,294	75,718	101,003	25,328	35,692	0	0	0	0	0	0	0	0
6/30/2015	142,748	228,236	363,066	155,535	0	0	0	0	0	0	0	0	0
6/30/2016	188,710	41,925	2,161	0	0	0	0	0	0	0	0	0	0
6/30/2017	-29,313	73,391	0	0	0	0	0	0	0	0	0	0	0
6/30/2018	154,198	0	0	0	0	0	0	0	0	0	0	0	0

	Incremental Percentages												
A.Y.E.	27: 15	39: 27	51: 39	63: 51	75: 63	87: 75	99: 87	111: 99	123: 111	135: 123	147: 135	159:147	171:159
6/30/2000	0.0259	0.0886	0.0231	0.0397	0.0164	0.0055	0.0624	0.0126	-0.0030	-0.0103	0.0000	-0.0038	0.0000
6/30/2001	-0.0009	0.0337	0.0931	0.0504	0.0870	0.0563	0.0241	0.0006	-0.0060	0.0000	0.0000	0.0000	0.0000
6/30/2002	0.0399	0.0383	0.0362	0.0383	0.1082	0.0577	0.0105	0.0010	-0.0731	0.0100	0.0088	0.0000	0.0000
6/30/2003	0.0075	0.0378	0.0031	0.0360	0.0099	-0.0005	0.0000	0.0272	-0.0175	0.0000	0.0000	0.0000	0.0000
6/30/2004	0.1233	0.0416	-0.0554	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	0.0710	0.0327	0.0033	0.0000	0.0007	0.0000	0.0000	0.0001	-0.0001	0.0000	0.0000	0.0000
6/30/2006	0.0231	0.0088	0.0504	0.0081	-0.0034	0.0000	0.0015	0.0763	0.0116	0.0070	0.0000	0.0001	0.0000
6/30/2007	0.0923	0.0026	-0.0134	0.0374	0.0056	0.0326	0.0208	0.0005	0.0000	0.0000	0.0000	0.0000	
6/30/2008	0.0347	0.0241	0.0336	0.0028	-0.0063	0.0012	0.0050	-0.0030	0.0000	0.0000	0.0000		
6/30/2009	0.0810	0.0232	0.0240	-0.0058	0.0357	0.0491	-0.0104	0.0008	0.0019	0.0071			
6/30/2010	0.0318	0.0255	0.0453	0.0153	0.0014	0.0033	0.0049	-0.0008	0.0013				
6/30/2011	0.0697	0.0251	-0.0132	0.0096	0.0024	0.0011	0.0000	0.0011					
6/30/2012	0.0463	0.1055	0.0084	0.0525	0.0027	-0.0127	0.0052						
6/30/2013	0.0780	0.1159	0.0361	0.0124	0.0090	0.0212							
6/30/2014	0.1059	0.0362	0.0483	0.0121	0.0171								
6/30/2015	0.0780	0.1247	0.1984	0.0850									
6/30/2016	0.0493	0.0110	0.0006										
6/30/2017	-0.0169	0.0423											
6/30/2018	0.0428												

Best 3/5	0.0567	0.0648	0.0309	0.0257	0.0047	0.0085	0.0033	0.0002	0.0011	0.0023	0.0000	0.0000	0.0000
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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
6/30/2000	2,944,511	3,491,002	3,795,897	3,696,552	3,819,535	3,734,369	3,734,842	3,839,835	3,839,835	3,739,835	3,739,835
6/30/2001	2,308,713	2,553,453	2,835,263	2,619,703	2,560,450	2,506,030	2,606,030	2,606,064	2,606,039	2,606,029	2,606,029
6/30/2002	1,891,330	2,232,878	2,254,438	2,440,645	2,392,046	2,457,207	2,411,037	2,411,037	2,411,037	2,411,037	2,411,037
6/30/2003	1,779,231	1,939,139	2,966,456	2,938,053	2,883,553	2,843,552	2,791,252	2,782,452	2,782,452	2,782,452	2,782,452
6/30/2004	2,032,777	2,043,215	2,044,116	1,914,328	1,924,327	1,832,327	1,807,327	1,796,975	1,801,975	1,801,975	1,801,975
6/30/2005	2,472,371	2,640,781	2,961,938	2,625,795	2,686,380	2,630,826	2,630,826	2,630,826	2,670,825	2,661,380	2,661,380
6/30/2006	2,481,259	3,025,364	3,289,845	2,927,723	3,032,488	3,027,488	3,051,238	3,051,238	3,051,238	3,056,238	3,051,238
6/30/2007	2,199,623	2,232,579	2,407,338	2,339,415	2,099,817	2,099,395	2,099,395	2,099,395	2,099,395	2,099,395	2,099,395
6/30/2008	2,239,812	2,521,503	2,415,855	2,442,473	2,635,276	2,735,439	2,720,439	2,730,439	2,807,939	2,807,939	2,807,939
6/30/2009	1,984,188	1,917,827	1,936,569	1,972,731	1,877,731	1,952,112	1,852,111	1,852,111	1,852,111	1,852,111	1,852,111
6/30/2010	1,977,654	2,436,875	2,964,252	3,026,467	3,126,467	3,126,467	3,126,467	3,126,467	3,126,467	3,126,467	
6/30/2011	2,282,446	2,422,008	2,923,601	2,567,177	2,526,382	2,508,882	2,508,882	2,508,882	2,558,882		
6/30/2012	1,652,722	2,112,003	2,813,708	2,670,678	2,635,678	2,635,678	2,638,178	2,638,178			
6/30/2013	2,275,320	2,228,868	1,975,351	1,975,852	2,037,155	1,987,155	1,970,156				
6/30/2014	1,925,809	2,287,004	2,638,885	2,795,226	2,732,226	2,932,226					
6/30/2015	2,498,492	2,765,958	3,454,634	3,360,876	3,465,091						
6/30/2016	1,348,417	2,273,914	2,785,784	3,121,029							
6/30/2017	2,320,671	3,634,599	3,905,207								
6/30/2018	2,609,154	3,351,854									
6/30/2019	2,809,260										
A.Y.E.	147 Months	159 Months	171 Months	183 Months	195 Months	207 Months	219 Months	231 Months	243 Months		
6/30/2000	3,739,835	3,739,835	3,739,835	3,739,835	3,736,385	3,736,384	3,736,384	3,736,384	3,736,384		
6/30/2001	2,606,029	2,606,029	2,606,029	2,606,029	2,606,029	2,606,029	2,606,029	2,606,029			
6/30/2002	2,411,037	2,411,037	2,441,037	2,430,776	2,430,776	2,430,776	2,430,776				
6/30/2003	2,782,452	2,782,452	2,785,443	2,785,443	2,785,443	2,785,443					
6/30/2004	1,801,975	1,801,975	1,801,975	1,801,975	1,801,975						
6/30/2005	2,661,380	2,661,380	2,661,380	2,661,380							
6/30/2006	3,051,338	3,051,238	3,051,238								
6/30/2007	2,099,395	2,199,395									
6/30/2008	2,807,939										

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

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
6/30/2000	1.186	1.087	0.974	1.033	0.978	1.000	1.028	1.000	0.974	1.000	1.000
6/30/2001	1.106	1.110	0.924	0.977	0.979	1.040	1.000	1.000	1.000	1.000	1.000
6/30/2002	1.181	1.010	1.083	0.980	1.027	0.981	1.000	1.000	1.000	1.000	1.000
6/30/2003	1.090	1.530	0.990	0.981	0.986	0.982	0.997	1.000	1.000	1.000	1.000
6/30/2004	1.005	1.000	0.937	1.005	0.952	0.986	0.994	1.003	1.000	1.000	1.000
6/30/2005	1.068	1.122	0.887	1.023	0.979	1.000	1.000	1.015	0.996	1.000	1.000
6/30/2006	1.219	1.087	0.890	1.036	0.998	1.008	1.000	1.000	1.002	0.998	1.000
6/30/2007	1.015	1.078	0.972	0.898	1.000	1.000	1.000	1.000	1.000	1.000	1.000
6/30/2008	1.126	0.958	1.011	1.079	1.038	0.995	1.004	1.028	1.000	1.000	1.000
6/30/2009	0.967	1.010	1.019	0.952	1.040	0.949	1.000	1.000	1.000	1.000	
6/30/2010	1.232	1.216	1.021	1.033	1.000	1.000	1.000	1.000	1.000		
6/30/2011	1.061	1.207	0.878	0.984	0.993	1.000	1.000	1.020			
6/30/2012	1.278	1.332	0.949	0.987	1.000	1.001	1.000				
6/30/2013	0.980	0.886	1.000	1.031	0.975	0.991					
6/30/2014	1.188	1.154	1.059	0.977	1.073						
6/30/2015	1.107	1.249	0.973	1.031							
6/30/2016	1.686	1.225	1.120								
6/30/2017	1.566	1.074									
6/30/2018	1.285										

3 Yr Mean 1.512 1.183 1.051 1.013 1.016 0.997 1.000 1.007 1.000 1.000 1.000

Best 3/5 1.346 1.151 1.011 1.001 0.998 0.997 1.000 1.007 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
6/30/2000	1.000	1.000	1.000	0.999	1.000	1.000	1.000	1.000
6/30/2001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000 *
6/30/2002	1.000	1.012	0.996	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					
6/30/2006	1.000	1.000						
6/30/2007	1.048							

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 *

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
6/30/2015					0.998	0.997	1.000	1.007	1.000	1.000	1.000
6/30/2016				1.001	0.998	0.997	1.000	1.007	1.000	1.000	1.000
6/30/2017			1.011	1.001	0.998	0.997	1.000	1.007	1.000	1.000	1.000
6/30/2018		1.151	1.011	1.001	0.998	0.997	1.000	1.007	1.000	1.000	1.000
6/30/2019	1.346	1.151	1.011	1.001	0.998	0.997	1.000	1.007	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
6/30/2015	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000*	1.002
6/30/2016	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000*	1.003
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*	1.167
6/30/2019	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000*	1.571

* 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

<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>
6/30/2000	432,901	459,113	708,370	834,782	945,281	1,034,341	1,050,203	1,073,435	1,085,677	1,001,908	998,715
6/30/2001	240,121	470,252	654,728	904,555	927,234	954,237	954,237	950,724	961,966	955,552	955,552
6/30/2002	281,156	325,334	341,983	450,172	453,788	501,035	511,501	558,818	564,552	550,023	533,897
6/30/2003	345,327	375,124	628,844	887,418	910,376	945,366	901,691	894,401	894,161	894,041	893,981
6/30/2004	169,214	381,375	422,693	512,936	540,435	530,163	516,149	513,773	512,585	511,991	511,991
6/30/2005	416,021	446,018	709,311	828,191	998,636	959,533	984,593	990,948	967,222	967,222	967,157
6/30/2006	170,422	294,577	668,830	728,882	739,975	734,071	737,743	752,161	752,161	754,334	765,720
6/30/2007	428,424	495,999	765,699	998,665	1,216,470	1,236,684	1,236,684	1,236,684	1,236,684	1,236,684	1,236,684
6/30/2008	310,586	929,876	1,191,554	1,077,851	1,050,458	1,296,903	1,322,593	1,359,164	1,383,089	1,382,416	1,382,416
6/30/2009	231,226	236,500	490,797	482,677	624,280	818,655	835,793	862,580	862,580	862,580	862,580
6/30/2010	225,862	381,784	727,321	786,839	969,654	1,064,878	1,078,327	1,078,578	1,078,578	1,078,578	
6/30/2011	263,702	756,732	1,624,554	1,425,855	1,443,085	1,393,925	1,453,877	1,449,663	1,445,359		
6/30/2012	432,720	357,238	874,180	807,697	808,927	831,624	831,661	831,661			
6/30/2013	252,019	393,067	456,776	635,755	686,321	715,648	729,377				
6/30/2014	430,282	658,282	1,090,371	1,485,395	1,448,394	1,478,652					
6/30/2015	363,041	574,197	1,139,404	1,191,861	1,300,815						
6/30/2016	204,702	482,382	833,994	824,194							
6/30/2017	550,498	510,804	896,004								
6/30/2018	304,434	613,541									
6/30/2019	513,869										

<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>
6/30/2000	998,910	998,992	999,098	999,014	996,632	996,632	996,632	996,632	996,632
6/30/2001	955,552	955,552	955,552	955,552	955,552	955,552	955,552	955,552	
6/30/2002	533,897	533,897	610,080	610,080	610,080	610,080	610,080		
6/30/2003	893,981	893,981	914,417	914,417	914,417	914,417			
6/30/2004	511,991	511,991	511,991	511,991	511,991				
6/30/2005	967,157	967,157	967,157	967,157					
6/30/2006	765,720	765,720	765,720						
6/30/2007	1,236,684	1,286,684							
6/30/2008	1,382,416								

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

	Increments												
A.Y.E.	27: 15	39: 27	51: 39	63: 51	75: 63	87: 75	99: 87	111: 99	123: 111	135: 123	147: 135	159:147	171:159
6/30/2000	26,212	249,257	126,412	110,499	89,060	15,862	23,232	12,242	-83,769	-3,193	195	82	106
6/30/2001	230,131	184,476	249,827	22,679	27,003	0	-3,513	11,242	-6,414	0	0	0	0
6/30/2002	44,178	16,649	108,189	3,616	47,247	10,466	47,317	5,734	-14,529	-16,126	0	0	76,183
6/30/2003	29,797	253,720	258,574	22,958	34,990	-43,675	-7,290	-240	-120	-60	0	0	20,436
6/30/2004	212,161	41,318	90,243	27,499	-10,272	-14,014	-2,376	-1,188	-594	0	0	0	0
6/30/2005	29,997	263,293	118,880	170,445	-39,103	25,060	6,355	-23,726	0	-65	0	0	0
6/30/2006	124,155	374,253	60,052	11,093	-5,904	3,672	14,418	0	2,173	11,386	0	0	0
6/30/2007	67,575	269,700	232,966	217,805	20,214	0	0	0	0	0	0	50,000	
6/30/2008	619,290	261,678	-113,703	-27,393	246,445	25,690	36,571	23,925	-673	0	0		
6/30/2009	5,274	254,297	-8,120	141,603	194,375	17,138	26,787	0	0	0			
6/30/2010	155,922	345,537	59,518	182,815	95,224	13,449	251	0	0				
6/30/2011	493,030	867,822	-198,699	17,230	-49,160	59,952	-4,214	-4,304					
6/30/2012	-75,482	516,942	-66,483	1,230	22,697	37	0						
6/30/2013	141,048	63,709	178,979	50,566		13,729							
6/30/2014	228,000	432,089	395,024	-37,001	30,258								
6/30/2015	211,156	565,207	52,457	108,954									
6/30/2016	277,680	351,612	-9,800										
6/30/2017	-39,694	385,200											
6/30/2018	309,107												

	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
6/30/2000	0.0055	0.0523	0.0265	0.0232	0.0187	0.0033	0.0049	0.0026	-0.0176	-0.0007	0.0000	0.0000	0.0000
6/30/2001	0.0637	0.0511	0.0692	0.0063	0.0075	0.0000	-0.0010	0.0031	-0.0018	0.0000	0.0000	0.0000	0.0000
6/30/2002	0.0142	0.0054	0.0349	0.0012	0.0152	0.0034	0.0153	0.0018	-0.0047	-0.0052	0.0000	0.0000	0.0246
6/30/2003	0.0087	0.0738	0.0752	0.0067	0.0102	-0.0127	-0.0021	-0.0001	0.0000	0.0000	0.0000	0.0000	0.0059
6/30/2004	0.1144	0.0223	0.0487	0.0148	-0.0055	-0.0076	-0.0013	-0.0006	-0.0003	0.0000	0.0000	0.0000	0.0000
6/30/2005	0.0080	0.0702	0.0317	0.0455	-0.0104	0.0067	0.0017	-0.0063	0.0000	0.0000	0.0000	0.0000	0.0000
6/30/2006	0.0313	0.0944	0.0151	0.0028	-0.0015	0.0009	0.0036	0.0000	0.0005	0.0029	0.0000	0.0000	0.0000
6/30/2007	0.0166	0.0661	0.0571	0.0533	0.0050	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0122	
6/30/2008	0.1307	0.0552	-0.0240	-0.0058	0.0520	0.0054	0.0077	0.0050	-0.0001	0.0000	0.0000		
6/30/2009	0.0023	0.1091	-0.0035	0.0607	0.0834	0.0074	0.0115	0.0000	0.0000	0.0000			
6/30/2010	0.0293	0.0649	0.0112	0.0343	0.0179	0.0025	0.0000	0.0000	0.0000				
6/30/2011	0.1639	0.2885	-0.0660	0.0057	-0.0163	0.0199	-0.0014	-0.0014					
6/30/2012	-0.0228	0.1559	-0.0201	0.0004	0.0068	0.0000	0.0000						
6/30/2013	0.0557	0.0252	0.0707	0.0200	0.0116	0.0054							
6/30/2014	0.0581	0.1102	0.1007	-0.0094	0.0077								
6/30/2015	0.0423	0.1131	0.0105	0.0218									
6/30/2016	0.0701	0.0888	-0.0025										
6/30/2017	-0.0055	0.0534											
6/30/2018	0.0586												

Best 3/5	0.0530	0.0841	0.0262	0.0087	0.0087	0.0051	0.0026	0.0000	0.0000	0.0000	0.0000	0.0000	0.0020
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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
6/30/2000	500,611	573,805	671,124	703,624	792,624	902,624	903,124	902,624	912,624	902,624	902,624
6/30/2001	311,101	386,795	572,694	532,694	630,924	582,148	536,374	536,373	536,373	536,373	561,373
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	340,730	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	642,364	514,508	380,804	405,473	480,033	480,787	475,787	475,787	500,787	500,787	500,787
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	557,210	543,962	655,517	663,107	668,107	640,307	675,305	658,700	691,819	649,319	
6/30/2011	601,638	678,225	703,599	639,099	639,099	649,100	641,813	641,813	656,813		
6/30/2012	1,293,159	1,179,259	1,295,885	1,216,283	1,213,158	1,213,158	1,213,008	1,215,515			
6/30/2013	613,688	555,382	517,916	513,464	523,468	589,262	634,262				
6/30/2014	753,908	815,534	961,302	904,302	858,098	933,269					
6/30/2015	1,429,157	1,472,859	1,525,705	1,577,171	1,882,170						
6/30/2016	506,155	459,824	537,556	467,524							
6/30/2017	336,809	445,446	454,343								
6/30/2018	606,865	693,191									
6/30/2019	583,543										
A.Y.E.	147 Months	159 Months	171 Months	183 Months	195 Months	207 Months	219 Months	231 Months	243 Months		
6/30/2000	902,624	902,624	902,625	927,624	902,624	902,624	902,624	902,624	902,624		
6/30/2001	561,373	561,373	561,373	561,373	558,573	558,573	558,573	558,573	558,573		
6/30/2002	166,044	166,044	166,044	159,923	159,923	159,923	159,923				
6/30/2003	374,645	374,645	374,895	374,895	374,895	374,895					
6/30/2004	343,148	343,148	343,148	343,148	343,148						
6/30/2005	289,382	289,382	289,382	289,382							
6/30/2006	387,643	387,643	387,643								
6/30/2007	500,787	500,787									
6/30/2008	487,794										

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

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
6/30/2000	1.146	1.170	1.048	1.126	1.139	1.001	0.999	1.011	0.989	1.000	1.000
6/30/2001	1.243	1.481	0.930	1.184	0.923	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	0.756	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	0.801	0.740	1.065	1.184	1.002	0.990	1.000	1.053	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	
6/30/2010	0.976	1.205	1.012	1.008	0.958	1.055	0.975	1.050	0.939		
6/30/2011	1.127	1.037	0.908	1.000	1.016	0.989	1.000	1.023			
6/30/2012	0.912	1.099	0.939	0.997	1.000	1.000	1.002				
6/30/2013	0.905	0.933	0.991	1.019	1.126	1.076					
6/30/2014	1.082	1.179	0.941	0.949	1.088						
6/30/2015	1.031	1.036	1.034	1.193							
6/30/2016	0.908	1.169	0.870								
6/30/2017	1.323	1.020									
6/30/2018	1.142										

3 Yr Mean 1.124 1.075 0.948 1.054 1.071 1.022 0.992 1.024 0.980 1.022 1.000

Best 3/5 1.085 1.075 0.957 1.005 1.035 1.018 1.000 1.024 0.992 1.000 1.000

A.Y.E.	159:147	171:159	183:171	195:183	207:195	219:207	231:219	243:231
6/30/2000	1.000	1.000	1.028	0.973	1.000	1.000	1.000	1.000
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	0.998 *	1.000 *	1.000 *	1.000 *
6/30/2005	1.000	1.000	1.000					
6/30/2006	1.000	1.000						
6/30/2007	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 0.998 1.000 * 1.000 * 1.000 * 1.000 *

Development From

A.Y.E.	15/ 27	27/ 39	39/ 51	51/ 63	63/ 75	75/ 87	87/ 99	99/111	111/123	123/135	135/147
6/30/2015					1.035	1.018	1.000	1.024	0.992	1.000	1.000
6/30/2016				1.005	1.035	1.018	1.000	1.024	0.992	1.000	1.000
6/30/2017			0.957	1.005	1.035	1.018	1.000	1.024	0.992	1.000	1.000
6/30/2018		1.075	0.957	1.005	1.035	1.018	1.000	1.024	0.992	1.000	1.000
6/30/2019	1.085	1.075	0.957	1.005	1.035	1.018	1.000	1.024	0.992	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
6/30/2015	1.000	1.000	1.000	0.998	1.000	1.000	1.000	1.000	1.000*	1.068
6/30/2016	1.000	1.000	1.000	0.998	1.000	1.000	1.000	1.000	1.000*	1.073
6/30/2017	1.000	1.000	1.000	0.998	1.000	1.000	1.000	1.000	1.000*	1.027
6/30/2018	1.000	1.000	1.000	0.998	1.000	1.000	1.000	1.000	1.000*	1.104
6/30/2019	1.000	1.000	1.000	0.998	1.000	1.000	1.000	1.000	1.000*	1.198

* 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

<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>
6/30/2000	21,336	60,734	84,991	392,837	477,274	503,564	503,671	504,103	504,103	504,103	504,103
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	48,807	166,368	251,380	282,428	315,519	336,660	336,256	330,683	334,501	334,620	334,620
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	28,597	69,882	92,183	99,838	99,861	101,659	135,158	121,413	115,602	115,602	
6/30/2011	122,431	192,346	220,269	199,465	199,465	220,965	205,949	205,949	230,019		
6/30/2012	88,843	179,570	209,988	208,670	210,443	210,443	215,052	221,005			
6/30/2013	32,849	36,851	42,132	42,740	42,740	96,324	246,900				
6/30/2014	45,419	62,971	121,046	138,045	132,431	211,451					
6/30/2015	191,279	277,770	325,752	508,912	590,019						
6/30/2016	54,853	104,135	192,482	227,774							
6/30/2017	25,422	78,029	103,006								
6/30/2018	51,796	264,984									
6/30/2019	44,875										

<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>
6/30/2000	504,103	504,103	519,102	537,078	526,357	526,357	526,357	526,357	526,357
6/30/2001	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		
6/30/2003	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				
6/30/2005	41,335	41,335	41,335	41,335					
6/30/2006	436,939	436,939	436,939						
6/30/2007	334,620	334,620							
6/30/2008	215,319								

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

	Increments												
A.Y.E.	27: 15	39: 27	51: 39	63: 51	75: 63	87: 75	99: 87	111: 99	123: 111	135: 123	147: 135	159:147	171:159
6/30/2000	39,398	24,257	307,846	84,437	26,290	107	432	0	0	0	0	0	14,999
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	117,561	85,012	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	41,285	22,301	7,655	23	1,798	33,499	-13,745	-5,811	0	0	0	0	0
6/30/2011	69,915	27,923	-20,804	0	21,500	-15,016	0	24,070	0	0	0	0	0
6/30/2012	90,727	30,418	-1,318	1,773	0	4,609	5,953	0	0	0	0	0	0
6/30/2013	4,002	5,281	608	0	53,584	150,576	0	0	0	0	0	0	0
6/30/2014	17,552	58,075	16,999	-5,614	79,020	0	0	0	0	0	0	0	0
6/30/2015	86,491	47,982	183,160	81,107	0	0	0	0	0	0	0	0	0
6/30/2016	49,282	88,347	35,292	0	0	0	0	0	0	0	0	0	0
6/30/2017	52,607	24,977	0	0	0	0	0	0	0	0	0	0	0
6/30/2018	213,188	0	0	0	0	0	0	0	0	0	0	0	0

	Incremental Percentages												
A.Y.E.	27: 15	39: 27	51: 39	63: 51	75: 63	87: 75	99: 87	111: 99	123: 111	135: 123	147: 135	159:147	171:159
6/30/2000	0.0245	0.0151	0.1911	0.0524	0.0163	0.0001	0.0003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0093
6/30/2001	-0.0060	0.1047	-0.0855	0.0735	-0.0735	0.0092	0.0000	0.0000	0.0004	0.0119	0.0053	0.0000	0.0000
6/30/2002	0.0128	0.0000	0.2995	0.1075	-0.1338	0.0000	0.0041	0.0034	0.0000	0.0000	0.0000	0.0000	0.0000
6/30/2003	0.0426	0.0580	0.0937	0.0000	0.0104	0.2592	0.0022	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
6/30/2004	-0.0165	0.4858	-0.0037	0.1211	0.0278	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
6/30/2005	0.0159	0.0224	-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	0.0261	0.4428	0.0740	0.0107	0.3938	0.9947	0.0918	-1.4944	-0.0126	0.0000	0.0000	0.0000	0.0000
6/30/2007	0.1224	0.0885	0.0323	0.0345	0.0220	-0.0004	-0.0058	0.0040	0.0001	0.0000	0.0000	0.0000	
6/30/2008	0.0536	0.0712	0.0750	0.1852	0.0088	-0.0175	0.0000	-0.0026	0.0011	0.0019	0.0035		
6/30/2009	0.0279	0.1262	0.1354	-0.0112	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			
6/30/2010	0.0394	0.0213	0.0073	0.0000	0.0017	0.0320	-0.0131	-0.0055	0.0000				
6/30/2011	0.0983	0.0392	-0.0292	0.0000	0.0302	-0.0211	0.0000	0.0338					
6/30/2012	0.0435	0.0146	-0.0006	0.0008	0.0000	0.0022	0.0029						
6/30/2013	0.0059	0.0078	0.0009	0.0000	0.0794	0.2230							
6/30/2014	0.0180	0.0595	0.0174	-0.0058	0.0810								
6/30/2015	0.0235	0.0131	0.0499	0.0221									
6/30/2016	0.0523	0.0937	0.0374										
6/30/2017	0.1067	0.0507											
6/30/2018	0.1678												

Best 3/5	0.0608	0.0411	0.0186	0.0003	0.0371	0.0114	0.0000	0.0005	0.0000	0.0000	0.0000	0.0000	0.0000
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PREMISES/OPERATIONS (Subline Code 334)
MANUFACTURERS AND CONTRACTORS
FULL COVERAGE
MULTISTATE
BODILY INJURY - OCCURRENCE
INCURRED ACCIDENT YEAR BASIC LIMITS LOSS DEVELOPMENT EXCLUDING ALAE

\$100,000 Basic Limit Losses as of:												
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	
6/30/2000	59,418,355	92,903,542	135,796,146	152,864,283	159,182,471	158,650,099	158,009,893	156,943,675	156,234,483	155,902,671	155,525,041	
6/30/2001	53,942,975	115,086,326	156,563,678	172,700,484	177,528,610	173,046,472	170,084,863	169,016,832	168,539,391	168,606,388	168,200,263	
6/30/2002	53,305,747	92,050,593	121,580,952	137,321,130	136,967,410	133,795,667	131,946,076	130,942,906	130,978,819	130,756,193	131,065,569	
6/30/2003	55,794,240	90,725,178	123,844,045	135,582,193	133,530,278	130,494,948	129,707,971	128,839,604	128,181,122	128,097,281	127,646,370	
6/30/2004	61,340,533	99,705,886	134,005,325	140,743,005	137,354,027	135,520,727	133,241,038	132,229,061	131,880,632	132,112,019	132,041,196	
6/30/2005	57,051,057	93,258,986	121,003,683	129,164,144	126,488,147	123,092,920	121,631,180	121,195,833	120,865,278	121,029,182	121,080,246	
6/30/2006	62,654,103	95,361,286	118,898,942	124,209,042	122,190,344	121,149,378	121,851,932	121,863,620	121,031,125	120,631,780	120,166,823	
6/30/2007	61,740,867	92,737,953	117,457,266	123,026,771	122,536,782	122,081,714	120,948,570	120,974,563	120,928,133	120,629,781	120,776,599	
6/30/2008	66,491,366	100,195,750	128,927,650	135,608,709	134,368,465	133,292,331	133,369,930	132,704,905	132,385,690	132,356,027	132,516,112	
6/30/2009	64,834,643	102,855,362	125,697,635	136,464,284	135,754,710	134,773,903	134,291,961	133,634,051	133,075,824	132,882,288	133,211,412	
6/30/2010	70,335,191	100,246,918	128,277,696	134,834,062	135,786,003	133,812,375	133,263,616	133,604,246	133,850,283	133,670,033		
6/30/2011	70,377,147	110,002,473	136,697,587	148,534,284	146,720,247	144,374,214	144,392,721	144,062,873	143,961,944			
6/30/2012	64,887,463	96,605,360	122,813,008	129,621,313	129,387,677	129,210,121	129,618,314	129,436,208				
6/30/2013	57,311,212	93,947,144	113,245,564	119,790,249	122,453,655	122,378,634	122,093,654					
6/30/2014	68,897,094	102,946,796	135,111,352	147,944,125	146,301,092	145,867,281						
6/30/2015	58,090,373	92,302,966	125,304,935	133,208,386	134,614,821							
6/30/2016	50,703,388	85,059,403	113,941,957	125,265,606								
6/30/2017	58,732,971	89,429,211	119,620,179									
6/30/2018	60,067,530	99,512,710										
6/30/2019	59,345,793											

A.Y.E.	147 Months	159 Months	171 Months	183 Months	195 Months	207 Months	219 Months	231 Months	243 Months
6/30/2000	155,458,479	155,364,375	155,435,839	155,607,307	155,555,602	155,644,751	155,701,139	155,763,405	155,926,674
6/30/2001	168,378,540	168,375,963	168,532,290	168,454,710	168,184,913	168,307,805	168,039,389	168,047,889	
6/30/2002	130,581,907	130,634,441	130,443,570	130,414,208	130,430,599	130,421,165	130,593,721		
6/30/2003	127,962,820	127,772,701	127,532,091	127,502,388	127,452,380	127,655,879			
6/30/2004	132,237,027	132,217,469	132,299,333	132,294,548	132,482,658				
6/30/2005	121,224,244	121,209,442	121,203,919	121,207,415					
6/30/2006	120,257,319	120,761,708	120,721,599						
6/30/2007	120,661,954	120,822,791							
6/30/2008	132,632,299								

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

INCURRED ACCIDENT YEAR BASIC LIMITS LOSS DEVELOPMENT EXCLUDING ALAE

	Link Ratios										
A.Y.E.	27: 15	39: 27	51: 39	63: 51	75: 63	87: 75	99: 87	111: 99	123:111	135:123	147:135
6/30/2000	1.564	1.462	1.126	1.041	0.997	0.996	0.993	0.995	0.998	0.998	1.000
6/30/2001	2.133	1.360	1.103	1.028	0.975	0.983	0.994	0.997	1.000	0.998	1.001
6/30/2002	1.727	1.321	1.129	0.997	0.977	0.986	0.992	1.000	0.998	1.002	0.996
6/30/2003	1.626	1.365	1.095	0.985	0.977	0.994	0.993	0.995	0.999	0.996	1.002
6/30/2004	1.625	1.344	1.050	0.976	0.987	0.983	0.992	0.997	1.002	0.999	1.001
6/30/2005	1.635	1.298	1.067	0.979	0.973	0.988	0.996	0.997	1.001	1.000	1.001
6/30/2006	1.522	1.247	1.045	0.984	0.991	1.006	1.000	0.993	0.997	0.996	1.001
6/30/2007	1.502	1.267	1.047	0.996	0.996	0.991	1.000	1.000	0.998	1.001	0.999
6/30/2008	1.507	1.287	1.052	0.991	0.992	1.001	0.995	0.998	1.000	1.001	1.001
6/30/2009	1.586	1.222	1.086	0.995	0.993	0.996	0.995	0.996	0.999	1.002	
6/30/2010	1.425	1.280	1.051	1.007	0.985	0.996	1.003	1.002	0.999		
6/30/2011	1.563	1.243	1.087	0.988	0.984	1.000	0.998	0.999			
6/30/2012	1.489	1.271	1.055	0.998	0.999	1.003	0.999				
6/30/2013	1.639	1.205	1.058	1.022	0.999	0.998					
6/30/2014	1.494	1.312	1.095	0.989	0.997						
6/30/2015	1.589	1.358	1.063	1.011							
6/30/2016	1.678	1.340	1.099								
6/30/2017	1.523	1.338									
6/30/2018	1.657										
3 Yr Mean	1.619	1.345	1.086	1.007	0.998	1.000	1.000	0.999	0.999	1.001	1.000
Best 3/5	1.590	1.330	1.072	0.999	0.994	0.998	0.997	0.999	0.999	1.001	1.001

A.Y.E.	159:147	171:159	183:171	195:183	207:195	219:207	231:219	243:231			
6/30/2000	0.999	1.000	1.001	1.000	1.001	1.000	1.000	1.001			
6/30/2001	1.000	1.001	1.000	0.998	1.001	0.998	1.000	1.001 *			
6/30/2002	1.000	0.999	1.000	1.000	1.000	1.001	1.001 *	1.001 *			
6/30/2003	0.999	0.998	1.000	1.000	1.002	1.001 *	1.001 *	1.001 *			
6/30/2004	1.000	1.001	1.000	1.001	1.000 *	1.001 *	1.001 *	1.001 *			
6/30/2005	1.000	1.000	1.000								
6/30/2006	1.004	1.000									
6/30/2007	1.001										
3 Yr Mean	1.002	1.000	1.000	1.000	1.001 @	1.000 @	1.000 @	1.001 @			
Best 3/5	1.000	1.000	1.000	1.000	1.001 *	1.001 *	1.001 *	1.001 *			

	Development From										
A.Y.E.	15/ 27	27/ 39	39/ 51	51/ 63	63/ 75	75/ 87	87/ 99	99/111	111/123	123/135	135/147
6/30/2015					0.994	0.998	0.997	0.999	0.999	1.001	1.001
6/30/2016				0.999	0.994	0.998	0.997	0.999	0.999	1.001	1.001
6/30/2017			1.072	0.999	0.994	0.998	0.997	0.999	0.999	1.001	1.001
6/30/2018		1.330	1.072	0.999	0.994	0.998	0.997	0.999	0.999	1.001	1.001
6/30/2019	1.590	1.330	1.072	0.999	0.994	0.998	0.997	0.999	0.999	1.001	1.001

A.Y.E.	147/159	159/171	171/183	183/195	195/207	207/219	219/231	231/243	243/U1t	FACTORS
6/30/2015	1.000	1.000	1.000	1.000	1.001	1.001	1.001	1.001	1.004*	0.997
6/30/2016	1.000	1.000	1.000	1.000	1.001	1.001	1.001	1.001	1.004*	0.996
6/30/2017	1.000	1.000	1.000	1.000	1.001	1.001	1.001	1.001	1.004*	1.068
6/30/2018	1.000	1.000	1.000	1.000	1.001	1.001	1.001	1.001	1.004*	1.420
6/30/2019	1.000	1.000	1.000	1.000	1.001	1.001	1.001	1.001	1.004*	2.258

* 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
6/30/2000	3,941,351	8,127,499	13,489,871	16,670,703	13,604,966	13,791,475	15,135,878	14,367,545	14,191,684	14,233,595	14,052,787
6/30/2001	5,464,491	11,674,896	16,088,050	14,588,558	14,572,751	16,140,363	16,054,237	15,556,710	15,065,178	15,230,310	15,224,462
6/30/2002	5,373,405	10,452,744	13,793,654	15,494,172	15,228,496	15,685,777	14,907,996	15,303,966	14,956,095	15,142,704	15,260,094
6/30/2003	7,665,961	10,442,988	13,918,873	16,383,682	17,052,281	16,018,486	15,821,858	15,479,197	15,468,082	15,283,903	15,691,667
6/30/2004	6,823,508	11,858,280	15,565,208	18,268,194	17,007,661	17,268,751	16,062,622	16,599,207	16,321,870	16,560,908	16,458,238
6/30/2005	7,220,573	12,721,393	16,051,071	16,188,083	16,852,863	16,309,719	16,623,907	16,435,953	16,235,302	15,853,371	15,895,372
6/30/2006	9,325,349	13,883,299	18,547,968	20,126,620	18,918,103	19,237,253	19,476,197	19,248,710	19,229,497	19,082,381	19,239,809
6/30/2007	9,397,504	14,055,412	17,062,934	19,365,173	19,232,756	19,278,946	19,023,794	19,328,510	19,523,111	19,728,336	19,716,901
6/30/2008	11,276,209	15,182,735	19,028,527	20,959,111	21,431,256	20,478,270	20,926,084	20,888,721	20,962,308	20,887,644	20,886,071
6/30/2009	7,078,925	13,737,446	16,607,935	17,342,308	18,508,238	18,295,980	18,515,202	18,274,182	18,514,243	18,646,847	18,812,572
6/30/2010	10,375,187	14,437,696	17,282,575	18,977,518	19,583,440	20,085,579	19,851,581	19,484,941	19,510,868	19,383,868	
6/30/2011	10,692,117	15,791,104	19,399,035	20,786,308	20,682,382	20,780,637	20,892,769	20,673,618	20,622,805		
6/30/2012	8,478,543	14,954,825	19,581,809	20,930,848	21,117,127	21,071,379	21,279,052	21,306,068			
6/30/2013	8,753,818	15,015,028	16,912,388	18,939,284	19,008,857	19,041,920	18,887,546				
6/30/2014	11,103,666	17,321,357	21,063,342	24,173,231	25,243,405	25,509,918					
6/30/2015	9,065,196	15,976,345	21,912,934	25,400,823	25,507,779						
6/30/2016	9,031,618	14,427,489	21,604,143	23,439,341							
6/30/2017	10,134,706	15,883,364	21,357,202								
6/30/2018	12,079,521	19,638,997									
6/30/2019	9,390,308										
A.Y.E.	147 Months	159 Months	171 Months	183 Months	195 Months	207 Months	219 Months	231 Months	243 Months		
6/30/2000	14,101,933	14,192,333	14,174,834	14,179,829	14,174,829	14,081,329	14,081,329	14,118,829	14,081,330		
6/30/2001	15,121,324	15,341,604	15,364,508	15,325,308	15,322,807	15,325,807	15,328,308	15,425,308			
6/30/2002	15,840,417	15,884,346	15,980,006	16,094,407	15,955,735	16,003,235	16,000,235				
6/30/2003	15,874,835	15,931,302	15,927,133	15,878,132	15,935,632	15,935,632					
6/30/2004	16,455,910	16,519,410	16,519,410	16,617,000	16,617,000						
6/30/2005	15,860,795	15,635,162	15,712,662	15,712,662							
6/30/2006	19,373,011	19,397,709	19,397,710								
6/30/2007	19,993,916	19,989,865									
6/30/2008	20,795,571										

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
6/30/2000	2.062	1.660	1.236	0.816	1.014	1.097	0.949	0.988	1.003	0.987	1.003
6/30/2001	2.137	1.378	0.907	0.999	1.108	0.995	0.969	0.968	1.011	1.000	0.993
6/30/2002	1.945	1.320	1.123	0.983	1.030	0.950	1.027	0.977	1.012	1.008	1.038
6/30/2003	1.362	1.333	1.177	1.041	0.939	0.988	0.978	0.999	0.988	1.027	1.012
6/30/2004	1.738	1.313	1.174	0.931	1.015	0.930	1.033	0.983	1.015	0.994	1.000
6/30/2005	1.762	1.262	1.009	1.041	0.968	1.019	0.989	0.988	0.976	1.003	0.998
6/30/2006	1.489	1.336	1.085	0.940	1.017	1.012	0.988	0.999	0.992	1.008	1.007
6/30/2007	1.496	1.214	1.135	0.993	1.002	0.987	1.016	1.010	1.011	0.999	1.014
6/30/2008	1.346	1.253	1.101	1.023	0.956	1.022	0.998	1.004	0.996	1.000	0.996
6/30/2009	1.941	1.209	1.044	1.067	0.989	1.012	0.987	1.013	1.007	1.009	
6/30/2010	1.392	1.197	1.098	1.032	1.026	0.988	0.982	1.001	0.993		
6/30/2011	1.477	1.228	1.072	0.995	1.005	1.005	0.990	0.998			
6/30/2012	1.764	1.309	1.069	1.009	0.998	1.010	1.001				
6/30/2013	1.715	1.126	1.120	1.004	1.002	0.992					
6/30/2014	1.560	1.216	1.148	1.044	1.011						
6/30/2015	1.762	1.372	1.159	1.004							
6/30/2016	1.597	1.497	1.085								
6/30/2017	1.567	1.345									
6/30/2018	1.626										
3 Yr Mean	1.597	1.405	1.131	1.017	1.004	1.002	0.991	1.004	0.999	1.003	1.006
Best 3/5	1.597	1.311	1.118	1.006	1.006	1.002	0.992	1.005	0.999	1.004	1.002

A.Y.E.	159:147	171:159	183:171	195:183	207:195	219:207	231:219	243:231			
6/30/2000	1.006	0.999	1.000	1.000	0.993	1.000	1.003	0.997			
6/30/2001	1.015	1.001	0.997	1.000	1.000	1.000	1.006	1.001 *			
6/30/2002	1.003	1.006	1.007	0.991	1.003	1.000	1.000 *	1.001 *			
6/30/2003	1.004	1.000	0.997	1.004	1.000	1.000 *	1.000 *	1.001 *			
6/30/2004	1.004	1.000	1.006	1.000	1.000 *	1.000 *	1.000 *	1.001 *			
6/30/2005	0.986	1.005	1.000								
6/30/2006	1.001	1.000									
6/30/2007	1.000										
3 Yr Mean	0.996	1.002	1.001	0.998	1.001 @	1.000 @	1.005 @	0.997 @			
Best 3/5	1.002	1.002	1.001	1.000	1.000 *	1.000 *	1.001 *	1.001 *			

A.Y.E.	15/ 27	27/ 39	39/ 51	Development From		51/ 63	63/ 75	75/ 87	87/ 99	99/111	111/123	123/135	135/147
6/30/2015							1.006	1.002	0.992	1.005	0.999	1.004	1.002
6/30/2016						1.006	1.006	1.002	0.992	1.005	0.999	1.004	1.002
6/30/2017			1.118			1.006	1.006	1.002	0.992	1.005	0.999	1.004	1.002
6/30/2018		1.311	1.118			1.006	1.006	1.002	0.992	1.005	0.999	1.004	1.002
6/30/2019	1.597	1.311	1.118			1.006	1.006	1.002	0.992	1.005	0.999	1.004	1.002

A.Y.E.	147/159	159/171	171/183	183/195	195/207	207/219	219/231	231/243	243/U1t	FACTORS
6/30/2015	1.002	1.002	1.001	1.000	1.000	1.000	1.001	1.001	1.004*	1.021
6/30/2016	1.002	1.002	1.001	1.000	1.000	1.000	1.001	1.001	1.004*	1.027
6/30/2017	1.002	1.002	1.001	1.000	1.000	1.000	1.001	1.001	1.004*	1.148
6/30/2018	1.002	1.002	1.001	1.000	1.000	1.000	1.001	1.001	1.004*	1.506
6/30/2019	1.002	1.002	1.001	1.000	1.000	1.000	1.001	1.001	1.004*	2.405

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

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

<u>A.Y.E.</u>	<u>15 Months</u>	<u>27 Months</u>	<u>39 Months</u>	<u>51 Months</u>	<u>63 Months</u>	<u>75 Months</u>	<u>87 Months</u>	<u>99 Months</u>	<u>111 Months</u>	<u>123 Months</u>	<u>135 Months</u>
6/30/2000	9,248,225	21,955,803	43,592,378	65,793,440	79,924,504	85,138,286	92,937,003	94,344,372	92,335,863	95,362,248	92,554,063
6/30/2001	9,356,491	27,217,691	54,387,656	79,181,036	96,065,153	102,504,389	105,559,945	107,902,191	109,440,749	110,327,367	112,122,534
6/30/2002	10,331,026	25,360,625	48,177,854	70,487,716	81,274,951	85,783,657	92,689,904	94,037,031	94,375,218	95,475,571	95,453,003
6/30/2003	10,220,905	26,242,758	46,624,362	65,830,575	75,174,340	81,698,263	84,161,618	86,050,671	87,158,510	87,765,370	87,819,319
6/30/2004	8,948,502	22,926,286	46,845,462	66,081,925	75,535,698	83,216,414	85,474,073	87,139,449	87,539,602	88,104,677	88,351,454
6/30/2005	8,966,025	24,270,727	43,632,406	61,665,625	71,868,133	75,449,639	77,281,036	78,420,410	80,110,303	80,348,780	80,607,989
6/30/2006	6,811,337	22,469,975	44,443,668	61,012,012	72,840,507	78,338,022	83,816,801	86,339,899	87,174,993	89,047,122	89,229,471
6/30/2007	8,306,300	23,871,443	46,249,490	63,264,988	71,917,334	76,986,577	79,041,446	80,342,547	80,828,900	81,362,534	81,456,834
6/30/2008	8,800,275	23,857,367	50,905,523	71,220,445	84,336,032	90,017,263	94,905,269	96,554,400	97,610,032	98,272,189	98,658,181
6/30/2009	9,656,636	24,732,461	47,333,338	67,348,769	78,592,235	88,482,285	90,958,161	92,204,443	92,715,118	93,284,608	94,336,072
6/30/2010	11,724,370	29,261,451	57,691,066	82,063,609	94,543,330	100,139,288	102,098,538	104,452,488	105,292,601	105,563,361	
6/30/2011	12,119,511	34,627,239	57,601,903	81,454,551	93,293,669	105,549,311	107,800,703	109,211,572	110,147,324		
6/30/2012	11,801,174	28,912,171	56,780,056	79,417,456	92,656,997	98,949,182	104,120,329	105,344,808			
6/30/2013	10,051,313	27,554,033	52,415,669	76,025,621	88,712,181	95,207,170	97,995,195				
6/30/2014	10,149,714	28,975,944	59,388,570	84,978,025	96,963,602	104,290,551					
6/30/2015	10,380,228	26,699,496	55,460,451	75,524,687	85,532,854						
6/30/2016	8,872,476	26,975,798	51,288,151	74,930,502							
6/30/2017	11,699,144	29,408,481	55,565,773								
6/30/2018	11,587,264	31,019,854									
6/30/2019	11,804,182										

<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>
6/30/2000	92,743,207	92,911,441	92,998,354	93,121,810	93,197,845	93,473,945	93,508,296	93,773,942	93,961,578
6/30/2001	113,158,317	113,225,714	114,089,404	114,792,647	115,084,374	115,842,555	116,690,225	116,891,808	
6/30/2002	95,635,529	96,182,913	96,531,067	96,626,137	96,701,582	96,835,832	97,047,866		
6/30/2003	88,099,650	88,606,400	88,706,745	88,932,185	88,963,620	89,019,579			
6/30/2004	88,367,382	88,365,287	88,409,182	88,144,409	88,145,884				
6/30/2005	80,741,343	81,307,163	81,429,517	81,751,375					
6/30/2006	89,915,588	90,245,391	91,191,078						
6/30/2007	81,617,731	81,618,629							
6/30/2008	98,638,661								

PREMISES/OPERATIONS (Subline Code 334)
 MANUFACTURERS AND CONTRACTORS
 FULL COVERAGE
 MULTISTATE
 BODILY INJURY - 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>	
6/30/2000	12,707,578	21,636,575	22,201,062	14,131,064	5,213,782	7,798,717	1,407,369	-2,008,509	3,026,385	-2,808,185	189,144	168,234	86,913	
6/30/2001	17,861,200	27,169,965	24,793,380	16,884,117	6,439,236	3,055,556	2,342,246	1,538,558	886,618	1,795,167	1,035,783	67,397	863,690	
6/30/2002	15,029,599	22,817,229	22,309,862	10,787,235	4,508,706	6,906,247	1,347,127	338,187	1,100,353	-22,568	182,526	547,384	348,154	
6/30/2003	16,021,853	20,381,604	19,206,213	9,343,765	6,523,923	2,463,355	1,889,053	1,107,839	606,860	53,949	280,331	506,750	100,345	
6/30/2004	13,977,784	23,919,176	19,236,463	9,453,773	7,680,716	2,257,659	1,665,376	400,153	565,075	246,777	15,928	-2,095	43,895	
6/30/2005	15,304,702	19,361,679	18,033,219	10,202,508	3,581,506	1,831,397	1,139,374	1,689,893	238,477	259,209	133,354	565,820	122,354	
6/30/2006	15,658,638	21,973,693	16,568,344	11,828,495	5,497,515	5,478,779	2,523,098	835,094	1,872,129	182,349	686,117	329,803	945,687	
6/30/2007	15,565,143	22,378,047	17,015,498	8,652,346	5,069,243	2,054,869	1,301,101	486,353	533,634	94,300	160,897	898		
6/30/2008	15,057,092	27,048,156	20,314,922	13,115,587	5,681,231	4,888,006	1,649,131	1,055,632	662,157	385,992	-19,520			
6/30/2009	15,075,825	22,600,877	20,015,431	11,243,466	9,890,050	2,475,876	1,246,282	510,675	569,490	1,051,464				
6/30/2010	17,537,081	28,429,615	24,372,543	12,479,721	5,595,958	1,959,250	2,353,950	840,113	270,760					
6/30/2011	22,507,728	22,974,664	23,852,648	11,839,118	12,255,642	2,251,392	1,410,869	935,752						
6/30/2012	17,110,997	27,867,885	22,637,400	13,239,541	6,292,185	5,171,147	1,224,479							
6/30/2013	17,502,720	24,861,636	23,609,952	12,686,560	6,494,989	2,788,025								
6/30/2014	18,826,230	30,412,626	25,589,455	11,985,577	7,326,949									
6/30/2015	16,319,268	28,760,955	20,064,236	10,008,167										
6/30/2016	18,103,322	24,312,353	23,642,351											
6/30/2017	17,709,337	26,157,292												
6/30/2018	19,432,590													

	Incremental Percentages													
A.Y.E.	<u>27: 15</u>	<u>39: 27</u>	<u>51: 39</u>	<u>63: 51</u>	<u>75: 63</u>	<u>87: 75</u>	<u>99: 87</u>	<u>111: 99</u>	<u>123: 111</u>	<u>135: 123</u>	<u>147: 135</u>	<u>159:147</u>	<u>171:159</u>	
6/30/2000	0.0445	0.0757	0.0777	0.0494	0.0182	0.0273	0.0049	-0.0070	0.0106	-0.0098	0.0007	0.0006	0.0003	
6/30/2001	0.0583	0.0887	0.0809	0.0551	0.0210	0.0100	0.0076	0.0050	0.0029	0.0059	0.0034	0.0002	0.0028	
6/30/2002	0.0628	0.0953	0.0932	0.0450	0.0188	0.0288	0.0056	0.0014	0.0046	-0.0001	0.0008	0.0023	0.0015	
6/30/2003	0.0669	0.0851	0.0802	0.0390	0.0272	0.0103	0.0079	0.0046	0.0025	0.0002	0.0012	0.0021	0.0004	
6/30/2004	0.0563	0.0963	0.0774	0.0380	0.0309	0.0091	0.0067	0.0016	0.0023	0.0010	0.0001	0.0000	0.0002	
6/30/2005	0.0692	0.0875	0.0815	0.0461	0.0162	0.0083	0.0052	0.0076	0.0011	0.0012	0.0006	0.0026	0.0006	
6/30/2006	0.0682	0.0958	0.0722	0.0515	0.0240	0.0239	0.0110	0.0036	0.0082	0.0008	0.0030	0.0014	0.0041	
6/30/2007	0.0661	0.0950	0.0723	0.0367	0.0215	0.0087	0.0055	0.0021	0.0023	0.0004	0.0007	0.0000		
6/30/2008	0.0576	0.1034	0.0777	0.0501	0.0217	0.0187	0.0063	0.0040	0.0025	0.0015	-0.0001			
6/30/2009	0.0583	0.0875	0.0775	0.0435	0.0383	0.0096	0.0048	0.0020	0.0022	0.0041				
6/30/2010	0.0715	0.1159	0.0993	0.0509	0.0228	0.0080	0.0096	0.0034	0.0011					
6/30/2011	0.0805	0.0822	0.0853	0.0424	0.0438	0.0081	0.0050	0.0033						
6/30/2012	0.0669	0.1089	0.0885	0.0518	0.0246	0.0202	0.0048							
6/30/2013	0.0701	0.0996	0.0946	0.0508	0.0260	0.0112								
6/30/2014	0.0639	0.1032	0.0869	0.0407	0.0249									
6/30/2015	0.0613	0.1081	0.0754	0.0376										
6/30/2016	0.0704	0.0946	0.0920											
6/30/2017		0.0969												
6/30/2018	0.0655													

Best 3/5	0.0650	0.0999	0.0891	0.0446	0.0252	0.0096	0.0054	0.0029	0.0023	0.0011	0.0005	0.0012	0.0008
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PREMISES/OPERATIONS (Subline Code 334)
 MANUFACTURERS AND CONTRACTORS
 FULL COVERAGE
 MULTISTATE
 PROPERTY DAMAGE - OCCURRENCE
 INCURRED ACCIDENT YEAR BASIC LIMITS LOSS DEVELOPMENT EXCLUDING ALAE

\$100,000 Basic Limit Losses as of:												
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	
6/30/2000	102,661,327	127,396,292	129,641,311	135,140,611	135,037,844	134,215,283	133,116,719	133,775,962	134,110,074	134,603,164	134,453,431	
6/30/2001	111,538,077	119,161,517	129,791,407	134,669,083	135,134,427	135,656,279	136,436,945	136,267,325	136,777,176	137,188,395	137,931,509	
6/30/2002	93,247,753	106,511,754	111,445,991	113,125,901	113,081,618	113,999,985	113,776,474	113,911,978	114,065,581	114,547,922	114,865,890	
6/30/2003	80,176,330	89,102,490	93,731,347	95,685,239	95,511,629	96,157,049	96,415,913	97,469,538	97,652,723	97,708,065	97,916,690	
6/30/2004	91,097,100	104,023,086	108,326,329	108,752,689	109,263,429	109,788,692	109,677,538	110,135,059	110,387,581	110,466,061	110,723,407	
6/30/2005	96,308,770	103,379,002	104,206,844	106,362,410	106,817,619	106,810,290	107,300,657	108,185,736	108,370,847	108,848,779	108,885,255	
6/30/2006	97,260,578	106,157,692	108,766,605	109,971,737	110,989,155	111,950,024	112,511,441	112,903,641	113,100,644	113,804,507	113,847,961	
6/30/2007	101,710,422	111,038,262	113,434,698	114,991,640	116,636,567	117,530,068	118,402,116	119,091,838	120,039,903	120,311,120	120,149,706	
6/30/2008	107,974,770	117,763,744	120,152,353	121,600,996	123,404,037	124,334,757	125,205,210	125,774,625	126,453,345	126,741,748	127,821,523	
6/30/2009	107,839,531	115,948,965	119,414,429	122,110,594	121,995,440	122,874,431	123,376,442	123,792,314	125,274,547	125,978,924	126,227,065	
6/30/2010	101,535,047	110,781,053	113,342,073	115,125,335	116,423,377	116,406,473	116,969,109	117,255,541	117,899,628	118,063,577		
6/30/2011	114,084,272	123,547,225	127,119,287	127,536,183	128,131,422	128,814,006	129,069,410	129,990,361	130,486,820			
6/30/2012	115,724,744	124,255,961	126,691,565	127,395,865	128,327,215	128,932,774	130,057,149	130,905,262				
6/30/2013	105,944,724	115,771,450	120,416,815	121,727,791	122,303,481	123,607,964	124,177,079					
6/30/2014	104,719,792	113,325,980	118,453,755	119,970,718	122,801,082	123,726,852						
6/30/2015	102,284,613	112,771,480	119,238,929	125,364,429	126,060,345							
6/30/2016	104,848,319	116,199,437	123,178,745	125,608,239								
6/30/2017	110,932,095	125,964,883	132,488,313									
6/30/2018	120,448,707	135,093,966										
6/30/2019	116,898,691											
A.Y.E.	147 Months	159 Months	171 Months	183 Months	195 Months	207 Months	219 Months	231 Months	243 Months			
6/30/2000	135,042,548	134,460,077	134,354,087	134,358,231	134,451,389	134,436,831	134,618,768	134,864,917	135,028,887			
6/30/2001	137,921,069	137,846,788	137,993,210	138,039,074	138,150,533	138,314,301	138,567,514	138,697,227				
6/30/2002	114,862,133	115,091,628	115,521,153	116,025,857	116,114,984	115,939,109	116,483,665					
6/30/2003	98,388,268	98,446,522	98,658,658	98,649,807	98,683,986	98,779,275						
6/30/2004	111,026,272	111,148,486	111,578,489	111,780,808	111,814,658							
6/30/2005	108,930,584	109,410,208	109,462,907	109,501,990								
6/30/2006	113,955,874	114,657,351	114,683,094									
6/30/2007	120,456,218	120,515,234										
6/30/2008	128,120,392											

PREMISES/OPERATIONS (Subline Code 334)
MANUFACTURERS AND CONTRACTORS
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
6/30/2000	1.241	1.018	1.042	0.999	0.994	0.992	1.005	1.002	1.004	0.999	1.004
6/30/2001	1.068	1.089	1.038	1.003	1.004	1.006	0.999	1.004	1.003	1.005	1.000
6/30/2002	1.142	1.046	1.015	1.000	1.008	0.998	1.001	1.001	1.004	1.003	1.000
6/30/2003	1.111	1.052	1.021	0.998	1.007	1.003	1.011	1.002	1.001	1.002	1.005
6/30/2004	1.142	1.041	1.004	1.005	1.005	0.999	1.004	1.002	1.001	1.002	1.003
6/30/2005	1.073	1.008	1.021	1.004	1.000	1.005	1.008	1.002	1.004	1.000	1.000
6/30/2006	1.091	1.025	1.011	1.009	1.009	1.005	1.003	1.002	1.006	1.000	1.001
6/30/2007	1.092	1.022	1.014	1.014	1.008	1.007	1.006	1.008	1.002	0.999	1.003
6/30/2008	1.091	1.020	1.012	1.015	1.008	1.007	1.005	1.005	1.002	1.009	1.002
6/30/2009	1.075	1.030	1.023	0.999	1.007	1.004	1.003	1.012	1.006	1.002	
6/30/2010	1.091	1.023	1.016	1.011	1.000	1.005	1.002	1.005	1.001		
6/30/2011	1.083	1.029	1.003	1.005	1.005	1.002	1.007	1.004			
6/30/2012	1.074	1.020	1.006	1.007	1.005	1.009	1.007				
6/30/2013	1.093	1.040	1.011	1.005	1.011	1.005					
6/30/2014	1.082	1.045	1.013	1.024	1.008						
6/30/2015	1.103	1.057	1.051	1.006							
6/30/2016	1.108	1.060	1.020								
6/30/2017	1.136	1.052									
6/30/2018	1.122										
3 Yr Mean	1.122	1.056	1.028	1.012	1.008	1.005	1.005	1.007	1.003	1.003	1.002
Best 3/5	1.111	1.051	1.015	1.006	1.006	1.005	1.005	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			
6/30/2000	0.996	0.999	1.000	1.001	1.000	1.001	1.002	1.001			
6/30/2001	0.999	1.001	1.000	1.001	1.001	1.002	1.001	1.001 *			
6/30/2002	1.002	1.004	1.004	1.001	0.998	1.005	1.001 *	1.001 *			
6/30/2003	1.001	1.002	1.000	1.000	1.001	1.001 *	1.001 *	1.001 *			
6/30/2004	1.001	1.004	1.002	1.000	1.001 *	1.001 *	1.001 *	1.001 *			
6/30/2005	1.004	1.000	1.000								
6/30/2006	1.006	1.000									
6/30/2007	1.000										
3 Yr Mean	1.003	1.001	1.001	1.000	1.000 @	1.003 @	1.002 @	1.001 @			
Best 3/5	1.002	1.002	1.001	1.001	1.001 *	1.001 *	1.001 *	1.001 *			

A.Y.E.	Development From										
	15/ 27	27/ 39	39/ 51	51/ 63	63/ 75	75/ 87	87/ 99	99/111	111/123	123/135	135/147
6/30/2015					1.006	1.005	1.005	1.006	1.003	1.001	1.002
6/30/2016				1.006	1.006	1.005	1.005	1.006	1.003	1.001	1.002
6/30/2017			1.015	1.006	1.006	1.005	1.005	1.006	1.003	1.001	1.002
6/30/2018		1.051	1.015	1.006	1.006	1.005	1.005	1.006	1.003	1.001	1.002
6/30/2019	1.111	1.051	1.015	1.006	1.006	1.005	1.005	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/U1t	FACTORS
6/30/2015	1.002	1.002	1.001	1.001	1.001	1.001	1.001	1.001	1.004*	1.043
6/30/2016	1.002	1.002	1.001	1.001	1.001	1.001	1.001	1.001	1.004*	1.049
6/30/2017	1.002	1.002	1.001	1.001	1.001	1.001	1.001	1.001	1.004*	1.065
6/30/2018	1.002	1.002	1.001	1.001	1.001	1.001	1.001	1.001	1.004*	1.119
6/30/2019	1.002	1.002	1.001	1.001	1.001	1.001	1.001	1.001	1.004*	1.243

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

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

\$100,000 Basic Limit Losses as of:												
A.Y.E.	15 Months	27 Months	39 Months	51 Months	63 Months	75 Months	87 Months	99 Months	111 Months	123 Months	135 Months	
6/30/2000	17,673,675	22,108,271	25,001,569	27,241,256	28,001,814	27,754,507	28,102,944	27,933,654	28,047,877	28,348,695	28,646,289	
6/30/2001	20,940,497	26,001,196	28,398,309	29,878,968	30,356,461	30,772,349	31,066,677	31,806,376	32,401,002	32,373,406	32,085,749	
6/30/2002	19,194,547	23,680,907	23,886,327	24,026,676	24,379,225	25,607,403	25,660,486	26,313,057	26,291,869	26,357,931	26,355,078	
6/30/2003	19,975,742	21,790,867	21,959,531	22,529,924	23,684,404	23,582,781	24,072,694	24,288,895	24,482,993	24,687,867	24,718,206	
6/30/2004	20,012,295	22,879,381	24,915,859	25,152,370	25,341,072	25,857,002	26,040,661	26,192,753	26,276,736	26,354,121	26,512,244	
6/30/2005	21,094,878	23,983,166	25,747,473	26,303,541	26,396,925	26,084,589	26,360,298	26,494,550	26,959,431	27,145,596	27,241,773	
6/30/2006	20,984,380	24,358,050	25,391,313	25,715,173	25,495,867	25,778,894	25,985,259	26,188,650	26,334,463	26,732,434	26,698,176	
6/30/2007	24,879,237	26,525,350	27,646,747	27,597,777	27,494,570	27,244,526	27,605,737	27,490,615	27,534,031	27,655,349	27,705,260	
6/30/2008	25,902,340	28,878,327	30,205,350	31,036,227	30,481,547	30,971,562	31,129,502	31,103,275	31,547,743	31,672,568	31,815,617	
6/30/2009	27,150,650	27,485,317	28,662,436	28,868,280	28,695,095	28,678,532	28,409,304	28,740,068	28,966,992	29,147,572	29,146,740	
6/30/2010	21,354,848	23,074,353	23,448,995	23,745,828	23,738,685	23,861,160	24,485,451	24,381,149	24,554,984	24,532,897		
6/30/2011	22,720,306	23,645,352	24,491,764	24,246,283	24,443,116	24,663,483	24,743,616	25,231,705	25,014,563			
6/30/2012	21,917,930	24,092,545	24,879,321	25,157,589	25,131,256	25,318,254	25,513,918	25,500,312				
6/30/2013	20,476,337	22,840,025	23,865,248	23,846,693	23,413,535	23,390,529	23,460,398					
6/30/2014	22,237,658	24,162,553	24,654,007	24,911,288	25,108,344	25,387,437						
6/30/2015	23,708,573	26,288,165	27,062,341	27,962,234	27,956,023							
6/30/2016	24,671,300	26,339,545	27,395,020	26,613,959								
6/30/2017	21,601,096	24,953,274	26,969,719									
6/30/2018	24,312,634	26,344,705										
6/30/2019	22,453,806											
A.Y.E.	147 Months	159 Months	171 Months	183 Months	195 Months	207 Months	219 Months	231 Months	243 Months			
6/30/2000	28,588,071	28,403,187	28,402,784	28,357,784	28,360,115	28,208,092	28,224,659	28,227,838	28,229,522			
6/30/2001	32,263,545	32,436,704	32,545,972	32,554,564	32,454,377	32,503,444	32,516,722	32,528,767				
6/30/2002	26,539,135	26,580,664	26,418,748	26,284,831	26,294,995	26,207,234	26,194,214					
6/30/2003	24,786,803	24,727,745	24,681,698	24,768,514	24,727,942	24,735,216						
6/30/2004	26,500,572	26,467,889	26,504,604	26,512,560	26,621,775							
6/30/2005	27,121,437	27,300,316	27,365,808	27,212,795								
6/30/2006	26,880,154	26,803,603	26,817,228									
6/30/2007	27,801,753	27,793,534										
6/30/2008	31,765,718											

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

INCURRED ACCIDENT YEAR BASIC LIMITS LOSS DEVELOPMENT EXCLUDING ALAE

Link Ratios

A.Y.E.	27: 15	39: 27	51: 39	63: 51	75: 63	87: 75	99: 87	111: 99	123:111	135:123	147:135
6/30/2000	1.251	1.131	1.090	1.028	0.991	1.013	0.994	1.004	1.011	1.010	0.998
6/30/2001	1.242	1.092	1.052	1.016	1.014	1.010	1.024	1.019	0.999	0.991	1.006
6/30/2002	1.234	1.009	1.006	1.015	1.050	1.002	1.025	0.999	1.003	1.000	1.007
6/30/2003	1.091	1.008	1.026	1.051	0.996	1.021	1.009	1.008	1.008	1.001	1.003
6/30/2004	1.143	1.089	1.009	1.008	1.020	1.007	1.006	1.003	1.003	1.006	1.000
6/30/2005	1.137	1.074	1.022	1.004	0.988	1.011	1.005	1.018	1.007	1.004	0.996
6/30/2006	1.161	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	1.115	1.046	1.028	0.982	1.016	1.005	0.999	1.014	1.004	1.005	0.998
6/30/2009	1.012	1.043	1.007	0.994	0.999	0.991	1.012	1.008	1.006	1.000	
6/30/2010	1.081	1.016	1.013	1.000	1.005	1.026	0.996	1.007	0.999		
6/30/2011	1.041	1.036	0.990	1.008	1.009	1.003	1.020	0.991			
6/30/2012	1.099	1.033	1.011	0.999	1.007	1.008	0.999				
6/30/2013	1.115	1.045	0.999	0.982	0.999	1.003					
6/30/2014	1.087	1.020	1.010	1.008	1.011						
6/30/2015	1.109	1.029	1.033	1.000							
6/30/2016	1.068	1.040	0.971								
6/30/2017	1.155	1.081									
6/30/2018	1.084										
3 Yr Mean	1.102	1.050	1.005	0.997	1.006	1.005	1.005	1.002	1.003	1.002	1.003
Best 3/5	1.093	1.038	1.007	1.002	1.007	1.005	1.003	1.006	1.005	1.002	1.000

A.Y.E.	159:147	171:159	183:171	195:183	207:195	219:207	231:219	243:231			
6/30/2000	0.994	1.000	0.998	1.000	0.995	1.001	1.000	1.000			
6/30/2001	1.005	1.003	1.000	0.997	1.002	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	0.999 *	1.000 *	1.000 *			
6/30/2004	0.999	1.001	1.000	1.004	1.000 *	0.999 *	1.000 *	1.000 *			
6/30/2005	1.007	1.002	0.994								
6/30/2006	0.997	1.001									
6/30/2007	1.000										
3 Yr Mean	1.001	1.001	0.999	1.001	1.000 @	1.000 @	1.000 @	1.000 @			
Best 3/5	0.999	1.000	0.998	0.999	0.999 *	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
6/30/2015					1.007	1.005	1.003	1.006	1.005	1.002	1.000
6/30/2016				1.002	1.007	1.005	1.003	1.006	1.005	1.002	1.000
6/30/2017			1.007	1.002	1.007	1.005	1.003	1.006	1.005	1.002	1.000
6/30/2018		1.038	1.007	1.002	1.007	1.005	1.003	1.006	1.005	1.002	1.000
6/30/2019	1.093	1.038	1.007	1.002	1.007	1.005	1.003	1.006	1.005	1.002	1.000

A.Y.E.	147/159	159/171	171/183	183/195	195/207	207/219	219/231	231/243	243/U1t	FACTORS
6/30/2015	0.999	1.000	0.998	0.999	0.999	1.000	1.000	1.000	1.000*	1.023
6/30/2016	0.999	1.000	0.998	0.999	0.999	1.000	1.000	1.000	1.000*	1.025
6/30/2017	0.999	1.000	0.998	0.999	0.999	1.000	1.000	1.000	1.000*	1.032
6/30/2018	0.999	1.000	0.998	0.999	0.999	1.000	1.000	1.000	1.000*	1.072
6/30/2019	0.999	1.000	0.998	0.999	0.999	1.000	1.000	1.000	1.000*	1.171

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

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

<u>A.Y.E.</u>	<u>15 Months</u>	<u>27 Months</u>	<u>39 Months</u>	<u>51 Months</u>	<u>63 Months</u>	<u>75 Months</u>	<u>87 Months</u>	<u>99 Months</u>	<u>111 Months</u>	<u>123 Months</u>	<u>135 Months</u>
6/30/2000	9,259,565	16,755,240	21,739,170	29,440,835	35,010,131	40,767,178	44,240,220	47,342,439	50,512,090	51,834,831	51,653,659
6/30/2001	10,305,391	15,057,682	24,524,460	35,340,392	46,081,957	52,076,318	57,229,694	60,410,585	62,165,956	63,083,266	64,946,162
6/30/2002	7,318,287	14,569,822	20,992,159	27,748,897	34,186,680	39,049,047	41,604,047	42,805,944	44,218,213	44,453,156	44,966,695
6/30/2003	7,545,176	13,914,707	20,872,557	27,774,546	32,979,096	33,900,466	37,674,083	38,340,977	39,473,984	40,637,086	41,639,401
6/30/2004	6,456,908	13,374,881	21,498,127	28,825,049	33,065,897	36,039,345	37,154,675	38,682,804	39,906,405	40,382,646	40,894,580
6/30/2005	8,104,742	12,968,671	18,822,537	25,054,737	29,519,324	32,320,219	35,278,007	36,671,220	37,844,112	38,342,303	38,724,459
6/30/2006	7,940,920	14,193,778	22,052,718	28,185,528	33,536,663	37,770,224	40,166,051	42,228,197	43,809,935	45,000,716	45,884,753
6/30/2007	7,270,795	13,508,321	21,060,383	27,689,467	33,368,682	37,779,430	40,022,763	41,607,611	43,717,763	44,619,835	45,219,088
6/30/2008	8,943,343	16,889,120	25,871,163	33,289,818	39,144,351	41,116,072	43,145,842	46,774,479	48,587,781	50,788,565	51,820,926
6/30/2009	8,020,100	14,938,514	22,494,974	29,686,293	34,851,746	37,198,843	38,827,029	40,122,646	41,435,642	42,708,422	43,443,876
6/30/2010	8,906,045	17,861,522	23,693,746	30,793,502	34,860,647	36,663,524	39,663,472	40,629,264	42,631,081	43,434,212	
6/30/2011	8,915,118	15,331,728	24,018,708	30,069,115	33,369,369	36,040,563	37,407,109	39,313,407	40,995,695		
6/30/2012	9,966,205	16,695,953	23,398,336	26,357,303	30,428,057	33,236,799	33,941,640	35,111,832			
6/30/2013	9,378,284	18,762,659	28,963,568	38,098,424	44,884,864	49,017,488	51,130,609				
6/30/2014	9,003,782	18,686,345	28,876,549	35,313,476	42,128,460	46,147,356					
6/30/2015	7,590,175	14,890,302	23,783,794	32,794,668	42,811,350						
6/30/2016	9,957,987	20,132,354	27,220,501	33,774,371							
6/30/2017	9,774,690	16,649,737	24,311,703								
6/30/2018	10,569,978	19,072,363									
6/30/2019	11,458,814										

<u>A.Y.E.</u>	<u>147 Months</u>	<u>159 Months</u>	<u>171 Months</u>	<u>183 Months</u>	<u>195 Months</u>	<u>207 Months</u>	<u>219 Months</u>	<u>231 Months</u>	<u>243 Months</u>
6/30/2000	53,231,730	53,106,119	52,684,170	52,685,513	52,721,322	52,726,609	52,805,172	52,842,520	52,933,234
6/30/2001	66,430,766	66,260,318	65,919,735	66,282,709	66,377,721	66,555,218	66,637,446	66,930,029	
6/30/2002	45,662,297	45,882,068	46,859,157	47,089,715	47,119,114	47,433,658	48,087,820		
6/30/2003	42,522,794	43,602,105	43,868,167	43,957,440	44,114,397	44,303,692			
6/30/2004	41,342,157	41,695,923	43,624,829	44,150,334	44,970,269				
6/30/2005	38,623,439	39,409,469	39,756,612	39,994,423					
6/30/2006	46,775,260	47,371,810	47,924,855						
6/30/2007	45,870,473	46,379,884							
6/30/2008	52,774,447								

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

	Increments												
A.Y.E.	27: 15	39: 27	51: 39	63: 51	75: 63	87: 75	99: 87	111: 99	123: 111	135: 123	147: 135	159:147	171:159
6/30/2000	7,495,675	4,983,930	7,701,665	5,569,296	5,757,047	3,473,042	3,102,219	3,169,651	1,322,741	-181,172	1,578,071	-125,611	-421,949
6/30/2001	4,752,291	9,466,778	10,815,932	10,741,565	5,994,361	5,153,376	3,180,891	1,755,371	917,310	1,862,896	1,484,604	-170,448	-340,583
6/30/2002	7,251,535	6,422,337	6,756,738	6,437,783	4,862,367	2,555,000	1,201,897	1,412,269	234,943	513,539	695,602	219,771	977,089
6/30/2003	6,369,531	6,957,850	6,901,989	5,204,550	921,370	3,773,617	666,894	1,133,007	1,163,102	1,002,315	883,393	1,079,311	266,062
6/30/2004	6,917,973	8,123,246	7,326,922	4,240,848	2,973,448	1,115,330	1,528,129	1,223,601	476,241	511,934	447,577	353,766	1,928,906
6/30/2005	4,863,929	5,853,866	6,232,200	4,464,587	2,800,895	2,957,788	1,393,213	1,172,892	498,191	382,156	-101,020	786,030	347,143
6/30/2006	6,252,858	7,858,940	6,132,810	5,351,135	4,233,561	2,395,827	2,062,146	1,581,738	1,190,781	884,037	890,507	596,550	553,045
6/30/2007	6,237,526	7,552,062	6,629,084	5,679,215	4,410,748	2,243,333	1,584,848	2,110,152	902,072	599,253	651,385	509,411	
6/30/2008	7,945,777	8,982,043	7,418,655	5,854,533	1,971,721	2,029,770	3,628,637	1,813,302	2,200,784	1,032,361	953,521		
6/30/2009	6,918,414	7,556,460	7,191,319	5,165,453	2,347,097	1,628,186	1,295,617	1,312,996	1,272,780	735,454			
6/30/2010	8,955,477	5,832,224	7,099,756	4,067,145	1,802,877	2,999,948	965,792	2,001,817	803,131				
6/30/2011	6,416,610	8,686,980	6,050,407	3,300,254	2,671,194	1,366,546	1,906,298	1,682,288					
6/30/2012	6,729,748	6,702,383	2,958,967	4,070,754	2,808,742	704,841	1,170,192						
6/30/2013	9,384,375	10,200,909	9,134,856	6,786,440	4,132,624	2,113,121							
6/30/2014	9,682,563	10,190,204	6,436,927	6,814,984	4,018,896								
6/30/2015	7,300,127	8,893,492	9,010,874	10,016,682									
6/30/2016	10,174,367	7,088,147	6,553,870										
6/30/2017	6,875,047	7,661,966											
6/30/2018	8,502,385												

	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
6/30/2000	0.0419	0.0278	0.0430	0.0311	0.0322	0.0194	0.0173	0.0177	0.0074	-0.0010	0.0088	-0.0007	-0.0024
6/30/2001	0.0261	0.0521	0.0595	0.0591	0.0330	0.0283	0.0175	0.0097	0.0050	0.0102	0.0082	-0.0009	-0.0019
6/30/2002	0.0472	0.0418	0.0440	0.0419	0.0316	0.0166	0.0078	0.0092	0.0015	0.0033	0.0045	0.0014	0.0064
6/30/2003	0.0493	0.0538	0.0534	0.0403	0.0071	0.0292	0.0052	0.0088	0.0090	0.0078	0.0068	0.0083	0.0021
6/30/2004	0.0472	0.0555	0.0500	0.0290	0.0203	0.0076	0.0104	0.0084	0.0033	0.0035	0.0031	0.0024	0.0132
6/30/2005	0.0340	0.0410	0.0436	0.0312	0.0196	0.0207	0.0098	0.0082	0.0035	0.0027	-0.0007	0.0055	0.0024
6/30/2006	0.0418	0.0526	0.0410	0.0358	0.0283	0.0160	0.0138	0.0106	0.0080	0.0059	0.0060	0.0040	0.0037
6/30/2007	0.0409	0.0496	0.0435	0.0373	0.0290	0.0147	0.0104	0.0139	0.0059	0.0039	0.0043	0.0033	
6/30/2008	0.0457	0.0517	0.0427	0.0337	0.0113	0.0117	0.0209	0.0104	0.0127	0.0059	0.0055		
6/30/2009	0.0413	0.0452	0.0430	0.0309	0.0140	0.0097	0.0077	0.0078	0.0076	0.0044			
6/30/2010	0.0570	0.0371	0.0452	0.0259	0.0115	0.0191	0.0062	0.0127	0.0051				
6/30/2011	0.0361	0.0489	0.0341	0.0186	0.0150	0.0077	0.0107	0.0095					
6/30/2012	0.0384	0.0382	0.0169	0.0232	0.0160	0.0040	0.0067						
6/30/2013	0.0552	0.0600	0.0537	0.0399	0.0243	0.0124							
6/30/2014	0.0549	0.0578	0.0365	0.0386	0.0228								
6/30/2015	0.0406	0.0494	0.0501	0.0557									
6/30/2016	0.0566	0.0394	0.0365										
6/30/2017	0.0357	0.0398											
6/30/2018	0.0400												

Best 3/5	0.0451	0.0490	0.0410	0.0339	0.0179	0.0099	0.0084	0.0109	0.0072	0.0047	0.0043	0.0043	0.0042
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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
6/30/2000	9,984,512	12,876,470	15,631,844	16,857,655	16,738,847	16,662,320	16,820,635	17,141,583	16,781,486	16,753,549	16,797,644
6/30/2001	9,504,099	13,647,728	16,018,935	16,435,285	16,841,736	17,035,114	17,647,573	17,840,740	17,384,247	17,121,743	17,326,861
6/30/2002	9,426,888	13,793,259	14,994,024	15,148,340	15,541,887	15,184,907	14,852,650	14,695,463	14,658,155	14,481,889	14,399,545
6/30/2003	9,511,522	10,525,056	11,906,404	13,237,380	12,452,607	12,543,444	11,661,272	11,807,044	11,879,795	11,662,050	11,709,067
6/30/2004	12,078,325	17,789,587	21,264,516	21,913,501	21,934,636	20,387,268	19,640,961	19,530,632	19,351,208	19,527,080	19,277,244
6/30/2005	12,761,808	15,834,097	17,691,913	18,199,025	17,320,818	16,865,257	16,741,856	16,826,834	16,819,879	16,702,013	16,699,823
6/30/2006	13,552,096	17,608,318	18,485,273	17,736,124	17,608,334	17,388,440	17,229,825	17,201,229	16,951,634	17,243,384	17,120,287
6/30/2007	13,110,068	15,010,194	16,616,390	16,678,277	15,700,846	15,573,029	15,187,716	15,304,570	15,033,355	15,009,697	15,104,063
6/30/2008	9,896,789	11,757,941	12,275,298	12,165,008	12,027,643	11,661,734	11,475,818	11,458,830	11,534,509	11,509,718	11,694,052
6/30/2009	8,334,431	10,657,717	11,227,231	11,146,403	10,989,220	10,923,899	10,558,298	10,502,290	10,365,912	10,378,600	10,233,796
6/30/2010	9,330,643	10,563,486	11,462,719	11,535,597	10,986,165	11,005,756	11,076,715	11,011,441	11,072,976	11,070,073	
6/30/2011	7,674,699	9,075,711	9,971,451	9,104,188	9,238,076	9,336,636	9,698,931	9,686,166	9,741,091		
6/30/2012	5,654,940	6,948,069	7,412,056	8,360,688	7,957,459	8,406,909	8,365,930	8,582,502			
6/30/2013	6,015,486	7,184,946	7,807,475	8,381,477	8,616,479	8,780,057	8,845,854				
6/30/2014	5,599,711	8,451,210	9,865,169	10,287,036	10,242,608	10,305,290					
6/30/2015	7,335,065	9,923,861	10,518,746	11,605,987	11,512,478						
6/30/2016	6,681,718	8,315,546	9,109,036	9,216,090							
6/30/2017	6,012,067	8,176,424	9,228,941								
6/30/2018	7,417,298	8,842,600									
6/30/2019	5,291,569										
A.Y.E.	147 Months	159 Months	171 Months	183 Months	195 Months	207 Months	219 Months	231 Months	243 Months		
6/30/2000	16,811,343	16,809,632	16,797,616	16,841,200	16,822,759	16,820,943	16,814,113	16,814,128	16,814,113		
6/30/2001	17,144,098	17,100,152	17,343,088	17,228,088	17,328,088	17,308,079	17,408,063	17,408,063			
6/30/2002	14,520,574	14,459,463	14,448,932	14,479,752	14,467,248	14,467,248	14,467,248				
6/30/2003	11,460,804	11,460,804	11,560,804	11,568,804	11,568,804	11,668,804					
6/30/2004	19,365,888	19,388,540	19,370,888	19,370,891	19,380,888						
6/30/2005	16,599,823	16,538,843	16,533,843								
6/30/2006	17,013,392	16,999,226	17,001,574								
6/30/2007	15,099,813	15,099,813									
6/30/2008	11,702,849										

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

FRINGE COVERAGE - OCCURRENCE
INCURRED ACCIDENT YEAR BASIC LIMITS LOSS DEVELOPMENT EXCLUDING ALAE

	Link Ratios										
A.Y.E.	27: 15	39: 27	51: 39	63: 51	75: 63	87: 75	99: 87	111: 99	123:111	135:123	147:135
6/30/2000	1.290	1.214	1.078	0.993	0.995	1.010	1.019	0.979	0.998	1.003	1.001
6/30/2001	1.436	1.174	1.026	1.025	1.011	1.036	1.011	0.974	0.985	1.012	0.989
6/30/2002	1.463	1.087	1.010	1.026	0.977	0.978	0.989	0.997	0.988	0.994	1.008
6/30/2003	1.107	1.131	1.112	0.941	1.007	0.930	1.013	1.006	0.982	1.004	0.979
6/30/2004	1.473	1.195	1.031	1.001	0.929	0.963	0.994	0.991	1.009	0.987	1.005
6/30/2005	1.241	1.117	1.029	0.952	0.974	0.993	1.005	1.000	0.993	1.000	0.994
6/30/2006	1.299	1.050	0.959	0.993	0.988	0.991	0.998	0.985	1.017	0.993	0.994
6/30/2007	1.145	1.107	1.004	0.941	0.992	0.975	1.008	0.982	0.998	1.006	1.000
6/30/2008	1.188	1.044	0.991	0.989	0.970	0.984	0.999	1.007	0.998	1.016	1.001
6/30/2009	1.279	1.053	0.993	0.986	0.994	0.967	0.995	0.987	1.001	0.986	
6/30/2010	1.132	1.085	1.006	0.952	1.002	1.006	0.994	1.006	1.000		
6/30/2011	1.183	1.099	0.913	1.015	1.011	1.039	0.999	1.006			
6/30/2012	1.229	1.067	1.128	0.952	1.056	0.995	1.026				
6/30/2013	1.194	1.087	1.074	1.028	1.019	1.007					
6/30/2014	1.509	1.167	1.043	0.996	1.006						
6/30/2015	1.353	1.060	1.103	0.992							
6/30/2016	1.245	1.095	1.012								
6/30/2017	1.360	1.129									
6/30/2018	1.192										
3 Yr Mean	1.266	1.095	1.053	1.005	1.027	1.014	1.006	1.000	1.000	1.003	0.998
Best 3/5	1.319	1.104	1.073	1.001	1.012	1.003	0.998	1.000	1.000	1.000	0.998

A.Y.E.	159:147	171:159	183:171	195:183	207:195	219:207	231:219	243:231			
6/30/2000	1.000	0.999	1.003	0.999	1.000	1.000	1.000	1.000			
6/30/2001	0.997	1.014	0.993	1.006	0.999	1.006	1.000	1.000 *			
6/30/2002	0.996	0.999	1.002	0.999	1.000	1.000	1.000 *	1.000 *			
6/30/2003	1.000	1.009	1.001	1.000	1.009	1.000 *	1.000 *	1.000 *			
6/30/2004	1.001	0.999	1.000	1.001	1.000 *	1.000 *	1.000 *	1.000 *			
6/30/2005	0.996	1.000	1.000								
6/30/2006	0.999	1.000									
6/30/2007	1.000										
3 Yr Mean	0.998	1.000	1.000	1.000	1.003 @	1.002 @	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	Development From		51/ 63	63/ 75	75/ 87	87/ 99	99/111	111/123	123/135	135/147
6/30/2015							1.012	1.003	0.998	1.000	1.000	1.000	0.998
6/30/2016						1.001	1.012	1.003	0.998	1.000	1.000	1.000	0.998
6/30/2017						1.001	1.012	1.003	0.998	1.000	1.000	1.000	0.998
6/30/2018						1.001	1.012	1.003	0.998	1.000	1.000	1.000	0.998
6/30/2019	1.319	1.104	1.073			1.001	1.012	1.003	0.998	1.000	1.000	1.000	0.998

A.Y.E.	147/159	159/171	171/183	183/195	195/207	207/219	219/231	231/243	243/U1t	FACTORS
6/30/2015	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000*	1.011
6/30/2016	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000*	1.012
6/30/2017	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000*	1.086
6/30/2018	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000*	1.199
6/30/2019	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000*	1.581

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

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

<u>A.Y.E.</u>	<u>15 Months</u>	<u>27 Months</u>	<u>39 Months</u>	<u>51 Months</u>	<u>63 Months</u>	<u>75 Months</u>	<u>87 Months</u>	<u>99 Months</u>	<u>111 Months</u>	<u>123 Months</u>	<u>135 Months</u>
6/30/2000	2,605,664	5,408,691	8,551,012	11,487,550	12,440,382	13,789,507	14,508,179	15,128,584	16,853,048	17,850,894	18,276,339
6/30/2001	2,375,468	7,102,112	10,989,865	13,590,095	15,493,861	16,180,282	16,846,136	17,529,139	18,207,581	18,461,038	18,717,657
6/30/2002	1,573,884	6,644,331	10,211,718	11,519,782	12,907,202	14,150,633	14,314,330	14,627,036	14,751,033	14,895,905	14,957,337
6/30/2003	1,643,884	4,283,747	6,386,039	9,453,378	10,339,243	11,137,381	11,335,894	11,868,772	12,208,175	12,279,159	12,324,646
6/30/2004	1,674,051	4,808,252	9,060,436	14,406,091	21,644,440	24,870,986	21,039,807	20,990,499	21,928,963	21,896,805	23,277,409
6/30/2005	2,095,394	4,519,224	10,653,281	12,970,048	15,204,989	16,152,593	16,427,705	16,594,889	17,007,992	18,240,606	18,253,582
6/30/2006	1,299,968	4,375,290	9,892,647	14,959,142	17,021,773	18,502,038	19,102,816	19,240,366	19,635,548	19,488,881	19,711,452
6/30/2007	2,150,932	4,441,432	7,071,929	9,004,086	10,570,784	11,512,753	11,818,750	12,568,868	12,633,094	12,662,568	12,625,069
6/30/2008	1,764,591	5,188,682	10,382,793	11,832,606	13,232,887	14,355,484	14,777,469	15,510,394	15,763,456	15,836,820	15,884,729
6/30/2009	1,123,223	2,939,925	7,132,734	12,123,891	13,387,990	14,801,845	16,019,666	16,350,388	17,271,225	17,864,911	17,696,557
6/30/2010	1,745,763	5,170,238	9,157,729	11,436,829	13,633,987	13,950,913	14,417,905	14,525,760	14,919,381	14,928,305	
6/30/2011	992,739	3,358,549	9,943,926	14,458,367	17,360,989	19,298,922	21,577,015	21,334,425	21,580,439		
6/30/2012	1,072,834	4,071,240	8,076,976	12,429,016	12,725,907	14,039,942	14,727,050	14,653,711			
6/30/2013	1,951,077	4,253,907	8,347,248	10,025,009	11,105,734	11,404,501	12,149,541				
6/30/2014	1,829,817	5,105,348	9,230,862	11,210,950	15,873,753	16,258,868					
6/30/2015	2,741,080	5,126,454	8,508,556	11,976,570	12,648,716						
6/30/2016	1,896,320	5,906,217	8,182,622	11,185,500							
6/30/2017	1,090,762	3,213,608	4,752,667								
6/30/2018	3,505,277	5,889,520									
6/30/2019	1,018,166										

<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>
6/30/2000	18,487,343	18,504,050	18,513,924	18,515,338	18,535,968	18,538,208	18,523,443	18,523,454	18,544,215
6/30/2001	18,896,564	19,121,366	20,429,659	19,388,370	20,289,360	20,203,819	20,253,807	20,353,807	
6/30/2002	15,012,790	15,052,474	15,192,842	15,234,085	15,245,091	15,245,091	15,245,091		
6/30/2003	12,466,415	12,459,026	12,459,026	12,459,026	12,459,032	12,665,017			
6/30/2004	23,013,909	23,107,362	23,700,141	23,700,141	23,702,480				
6/30/2005	18,317,884	18,332,152	18,339,490	18,359,639					
6/30/2006	19,765,407	19,766,348	19,767,914						
6/30/2007	12,625,069	12,625,069							
6/30/2008	15,880,490								

PREMISES/OPERATIONS (Subline Code 334)
 MANUFACTURERS AND CONTRACTORS
 FULL COVERAGE
 MULTISTATE
 FRINGE COVERAGE - 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>
6/30/2000	2,803,027	3,142,321	2,936,538	952,832	1,349,125	718,672	620,405	1,724,464	997,846	425,445	211,004	16,707	9,874
6/30/2001	4,726,644	3,887,753	2,600,230	1,903,766	686,421	665,854	683,003	678,442	253,457	256,619	178,907	224,802	1,308,293
6/30/2002	5,070,447	3,567,387	1,308,064	1,387,420	1,243,431	163,697	312,706	123,997	144,872	61,432	55,453	39,684	140,368
6/30/2003	2,639,863	2,102,292	3,067,339	885,865	798,138	198,513	532,878	339,403	70,984	45,487	141,769	-7,389	0
6/30/2004	3,134,201	4,252,184	5,345,655	7,238,349	3,226,546	-3,831,179	-49,308	938,464	-32,158	1,380,604	-263,500	93,453	592,779
6/30/2005	2,423,830	6,134,057	2,316,767	2,234,941	947,604	275,112	167,184	413,103	1,232,614	12,976	64,302	14,268	7,338
6/30/2006	3,075,322	5,517,357	5,066,495	2,062,631	1,480,265	600,778	137,550	395,182	-146,667	222,571	53,955	941	1,566
6/30/2007	2,290,500	2,630,497	1,932,157	1,566,698	941,969	305,997	750,118	64,226	29,474	-37,499	0	0	
6/30/2008	3,424,091	5,194,111	1,449,813	1,400,281	1,122,597	421,985	732,925	253,062	73,364	47,909	-4,239		
6/30/2009	1,816,702	4,192,809	4,991,157	1,264,099	1,413,855	1,217,821	330,722	920,837	593,686	-168,354			
6/30/2010	3,424,475	3,987,491	2,279,100	2,197,158	316,926	466,992	107,855	393,621	8,924				
6/30/2011	2,365,810	6,585,377	4,514,441	2,902,622	1,937,933	2,278,093	-242,590	246,014					
6/30/2012	2,998,406	4,005,736	4,352,040	296,891	1,314,035	687,108	-73,339						
6/30/2013	2,302,830	4,093,341	1,677,761	1,080,725	298,767	745,040							
6/30/2014	3,275,531	4,125,514	1,980,088	4,662,803	385,115								
6/30/2015	2,385,374	3,382,102	3,468,014	672,146									
6/30/2016	4,009,897	2,276,405	3,002,878										
6/30/2017	2,122,846	1,539,059											
6/30/2018	2,384,243												

	Incremental Percentages												
A.Y.E.	<u>27: 15</u>	<u>39: 27</u>	<u>51: 39</u>	<u>63: 51</u>	<u>75: 63</u>	<u>87: 75</u>	<u>99: 87</u>	<u>111: 99</u>	<u>123: 111</u>	<u>135: 123</u>	<u>147: 135</u>	<u>159:147</u>	<u>171:159</u>
6/30/2000	0.1025	0.1149	0.1074	0.0348	0.0493	0.0263	0.0227	0.0630	0.0365	0.0156	0.0077	0.0006	0.0004
6/30/2001	0.1686	0.1387	0.0928	0.0679	0.0245	0.0238	0.0244	0.0242	0.0090	0.0092	0.0064	0.0080	0.0467
6/30/2002	0.2185	0.1538	0.0564	0.0598	0.0536	0.0071	0.0135	0.0053	0.0062	0.0026	0.0024	0.0017	0.0060
6/30/2003	0.1365	0.1087	0.1586	0.0458	0.0413	0.0103	0.0276	0.0176	0.0037	0.0024	0.0073	-0.0004	0.0000
6/30/2004	0.1094	0.1485	0.1867	0.2528	0.1127	-0.1338	-0.0017	0.0328	-0.0011	0.0482	-0.0092	0.0033	0.0207
6/30/2005	0.0952	0.2409	0.0910	0.0878	0.0372	0.0108	0.0066	0.0162	0.0484	0.0005	0.0025	0.0006	0.0003
6/30/2006	0.1043	0.1871	0.1718	0.0700	0.0502	0.0204	0.0047	0.0134	-0.0050	0.0075	0.0018	0.0000	0.0001
6/30/2007	0.0928	0.1066	0.0783	0.0635	0.0382	0.0124	0.0304	0.0026	0.0012	-0.0015	0.0000	0.0000	
6/30/2008	0.1869	0.2835	0.0791	0.0764	0.0613	0.0230	0.0400	0.0138	0.0040	0.0026	-0.0002		
6/30/2009	0.1103	0.2547	0.3031	0.0768	0.0859	0.0740	0.0201	0.0559	0.0361	-0.0102			
6/30/2010	0.1979	0.2304	0.1317	0.1270	0.0183	0.0270	0.0062	0.0227	0.0005				
6/30/2011	0.1507	0.4195	0.2876	0.1849	0.1234	0.1451	-0.0155	0.0157					
6/30/2012	0.2033	0.2716	0.2951	0.0201	0.0891	0.0466	-0.0050						
6/30/2013	0.1659	0.2949	0.1209	0.0778	0.0215	0.0537							
6/30/2014	0.1836	0.2312	0.1110	0.2614	0.0216								
6/30/2015	0.1038	0.1472	0.1510	0.0293									
6/30/2016	0.2065	0.1172	0.1546										
6/30/2017	0.1399	0.1014											
6/30/2018	0.1402												

Best 3/5	0.1546	0.1652	0.1422	0.0973	0.0441	0.0581	0.0071	0.0174	0.0019	0.0005	0.0005	0.0002	0.0021
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PREMISES/OPERATIONS (Subline Code 334)
OWNERS, LANDLORDS AND TENANTS
FULL COVERAGE
MULTISTATE
BODILY INJURY - OCCURRENCE
INCURRED ACCIDENT YEAR BASIC LIMITS LOSS DEVELOPMENT EXCLUDING ALAE

\$100,000 Basic Limit Losses as of:												
A.Y.E.	15 Months	27 Months	39 Months	51 Months	63 Months	75 Months	87 Months	99 Months	111 Months	123 Months	135 Months	
6/30/2000	250,988,407	340,310,677	382,592,791	389,089,816	389,831,909	385,589,395	379,898,964	377,742,618	377,146,044	377,200,810	376,838,938	
6/30/2001	241,430,825	312,203,727	348,949,456	366,962,163	366,863,576	359,850,633	358,436,280	356,149,462	355,527,634	354,609,717	354,314,924	
6/30/2002	218,039,819	273,352,058	327,037,646	339,811,794	335,529,209	331,747,258	328,631,675	327,989,070	327,530,414	326,842,981	327,267,103	
6/30/2003	227,345,024	305,483,152	363,774,112	369,566,641	361,264,851	354,945,156	353,062,254	350,355,237	349,054,346	348,852,698	348,834,401	
6/30/2004	255,054,381	342,392,059	369,494,815	375,183,937	370,635,405	366,688,507	364,390,166	363,015,381	362,640,972	362,084,928	361,763,701	
6/30/2005	263,968,800	307,921,559	348,378,289	352,721,860	353,097,601	347,386,573	345,168,986	344,040,180	342,704,342	343,292,865	343,452,336	
6/30/2006	244,042,217	319,994,749	357,966,380	369,142,692	363,492,559	356,883,472	353,740,939	352,711,070	352,033,939	352,134,793	351,759,379	
6/30/2007	271,495,919	346,558,836	386,061,592	391,598,525	385,377,392	379,559,662	376,928,323	375,002,595	373,916,697	373,824,962	373,842,023	
6/30/2008	288,560,090	362,427,969	406,238,059	411,664,237	405,490,515	400,194,562	397,965,121	396,359,819	396,267,830	395,507,996	395,283,236	
6/30/2009	301,307,751	383,931,365	424,214,134	424,634,199	418,331,782	415,403,763	411,712,914	409,678,897	408,802,977	408,515,487	409,306,618	
6/30/2010	324,915,535	409,370,864	458,296,872	461,095,993	454,622,337	449,810,633	446,612,205	445,255,187	444,554,532	444,371,502		
6/30/2011	352,832,615	445,734,922	495,479,125	503,630,658	495,088,069	489,902,599	486,129,116	484,268,098	483,932,801			
6/30/2012	298,826,251	381,453,590	427,073,682	427,439,706	425,473,959	421,862,732	420,658,662	421,033,585				
6/30/2013	301,396,858	383,007,011	417,408,933	424,683,301	425,789,012	423,956,286	423,803,526					
6/30/2014	329,897,308	419,945,122	480,009,739	513,798,761	513,582,038	514,758,428						
6/30/2015	291,922,543	397,367,396	480,582,277	508,999,409	517,157,140							
6/30/2016	276,102,484	391,112,469	467,840,893	503,502,861								
6/30/2017	298,039,533	423,409,119	518,530,495									
6/30/2018	341,329,368	482,975,929										
6/30/2019	325,119,119											
A.Y.E.	147 Months	159 Months	171 Months	183 Months	195 Months	207 Months	219 Months	231 Months	243 Months			
6/30/2000	377,006,618	376,726,118	376,546,965	376,817,471	376,767,018	376,698,866	376,740,446	376,650,625	376,939,948			
6/30/2001	354,616,842	354,637,553	355,009,091	355,316,831	355,462,989	355,337,210	355,316,039	355,372,513				
6/30/2002	326,975,412	327,270,867	327,768,761	327,343,975	327,540,529	327,500,561	327,613,294					
6/30/2003	348,859,483	348,961,968	349,092,076	349,059,810	349,058,165	349,419,463						
6/30/2004	362,132,620	362,075,860	362,094,302	361,985,356	362,176,970							
6/30/2005	343,391,641	343,456,591	343,794,109	344,246,746								
6/30/2006	351,508,430	351,266,572	351,669,797									
6/30/2007	373,723,700	374,282,276										
6/30/2008	395,472,953											

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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
6/30/2000	1.356	1.124	1.017	1.002	0.989	0.985	0.994	0.998	1.000	0.999	1.000
6/30/2001	1.293	1.118	1.052	1.000	0.981	0.996	0.994	0.998	0.997	0.999	1.001
6/30/2002	1.254	1.196	1.039	0.987	0.989	0.991	0.998	0.999	0.998	1.001	0.999
6/30/2003	1.344	1.191	1.016	0.978	0.983	0.995	0.992	0.996	0.999	1.000	1.000
6/30/2004	1.342	1.079	1.015	0.988	0.989	0.994	0.996	0.999	0.998	0.999	1.001
6/30/2005	1.167	1.131	1.012	1.001	0.984	0.994	0.997	0.996	1.002	1.000	1.000
6/30/2006	1.311	1.119	1.031	0.985	0.982	0.991	0.997	0.998	1.000	0.999	0.999
6/30/2007	1.276	1.114	1.014	0.984	0.985	0.993	0.995	0.997	1.000	1.000	1.000
6/30/2008	1.256	1.121	1.013	0.985	0.987	0.994	0.996	1.000	0.998	0.999	1.000
6/30/2009	1.274	1.105	1.001	0.985	0.993	0.991	0.995	0.998	0.999	1.002	
6/30/2010	1.260	1.120	1.006	0.986	0.989	0.993	0.997	0.998	1.000		
6/30/2011	1.263	1.112	1.016	0.983	0.990	0.992	0.996	0.999			
6/30/2012	1.277	1.120	1.001	0.995	0.992	0.997	1.001				
6/30/2013	1.271	1.090	1.017	1.003	0.996	1.000					
6/30/2014	1.273	1.143	1.070	1.000	1.002						
6/30/2015	1.361	1.209	1.059	1.016							
6/30/2016	1.417	1.196	1.076								
6/30/2017	1.421	1.225									
6/30/2018	1.415										
3 Yr Mean	1.418	1.210	1.068	1.006	0.997	0.996	0.998	0.998	0.999	1.000	1.000
Best 3/5	1.398	1.183	1.049	0.999	0.993	0.994	0.996	0.998	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			
6/30/2000	0.999	1.000	1.001	1.000	1.000	1.000	1.000	1.001			
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	1.000 *	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								
6/30/2006	0.999	1.001									
6/30/2007	1.001										
3 Yr Mean	1.000	1.001	1.000	1.001	1.000 @	1.000 @	1.000 @	1.001 @			
Best 3/5	1.000	1.001	1.000	1.000	1.000 *	1.000 *	1.000 *	1.000 *			

	Development From										
A.Y.E.	15/ 27	27/ 39	39/ 51	51/ 63	63/ 75	75/ 87	87/ 99	99/111	111/123	123/135	135/147
6/30/2015					0.993	0.994	0.996	0.998	1.000	1.000	1.000
6/30/2016				0.999	0.993	0.994	0.996	0.998	1.000	1.000	1.000
6/30/2017			1.049	0.999	0.993	0.994	0.996	0.998	1.000	1.000	1.000
6/30/2018		1.183	1.049	0.999	0.993	0.994	0.996	0.998	1.000	1.000	1.000
6/30/2019	1.398	1.183	1.049	0.999	0.993	0.994	0.996	0.998	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/U1t	FACTORS
6/30/2015	1.000	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000*	0.982
6/30/2016	1.000	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000*	0.981
6/30/2017	1.000	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000*	1.029
6/30/2018	1.000	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000*	1.218
6/30/2019	1.000	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000*	1.702

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

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

\$100,000 Basic Limit Losses as of:												
A.Y.E.	15 Months	27 Months	39 Months	51 Months	63 Months	75 Months	87 Months	99 Months	111 Months	123 Months	135 Months	
6/30/2000	10,149,048	15,162,861	17,894,751	16,990,301	16,066,363	16,495,646	16,479,942	16,054,875	16,009,429	15,994,428	15,975,678	
6/30/2001	13,608,608	20,283,548	23,823,483	24,156,287	23,686,123	24,293,159	24,089,987	23,915,823	23,931,764	23,851,357	23,951,356	
6/30/2002	13,721,497	19,771,009	20,060,236	20,081,599	20,842,885	20,486,697	20,679,585	20,413,830	20,580,355	20,490,142	20,490,141	
6/30/2003	17,685,547	19,750,585	22,295,114	23,383,728	23,699,305	23,178,322	22,856,213	22,659,021	22,584,178	22,612,219	22,727,940	
6/30/2004	18,606,779	26,725,886	25,335,331	27,616,861	26,358,235	25,597,242	24,864,977	24,747,230	24,586,504	24,748,038	24,779,911	
6/30/2005	15,928,888	25,154,430	25,385,937	23,442,101	21,900,501	21,110,456	20,698,309	20,498,875	20,493,875	20,377,901	20,377,898	
6/30/2006	15,466,080	19,260,905	21,923,157	21,529,779	21,126,070	21,094,787	21,279,980	21,330,090	21,447,488	21,369,282	21,439,282	
6/30/2007	15,770,988	21,107,599	24,112,412	24,752,696	24,041,670	23,465,810	23,184,342	23,291,884	23,281,680	23,282,179	23,237,179	
6/30/2008	18,021,084	22,317,501	25,006,285	25,037,666	24,782,675	24,243,889	24,303,760	24,214,043	24,065,708	24,055,522	23,975,235	
6/30/2009	17,108,317	20,898,537	21,536,046	23,316,589	22,679,562	22,359,613	22,385,841	22,239,005	22,274,227	22,243,373	22,240,468	
6/30/2010	13,307,504	14,002,733	16,783,105	17,583,071	18,135,912	17,782,029	17,740,624	17,605,640	17,620,887	17,732,234		
6/30/2011	11,833,510	16,521,332	18,875,990	19,608,344	19,342,626	19,161,100	18,906,232	18,896,367	18,841,890			
6/30/2012	11,991,958	15,751,021	17,193,703	17,401,097	17,615,705	17,365,065	17,684,442	17,953,878				
6/30/2013	12,136,640	15,482,405	17,037,223	17,664,481	18,014,151	18,003,573	17,958,503					
6/30/2014	14,779,456	17,971,206	20,878,501	22,281,299	22,769,481	23,036,029						
6/30/2015	15,151,162	20,881,048	24,556,406	28,232,748	28,156,811							
6/30/2016	17,232,169	21,578,831	27,556,568	28,463,785								
6/30/2017	14,857,184	23,919,027	30,401,340									
6/30/2018	17,927,168	27,534,448										
6/30/2019	19,235,277											
A.Y.E.	147 Months	159 Months	171 Months	183 Months	195 Months	207 Months	219 Months	231 Months	243 Months			
6/30/2000	15,975,678	15,975,928	16,175,928	16,175,928	16,170,928	16,170,928	16,271,928	16,271,928	16,270,928			
6/30/2001	23,931,607	23,936,607	23,936,606	23,836,606	23,836,606	23,936,606	23,936,608	23,937,606				
6/30/2002	20,540,140	20,695,639	20,682,100	20,907,639	20,952,302	20,952,693	20,952,693					
6/30/2003	22,653,991	22,647,623	22,640,930	22,640,930	22,656,930	22,656,930						
6/30/2004	24,756,101	24,778,602	24,828,601	24,828,601	24,828,601							
6/30/2005	20,382,898	20,377,898	20,377,923	20,434,343								
6/30/2006	21,339,282	21,439,282										
6/30/2007	23,120,009	23,120,109										
6/30/2008	23,975,135											

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BODILY INJURY - OCCURRENCE

INCURRED ACCIDENT YEAR BASIC LIMITS LOSS DEVELOPMENT EXCLUDING ALAE

Link Ratios

A.Y.E.	27: 15	39: 27	51: 39	63: 51	75: 63	87: 75	99: 87	111: 99	123:111	135:123	147:135
6/30/2000	1.494	1.180	0.949	0.946	1.027	0.999	0.974	0.997	0.999	0.999	1.000
6/30/2001	1.490	1.175	1.014	0.981	1.026	0.992	0.993	1.001	0.997	1.004	0.999
6/30/2002	1.441	1.015	1.001	1.038	0.983	1.009	0.987	1.008	0.996	1.000	1.002
6/30/2003	1.117	1.129	1.049	1.013	0.978	0.986	0.991	0.997	1.001	1.005	0.997
6/30/2004	1.436	0.948	1.090	0.954	0.971	0.971	0.995	0.994	1.007	1.001	0.999
6/30/2005	1.579	1.009	0.923	0.934	0.964	0.980	0.990	1.000	0.994	1.000	1.000
6/30/2006	1.245	1.138	0.982	0.981	0.999	1.009	1.002	1.006	0.996	1.003	0.995
6/30/2007	1.338	1.142	1.027	0.971	0.976	0.988	1.005	1.000	1.000	0.998	0.995
6/30/2008	1.238	1.120	1.001	0.990	0.978	1.002	0.996	0.994	1.000	0.997	1.000
6/30/2009	1.222	1.031	1.083	0.973	0.986	1.001	0.993	1.002	0.999	1.000	
6/30/2010	1.052	1.199	1.048	1.031	0.980	0.998	0.992	1.001	1.006		
6/30/2011	1.396	1.143	1.039	0.986	0.991	0.987	0.999	0.997			
6/30/2012	1.313	1.092	1.012	1.012	0.986	1.018	1.015				
6/30/2013	1.276	1.100	1.037	1.020	0.999	0.997					
6/30/2014	1.216	1.162	1.067	1.022	1.012						
6/30/2015	1.378	1.176	1.150	0.997							
6/30/2016	1.252	1.277	1.033								
6/30/2017	1.610	1.271									
6/30/2018	1.536										
3 Yr Mean	1.466	1.241	1.083	1.013	0.999	1.001	1.002	1.000	1.002	0.998	0.997
Best 3/5	1.389	1.203	1.046	1.010	0.992	0.999	0.996	0.999	1.000	0.999	0.998

A.Y.E.	159:147	171:159	183:171	195:183	207:195	219:207	231:219	243:231			
6/30/2000	1.000	1.013	1.000	1.000	1.000	1.006	1.000	1.000			
6/30/2001	1.000	1.000	0.996	1.000	1.004	1.000	1.000	1.000 *			
6/30/2002	1.008	0.999	1.011	1.002	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	1.000 *	1.000 *	1.000 *	1.000 *			
6/30/2005	1.000	1.000	1.003								
6/30/2006	1.005	1.000									
6/30/2007	1.000										
3 Yr Mean	1.002	1.001	1.001	1.001	1.001 @	1.002 @	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
6/30/2015					0.992	0.999	0.996	0.999	1.000	0.999	0.998
6/30/2016				1.010	0.992	0.999	0.996	0.999	1.000	0.999	0.998
6/30/2017			1.046	1.010	0.992	0.999	0.996	0.999	1.000	0.999	0.998
6/30/2018		1.203	1.046	1.010	0.992	0.999	0.996	0.999	1.000	0.999	0.998
6/30/2019	1.389	1.203	1.046	1.010	0.992	0.999	0.996	0.999	1.000	0.999	0.998

A.Y.E.	147/159	159/171	171/183	183/195	195/207	207/219	219/231	231/243	243/U1t	FACTORS
6/30/2015	1.000	1.000	1.001	1.000	1.000	1.000	1.000	1.000	1.000*	0.984
6/30/2016	1.000	1.000	1.001	1.000	1.000	1.000	1.000	1.000	1.000*	0.994
6/30/2017	1.000	1.000	1.001	1.000	1.000	1.000	1.000	1.000	1.000*	1.040
6/30/2018	1.000	1.000	1.001	1.000	1.000	1.000	1.000	1.000	1.000*	1.251
6/30/2019	1.000	1.000	1.001	1.000	1.000	1.000	1.000	1.000	1.000*	1.737

* Calculated Using Modified Bondy Method

@ Three year mean Excludes Modified Bondy ratios

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FULL COVERAGE
MULTISTATE
BODILY INJURY - OCCURRENCE
INCURRED ACCIDENT YEAR ALAE DEVELOPMENT

<u>A.Y.E.</u>	<u>15 Months</u>	<u>27 Months</u>	<u>39 Months</u>	<u>51 Months</u>	<u>63 Months</u>	<u>75 Months</u>	<u>87 Months</u>	<u>99 Months</u>	<u>111 Months</u>	<u>123 Months</u>	<u>135 Months</u>
6/30/2000	32,920,786	65,227,878	94,772,883	116,430,517	127,051,800	132,150,115	136,494,149	138,341,835	140,703,924	142,137,394	142,188,363
6/30/2001	36,736,995	64,848,053	95,201,155	115,603,068	129,073,792	139,783,558	142,713,174	144,800,114	146,229,644	148,942,734	150,403,243
6/30/2002	35,281,520	58,333,358	96,269,157	117,557,554	136,297,650	141,683,644	146,982,321	149,463,476	150,141,121	151,705,502	151,644,531
6/30/2003	35,484,028	67,071,531	103,994,427	136,401,836	151,055,412	155,857,905	159,611,716	161,154,955	162,899,035	164,345,015	164,447,412
6/30/2004	34,097,995	67,890,028	110,079,803	137,070,594	145,760,842	151,891,843	153,968,684	155,555,279	156,271,657	157,432,354	158,316,777
6/30/2005	31,940,743	67,010,688	109,064,820	136,257,262	148,926,044	154,508,142	157,763,411	160,553,873	161,736,776	163,352,001	163,874,866
6/30/2006	26,393,334	66,942,374	107,279,591	137,032,452	148,896,977	156,120,748	160,586,205	160,125,094	161,743,388	163,165,896	163,830,049
6/30/2007	29,513,067	70,926,920	112,106,156	144,845,214	159,751,689	166,101,390	168,582,699	169,901,836	173,044,081	173,904,593	174,519,804
6/30/2008	29,645,077	71,284,816	126,527,610	165,259,741	184,625,130	193,557,568	197,458,055	200,105,477	201,334,359	200,269,903	201,089,923
6/30/2009	35,381,536	79,439,674	129,879,705	172,154,375	188,112,756	196,160,472	200,271,708	203,836,834	205,996,782	206,434,304	212,681,441
6/30/2010	41,367,143	88,091,681	146,570,449	180,572,446	198,085,926	208,504,091	212,066,910	213,280,435	216,209,451	217,369,648	
6/30/2011	47,101,337	101,729,539	165,530,226	207,028,531	225,638,079	233,860,337	238,341,131	240,154,822	239,800,213		
6/30/2012	42,534,282	90,529,998	149,441,873	189,002,611	210,610,229	220,054,864	224,984,861	227,289,300			
6/30/2013	43,546,598	94,609,091	150,106,546	194,715,120	218,111,119	225,252,313	227,838,039				
6/30/2014	51,088,167	110,993,255	179,720,447	231,530,989	254,780,232	267,277,560					
6/30/2015	46,301,680	104,791,968	173,550,082	221,772,878	243,885,477						
6/30/2016	46,308,304	107,794,690	176,112,343	221,333,307							
6/30/2017	45,247,123	99,032,794	168,270,135								
6/30/2018	48,756,264	109,061,150									
6/30/2019	43,126,984										

<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>
6/30/2000	144,252,221	144,633,195	144,594,179	144,838,010	146,186,126	145,801,505	145,876,559	146,761,703	147,933,670
6/30/2001	150,262,877	151,261,620	152,800,960	154,347,364	154,886,154	154,946,003	154,927,100	155,635,637	
6/30/2002	152,182,103	153,719,284	154,184,767	154,860,373	154,975,548	155,283,591	155,377,827		
6/30/2003	165,458,560	165,969,470	166,500,515	166,397,623	166,812,967	166,765,973			
6/30/2004	158,960,189	159,793,132	160,139,304	160,797,159	160,587,499				
6/30/2005	163,708,538	164,327,350	166,344,545	167,977,434					
6/30/2006	164,663,333	164,768,198	165,174,622						
6/30/2007	174,368,434	174,612,161							
6/30/2008	201,347,491								

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

	Increments												
A.Y.E.	27: 15	39: 27	51: 39	63: 51	75: 63	87: 75	99: 87	111: 99	123: 111	135: 123	147: 135	159:147	171:159
6/30/2000	32,307,092	29,545,005	21,657,634	10,621,283	5,098,315	4,344,034	1,847,686	2,362,089	1,433,470	50,969	2,063,858	380,974	-39,016
6/30/2001	28,111,058	30,353,102	20,401,913	13,470,724	10,709,766	2,929,616	2,086,940	1,429,530	2,713,090	1,460,509	-140,366	998,743	1,539,340
6/30/2002	23,051,838	37,935,799	21,288,397	18,740,096	5,385,994	5,298,677	2,481,155	677,645	1,564,381	-60,971	537,572	1,537,181	465,483
6/30/2003	31,587,503	36,922,896	32,407,409	14,653,576	4,802,493	3,753,811	1,543,239	1,744,080	1,445,980	102,397	1,011,148	510,910	531,045
6/30/2004	33,792,033	42,189,775	26,990,791	8,690,248	6,131,001	2,076,841	1,586,595	716,378	1,160,697	884,423	643,412	832,943	346,172
6/30/2005	35,069,945	42,054,132	27,192,442	12,668,782	5,582,098	3,255,269	2,790,462	1,182,903	1,615,225	522,865	-166,328	618,812	2,017,195
6/30/2006	40,549,040	40,337,217	29,752,861	11,864,525	7,223,771	4,465,457	-461,111	1,618,294	1,422,508	664,153	833,284	104,865	406,424
6/30/2007	41,413,853	41,179,236	32,739,058	14,906,475	6,349,701	2,481,309	1,319,137	3,142,245	860,512	615,211	-151,370	243,727	
6/30/2008	41,639,739	55,242,794	38,732,131	19,365,389	8,932,438	3,900,487	2,647,422	1,228,882	-1,064,456	820,020	257,568		
6/30/2009	44,058,138	50,440,031	42,274,670	15,958,381	8,047,716	4,111,236	3,565,126	2,159,948	437,522	6,247,137			
6/30/2010	46,724,538	58,478,768	34,001,997	17,513,480	10,418,165	3,562,819	1,213,525	2,929,016	1,160,197				
6/30/2011	54,628,202	63,800,687	41,498,305	18,609,548	8,222,258	4,480,794	1,813,691	-354,609					
6/30/2012	47,995,716	58,911,875	39,560,738	21,607,618	9,444,635	4,929,997	2,304,439						
6/30/2013	51,062,493	55,497,455	44,608,574	23,395,999	7,141,194	2,585,726							
6/30/2014	59,905,088	68,727,192	51,810,542	23,249,243	12,497,328								
6/30/2015	58,490,288	68,758,114	48,222,796	22,112,599									
6/30/2016	61,486,386	68,317,653	45,220,964										
6/30/2017	53,785,671	69,237,341											
6/30/2018	60,304,886												

	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
6/30/2000	0.0615	0.0562	0.0412	0.0202	0.0097	0.0083	0.0035	0.0045	0.0027	0.0001	0.0039	0.0007	-0.0001
6/30/2001	0.0547	0.0590	0.0397	0.0262	0.0208	0.0057	0.0041	0.0028	0.0053	0.0028	-0.0003	0.0019	0.0030
6/30/2002	0.0473	0.0778	0.0437	0.0385	0.0111	0.0109	0.0051	0.0014	0.0032	-0.0001	0.0011	0.0032	0.0010
6/30/2003	0.0614	0.0718	0.0630	0.0285	0.0093	0.0073	0.0030	0.0034	0.0028	0.0002	0.0020	0.0010	0.0010
6/30/2004	0.0641	0.0800	0.0512	0.0165	0.0116	0.0039	0.0030	0.0014	0.0022	0.0017	0.0012	0.0016	0.0007
6/30/2005	0.0684	0.0820	0.0530	0.0247	0.0109	0.0063	0.0054	0.0023	0.0032	0.0010	-0.0003	0.0012	0.0039
6/30/2006	0.0775	0.0771	0.0569	0.0227	0.0138	0.0085	-0.0009	0.0031	0.0027	0.0013	0.0016	0.0002	0.0008
6/30/2007	0.0728	0.0724	0.0576	0.0262	0.0112	0.0044	0.0023	0.0055	0.0015	0.0011	-0.0003	0.0004	
6/30/2008	0.0684	0.0907	0.0636	0.0318	0.0147	0.0064	0.0043	0.0020	-0.0017	0.0013	0.0004		
6/30/2009	0.0703	0.0804	0.0674	0.0255	0.0128	0.0066	0.0057	0.0034	0.0007	0.0100			
6/30/2010	0.0681	0.0852	0.0495	0.0255	0.0152	0.0052	0.0018	0.0043	0.0017				
6/30/2011	0.0737	0.0861	0.0560	0.0251	0.0111	0.0060	0.0024	-0.0005					
6/30/2012	0.0703	0.0863	0.0579	0.0316	0.0138	0.0072	0.0034						
6/30/2013	0.0751	0.0816	0.0656	0.0344	0.0105	0.0038							
6/30/2014	0.0719	0.0825	0.0622	0.0279	0.0150								
6/30/2015	0.0700	0.0823	0.0577	0.0265									
6/30/2016	0.0720	0.0800	0.0529										
6/30/2017	0.0606	0.0780											
6/30/2018	0.0606												

Best 3/5	0.0675	0.0813	0.0593	0.0287	0.0133	0.0059	0.0034	0.0032	0.0013	0.0012	0.0005	0.0009	0.0009
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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
6/30/2000	41,678,098	52,083,712	48,270,025	50,529,505	49,930,459	49,891,427	49,734,708	49,656,405	49,945,509	50,395,931	50,446,779
6/30/2001	39,115,859	38,894,115	44,272,047	44,797,526	45,419,342	45,099,635	45,563,830	45,754,913	46,183,106	46,736,408	47,109,298
6/30/2002	30,843,880	35,888,744	37,034,594	38,356,564	38,836,796	39,471,915	40,242,687	40,512,484	40,961,806	41,113,210	41,435,206
6/30/2003	31,985,495	33,980,822	36,356,036	36,127,335	38,699,431	38,861,215	38,841,215	39,158,716	38,776,142	39,208,487	39,471,358
6/30/2004	29,353,055	33,407,005	34,578,538	35,948,309	37,718,298	38,018,519	37,896,838	37,998,621	38,076,135	38,291,479	38,480,936
6/30/2005	28,767,702	30,390,751	33,792,469	34,502,966	35,379,759	35,618,923	35,758,725	36,008,236	36,362,541	36,848,039	36,705,452
6/30/2006	27,668,401	29,950,806	31,621,986	32,232,020	32,679,850	33,505,798	33,824,366	33,914,211	34,055,030	33,882,034	33,957,961
6/30/2007	28,956,659	32,202,557	34,398,667	34,880,322	35,411,689	35,510,263	35,806,463	36,262,324	36,992,938	36,924,952	37,016,141
6/30/2008	33,536,638	37,164,749	38,514,333	38,711,427	39,287,777	40,068,798	40,488,969	40,466,648	40,639,770	40,934,984	40,910,358
6/30/2009	36,500,556	37,956,966	39,884,473	40,191,085	40,254,725	40,719,667	40,645,131	40,653,091	40,871,680	41,197,922	41,428,977
6/30/2010	36,466,493	41,219,683	43,013,216	43,816,132	44,627,418	44,620,151	44,586,879	44,572,550	44,850,075	44,964,290	
6/30/2011	43,136,544	46,881,038	47,688,031	48,077,932	48,174,134	48,429,112	48,761,029	49,292,913	49,391,496		
6/30/2012	42,246,932	45,353,124	47,399,928	47,738,456	48,222,341	48,236,292	48,930,708	49,106,280			
6/30/2013	38,905,468	42,959,008	44,718,663	46,475,153	46,951,911	47,757,175	48,716,462				
6/30/2014	45,773,771	48,334,700	49,951,210	52,032,666	52,597,388	52,948,151					
6/30/2015	44,269,712	48,000,805	49,395,683	52,856,148	54,390,823						
6/30/2016	36,700,671	41,702,761	47,526,303	47,736,297							
6/30/2017	40,296,600	46,850,845	50,896,850								
6/30/2018	41,943,363	51,216,963									
6/30/2019	45,621,033										
A.Y.E.	147 Months	159 Months	171 Months	183 Months	195 Months	207 Months	219 Months	231 Months	243 Months		
6/30/2000	50,141,838	50,115,808	50,253,392	50,424,823	50,449,282	50,446,462	50,801,125	50,642,171	50,812,834		
6/30/2001	47,140,502	47,333,281	47,446,927	47,420,602	47,546,707	47,620,704	47,612,461	47,698,862			
6/30/2002	41,696,166	41,552,332	41,473,009	41,701,952	41,745,098	41,852,533	41,822,073				
6/30/2003	39,488,984	39,542,906	39,620,919	39,661,926	39,678,176	39,757,999					
6/30/2004	38,786,137	38,890,204	38,865,610	38,866,813	39,074,482						
6/30/2005	36,639,491	36,525,948	36,428,527	36,436,167							
6/30/2006	34,050,039	33,938,924	34,091,114								
6/30/2007	36,857,236	36,919,058									
6/30/2008	41,033,414										

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
6/30/2000	1.250	0.927	1.047	0.988	0.999	0.997	0.998	1.006	1.009	1.001	0.994
6/30/2001	0.994	1.138	1.012	1.014	0.993	1.010	1.004	1.009	1.012	1.008	1.001
6/30/2002	1.164	1.032	1.036	1.013	1.016	1.020	1.007	1.011	1.004	1.008	1.006
6/30/2003	1.062	1.070	0.994	1.071	1.004	0.999	1.008	0.990	1.011	1.007	1.000
6/30/2004	1.138	1.035	1.040	1.049	1.008	0.997	1.003	1.002	1.006	1.005	1.008
6/30/2005	1.056	1.112	1.021	1.025	1.007	1.004	1.007	1.010	1.013	0.996	0.998
6/30/2006	1.082	1.056	1.019	1.014	1.025	1.010	1.003	1.004	0.995	1.002	1.003
6/30/2007	1.112	1.068	1.014	1.015	1.003	1.008	1.013	1.020	0.998	1.002	0.996
6/30/2008	1.108	1.036	1.005	1.015	1.020	1.010	0.999	1.004	1.007	0.999	1.003
6/30/2009	1.040	1.051	1.008	1.002	1.012	0.998	1.000	1.005	1.008	1.006	
6/30/2010	1.130	1.044	1.019	1.019	1.000	0.999	1.000	1.006	1.003		
6/30/2011	1.087	1.017	1.008	1.002	1.005	1.007	1.011	1.002			
6/30/2012	1.074	1.045	1.007	1.010	1.000	1.014	1.004				
6/30/2013	1.104	1.041	1.039	1.010	1.017	1.020					
6/30/2014	1.056	1.033	1.042	1.011	1.007						
6/30/2015	1.084	1.029	1.070	1.029							
6/30/2016	1.136	1.140	1.004								
6/30/2017	1.163	1.086									
6/30/2018	1.221										
3 Yr Mean	1.173	1.085	1.039	1.017	1.008	1.014	1.005	1.004	1.006	1.002	1.001
Best 3/5	1.128	1.053	1.029	1.010	1.004	1.007	1.001	1.005	1.003	1.001	1.001

A.Y.E.	159:147	171:159	183:171	195:183	207:195	219:207	231:219	243:231			
6/30/2000	0.999	1.003	1.003	1.000	1.000	1.007	0.997	1.003			
6/30/2001	1.004	1.002	0.999	1.003	1.002	1.000	1.002	1.001 *			
6/30/2002	0.997	0.998	1.006	1.001	1.003	0.999	1.001 *	1.001 *			
6/30/2003	1.001	1.002	1.001	1.000	1.002	1.002 *	1.001 *	1.001 *			
6/30/2004	1.003	0.999	1.000	1.005	1.001 *	1.002 *	1.001 *	1.001 *			
6/30/2005	0.997	0.997	1.000								
6/30/2006	0.997	1.004									
6/30/2007	1.002										
3 Yr Mean	0.999	1.000	1.000	1.002	1.002 @	1.002 @	1.000 @	1.003 @			
Best 3/5	1.000	1.000	1.000	1.001	1.002 *	1.001 *	1.001 *	1.001 *			

A.Y.E.	15/ 27	27/ 39	39/ 51	51/ 63	63/ 75	75/ 87	87/ 99	99/111	111/123	123/135	135/147
6/30/2015					1.004	1.007	1.001	1.005	1.003	1.001	1.001
6/30/2016				1.010	1.004	1.007	1.001	1.005	1.003	1.001	1.001
6/30/2017			1.029	1.010	1.004	1.007	1.001	1.005	1.003	1.001	1.001
6/30/2018		1.053	1.029	1.010	1.004	1.007	1.001	1.005	1.003	1.001	1.001
6/30/2019	1.128	1.053	1.029	1.010	1.004	1.007	1.001	1.005	1.003	1.001	1.001

A.Y.E.	147/159	159/171	171/183	183/195	195/207	207/219	219/231	231/243	243/U1t	FACTORS
6/30/2015	1.000	1.000	1.000	1.001	1.002	1.001	1.001	1.001	1.004*	1.032
6/30/2016	1.000	1.000	1.000	1.001	1.002	1.001	1.001	1.001	1.004*	1.043
6/30/2017	1.000	1.000	1.000	1.001	1.002	1.001	1.001	1.001	1.004*	1.073
6/30/2018	1.000	1.000	1.000	1.001	1.002	1.001	1.001	1.001	1.004*	1.130
6/30/2019	1.000	1.000	1.000	1.001	1.002	1.001	1.001	1.001	1.004*	1.275

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

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

\$100,000 Basic Limit Losses as of:											
A.Y.E.	15 Months	27 Months	39 Months	51 Months	63 Months	75 Months	87 Months	99 Months	111 Months	123 Months	135 Months
6/30/2000	2,023,894	2,495,511	2,550,760	2,655,301	2,543,311	2,726,909	2,750,901	2,910,342	2,876,453	2,875,973	2,867,648
6/30/2001	2,115,401	2,450,828	2,774,218	2,938,571	2,935,176	3,014,676	3,148,106	2,914,754	3,061,652	3,086,597	3,145,962
6/30/2002	1,631,044	1,913,599	1,983,961	2,097,101	2,202,310	2,313,278	2,249,262	2,181,834	2,287,333	2,287,334	2,293,834
6/30/2003	1,704,068	1,751,684	1,816,374	1,973,402	1,992,020	1,875,474	1,880,101	1,935,816	1,960,933	1,958,083	1,959,083
6/30/2004	2,249,914	2,385,559	2,678,439	3,054,294	3,218,805	3,199,591	3,111,813	3,204,830	3,146,830	3,214,400	3,213,521
6/30/2005	2,337,502	2,349,239	2,283,660	2,670,560	2,614,155	2,785,177	2,630,195	2,749,237	2,710,738	2,722,026	2,718,026
6/30/2006	1,751,365	2,015,934	2,277,807	2,218,811	2,277,794	2,409,480	2,521,179	2,534,276	2,522,235	2,524,458	2,455,092
6/30/2007	1,771,337	2,318,672	2,826,129	2,642,214	2,627,386	2,462,197	2,431,833	2,456,811	2,554,812	2,554,811	2,554,811
6/30/2008	1,483,524	1,910,416	1,473,660	1,513,256	1,452,971	1,485,001	1,463,190	1,455,990	1,457,990	1,458,092	1,479,301
6/30/2009	2,726,359	2,087,022	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	1,861,947	1,862,570	1,816,720	1,915,411	2,013,741	2,056,741	2,107,736	2,056,736	2,155,741	2,051,095	
6/30/2011	1,584,144	1,735,017	1,995,440	1,888,856	2,009,342	2,024,056	1,995,965	1,991,964	1,991,964		
6/30/2012	1,198,527	1,532,562	1,680,772	1,970,578	1,950,817	2,415,175	2,463,529	2,342,014			
6/30/2013	1,796,227	1,868,386	1,953,448	1,939,602	2,156,734	2,123,234	2,123,223				
6/30/2014	1,891,310	1,892,728	1,692,279	1,840,245	1,932,595	1,873,349					
6/30/2015	2,471,976	2,612,453	2,424,534	2,645,595	2,456,549						
6/30/2016	1,933,690	2,176,051	2,542,443	2,764,018							
6/30/2017	2,112,821	2,374,454	2,622,789								
6/30/2018	2,842,179	3,448,905									
6/30/2019	2,561,183										
A.Y.E.	147 Months	159 Months	171 Months	183 Months	195 Months	207 Months	219 Months	231 Months	243 Months		
6/30/2000	2,892,173	2,863,048	2,863,048	2,862,948	2,862,948	2,862,948	2,962,948	2,962,948	2,962,948		
6/30/2001	3,141,337	3,141,646	2,991,646	3,016,748	3,041,748	3,131,210	3,131,210	3,141,109			
6/30/2002	2,298,833	2,326,834	2,318,833	2,318,833	2,418,833	2,418,833	2,423,833				
6/30/2003	1,967,583	1,967,583	2,067,583	2,267,583	2,360,914	2,365,692					
6/30/2004	3,314,400	3,316,276	3,324,176	3,314,664	3,314,564						
6/30/2005	2,722,247	2,718,033	2,718,033	2,724,061							
6/30/2006	2,458,857	2,554,047	2,563,194								
6/30/2007	2,554,812	2,640,182									
6/30/2008	1,474,301										

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

INCURRED ACCIDENT YEAR BASIC LIMITS LOSS DEVELOPMENT EXCLUDING ALAE

	Link Ratios										
A.Y.E.	27: 15	39: 27	51: 39	63: 51	75: 63	87: 75	99: 87	111: 99	123:111	135:123	147:135
6/30/2000	1.233	1.022	1.041	0.958	1.072	1.009	1.058	0.988	1.000	0.997	1.009
6/30/2001	1.159	1.132	1.059	0.999	1.027	1.044	0.926	1.050	1.008	1.019	0.999
6/30/2002	1.173	1.037	1.057	1.050	1.050	0.972	0.970	1.048	1.000	1.003	1.002
6/30/2003	1.028	1.037	1.086	1.009	0.941	1.002	1.030	1.013	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	1.151	1.130	0.974	1.027	1.058	1.046	1.005	0.995	1.001	0.973	1.002
6/30/2007	1.309	1.219	0.935	0.994	0.937	0.988	1.010	1.040	1.000	1.000	1.000
6/30/2008	1.288	0.771	1.027	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	
6/30/2010	1.000	0.975	1.054	1.051	1.021	1.025	0.976	1.048	0.951		
6/30/2011	1.095	1.150	0.947	1.064	1.007	0.986	0.998	1.000			
6/30/2012	1.279	1.097	1.172	0.990	1.238	1.020	0.951				
6/30/2013	1.040	1.046	0.993	1.112	0.984	1.000					
6/30/2014	1.001	0.894	1.087	1.050	0.969						
6/30/2015	1.057	0.928	1.091	0.929							
6/30/2016	1.125	1.168	1.087								
6/30/2017	1.124	1.105									
6/30/2018	1.213										
3 Yr Mean	1.154	1.067	1.088	1.030	1.064	1.002	0.975	1.016	0.984	1.006	1.000
Best 3/5	1.102	1.026	1.088	1.035	1.004	1.015	0.979	1.014	1.000	1.000	1.001

A.Y.E.	159:147	171:159	183:171	195:183	207:195	219:207	231:219	243:231			
6/30/2000	0.990	1.000	1.000	1.000	1.000	1.035	1.000	1.000			
6/30/2001	1.000	0.952	1.008	1.008	1.029	1.000	1.003	1.001 *			
6/30/2002	1.012	0.997	1.000	1.043	1.000	1.002	1.001 *	1.001 *			
6/30/2003	1.000	1.051	1.097	1.041	1.002	1.002 *	1.001 *	1.001 *			
6/30/2004	1.001	1.002	0.997	1.000	1.016 *	1.002 *	1.001 *	1.001 *			
6/30/2005	0.998	1.000	1.002								
6/30/2006	1.039	1.004									
6/30/2007	1.033										
3 Yr Mean	1.023	1.002	1.032	1.028	1.010 @	1.012 @	1.002 @	1.000 @			
Best 3/5	1.011	1.002	1.003	1.016	1.006 *	1.002 *	1.001 *	1.001 *			

	Development From										
A.Y.E.	15/ 27	27/ 39	39/ 51	51/ 63	63/ 75	75/ 87	87/ 99	99/111	111/123	123/135	135/147
6/30/2015					1.004	1.015	0.979	1.014	1.000	1.000	1.001
6/30/2016				1.035	1.004	1.015	0.979	1.014	1.000	1.000	1.001
6/30/2017			1.088	1.035	1.004	1.015	0.979	1.014	1.000	1.000	1.001
6/30/2018		1.026	1.088	1.035	1.004	1.015	0.979	1.014	1.000	1.000	1.001
6/30/2019	1.102	1.026	1.088	1.035	1.004	1.015	0.979	1.014	1.000	1.000	1.001

A.Y.E.	147/159	159/171	171/183	183/195	195/207	207/219	219/231	231/243	243/U1t	FACTORS
6/30/2015	1.011	1.002	1.003	1.016	1.006	1.002	1.001	1.001	1.004*	1.060
6/30/2016	1.011	1.002	1.003	1.016	1.006	1.002	1.001	1.001	1.004*	1.097
6/30/2017	1.011	1.002	1.003	1.016	1.006	1.002	1.001	1.001	1.004*	1.194
6/30/2018	1.011	1.002	1.003	1.016	1.006	1.002	1.001	1.001	1.004*	1.225
6/30/2019	1.011	1.002	1.003	1.016	1.006	1.002	1.001	1.001	1.004*	1.350

* 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>
6/30/2000	4,498,312	10,251,623	14,900,066	19,248,926	20,558,052	21,831,280	25,526,900	25,973,353	26,060,286	26,492,727	26,999,590
6/30/2001	5,752,533	10,468,671	17,429,917	20,742,069	25,157,114	29,185,995	32,581,378	36,226,581	37,694,947	37,747,168	37,687,646
6/30/2002	3,628,657	8,254,913	10,605,155	15,682,186	20,032,596	27,778,708	31,412,432	34,867,471	36,859,934	37,525,879	38,477,013
6/30/2003	3,360,394	6,930,329	10,929,349	14,996,335	18,519,904	20,067,957	21,545,499	22,291,266	22,677,864	23,108,927	23,286,496
6/30/2004	3,311,909	7,131,277	11,517,266	15,408,360	19,442,787	22,471,706	24,550,881	25,284,553	26,665,498	27,501,537	27,521,406
6/30/2005	3,707,735	7,304,518	12,951,214	16,440,574	19,381,132	21,300,935	22,287,301	23,018,709	23,935,751	25,709,984	25,975,474
6/30/2006	2,650,519	6,327,238	10,432,883	14,152,089	15,853,055	19,495,180	21,715,494	22,434,377	22,488,494	22,880,705	25,965,676
6/30/2007	3,543,927	8,875,678	13,568,851	18,643,355	20,795,347	22,950,393	25,564,496	26,223,793	28,153,989	28,529,619	28,804,569
6/30/2008	4,377,770	9,003,212	14,731,964	19,598,128	24,175,012	26,606,328	27,499,997	28,600,618	29,728,549	30,603,554	31,625,291
6/30/2009	4,152,909	8,503,243	14,287,048	17,457,592	21,442,508	23,239,955	24,359,599	25,560,399	26,459,293	31,083,293	31,441,786
6/30/2010	4,818,516	10,273,107	16,209,284	21,138,304	24,719,911	26,818,787	29,370,998	30,398,986	31,160,110	31,419,389	
6/30/2011	5,592,872	12,879,858	17,827,927	22,852,401	27,024,498	29,335,207	29,771,161	30,291,809	30,633,141		
6/30/2012	6,525,817	12,009,260	18,389,758	23,335,752	26,725,365	29,162,178	31,092,033	32,661,615			
6/30/2013	5,950,056	11,180,542	17,975,818	25,050,938	27,229,515	27,707,076	28,074,139				
6/30/2014	6,315,586	12,049,467	16,241,473	19,032,412	20,492,885	25,391,746					
6/30/2015	6,365,498	12,382,080	19,758,532	24,745,516	29,265,004						
6/30/2016	5,943,864	10,808,210	18,252,639	23,742,473							
6/30/2017	6,499,336	12,674,110	18,866,550								
6/30/2018	6,873,781	15,362,850									
6/30/2019	5,582,435										

<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>
6/30/2000	27,533,976	27,742,539	27,969,020	28,367,185	28,515,200	28,613,783	38,043,450	28,945,738	29,011,227
6/30/2001	38,164,488	38,398,057	38,393,463	38,421,360	38,444,915	38,480,384	38,470,844	38,490,150	
6/30/2002	39,257,295	39,351,368	39,335,961	39,537,330	39,582,460	39,604,515	39,642,502		
6/30/2003	23,334,548	23,385,045	23,335,829	23,485,425	23,510,098	23,538,782			
6/30/2004	28,370,296	28,440,250	28,501,442	28,402,520	28,582,524				
6/30/2005	25,868,995	26,191,239	26,410,417	26,477,680					
6/30/2006	26,288,309	26,160,585	26,374,431						
6/30/2007	28,978,739	29,162,381							
6/30/2008	31,963,857								

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

A.Y.E.	27: 15	39: 27	51: 39	63: 51	75: 63	87: 75	99: 87	111: 99	123: 111	135: 123	147: 135	159:147	171:159
6/30/2000	5,753,311	4,648,443	4,348,860	1,309,126	1,273,228	3,695,620	446,453	86,933	432,441	506,863	534,386	208,563	226,481
6/30/2001	4,716,138	6,961,246	3,312,152	4,415,045	4,028,881	3,395,383	3,645,203	1,468,366	52,221	-59,522	476,842	233,569	-4,594
6/30/2002	4,626,256	2,350,242	5,077,031	4,350,410	7,746,112	3,633,724	3,455,039	1,992,463	665,945	951,134	780,282	94,073	-15,407
6/30/2003	3,569,935	3,999,020	4,066,986	3,523,569	1,548,053	1,477,542	745,767	386,598	431,063	177,569	48,052	50,497	-49,216
6/30/2004	3,819,368	4,385,989	3,891,094	4,034,427	3,028,919	2,079,175	733,672	1,380,945	836,039	19,869	848,890	69,954	61,192
6/30/2005	3,596,783	5,646,696	3,489,360	2,940,558	1,919,803	986,366	731,408	917,042	1,774,233	265,490	-106,479	322,244	219,178
6/30/2006	3,676,719	4,105,645	3,719,206	1,700,966	3,642,125	2,220,314	718,883	54,117	392,211	3,084,971	322,633	-127,724	213,846
6/30/2007	5,331,751	4,693,173	5,074,504	2,151,992	2,155,046	2,614,103	659,297	1,930,196	375,630	274,950	174,170	183,642	
6/30/2008	4,625,442	5,728,752	4,866,164	4,576,884	2,431,316	893,669	1,100,621	1,127,931	875,005	1,021,737	338,566		
6/30/2009	4,350,334	5,783,805	3,170,544	3,984,916	1,797,447	1,119,644	1,200,800	898,894	4,624,000	358,493			
6/30/2010	5,454,591	5,936,177	4,929,020	3,581,607	2,098,876	2,552,211	1,027,988	761,124	259,279				
6/30/2011	7,286,986	4,948,069	5,024,474	4,172,097	2,310,709	435,954	520,648	341,332					
6/30/2012	5,483,443	6,380,498	4,945,994	3,389,613	2,436,813	1,929,855	1,569,582						
6/30/2013	5,230,486	6,795,276	7,075,120	2,178,577	477,561	367,063							
6/30/2014	5,733,881	4,192,006	2,790,939	1,460,473	4,898,861								
6/30/2015	6,016,582	7,376,452	4,986,984	4,519,488									
6/30/2016	4,864,346	7,444,429	5,489,834										
6/30/2017	6,174,774	6,192,440											
6/30/2018	8,489,069												

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
6/30/2000	0.0865	0.0699	0.0654	0.0197	0.0191	0.0556	0.0067	0.0013	0.0065	0.0076	0.0080	0.0031	0.0034
6/30/2001	0.0747	0.1102	0.0525	0.0699	0.0638	0.0538	0.0577	0.0233	0.0008	-0.0009	0.0076	0.0037	-0.0001
6/30/2002	0.0765	0.0389	0.0839	0.0719	0.1280	0.0601	0.0571	0.0329	0.0110	0.0157	0.0129	0.0016	-0.0003
6/30/2003	0.0661	0.0741	0.0753	0.0653	0.0287	0.0274	0.0138	0.0072	0.0080	0.0033	0.0009	0.0009	-0.0009
6/30/2004	0.0711	0.0816	0.0724	0.0751	0.0564	0.0387	0.0137	0.0257	0.0156	0.0004	0.0158	0.0013	0.0011
6/30/2005	0.0750	0.1178	0.0728	0.0613	0.0400	0.0206	0.0153	0.0191	0.0370	0.0055	-0.0022	0.0067	0.0046
6/30/2006	0.0836	0.0934	0.0846	0.0387	0.0828	0.0505	0.0163	0.0012	0.0089	0.0702	0.0073	-0.0029	0.0049
6/30/2007	0.1083	0.0954	0.1031	0.0437	0.0438	0.0531	0.0134	0.0392	0.0076	0.0056	0.0035	0.0037	
6/30/2008	0.0865	0.1071	0.0909	0.0855	0.0454	0.0167	0.0206	0.0211	0.0164	0.0191	0.0063		
6/30/2009	0.0789	0.1050	0.0575	0.0723	0.0326	0.0203	0.0218	0.0163	0.0839	0.0065			
6/30/2010	0.0908	0.0988	0.0820	0.0596	0.0349	0.0425	0.0171	0.0127	0.0043				
6/30/2011	0.1034	0.0702	0.0713	0.0592	0.0328	0.0062	0.0074	0.0048					
6/30/2012	0.0793	0.0923	0.0715	0.0490	0.0352	0.0279	0.0227						
6/30/2013	0.0779	0.1012	0.1053	0.0324	0.0071	0.0055							
6/30/2014	0.0723	0.0529	0.0352	0.0184	0.0618								
6/30/2015	0.0759	0.0930	0.0629	0.0570									
6/30/2016	0.0699	0.1070	0.0789										
6/30/2017	0.0780	0.0782											
6/30/2018	0.1027												

Best 3/5	0.0754	0.0908	0.0711	0.0462	0.0343	0.0181	0.0198	0.0167	0.0110	0.0104	0.0057	0.0020	0.0018
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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
6/30/2000	15,297,290	18,280,082	29,820,483	30,261,906	29,840,355	30,029,979	30,612,675	30,810,199	30,724,357	30,795,409	30,568,570
6/30/2001	12,895,029	28,727,400	31,001,913	34,378,164	36,016,801	36,328,617	36,318,592	36,341,172	36,433,427	36,232,630	36,001,384
6/30/2002	15,378,507	18,501,023	21,759,680	24,407,351	22,565,925	22,023,339	21,910,379	21,669,211	21,856,113	21,860,237	21,717,439
6/30/2003	10,731,046	13,454,207	16,894,978	15,223,502	15,175,252	15,360,861	14,527,968	14,304,808	14,534,740	14,351,609	14,545,276
6/30/2004	16,540,401	21,622,689	18,707,367	19,174,330	18,761,807	18,493,646	18,532,279	18,537,764	18,548,703	18,775,385	18,795,040
6/30/2005	14,503,035	18,632,694	21,005,770	20,558,540	19,978,573	20,095,066	19,716,028	19,814,501	19,910,534	20,185,290	20,129,209
6/30/2006	19,120,964	23,195,768	24,149,221	23,445,572	22,721,488	22,639,832	22,352,322	22,450,851	22,243,914	22,065,066	22,080,067
6/30/2007	18,286,796	22,304,967	22,855,543	22,998,445	22,729,597	22,227,889	22,133,204	22,268,260	22,335,818	22,570,300	22,503,150
6/30/2008	16,951,872	18,626,253	18,274,412	18,025,273	18,056,166	18,130,237	18,312,354	18,512,247	18,439,712	18,488,885	18,380,545
6/30/2009	13,628,971	15,933,773	15,705,532	15,887,788	16,738,751	16,780,241	16,822,545	16,667,068	16,400,472	16,480,473	16,524,569
6/30/2010	11,886,574	15,058,349	16,055,890	15,875,686	16,182,849	16,062,544	15,829,739	15,773,624	15,898,110	16,231,038	
6/30/2011	9,598,453	11,250,454	12,274,394	13,375,169	13,494,175	13,448,225	13,139,376	12,847,309	13,085,464		
6/30/2012	8,801,716	11,272,407	11,129,017	11,366,375	11,765,510	11,204,717	11,114,370	11,245,883			
6/30/2013	9,185,477	10,783,313	12,115,306	12,246,654	12,559,860	12,538,795	12,399,692				
6/30/2014	8,319,513	11,351,046	14,433,596	14,507,326	14,790,114	14,986,658					
6/30/2015	8,906,922	11,413,775	14,844,069	16,823,957	17,582,006						
6/30/2016	10,126,454	13,186,854	16,775,373	17,010,726							
6/30/2017	10,408,366	13,520,313	14,611,090								
6/30/2018	11,014,930	14,464,732									
6/30/2019	7,808,287										
A.Y.E.	147 Months	159 Months	171 Months	183 Months	195 Months	207 Months	219 Months	231 Months	243 Months		
6/30/2000	30,290,710	30,289,710	30,501,027	30,401,027	30,401,027	30,404,527	30,440,669	30,628,527	30,653,558		
6/30/2001	35,900,028	36,084,728	36,084,728	36,174,728	36,185,063	36,184,962	36,289,463	36,289,462			
6/30/2002	21,812,002	21,895,477	21,995,477	21,948,827	21,940,977	22,071,578	22,171,577				
6/30/2003	14,511,006	14,575,907	14,580,204	14,657,704	14,775,202	14,775,202					
6/30/2004	18,590,926	18,666,037	18,710,837	18,823,231	18,823,231						
6/30/2005	19,875,461	20,000,458	20,072,853	19,972,853							
6/30/2006	22,288,817	22,150,317	22,250,316								
6/30/2007	22,452,980	22,513,876									
6/30/2008	18,280,545										

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
6/30/2000	1.195	1.631	1.015	0.986	1.006	1.019	1.006	0.997	1.002	0.993	0.991
6/30/2001	2.228	1.079	1.109	1.048	1.009	1.000	1.001	1.003	0.994	0.994	0.997
6/30/2002	1.203	1.176	1.122	0.925	0.976	0.995	0.989	1.009	1.000	0.993	1.004
6/30/2003	1.254	1.256	0.901	0.997	1.012	0.946	0.985	1.016	0.987	1.013	0.998
6/30/2004	1.307	0.865	1.025	0.978	0.986	1.002	1.000	1.001	1.012	1.001	0.989
6/30/2005	1.285	1.127	0.979	0.972	1.006	0.981	1.005	1.005	1.014	0.997	0.987
6/30/2006	1.213	1.041	0.971	0.969	0.996	0.987	1.004	0.991	0.992	1.001	1.009
6/30/2007	1.220	1.025	1.006	0.988	0.978	0.996	1.006	1.003	1.010	0.997	0.998
6/30/2008	1.099	0.981	0.986	1.002	1.004	1.010	1.011	0.996	1.003	0.994	0.995
6/30/2009	1.169	0.986	1.012	1.054	1.002	1.003	0.991	0.984	1.005	1.003	
6/30/2010	1.267	1.066	0.989	1.019	0.993	0.986	0.996	1.008	1.021		
6/30/2011	1.172	1.091	1.090	1.009	0.997	0.977	0.978	1.019			
6/30/2012	1.281	0.987	1.021	1.035	0.952	0.992	1.012				
6/30/2013	1.174	1.124	1.011	1.026	0.998	0.989					
6/30/2014	1.364	1.272	1.005	1.019	1.013						
6/30/2015	1.281	1.301	1.133	1.045							
6/30/2016	1.302	1.272	1.014								
6/30/2017	1.299	1.081									
6/30/2018	1.313										
3 Yr Mean	1.305	1.218	1.051	1.030	0.988	0.986	0.995	1.004	1.010	0.998	1.001
Best 3/5	1.305	1.223	1.015	1.027	0.996	0.989	0.999	1.002	1.006	0.998	0.994

A.Y.E.	159:147	171:159	183:171	195:183	207:195	219:207	231:219	243:231			
6/30/2000	1.000	1.007	0.997	1.000	1.000	1.001	1.006	1.001			
6/30/2001	1.005	1.000	1.002	1.000	1.000	1.003	1.000	1.001 *			
6/30/2002	1.004	1.005	0.998	1.000	1.006	1.005	1.001 *	1.001 *			
6/30/2003	1.004	1.000	1.005	1.008	1.000	1.000 *	1.001 *	1.001 *			
6/30/2004	1.004	1.002	1.006	1.000	1.000 *	1.000 *	1.001 *	1.001 *			
6/30/2005	1.006	1.004	0.995								
6/30/2006	0.994	1.005									
6/30/2007	1.003										
3 Yr Mean	1.001	1.004	1.002	1.003	1.002 @	1.003 @	1.003 @	1.001 @			
Best 3/5	1.004	1.004	1.002	1.000	1.000 *	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
6/30/2015					0.996	0.989	0.999	1.002	1.006	0.998	0.994
6/30/2016				1.027	0.996	0.989	0.999	1.002	1.006	0.998	0.994
6/30/2017			1.015	1.027	0.996	0.989	0.999	1.002	1.006	0.998	0.994
6/30/2018		1.223	1.015	1.027	0.996	0.989	0.999	1.002	1.006	0.998	0.994
6/30/2019	1.305	1.223	1.015	1.027	0.996	0.989	0.999	1.002	1.006	0.998	0.994

A.Y.E.	147/159	159/171	171/183	183/195	195/207	207/219	219/231	231/243	243/U1t	FACTORS
6/30/2015	1.004	1.004	1.002	1.000	1.000	1.001	1.001	1.001	1.004*	1.001
6/30/2016	1.004	1.004	1.002	1.000	1.000	1.001	1.001	1.001	1.004*	1.028
6/30/2017	1.004	1.004	1.002	1.000	1.000	1.001	1.001	1.001	1.004*	1.043
6/30/2018	1.004	1.004	1.002	1.000	1.000	1.001	1.001	1.001	1.004*	1.276
6/30/2019	1.004	1.004	1.002	1.000	1.000	1.001	1.001	1.001	1.004*	1.665

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

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

<u>A.Y.E.</u>	<u>15 Months</u>	<u>27 Months</u>	<u>39 Months</u>	<u>51 Months</u>	<u>63 Months</u>	<u>75 Months</u>	<u>87 Months</u>	<u>99 Months</u>	<u>111 Months</u>	<u>123 Months</u>	<u>135 Months</u>
6/30/2000	7,179,904	10,345,305	20,636,045	22,404,272	24,770,114	26,821,230	29,384,182	31,513,880	34,127,747	36,744,111	36,309,185
6/30/2001	4,038,320	14,909,376	21,093,962	27,906,248	31,239,417	36,046,759	37,557,651	38,302,298	39,164,951	40,333,161	40,369,875
6/30/2002	5,267,347	10,047,732	14,348,657	18,051,409	17,856,494	20,127,048	21,429,562	21,306,001	21,443,771	21,601,274	21,575,132
6/30/2003	3,530,811	8,644,142	11,629,401	14,981,392	16,862,693	18,233,847	26,457,069	28,320,369	31,927,970	32,143,136	32,415,877
6/30/2004	3,663,369	7,694,986	12,676,540	17,529,007	20,728,422	21,214,216	21,284,936	22,205,373	22,484,011	22,354,371	22,518,397
6/30/2005	2,512,134	8,093,042	13,687,309	16,257,649	17,709,103	19,683,411	19,591,247	19,585,951	20,525,646	21,542,078	21,953,734
6/30/2006	2,837,590	9,030,485	13,354,963	16,525,248	18,238,209	19,512,448	23,191,601	24,436,183	26,820,520	29,449,815	29,559,622
6/30/2007	2,647,425	7,821,025	16,797,441	20,643,871	22,764,833	23,194,367	19,230,344	22,291,308	22,326,105	22,359,217	22,428,644
6/30/2008	2,078,654	7,060,164	12,212,820	16,140,428	16,766,600	17,674,697	18,441,436	19,083,679	19,178,557	19,421,266	19,713,460
6/30/2009	2,997,534	8,087,329	12,148,387	17,701,862	24,010,059	26,583,089	27,311,281	27,796,400	28,147,528	28,639,755	25,390,682
6/30/2010	3,324,238	12,036,337	19,896,029	22,090,304	26,712,060	30,322,472	32,284,172	33,958,116	34,110,789	34,439,625	
6/30/2011	4,056,968	13,091,755	19,760,027	25,075,633	29,846,738	32,128,697	33,910,279	34,347,193	34,641,320		
6/30/2012	3,416,257	10,212,200	13,087,908	23,428,538	24,775,980	28,178,279	30,386,483	31,983,018			
6/30/2013	3,038,860	9,168,884	13,283,791	18,586,296	22,098,481	24,292,233	28,472,822				
6/30/2014	4,471,893	12,196,104	17,911,943	19,115,386	24,356,155	29,443,261					
6/30/2015	4,737,569	9,986,535	16,826,964	25,328,583	27,792,533						
6/30/2016	5,171,147	11,155,652	15,317,484	17,102,785							
6/30/2017	4,087,316	10,348,355	14,545,224								
6/30/2018	4,922,614	15,913,218									
6/30/2019	3,822,895										

<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>
6/30/2000	36,342,311	36,104,101	36,125,151	36,126,085	36,126,085	36,170,684	36,178,356	36,253,403	36,302,059
6/30/2001	40,326,643	40,327,935	40,334,095	40,323,271	40,324,818	40,324,818	40,324,819	40,340,159	
6/30/2002	21,661,748	21,706,732	21,771,110	21,774,311	21,773,894	21,925,021	21,970,326		
6/30/2003	32,386,143	35,215,134	35,223,353	35,287,269	35,724,029	35,713,443			
6/30/2004	22,480,276	22,691,783	22,674,000	22,720,845	22,756,714				
6/30/2005	22,276,108	23,679,331	23,979,993	24,849,479					
6/30/2006	29,811,735	29,900,041	30,139,662						
6/30/2007	22,458,919	22,553,955							
6/30/2008	19,756,460								

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												
	<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>
6/30/2000	3,165,401	10,290,740	1,768,227	2,365,842	2,051,116	2,562,952	2,129,698	2,613,867	2,616,364	-434,926	33,126	-238,210	21,050
6/30/2001	10,871,056	6,184,586	6,812,286	3,333,169	4,807,342	1,510,892	744,647	862,653	1,168,210	36,714	-43,232	1,292	6,160
6/30/2002	4,780,385	4,300,925	3,702,752	-194,915	2,270,554	1,302,514	-123,561	137,770	157,503	-26,142	86,616	44,984	64,378
6/30/2003	5,113,331	2,985,259	3,351,991	1,881,301	1,371,154	8,223,222	1,863,300	3,607,601	215,166	272,741	-29,734	2,828,991	8,219
6/30/2004	4,031,617	4,981,554	4,852,467	3,199,415	485,794	70,720	920,437	278,638	-129,640	164,026	-38,121	211,507	-17,783
6/30/2005	5,580,908	5,594,267	2,570,340	1,451,454	1,974,308	-92,164	-5,296	939,695	1,016,432	411,656	322,374	1,403,223	300,662
6/30/2006	6,192,895	4,324,478	3,170,285	1,712,961	1,274,239	3,679,153	1,244,582	2,384,337	2,629,295	109,807	252,113	88,306	239,621
6/30/2007	5,173,600	8,976,416	3,846,430	2,120,962	429,534	-3,964,023	3,060,964	34,797	33,112	69,427	30,275	95,036	
6/30/2008	4,981,510	5,152,656	3,927,608	626,172	908,097	766,739	642,243	94,878	242,709	292,194	43,000		
6/30/2009	5,089,795	4,061,058	5,553,475	6,308,197	2,573,030	728,192	485,119	351,128	492,227	-3,249,073			
6/30/2010	8,712,099	7,859,692	2,194,275	4,621,756	3,610,412	1,961,700	1,673,944	152,673	328,836				
6/30/2011	9,034,787	6,668,272	5,315,606	4,771,105	2,281,959	1,781,582	436,914	294,127					
6/30/2012	6,795,943	2,875,708	10,340,630	1,347,442	3,402,299	2,208,204	1,596,535						
6/30/2013	6,130,024	4,114,907	5,302,505	3,512,185	2,193,752	4,180,589							
6/30/2014	7,724,211	5,715,839	1,203,443	5,240,769	5,087,106								
6/30/2015	5,248,966	6,840,429	8,501,619	2,463,950									
6/30/2016	5,984,505	4,161,832	1,785,301										
6/30/2017	6,261,039	4,196,869											
6/30/2018	10,990,604												

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>
6/30/2000	0.0640	0.2079	0.0357	0.0478	0.0414	0.0518	0.0430	0.0528	0.0529	-0.0088	0.0007	-0.0048	0.0004
6/30/2001	0.1863	0.1060	0.1168	0.0571	0.0824	0.0259	0.0128	0.0148	0.0200	0.0006	-0.0007	0.0000	0.0001
6/30/2002	0.1345	0.1210	0.1042	-0.0055	0.0639	0.0367	-0.0035	0.0039	0.0044	-0.0007	0.0024	0.0013	0.0018
6/30/2003	0.2162	0.1262	0.1417	0.0796	0.0580	0.3477	0.0788	0.1526	0.0091	0.0115	-0.0013	0.1196	0.0003
6/30/2004	0.1298	0.1604	0.1562	0.1030	0.0156	0.0023	0.0296	0.0090	-0.0042	0.0053	-0.0012	0.0068	-0.0006
6/30/2005	0.1643	0.1647	0.0757	0.0427	0.0581	-0.0027	-0.0002	0.0277	0.0299	0.0121	0.0095	0.0413	0.0088
6/30/2006	0.1874	0.1308	0.0959	0.0518	0.0386	0.1113	0.0377	0.0721	0.0795	0.0033	0.0076	0.0027	0.0072
6/30/2007	0.1453	0.2522	0.1081	0.0596	0.0121	-0.1114	0.0860	0.0010	0.0009	0.0020	0.0009	0.0027	
6/30/2008	0.1796	0.1858	0.1416	0.0226	0.0327	0.0276	0.0232	0.0034	0.0088	0.0105	0.0016		
6/30/2009	0.1889	0.1507	0.2061	0.2341	0.0955	0.0270	0.0180	0.0130	0.0183	-0.1206			
6/30/2010	0.2847	0.2568	0.0717	0.1510	0.1180	0.0641	0.0547	0.0050	0.0107				
6/30/2011	0.3858	0.2847	0.2270	0.2037	0.0974	0.0761	0.0187	0.0126					
6/30/2012	0.3434	0.1453	0.5225	0.0681	0.1719	0.1116	0.0807						
6/30/2013	0.2906	0.1951	0.2514	0.1665	0.1040	0.1982							
6/30/2014	0.3025	0.2238	0.0471	0.2052	0.1992								
6/30/2015	0.1805	0.2352	0.2923	0.0847									
6/30/2016	0.1996	0.1388	0.0596										
6/30/2017	0.2386	0.1599											
6/30/2018	0.3072												

Best 3/5	0.2469	0.1929	0.2011	0.1516	0.1313	0.0839	0.0322	0.0070	0.0126	0.0053	0.0033	0.0169	0.0031
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Multistate Review of ULAE Experience
General Liability Including CMP Liability
Loss Adjustment Expense Special Call
Calendar Years 2014 - 2018

<u>Item *</u>	<u>2014</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2014 - 2018 Mean</u>
1. Direct Losses Incurred	\$20,338,262	\$25,301,890	\$26,175,083	\$23,084,643	\$26,920,048	
2. Allocated Loss Adjustment Expenses Incurred (ALAE)	\$5,287,378	\$6,141,101	\$5,079,567	\$6,058,484	\$5,902,031	
3. Unallocated Loss Adjustment Expenses Incurred (ULAE)	\$2,425,208	\$2,534,792	\$2,658,432	\$2,367,750	\$2,313,863	
4. Incurred Losses + ALAE [(1) + (2)]	\$25,625,640	\$31,442,991	\$31,254,650	\$29,143,127	\$32,822,079	
		<u>Incurred Percentage</u>				
5. Ratio of ULAE to (Losses + ALAE) [(3)/(4)]	9.5%	8.1%	8.5%	8.1%	7.0%	8.2%
6. Selected	8.5%					

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) 1/1/2017 to 1/1/2022 AYE 6/30/2017	+ 1.0%	+ 2.1%	+ 0.8%	+ 2.0%	+ 0.8%
b) 1/1/2018 to 1/1/2022 AYE 6/30/2018	+ 1.0%	+ 1.8%	+ 0.8%	+ 1.6%	+ 0.8%
c) 1/1/2019 to 1/1/2022 AYE 6/30/2019	+ 0.8%	+ 1.2%	+ 0.8%	+ 1.1%	+ 0.6%

	<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)	+ 4.1%	+ 5.1%	- 0.3%	+ 4.5%	+ 4.9%	- 3.8%
Eight Year (16 Points)	+ 4.2%	+ 4.6%	- 1.2%	+ 4.6%	+ 5.2%	- 6.1%
Six Year (12 Points)	+ 4.8%	+ 2.6%	- 4.1%	+ 4.7%	+ 6.7%	- 1.7%
b) Selected	+ 4.5%	+ 4.5%	0.0%	+ 4.0%	+ 5.0%	+ 1.0%

(3) <u>FREQUENCY TREND</u>	<u>M&C</u>	<u>OL&T</u>
Selected	0.0%	- 0.5%
(4) <u>TOTAL ANNUAL NET TREND</u>	+ 3.4%	+ 3.3%

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 6/30/2017, 6/30/2018 & 6/30/2019

(1)		(2)		(3)		(1)		(2)		(3)	
YEAR ENDING		MANUFACTURERS		CONTRACTORS		YEAR ENDING		MANUFACTURERS		CONTRACTORS	
QUARTER*		CLASS GROUP		CLASS GROUP		QUARTER*		CLASS GROUP		CLASS GROUP	
		SALES EXPOSURE		PAYROLL EXPOSURE				SALES EXPOSURE		PAYROLL EXPOSURE	
		INDICES		INDICES				INDICES		INDICES	
2009	1		0.961		22.128	2016	1		1.030		25.313
	2		0.966		22.349		2		1.031		25.481
	3		0.969		22.502		3		1.030		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		1.048		27.208
	3		0.978		23.556		3		1.052		27.441
	4		0.982		23.638		4		1.056		27.728
2012	1		0.986		23.715	2019	1		1.059		27.949
	2		0.990		23.794		2		1.062		28.183
	3		0.995		23.873		3		1.064		28.355
	4		1.000		23.965		4		1.065		28.506
2013	1		1.004		24.062	2020	1P		1.068		28.680
	2		1.006		24.140		2P		1.069		28.795
	3		1.008		24.167		3P		1.069		28.894
	4		1.010		24.208		4P		1.069		28.944
2014	1		1.012		24.299	2021	1P		1.068		28.956
	2		1.016		24.405		2P		1.069		28.975
	3		1.019		24.538		3P		1.072		29.006
	4		1.022		24.663		4P		1.076		29.055
2015	1		1.024		24.759	2022	1P		1.082		29.123
	2		1.026		24.909		2P		1.088		29.208
	3		1.028		25.013		3P		1.095		29.312
	4		1.030		25.172		4P		1.101		29.436
CHANGE IN EXPOSURES											
1/1/2017 to 1/1/2022		(2022:2/2017:2)		1.052		1.109					
1/1/2018 to 1/1/2022		(2022:2/2018:2)		1.039		1.074					
1/1/2019 to 1/1/2022		(2022:2/2019:2)		1.024		1.036					
AVERAGE ANNUAL TREND FACTOR											
1/1/2017 to 1/1/2022		(5.0 YRS)		1.010		1.021					
1/1/2018 to 1/1/2022		(4.0 YRS)		1.010		1.018					
1/1/2019 to 1/1/2022		(3.0 YRS)		1.008		1.012					

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

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

<u>TYPE OF CLASS</u>	<u>VOLUME</u> ²	<u>INFLATION TREND</u> ³
FURNITURE	9.5%	-1.4%
OTHER DURABLES	6.2%	-1.5%
CLOTHING	9.6%	-0.5%
FOOD	43.8%	1.6%
OTHER NON-DURABLES	26.7%	1.2%
RECREATION SERVICES	4.2%	1.9%
TOTAL	100.0%	0.8% 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 6/30/2019. Inflation adjusted GDP is measured in terms of 2012 prices.

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

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

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

YEAR ENDING QUARTER		FURNITURE	OTHER DURABLE GOODS	CLOTHING AND SHOES	FOOD AND BEVERAGES	OTHER NONDURABLE GOODS	RECREATION SERVICES	YEAR ENDING QUARTER		FURNITURE	OTHER DURABLE GOODS	CLOTHING AND SHOES	FOOD AND BEVERAGES	OTHER NONDURABLE GOODS	RECREATION SERVICES
2009	1	1.066	0.986	0.947	0.931	0.919	0.940	2016	1	0.920	0.902	0.999	1.061	1.027	1.058
	2	1.069	0.986	0.950	0.936	0.930	0.942		2	0.913	0.901	0.998	1.063	1.029	1.064
	3	1.066	0.985	0.952	0.937	0.942	0.944		3	0.907	0.899	0.998	1.064	1.034	1.071
	4	1.061	0.986	0.956	0.936	0.953	0.947		4	0.900	0.899	0.998	1.065	1.038	1.078
2010	1	1.051	0.984	0.957	0.936	0.962	0.949	2017	1	0.895	0.897	0.999	1.066	1.042	1.086
	2	1.039	0.983	0.956	0.937	0.966	0.953		2	0.888	0.893	0.997	1.068	1.046	1.092
	3	1.027	0.982	0.953	0.940	0.968	0.955		3	0.882	0.890	0.995	1.071	1.048	1.100
	4	1.015	0.982	0.949	0.943	0.970	0.957		4	0.875	0.887	0.992	1.075	1.050	1.108
2011	1	1.006	0.987	0.947	0.948	0.973	0.960	2018	1	0.869	0.885	0.991	1.078	1.051	1.114
	2	1.001	0.994	0.949	0.955	0.977	0.964		2	0.866	0.882	0.994	1.082	1.054	1.120
	3	1.000	1.002	0.955	0.965	0.981	0.968		3	0.864	0.878	0.993	1.086	1.054	1.125
	4	1.000	1.008	0.965	0.975	0.985	0.973		4	0.866	0.871	0.993	1.090	1.055	1.131
2012	1	1.001	1.011	0.976	0.984	0.990	0.980	2019	1	0.868	0.862	0.991	1.095	1.055	1.136
	2	1.001	1.009	0.988	0.991	0.993	0.986		2	0.869	0.857	0.984	1.101	1.055	1.142
	3	1.000	1.005	0.994	0.996	0.997	0.993		3	0.872	0.853	0.984	1.106	1.056	1.147
	4	1.000	1.000	1.000	1.000	1.000	1.000		4	0.872	0.851	0.980	1.111	1.059	1.153
2013	1	0.998	0.994	1.005	1.004	1.001	1.005	2020	1P	0.869	0.850	0.977	1.114	1.063	1.160
	2	0.994	0.989	1.006	1.008	1.001	1.009		2P	0.865	0.845	0.977	1.116	1.066	1.164
	3	0.988	0.985	1.009	1.012	1.001	1.013		3P	0.859	0.841	0.974	1.119	1.070	1.169
	4	0.981	0.979	1.010	1.015	1.002	1.017		4P	0.853	0.838	0.975	1.123	1.074	1.171
2014	1	0.972	0.970	1.010	1.018	1.004	1.022	2021	1P	0.846	0.835	0.974	1.127	1.080	1.172
	2	0.962	0.959	1.012	1.024	1.006	1.028		2P	0.842	0.834	0.975	1.133	1.086	1.178
	3	0.954	0.950	1.013	1.030	1.009	1.032		3P	0.836	0.832	0.974	1.138	1.093	1.184
	4	0.947	0.940	1.013	1.038	1.013	1.036		4P	0.832	0.831	0.974	1.144	1.099	1.190
2015	1	0.940	0.931	1.011	1.045	1.017	1.038	2022	1P	0.829	0.830	0.973	1.150	1.105	1.196
	2	0.935	0.923	1.007	1.050	1.021	1.042		2P	0.827	0.830	0.973	1.156	1.111	1.201
	3	0.930	0.914	1.004	1.054	1.023	1.047		3P	0.827	0.830	0.973	1.162	1.117	1.206
	4	0.924	0.906	1.001	1.058	1.025	1.052		4P	0.828	0.830	0.973	1.168	1.123	1.212
Change In Exposures*								Average Annual Trend Factor							
1/1/2017 to 1/1/2022 (2022:2/2017:2)								1/1/2017 to 1/1/2022 (5.0 Years)							
		0.931	0.929	0.976	1.082	1.063	1.100			-1.4%	-1.5%	-0.5%	1.6%	1.2%	1.9%

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

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PREMISES/OPERATIONS
GOVERNMENTAL SUBDIVISIONS
OWNERS, LANDLORDS AND TENANTS
AVERAGE ANNUAL EXPOSURE TRENDS
FOR ACCIDENT YEARS ENDING 6/30/2017, 6/30/2018 & 6/30/2019

(1) YEAR ENDING QUARTER		(2) YEARLY VALUES BASED ON MOODY'S ANALYTICS EXPOSURE HISTORY AND FORECASTS @		(1) YEAR ENDING QUARTER		(2) YEARLY VALUES BASED ON MOODY'S ANALYTICS EXPOSURE HISTORY AND FORECASTS @	
2009	1		0.926	2016	1		1.056
	2		0.924		2		1.056
	3		0.920		3		1.056
	4		0.920		4		1.059
2010	1		0.926	2017	1		1.065
	2		0.933		2		1.071
	3		0.940		3		1.078
	4		0.947		4		1.087
2011	1		0.954	2018	1		1.096
	2		0.962		2		1.107
	3		0.971		3		1.118
	4		0.977		4		1.128
2012	1		0.984	2019	1		1.135
	2		0.988		2		1.141
	3		0.992		3		1.147
	4		1.000		4		1.152
2013	1		1.007	2020	1P		1.158
	2		1.016		2P		1.160
	3		1.025		3P		1.161
	4		1.033		4P		1.159
2014	1		1.040	2021	1P		1.157
	2		1.046		2P		1.158
	3		1.052		3P		1.161
	4		1.056		4P		1.167
2015	1		1.057	2022	1P		1.174
	2		1.058		2P		1.181
	3		1.058		3P		1.187
	4		1.057		4P		1.192
CHANGE IN EXPOSURES				AVERAGE ANNUAL TREND FACTOR			
1/1/2017 to 1/1/2022		(2022:2/2017:2)	1.102	1/1/2017 to 1/1/2022		(5.0 YRS)	1.020
1/1/2018 to 1/1/2022		(2022:2/2018:2)	1.067	1/1/2018 to 1/1/2022		(4.0 YRS)	1.016
1/1/2019 to 1/1/2022		(2022:2/2019:2)	1.034	1/1/2019 to 1/1/2022		(3.0 YRS)	1.011

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

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

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

(1) Accident Year <u>Ending</u>	(2) Basic Limit Paid <u>Losses *</u>	(3) Occurrences at <u>Ultimate</u>	(4) (2)/(3) Actual Severity	(5) Exponential Curve of Best Fit to Col (4)		
				<u>10 Year</u>	<u>8 Year</u>	<u>6 Year</u>
12/31/2009	\$ 235,622,274	4,219	\$ 55,848	\$ 54,215		
6/30/2010	241,062,562	4,244	56,801	55,325		
12/31/2010	237,530,308	4,359	54,492	56,458		
6/30/2011	256,426,904	4,517	56,769	57,614		
12/31/2011	262,424,287	4,357	60,230	58,793	\$ 58,571	
6/30/2012	236,406,866	3,830	61,725	59,997	59,797	
12/31/2012	218,327,726	3,601	60,630	61,225	61,050	
6/30/2013	221,312,657	3,621	61,119	62,479	62,328	
12/31/2013	229,206,087	3,711	61,764	63,758	63,633	\$ 62,594
6/30/2014	258,653,361	3,938	65,681	65,064	64,966	64,065
12/31/2014	250,350,005	3,667	68,271	66,396	66,326	65,569
6/30/2015	227,440,436	3,434	66,232	67,755	67,715	67,109
12/31/2015	215,545,550	3,379	63,790	69,142	69,133	68,685
6/30/2016	218,469,251	3,098	70,519	70,558	70,581	70,298
12/31/2016	226,198,154	3,140	72,038	72,002	72,059	71,949
6/30/2017	233,688,687	3,209	72,823	73,477	73,568	73,639
12/31/2017	250,513,546	3,225	77,679	74,981	75,108	75,369
6/30/2018	261,020,444	3,224	80,962	76,516	76,681	77,139
12/31/2018	251,380,934	3,218	78,117	78,083	78,287	78,950
6/30/2019	249,251,940	3,166	78,728	79,681	79,926	80,804
Goodness of Fit Statistic, R-Squared:				0.936	0.904	0.863
Average Annual Severity Trend (10 yr)				+ 4.1%		
Average Annual Severity Trend (8 yr)				+ 4.2%		
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 <u>Ending</u>	(2) Basic Limit Paid <u>Losses *</u>	(3) Occurrences at <u>Ultimate</u>	(4) (2)/(3) Actual <u>Severity</u>	(5) Exponential Curve of <u>Best Fit to Col (4)</u>		
				<u>10 Year</u>	<u>8 Year</u>	<u>6 Year</u>
12/31/2009	\$ 166,786,475	15,221	\$ 10,958	\$ 10,602		
6/30/2010	165,560,608	15,591	10,619	10,869		
12/31/2010	169,511,123	16,140	10,503	11,143		
6/30/2011	175,185,043	16,218	10,802	11,424		
12/31/2011	178,200,069	16,030	11,117	11,713	\$ 12,027	
6/30/2012	171,166,242	15,315	11,176	12,008	12,298	
12/31/2012	182,222,087	14,398	12,656	12,311	12,575	
6/30/2013	182,896,889	13,822	13,232	12,621	12,858	
12/31/2013	176,657,072	13,041	13,546	12,940	13,147	\$ 13,996
6/30/2014	183,108,491	12,708	14,409	13,266	13,443	14,179
12/31/2014	184,234,738	12,485	14,756	13,601	13,745	14,364
6/30/2015	182,719,812	12,187	14,993	13,944	14,055	14,552
12/31/2015	181,519,836	12,263	14,802	14,296	14,371	14,742
6/30/2016	181,577,722	12,437	14,600	14,656	14,695	14,935
12/31/2016	187,699,571	12,699	14,781	15,026	15,025	15,130
6/30/2017	187,479,162	12,660	14,809	15,405	15,363	15,328
12/31/2017	198,129,894	12,478	15,878	15,794	15,709	15,528
6/30/2018	198,836,145	12,565	15,825	16,192	16,063	15,731
12/31/2018	197,899,451	12,400	15,960	16,600	16,424	15,937
6/30/2019	196,352,560	12,081	16,253	17,019	16,794	16,145
Goodness of Fit Statistic, R-Squared:				0.897	0.824	0.807
Average Annual Severity Trend (10 yr)				+ 5.1%		
Average Annual Severity Trend (8 yr)				+ 4.6%		
Average Annual Severity Trend (6 yr)				+ 2.6%		
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
MANUFACTURERS AND CONTRACTORS
Calculation of Annual Trend Factor
Based on Average Occurrence Severity
Full Coverage Occurrence Data
Monoline and Multiline Combined
Fringe

(1) Accident Year <u>Ending</u>	(2) Basic Limit Paid <u>Losses *</u>	(3) Occurrences at <u>Ultimate</u>	(4) (2)/(3) Actual Severity	(5) Exponential Curve of Best Fit to Col (4)		
				<u>10 Year</u>	<u>8 Year</u>	<u>6 Year</u>
12/31/2009	\$ 23,727,055	515	\$ 46,072	\$ 40,081		
6/30/2010	22,834,697	604	37,806	40,029		
12/31/2010	18,644,387	574	32,482	39,977		
6/30/2011	18,603,120	504	36,911	39,926		
12/31/2011	18,857,007	500	37,714	39,874	\$ 41,871	
6/30/2012	18,369,412	474	38,754	39,823	41,616	
12/31/2012	16,582,405	439	37,773	39,771	41,363	
6/30/2013	17,923,327	423	42,372	39,720	41,111	
12/31/2013	23,458,969	474	49,491	39,669	40,861	\$ 45,151
6/30/2014	22,900,787	526	43,538	39,617	40,612	44,227
12/31/2014	20,406,375	508	40,170	39,566	40,365	43,322
6/30/2015	22,271,191	513	43,414	39,515	40,119	42,435
12/31/2015	20,544,898	525	39,133	39,464	39,874	41,566
6/30/2016	21,575,377	529	40,785	39,413	39,632	40,716
12/31/2016	19,932,691	483	41,269	39,362	39,390	39,882
6/30/2017	16,638,613	515	32,308	39,312	39,150	39,066
12/31/2017	22,739,690	549	41,420	39,261	38,912	38,266
6/30/2018	26,419,036	556	47,516	39,210	38,675	37,483
12/31/2018	17,832,335	519	34,359	39,160	38,439	36,716
6/30/2019	16,680,880	492	33,904	39,109	38,205	35,965
Goodness of Fit Statistic, R-Squared:				0.004	0.064	0.326
Average Annual Severity Trend (10 yr)				- 0.3%		
Average Annual Severity Trend (8 yr)				- 1.2%		
Average Annual Severity Trend (6 yr)				- 4.1%		
Selected Annual Severity Trend				0.0%		

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

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

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

(1) Accident Year <u>Ending</u>	(2) Basic Limit Paid <u>Losses *</u>	(3) Occurrences at <u>Ultimate</u>	(4) (2)/(3) Actual Severity	(5) Exponential Curve of Best Fit to Col (4)		
				<u>10 Year</u>	<u>8 Year</u>	<u>6 Year</u>
12/31/2009	\$ 631,697,147	19,190	\$ 32,918	\$ 32,318		
6/30/2010	649,384,967	19,772	32,844	33,044		
12/31/2010	679,989,083	20,120	33,797	33,786		
6/30/2011	706,040,379	20,420	34,576	34,546		
12/31/2011	693,639,284	19,556	35,469	35,322	\$ 35,169	
6/30/2012	632,588,124	17,277	36,614	36,116	35,976	
12/31/2012	598,038,420	16,386	36,497	36,927	36,802	
6/30/2013	632,849,703	17,125	36,955	37,757	37,646	
12/31/2013	682,175,634	18,101	37,687	38,605	38,510	\$ 38,442
6/30/2014	758,994,700	19,245	39,439	39,473	39,394	39,337
12/31/2014	751,824,475	18,444	40,763	40,360	40,298	40,253
6/30/2015	741,371,872	17,773	41,713	41,267	41,222	41,191
12/31/2015	770,650,459	17,980	42,862	42,194	42,168	42,150
6/30/2016	743,503,511	16,859	44,101	43,142	43,136	43,132
12/31/2016	743,205,883	16,972	43,790	44,112	44,126	44,136
6/30/2017	774,704,688	17,612	43,987	45,103	45,138	45,164
12/31/2017	810,415,611	18,224	44,470	46,116	46,174	46,215
6/30/2018	887,140,288	18,962	46,785	47,153	47,234	47,291
12/31/2018	896,651,764	18,347	48,872	48,212	48,318	48,393
6/30/2019	854,872,588	16,807	50,864	49,296	49,426	49,520
Goodness of Fit Statistic, R-Squared:				0.982	0.970	0.942
Average Annual Severity Trend (10 yr)				+ 4.5%		
Average Annual Severity Trend (8 yr)				+ 4.6%		
Average Annual Severity Trend (6 yr)				+ 4.7%		
Selected Annual Severity Trend				+ 4.0%		

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

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

(See Section B- Explanation of Trend Calculation).

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

(1) Accident Year <u>Ending</u>	(2) Basic Limit Paid <u>Losses *</u>	(3) Occurrences at <u>Ultimate</u>	(4) (2)/(3) Actual Severity	(5) Exponential Curve of Best Fit to Col (4)		
				<u>10 Year</u>	<u>8 Year</u>	<u>6 Year</u>
12/31/2009	\$ 73,232,389	8,179	\$ 8,954	\$ 8,352		
6/30/2010	75,009,598	8,430	8,898	8,552		
12/31/2010	74,500,774	8,699	8,564	8,757		
6/30/2011	76,462,777	8,911	8,581	8,967		
12/31/2011	83,833,363	8,830	9,494	9,183	\$ 9,031	
6/30/2012	78,466,258	8,078	9,714	9,403	9,265	
12/31/2012	75,845,345	7,657	9,905	9,629	9,505	
6/30/2013	73,310,116	7,748	9,462	9,860	9,752	
12/31/2013	77,305,431	7,732	9,998	10,096	10,004	\$ 9,544
6/30/2014	75,542,238	7,915	9,544	10,339	10,263	9,859
12/31/2014	74,630,074	7,879	9,472	10,587	10,529	10,185
6/30/2015	85,047,587	7,600	11,190	10,841	10,802	10,521
12/31/2015	88,187,021	7,630	11,558	11,101	11,082	10,869
6/30/2016	81,885,166	7,616	10,752	11,368	11,369	11,228
12/31/2016	88,337,111	7,702	11,469	11,640	11,663	11,599
6/30/2017	91,341,382	8,065	11,326	11,920	11,965	11,982
12/31/2017	97,981,909	7,888	12,422	12,206	12,275	12,377
6/30/2018	101,042,321	7,562	13,362	12,499	12,593	12,786
12/31/2018	95,731,886	7,352	13,021	12,799	12,919	13,208
6/30/2019	96,767,122	7,001	13,822	13,106	13,254	13,645
Goodness of Fit Statistic, R-Squared:				0.884	0.852	0.865
Average Annual Severity Trend (10 yr)				+ 4.9%		
Average Annual Severity Trend (8 yr)				+ 5.2%		
Average Annual Severity Trend (6 yr)				+ 6.7%		
Selected Annual Severity Trend				+ 5.0%		

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

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

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

(1) Accident Year <u>Ending</u>	(2) Basic Limit Paid <u>Losses *</u>	(3) Occurrences at <u>Ultimate</u>	(4) (2)/(3) Actual <u>Severity</u>	(5) Exponential Curve of <u>Best Fit to Col (4)</u>		
				<u>10 Year</u>	<u>8 Year</u>	<u>6 Year</u>
12/31/2009	\$ 40,246,685	518	\$ 77,696	\$ 85,914		
6/30/2010	42,409,254	558	76,002	84,276		
12/31/2010	33,732,674	525	64,253	82,669		
6/30/2011	40,466,044	470	86,098	81,093		
12/31/2011	45,486,533	422	107,788	79,547	\$ 89,311	
6/30/2012	33,496,081	348	96,253	78,030	86,551	
12/31/2012	30,740,405	339	90,680	76,542	83,877	
6/30/2013	30,894,768	380	81,302	75,083	81,285	
12/31/2013	32,396,888	415	78,065	73,651	78,773	\$ 67,325
6/30/2014	36,512,408	470	77,686	72,247	76,339	66,757
12/31/2014	30,877,757	513	60,191	70,869	73,980	66,193
6/30/2015	36,474,370	589	61,926	69,518	71,694	65,634
12/31/2015	39,551,020	674	58,681	68,192	69,478	65,080
6/30/2016	36,520,342	697	52,396	66,892	67,332	64,530
12/31/2016	35,257,959	639	55,177	65,617	65,251	63,985
6/30/2017	32,972,807	555	59,410	64,366	63,235	63,445
12/31/2017	39,822,818	539	73,883	63,138	61,281	62,909
6/30/2018	45,980,991	544	84,524	61,934	59,387	62,378
12/31/2018	36,205,589	549	65,948	60,754	57,552	61,851
6/30/2019	24,292,445	460	52,810	59,595	55,773	61,329
Goodness of Fit Statistic, R-Squared:				0.302	0.443	0.035
Average Annual Severity Trend (10 yr)				- 3.8%		
Average Annual Severity Trend (8 yr)				- 6.1%		
Average Annual Severity Trend (6 yr)				- 1.7%		
Selected Annual Severity Trend				+ 1.0%		

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

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

(See Section B- Explanation of Trend Calculation).

PREMISES/OPERATIONS
MANUFACTURERS AND CONTRACTORS

FREQUENCY TREND INCLUDING FRINGE OCCURRENCES¹

MULTISTATE

Manual Classes (Full and Deductible Coverage)

Monoline and Multiline Combined

CGL Policies Only

Bodily Injury and Property Damage Combined

(1) Accident Year <u>Ending</u>	(2) Aggregate Loss Costs at <u>Current Level</u>	(3) Occurrences at <u>Ultimate</u> ¹	(4) Occurrence Frequency <u>(3)/(2)</u> ²
6/30/2006	\$ 721,613,388	25,267	35.01
6/30/2007	751,277,830	26,185	34.85
6/30/2008	755,025,104	25,992	34.43
6/30/2009	775,427,520	26,700	34.43
6/30/2010	717,057,601	26,137	36.45
6/30/2011	731,358,117	26,642	36.43
6/30/2012	749,798,952	25,485	33.99
6/30/2013	737,937,479	24,353	33.00
6/30/2014	790,462,467	24,980	31.60
6/30/2015	811,616,912	24,342	29.99
6/30/2016	825,144,162	25,037	30.34
6/30/2017	844,199,482	25,903	30.68
6/30/2018	871,728,318	26,057	29.89
6/30/2019	871,743,920	25,356	29.09

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>
6/30/2006	\$ 894,632,808	31,310	35.00
6/30/2007	930,392,767	31,765	34.14
6/30/2008	976,215,453	31,299	32.06
6/30/2009	1,102,336,999	32,696	29.66
6/30/2010	1,157,997,997	32,475	28.04
6/30/2011	1,193,430,305	32,674	27.38
6/30/2012	1,188,601,097	28,328	23.83
6/30/2013	1,158,488,042	27,947	24.12
6/30/2014	1,207,113,512	31,171	25.82
6/30/2015	1,294,691,707	30,012	23.18
6/30/2016	1,321,706,843	29,381	22.23
6/30/2017	1,349,131,616	30,612	22.69
6/30/2018	1,362,715,346	32,441	23.81
6/30/2019	1,336,936,749	29,652	22.18

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 01</u>		<u>CLASS GROUP 03</u>					
10100	1.03	10026	1.24	12805	0.62	18335	0.70
10146	0.46	10042	0.71	12841	1.03	18437	1.00
10352	0.60	10060	0.34	12927	0.18	18438	1.92
11258	1.24	10065	0.51	13314	0.23	18507	0.36
11259	1.33	10066	0.52	13351	0.56	18570	3.76
11288	1.52	10071	0.61	13352	0.57	18708	0.22
13111	1.15	10101	0.46	13506	1.76	18834	0.57
13673	0.94	10105	4.98	13507	2.12	18911	1.80
13720	0.53	10113	0.69	13716	0.87	18912	3.39
14401	1.25	10115	1.37	13759	0.34	18920	0.88
15224	0.56	10130	6.79	14068	0.075	19795	0.59
18435	1.09	10132	5.85	14101	0.88	19796	0.69
18436	0.88	10150	0.95	14655	0.17	41510	90.50
18501	1.00	10151	23.92	14733	1.19	45900	0.21
		10160	4.26	14734	0.51	45901	0.18
<u>CLASS GROUP 02</u>		10204	0.43	14913	0.64	48808	3.10
16900	1.95	10205	0.48	15314	0.41	49111	4.74
16901	1.25	10220	9.04	15538	0.73		
16902	1.06	10309	0.31	15600	1.84	<u>CLASS GROUP 04</u>	
16905	2.05	10315	0.73	15608	0.41	10133	12.18
16906	1.31	11020	0.58	15656	12.11	11052	12.67
16910	1.17	11126	0.12	15839	0.55	11167	2.92
16911	1.06	11155	0.41	15991	0.45	11168	15.14
16915	1.20	11204	0.60	15993	0.38	14731	12.57
16916	1.00	11234	0.54	16402	2.72	14732	0.93
16920	2.66	11273	26.77	16403	1.72	15123	12.15
16921	2.43	11274	25.69	16404	2.17	15124	4.25
16930	1.53	12356	2.27	16676	0.57	19007	4.75
16931	1.65	12374	1.18	16750	0.20	19051	10.53
16940	3.32	12375	0.58	16751	0.20	44009	14.81
16941	1.33	12393	0.77	16881	3.13	49617	1.00
		12467	0.32	18109	0.75	49618	0.84
				18110	0.60	49619	1.58
				18206	0.97	49763	10.26

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

*Base Class

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

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

*Base Class

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

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

CLASS GROUP 14

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

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

46881	(a)
46882	(a)
46913	(a)
46914	(a)
46915	(a)
46916	(a)
47051	(a)
47052	(a)
47103	(a)
47146	(a)
47147	(a)
47253	(a)
47254	(a)
47468	(a)
47600	(a)
47610	(a)
48177	(a)
48178	(a)
48252	(a)
48610	(a)
48727	(a)
48924	(a)
49305	(a)
49451	(a)
49452	(a)
49800	(a)
49890	(a)
49891	(a)
49902	(a)
49903	(a)
63219	(a)
63220	(a)
64500	(a)
97501	(a)

97502	(a)
97503	(a)
97504	(a)

CLASS GROUP 16

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

*

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

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

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

*Base Class

CLASS GROUP 32 (cont'd)

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

99321	6.22
99613	5.51
99620	0.30
99718	0.88
99746	1.49
99760	0.17
99793	1.89
99827	0.27
99851	1.10
99917	1.78
99938	2.00
99943	5.80
99946	4.32
99963	0.43

CLASS GROUP 33

91130	0.28
91135	0.078
91200	0.16
91265	3.42
91266	1.81
91560	1.00
91580	1.32
91606	2.74
91629	0.56
91636	0.96
91641	0.26
91722	0.84
92445	0.55
92663	0.13
95306	1.10
95357	0.28
95455	1.16
95505	0.54

*

96317	0.29
96872	1.03
97220	0.075
97308	0.14
97447	0.46
97651	1.36
97652	1.18
97655	1.05
98002	0.19
98152	0.64
98153	0.72
98154	0.85
98155	1.19
98157	0.76
98159	0.51
98160	1.08
98161	1.21
98163	1.27
98303	2.39
98309	1.20
98429	0.25
98658	1.23
98659	0.22
98705	1.74
98751	0.93
98914	0.15
98949	0.21
99220	0.33
99222	0.62
99471	0.15
99969	0.60
99988	0.53

CLASS GROUP 34

10036	2.70
10073	4.20
10075	31.17
10107	12.84
10255	1.00
10256	3.66
10257	0.69
11039	3.65
11248	0.19
12014	0.41
12509	0.25
12510	3.17
12583	1.41
12651	4.11
12683	1.88
13201	3.63
13204	4.11
13205	1.58
13410	5.75
13412	1.94
13453	2.24
13454	2.62
13455	2.66
13590	1.98
13621	0.50
14279	1.91
14855	0.88
15062	0.79
15063	0.92
15188	1.39
15404	0.36
15405	0.53

*

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

*Base Class

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

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

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

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

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

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

*Base Class

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

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	12/31/2016	\$23,878,780	1.000		1.062				\$25,359,264
	12/31/2017	25,804,701	1.000		1.052				27,146,545
	12/31/2018	26,885,500	1.006		1.037				28,047,545
MULTILINE	12/31/2016	\$83,435,135	1.000		1.063		0.859		\$76,186,040
	12/31/2017	86,784,843	1.000		1.054		0.859		78,573,782
	12/31/2018	88,688,712	1.006		1.038		0.859		79,553,052
TOTAL	12/31/2016								\$101,545,304
	12/31/2017								105,720,327
	12/31/2018								107,600,597

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

AGGREGATE LOSS COSTS AT CURRENT LEVEL HAVE BEEN TRENDING FROM AN AVERAGE DATE OF COVERAGE TO ONE YEAR BEYOND AN ASSUMED EFFECTIVE DATE OF 07/01/2020 BY AN EXPONENTIAL PROJECTION OF THE AVERAGE ANNUAL EXPOSURE TREND FACTOR. THE DERIVATION OF THIS EXPOSURE TREND FACTOR IS SHOWN IN SECTION F - AVERAGE ANNUAL EXPOSURE TRENDS.

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

MULTISTATE
PRODUCTS
OCCURRENCE
FULL COVERAGE
CALCULATION OF INCURRED LOSSES

REPORT TYPE	LOSS DESCRIPTION	ACCIDENT YEAR ENDING	\$100,000 BASIC LIMIT LOSSES AND ALAE*	X	BASIC LIMIT DEVELOPMENT FACTOR	X	UNALLOCATED LOSS ADJ. FACTOR	X	SEVERITY TREND	X	FREQUENCY TREND	=	BASIC LIMIT DEVELOPED & TRENDED LOSS AND LAE
BI	B/L INDEMNITY	12/31/2016	\$11,436,770		1.093		1.085		1.159		0.927		\$14,571,909
		12/31/2017	9,406,618		1.443		1.085		1.126		0.941		15,604,778
		12/31/2018	6,940,526		2.035		1.085		1.093		0.956		16,012,701
BI	ALAE	12/31/2016	\$18,375,350				1.085		1.159		0.927		\$21,420,447
		12/31/2017	14,473,583				1.085		1.126		0.941		16,639,252
		12/31/2018	20,442,677				1.085		1.093		0.956		23,176,378
PD	B/L INDEMNITY	12/31/2016	\$18,812,804		1.209		1.085		1.338		0.927		\$30,608,738
		12/31/2017	17,734,316		1.311		1.085		1.262		0.941		29,956,830
		12/31/2018	12,754,743		1.529		1.085		1.191		0.956		24,092,318
PD	ALAE	12/31/2016	\$28,336,036				1.085		1.338		0.927		\$38,133,326
		12/31/2017	27,060,311				1.085		1.262		0.941		34,866,753
		12/31/2018	21,891,329				1.085		1.191		0.956		27,044,037
	TOTAL												
	FULL COVERAGE	12/31/2016											\$104,734,419
		12/31/2017											97,067,612
		12/31/2018											90,325,434

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

MULTISTATE
PRODUCTS
OCCURRENCE
DED COVERAGE
CALCULATION OF INCURRED LOSSES

REPORT TYPE	LOSS DESCRIPTION	ACCIDENT YEAR ENDING	\$100,000 BASIC LIMIT LOSSES AND ALAE*	X	BASIC LIMIT DEVELOPMENT FACTOR	X	UNALLOCATED LOSS ADJ. FACTOR	X	SEVERITY TREND	X	FREQUENCY TREND	=	BASIC LIMIT DEVELOPED & TRENDED LOSS AND LAE
BI	B/L INDEMNITY	12/31/2016	\$1,590,170		1.234		1.085		1.159		0.927		\$2,287,450
		12/31/2017	1,621,225		1.485		1.085		1.126		0.941		2,767,754
		12/31/2018	813,295		2.426		1.085		1.093		0.956		2,236,901
BI	ALAE	12/31/2016	\$2,146,076				1.085		1.159		0.927		\$2,501,716
		12/31/2017	2,883,401				1.085		1.126		0.941		3,314,842
		12/31/2018	3,023,366				1.085		1.093		0.956		3,427,666
PD	B/L INDEMNITY	12/31/2016	\$2,207,724		1.085		1.085		1.338		0.927		\$3,223,592
		12/31/2017	3,102,310		1.123		1.085		1.262		0.941		4,488,939
		12/31/2018	2,386,977		1.308		1.085		1.191		0.956		3,857,051
PD	ALAE	12/31/2016	\$2,805,848				1.085		1.338		0.927		\$3,775,980
		12/31/2017	6,391,807				1.085		1.262		0.941		8,235,735
		12/31/2018	3,944,204				1.085		1.191		0.956		4,872,578
	TOTAL DED COVERAGE	12/31/2016											\$11,788,739
		12/31/2017											18,807,269
		12/31/2018											14,394,195
	TOTAL	12/31/2016											\$116,523,158
		12/31/2017											115,874,882
		12/31/2018											104,719,629

* 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	0.843
35	Not Applicable	--
36	Service Policy	0.909
37	Industrial/Processing Policy	0.866
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
12/31/2011	204,835,056	208,164,225	208,042,486	208,037,218	208,037,597	208,035,967	208,035,999	208,035,999
12/31/2012	214,724,779	217,698,788	217,681,536	217,695,894	217,687,776	217,688,000	217,685,880	
12/31/2013	225,261,039	227,627,237	227,623,277	227,562,626	227,560,295	227,560,819		
12/31/2014	232,396,278	238,264,563	237,985,796	237,948,271	237,871,639			
12/31/2015	235,028,602	235,761,953	235,508,577	235,439,321				
12/31/2016	224,899,093	224,647,735	224,822,866					
12/31/2017	220,373,248	221,519,070						
12/31/2018	218,683,098							

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>
12/31/2011	1.016	0.999	1.000	1.000	1.000	1.000	1.000
12/31/2012	1.014	1.000	1.000	1.000	1.000	1.000	
12/31/2013	1.011	1.000	1.000	1.000	1.000		
12/31/2014	1.025	0.999	1.000	1.000			
12/31/2015	1.003	0.999	1.000				
12/31/2016	0.999	1.001					
12/31/2017	1.005						
12/31/2018							

Average Best 3 of 5

<u>27:15</u>	<u>39:27</u>
1.006	1.000

Accident Year Ending	Exposure Development From <u>27:15</u>	<u>39:27</u>	<u>ULT:39</u>	<u>Factor</u>
12/31/2016			1.000	1.000
12/31/2017		1.000	1.000	1.000
12/31/2018	1.006	1.000	1.000	1.006

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
12/31/1999	5,717,015	10,569,732	14,356,450	16,981,064	17,081,349	16,929,106	16,893,460	16,604,162	17,052,217	17,286,547	17,112,687
12/31/2000	6,449,962	10,033,274	13,729,433	15,431,034	15,323,473	15,192,172	15,868,032	15,345,582	15,225,466	15,293,967	15,207,277
12/31/2001	7,537,915	11,487,533	15,110,683	15,697,373	16,074,033	16,099,785	16,387,745	16,733,846	16,433,076	16,289,764	16,609,946
12/31/2002	6,793,461	10,503,399	14,106,818	15,968,391	15,448,574	14,723,038	14,522,061	14,285,828	14,281,474	14,309,545	14,598,065
12/31/2003	7,104,756	11,402,396	14,372,287	15,265,769	14,684,755	13,983,099	13,681,336	14,216,365	14,559,196	14,748,307	14,718,788
12/31/2004	6,651,990	10,441,136	13,710,157	15,174,010	14,832,935	13,841,888	13,850,098	13,729,546	14,091,358	14,203,538	14,205,116
12/31/2005	8,388,932	10,021,755	12,984,688	12,649,875	12,987,896	13,143,146	13,019,008	13,289,851	13,064,271	12,964,345	12,917,622
12/31/2006	7,717,029	11,993,600	15,910,477	16,192,312	15,887,278	16,078,375	15,954,977	16,219,028	16,474,800	16,427,133	16,066,903
12/31/2007	8,901,689	13,932,807	17,205,969	18,297,746	18,098,623	18,250,071	17,760,766	17,751,594	17,533,520	17,427,818	17,555,300
12/31/2008	9,101,834	13,238,554	15,942,410	16,274,984	17,980,803	16,728,097	16,604,973	16,425,051	16,461,558	16,505,746	16,743,765
12/31/2009	10,881,954	13,556,300	16,014,683	16,208,587	15,902,856	15,995,618	15,897,357	15,979,180	15,924,448	16,188,362	
12/31/2010	10,846,473	15,004,305	16,577,497	17,234,052	17,530,587	16,100,506	15,901,753	15,895,140	15,920,906		
12/31/2011	8,727,742	11,726,521	14,822,904	14,979,662	14,308,465	14,177,131	14,036,555	14,166,737			
12/31/2012	8,420,808	12,625,212	16,559,269	16,946,741	16,954,821	16,626,019	16,440,010				
12/31/2013	6,669,511	9,461,665	13,116,130	13,884,875	14,228,247	14,050,212					
12/31/2014	7,382,818	10,139,074	13,608,235	15,279,621	14,775,408						
12/31/2015	7,287,436	9,520,900	12,456,831	13,847,593							
12/31/2016	6,051,107	8,703,775	11,202,564								
12/31/2017	6,629,159	9,812,226									
12/31/2018	6,778,342										
A.Y.E.	147 Months	159 Months	171 Months	183 Months	195 Months	207 Months	219 Months	231 Months	243 Months		
12/31/1999	17,044,753	16,931,356	17,037,761	17,293,386	18,083,352	18,329,418	18,382,966	17,460,390	17,346,771		
12/31/2000	15,218,304	15,368,268	15,413,455	15,610,958	15,910,110	15,960,093	16,410,539	16,447,518			
12/31/2001	16,929,441	17,035,066	17,263,078	17,590,532	17,529,555	17,760,304	17,773,256				
12/31/2002	15,064,726	14,748,163	14,862,938	14,539,610	14,785,186	14,768,063					
12/31/2003	14,735,626	14,910,007	14,830,563	14,898,154	15,064,348						
12/31/2004	14,073,211	13,963,202	14,140,362	14,187,343							
12/31/2005	12,830,165	12,848,326	12,845,367								
12/31/2006	16,359,934	16,563,503									
12/31/2007	17,532,898										

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
12/31/1999	1.849	1.358	1.183	1.006	0.991	0.998	0.983	1.027	1.014	0.990	0.996
12/31/2000	1.556	1.368	1.124	0.993	0.991	1.044	0.967	0.992	1.004	0.994	1.001
12/31/2001	1.524	1.315	1.039	1.024	1.002	1.018	1.021	0.982	0.991	1.020	1.019
12/31/2002	1.546	1.343	1.132	0.967	0.953	0.986	0.984	1.000	1.002	1.020	1.032
12/31/2003	1.605	1.260	1.062	0.962	0.952	0.978	1.039	1.024	1.013	0.998	1.001
12/31/2004	1.570	1.313	1.107	0.978	0.933	1.001	0.991	1.026	1.008	1.000	0.991
12/31/2005	1.195	1.296	0.974	1.027	1.012	0.991	1.021	0.983	0.992	0.996	0.993
12/31/2006	1.554	1.327	1.018	0.981	1.012	0.992	1.017	1.016	0.997	0.978	1.018
12/31/2007	1.565	1.235	1.063	0.989	1.008	0.973	0.999	0.988	0.994	1.007	0.999
12/31/2008	1.454	1.204	1.021	1.105	0.930	0.993	0.989	1.002	1.003	1.014	
12/31/2009	1.246	1.181	1.012	0.981	1.006	0.994	1.005	0.997	1.017		
12/31/2010	1.383	1.105	1.040	1.017	0.918	0.988	1.000	1.002			
12/31/2011	1.344	1.264	1.011	0.955	0.991	0.990	1.009				
12/31/2012	1.499	1.312	1.023	1.000	0.981	0.989					
12/31/2013	1.419	1.386	1.059	1.025	0.987						
12/31/2014	1.373	1.342	1.123	0.967							
12/31/2015	1.306	1.308	1.112								
12/31/2016	1.438	1.287									
12/31/2017	1.480										
3 Yr Mean	1.408	1.312	1.098	0.997	0.986	0.989	1.005	1.000	1.005	1.000	1.003
Best 3/5	1.410	1.321	1.065	0.995	0.986	0.991	1.001	1.000	0.998	1.001	0.998

A.Y.E.	159:147	171:159	183:171	195:183	207:195	219:207	231:219	243:231			
12/31/1999	0.993	1.006	1.015	1.046	1.014	1.003	0.950	0.993			
12/31/2000	1.010	1.003	1.013	1.019	1.003	1.028	1.002	1.002 *			
12/31/2001	1.006	1.013	1.019	0.997	1.013	1.001	1.003 *	1.002 *			
12/31/2002	0.979	1.008	0.978	1.017	0.999	1.006 *	1.003 *	1.002 *			
12/31/2003	1.012	0.995	1.005	1.011	1.016 *	1.006 *	1.003 *	1.002 *			
12/31/2004	0.992	1.013	1.003								
12/31/2005	1.001	1.000									
12/31/2006	1.012										
3 Yr Mean	1.002	1.003	0.995	1.008	1.005 @	1.011 @	0.976 @	0.993 @			
Best 3/5	1.002	1.007	1.007	1.016	1.010 *	1.005 *	1.003 *	1.002 *			

Development From

A.Y.E.	15/ 27	27/ 39	39/ 51	51/ 63	63/ 75	75/ 87	87/ 99	99/111	111/123	123/135	135/147
12/31/2014					0.986	0.991	1.001	1.000	0.998	1.001	0.998
12/31/2015				0.995	0.986	0.991	1.001	1.000	0.998	1.001	0.998
12/31/2016			1.065	0.995	0.986	0.991	1.001	1.000	0.998	1.001	0.998
12/31/2017		1.321	1.065	0.995	0.986	0.991	1.001	1.000	0.998	1.001	0.998
12/31/2018	1.410	1.321	1.065	0.995	0.986	0.991	1.001	1.000	0.998	1.001	0.998

A.Y.E.	147/159	159/171	171/183	183/195	195/207	207/219	219/231	231/243	243/U1t	FACTORS
12/31/2014	1.002	1.007	1.007	1.016	1.010	1.005	1.003	1.002	1.004*	1.031
12/31/2015	1.002	1.007	1.007	1.016	1.010	1.005	1.003	1.002	1.004*	1.026
12/31/2016	1.002	1.007	1.007	1.016	1.010	1.005	1.003	1.002	1.004*	1.093
12/31/2017	1.002	1.007	1.007	1.016	1.010	1.005	1.003	1.002	1.004*	1.443
12/31/2018	1.002	1.007	1.007	1.016	1.010	1.005	1.003	1.002	1.004*	2.035

* 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
12/31/1999	489,628	684,095	942,281	1,109,567	1,227,393	1,100,508	1,319,661	1,155,355	1,144,023	1,070,122	1,193,595
12/31/2000	870,239	1,069,778	1,256,990	1,495,480	1,409,661	1,375,363	1,531,917	1,595,954	1,673,321	1,559,785	1,688,780
12/31/2001	498,354	1,028,391	1,417,213	1,703,023	1,477,859	1,673,159	1,988,228	1,953,088	1,991,661	1,908,726	1,929,624
12/31/2002	553,001	1,105,166	1,453,740	1,389,328	1,624,546	1,622,279	1,695,928	1,520,005	1,468,078	1,471,973	1,469,628
12/31/2003	630,019	904,600	939,108	1,634,794	1,374,153	1,335,817	1,390,331	1,381,834	1,384,309	1,389,957	1,392,068
12/31/2004	1,179,217	1,433,888	2,231,909	2,366,761	2,365,969	2,239,999	2,102,002	2,087,667	2,087,050	2,088,514	2,102,805
12/31/2005	706,817	985,457	1,733,435	1,813,687	1,197,901	1,201,595	1,239,458	1,172,627	1,070,138	1,065,713	1,070,204
12/31/2006	1,012,660	1,790,467	2,007,740	1,972,457	1,682,504	1,614,930	1,643,339	1,690,785	1,594,811	1,599,313	1,627,214
12/31/2007	1,775,707	2,300,635	2,174,000	2,490,444	2,554,309	2,089,228	2,095,655	2,202,232	2,206,643	2,231,632	2,241,907
12/31/2008	1,030,087	1,440,957	1,766,961	1,859,373	1,963,092	2,013,719	2,129,233	2,101,703	2,024,204	2,011,854	2,009,628
12/31/2009	893,756	969,404	1,137,659	1,272,024	1,495,638	1,642,179	1,586,940	1,581,941	1,674,167	1,671,940	
12/31/2010	1,046,857	1,879,906	2,031,526	2,136,140	2,267,507	2,464,744	2,417,405	2,216,188	2,705,107		
12/31/2011	1,213,415	1,646,204	2,053,142	1,769,937	1,745,346	1,750,128	1,848,096	1,855,194			
12/31/2012	1,026,582	1,252,871	1,743,602	1,627,904	1,495,152	1,692,087	1,795,150				
12/31/2013	693,051	981,104	1,044,864	1,228,706	1,315,719	1,375,968					
12/31/2014	754,627	1,610,710	1,872,354	2,138,741	2,078,516						
12/31/2015	880,830	1,190,955	1,183,366	1,486,877							
12/31/2016	876,851	1,130,282	1,561,883								
12/31/2017	509,952	1,322,768									
12/31/2018	847,528										

A.Y.E.	147 Months	159 Months	171 Months	183 Months	195 Months	207 Months	219 Months	231 Months	243 Months
12/31/1999	1,193,496	1,477,295	1,416,737	1,333,829	1,342,618	1,329,540	1,329,540	1,275,033	1,275,033
12/31/2000	1,740,903	1,721,132	1,837,562	1,883,321	1,873,869	1,962,250	1,965,249	1,966,124	
12/31/2001	1,951,898	1,913,648	1,923,502	1,920,740	1,916,741	1,923,340	1,916,740		
12/31/2002	1,469,628	1,470,258	1,471,607	1,474,308	1,474,307	1,499,307			
12/31/2003	1,392,084	1,392,183	1,394,884	1,394,883	1,394,883				
12/31/2004	2,098,729	2,101,430	2,101,429	2,101,429					
12/31/2005	1,072,911	1,073,003	1,072,904						
12/31/2006	1,602,011	1,602,011							
12/31/2007	2,259,132								

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
12/31/1999	1.397	1.377	1.178	1.106	0.897	1.199	0.875	0.990	0.935	1.115	1.000
12/31/2000	1.229	1.175	1.190	0.943	0.976	1.114	1.042	1.048	0.932	1.083	1.031
12/31/2001	2.064	1.378	1.202	0.868	1.132	1.188	0.982	1.020	0.958	1.011	1.012
12/31/2002	1.998	1.315	0.956	1.169	0.999	1.045	0.896	0.966	1.003	0.998	1.000
12/31/2003	1.436	1.038	1.741	0.841	0.972	1.041	0.994	1.002	1.004	1.002	1.000
12/31/2004	1.216	1.557	1.060	1.000	0.947	0.938	0.993	1.000	1.001	1.007	0.998
12/31/2005	1.394	1.759	1.046	0.660	1.003	1.032	0.946	0.913	0.996	1.004	1.003
12/31/2006	1.768	1.121	0.982	0.853	0.960	1.018	1.029	0.943	1.003	1.017	0.985
12/31/2007	1.296	0.945	1.146	1.026	0.818	1.003	1.051	1.002	1.011	1.005	1.008
12/31/2008	1.399	1.226	1.052	1.056	1.026	1.057	0.987	0.963	0.994	0.999	
12/31/2009	1.085	1.174	1.118	1.176	1.098	0.966	0.997	1.058	0.999		
12/31/2010	1.796	1.081	1.051	1.061	1.087	0.981	0.917	1.221			
12/31/2011	1.357	1.247	0.862	0.986	1.003	1.056	1.004				
12/31/2012	1.220	1.392	0.934	0.918	1.132	1.061					
12/31/2013	1.416	1.065	1.176	1.071	1.046						
12/31/2014	2.134	1.162	1.142	0.972							
12/31/2015	1.352	0.994	1.256								
12/31/2016	1.289	1.382									
12/31/2017	2.594										
3 Yr Mean	1.745	1.179	1.191	0.987	1.060	1.033	0.973	1.081	1.001	1.007	0.999
Best 3/5	1.634	1.203	1.084	1.006	1.077	1.031	0.996	1.008	0.999	1.005	1.000

A.Y.E.	159:147	171:159	183:171	195:183	207:195	219:207	231:219	243:231			
12/31/1999	1.238	0.959	0.941	1.007	0.990	1.000	0.959	1.000			
12/31/2000	0.989	1.068	1.025	0.995	1.047	1.002	1.000	1.000 *			
12/31/2001	0.980	1.005	0.999	0.998	1.003	0.997	1.002 *	1.000 *			
12/31/2002	1.000	1.001	1.002	1.000	1.017	1.006 *	1.002 *	1.000 *			
12/31/2003	1.000	1.002	1.000	1.000	0.999 *	1.006 *	1.002 *	1.000 *			
12/31/2004	1.001	1.000	1.000								
12/31/2005	1.000	1.000									
12/31/2006	1.000										
3 Yr Mean	1.000	1.001	1.001	0.999	1.022 @	1.000 @	0.980 @	1.000 @			
Best 3/5	1.000	1.001	1.001	0.999	1.006 *	1.003 *	1.001 *	1.000 *			

Development From

A.Y.E.	15/ 27	27/ 39	39/ 51	51/ 63	63/ 75	75/ 87	87/ 99	99/111	111/123	123/135	135/147
12/31/2014					1.077	1.031	0.996	1.008	0.999	1.005	1.000
12/31/2015				1.006	1.077	1.031	0.996	1.008	0.999	1.005	1.000
12/31/2016			1.084	1.006	1.077	1.031	0.996	1.008	0.999	1.005	1.000
12/31/2017		1.203	1.084	1.006	1.077	1.031	0.996	1.008	0.999	1.005	1.000
12/31/2018	1.634	1.203	1.084	1.006	1.077	1.031	0.996	1.008	0.999	1.005	1.000

A.Y.E.	147/159	159/171	171/183	183/195	195/207	207/219	219/231	231/243	243/U1t	FACTORS
12/31/2014	1.000	1.001	1.001	0.999	1.006	1.003	1.001	1.000	1.000*	1.132
12/31/2015	1.000	1.001	1.001	0.999	1.006	1.003	1.001	1.000	1.000*	1.138
12/31/2016	1.000	1.001	1.001	0.999	1.006	1.003	1.001	1.000	1.000*	1.234
12/31/2017	1.000	1.001	1.001	0.999	1.006	1.003	1.001	1.000	1.000*	1.485
12/31/2018	1.000	1.001	1.001	0.999	1.006	1.003	1.001	1.000	1.000*	2.426

* Calculated Using Modified Bondy Method

@ Three year mean Excludes Modified Bondy ratios

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

Allocated Expenses as of:											
A.Y.E	<u>15 Months</u>	<u>27 Months</u>	<u>39 Months</u>	<u>51 Months</u>	<u>63 Months</u>	<u>75 Months</u>	<u>87 Months</u>	<u>99 Months</u>	<u>111 Months</u>	<u>123 Months</u>	<u>135 Months</u>
12/31/1999	1,161,678	3,985,613	7,387,691	10,668,200	13,233,772	14,548,644	15,046,702	15,197,863	16,154,995	17,507,138	18,212,354
12/31/2000	1,120,843	4,194,972	8,278,858	11,903,286	13,579,226	14,892,898	17,194,649	17,887,365	19,023,750	19,778,183	19,958,554
12/31/2001	1,749,799	5,171,981	8,442,798	10,704,339	13,917,491	15,584,906	17,349,240	19,004,466	19,379,048	19,351,876	19,689,370
12/31/2002	1,599,652	3,784,060	8,215,607	12,445,362	15,871,320	18,902,695	19,187,685	19,940,615	20,453,984	20,909,959	21,184,268
12/31/2003	1,390,196	4,232,804	8,816,128	14,113,556	17,963,232	19,410,673	20,052,354	21,073,727	20,775,505	21,728,862	22,881,859
12/31/2004	963,866	3,137,637	6,575,179	10,512,971	13,408,866	13,685,622	15,164,856	16,013,952	16,903,080	18,100,276	18,247,993
12/31/2005	1,467,363	3,040,154	5,503,467	7,694,767	9,975,868	12,148,120	12,239,645	12,581,531	12,796,693	13,157,614	13,451,044
12/31/2006	1,914,530	6,329,533	8,227,758	11,090,346	12,902,778	14,472,025	16,502,307	17,833,084	16,905,923	16,987,308	17,004,217
12/31/2007	2,349,364	6,833,692	10,526,282	14,448,149	17,648,878	19,486,806	20,643,209	20,870,362	21,097,686	25,424,744	25,431,969
12/31/2008	1,739,266	4,066,748	8,121,453	13,713,388	17,755,230	19,922,808	19,832,125	20,252,091	20,562,572	20,729,111	20,878,511
12/31/2009	3,228,503	5,776,824	10,277,218	13,501,689	15,820,824	16,890,759	16,949,491	17,221,537	17,213,012	17,312,308	
12/31/2010	2,015,921	5,540,961	9,555,638	14,943,874	17,277,804	18,031,842	18,245,560	18,420,474	18,543,926		
12/31/2011	2,319,665	5,503,119	9,998,365	13,375,894	15,347,227	16,612,662	17,673,645	17,615,972			
12/31/2012	2,394,118	7,047,002	15,699,422	20,885,254	24,280,165	27,045,761	27,252,110				
12/31/2013	1,553,046	4,820,251	8,692,872	11,512,617	13,661,849	15,094,943					
12/31/2014	1,584,286	4,365,831	8,163,959	12,070,876	15,019,566						
12/31/2015	2,191,076	4,724,577	8,307,097	12,511,444							
12/31/2016	1,434,181	3,963,589	8,916,348								
12/31/2017	1,249,751	3,364,322									
12/31/2018	2,045,496										

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>
12/31/1999	18,624,785	19,125,647	19,695,875	20,534,413	21,868,607	22,419,334	22,841,682	23,368,424	23,630,162
12/31/2000	20,286,810	20,586,684	20,968,539	21,098,560	21,347,767	21,525,516	21,664,477	21,962,086	
12/31/2001	19,987,812	20,329,171	20,609,279	20,912,049	21,122,306	21,422,486	21,577,685		
12/31/2002	23,638,152	23,557,837	23,531,498	22,785,011	22,903,075	23,404,020			
12/31/2003	22,818,076	23,080,027	22,412,276	22,507,667	22,549,549				
12/31/2004	18,404,058	18,527,598	18,657,113	18,911,037					
12/31/2005	13,626,250	13,729,752	13,855,899						
12/31/2006	17,017,417	17,191,531							
12/31/2007	25,534,736								

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

	Increments												
A.Y.E	<u>27: 15</u>	<u>39: 27</u>	<u>51: 39</u>	<u>63: 51</u>	<u>75: 63</u>	<u>87: 75</u>	<u>99: 87</u>	<u>111: 99</u>	<u>123: 111</u>	<u>135: 123</u>	<u>147: 135</u>	<u>159:147</u>	<u>171:159</u>
12/31/1999	2,823,935	3,402,078	3,280,509	2,565,572	1,314,872	498,058	151,161	957,132	1,352,143	705,216	412,431	500,862	570,228
12/31/2000	3,074,129	4,083,886	3,624,428	1,675,940	1,313,672	2,301,751	692,716	1,136,385	754,433	180,371	328,256	299,874	381,855
12/31/2001	3,422,182	3,270,817	2,261,541	3,213,152	1,667,415	1,764,334	1,655,226	374,582	-27,172	337,494	298,442	341,359	280,108
12/31/2002	2,184,408	4,431,547	4,229,755	3,425,958	3,031,375	284,990	752,930	513,369	455,975	274,309	2,453,884	-80,315	-26,339
12/31/2003	2,842,608	4,583,324	5,297,428	3,849,676	1,447,441	641,681	1,021,373	-298,222	953,357	1,152,997	-63,783	261,951	-667,751
12/31/2004	2,173,771	3,437,542	3,937,792	2,895,895	276,756	1,479,234	849,096	889,128	1,197,196	147,717	156,065	123,540	129,515
12/31/2005	1,572,791	2,463,313	2,191,300	2,281,101	2,172,252	91,525	341,886	215,162	360,921	293,430	175,206	103,502	126,147
12/31/2006	4,415,003	1,898,225	2,862,588	1,812,432	1,569,247	2,030,282	1,330,777	-927,161	81,385	16,909	13,200	174,114	
12/31/2007	4,484,328	3,692,590	3,921,867	3,200,729	1,837,928	1,156,403	227,153	227,324	4,327,058	7,225	102,767		
12/31/2008	2,327,482	4,054,705	5,591,935	4,041,842	2,167,578	-90,683	419,966	310,481	166,539	149,400			
12/31/2009	2,548,321	4,500,394	3,224,471	2,319,135	1,069,935	58,732	272,046	-8,525	99,296				
12/31/2010	3,525,040	4,014,677	5,388,236	2,333,930	754,038	213,718	174,914	123,452					
12/31/2011	3,183,454	4,495,246	3,377,529	1,971,333	1,265,435	1,060,983	-57,673						
12/31/2012	4,652,884	8,652,420	5,185,832	3,394,911	2,765,596	206,349							
12/31/2013	3,267,205	3,872,621	2,819,745	2,149,232	1,433,094								
12/31/2014	2,781,545	3,798,128	3,906,917	2,948,690									
12/31/2015	2,533,501	3,582,520	4,204,347										
12/31/2016	2,529,408	4,952,759											
12/31/2017	2,114,571												

	Incremental Percentages												
A.Y.E	<u>27: 15</u>	<u>39: 27</u>	<u>51: 39</u>	<u>63: 51</u>	<u>75: 63</u>	<u>87: 75</u>	<u>99: 87</u>	<u>111: 99</u>	<u>123: 111</u>	<u>135: 123</u>	<u>147: 135</u>	<u>159:147</u>	<u>171:159</u>
12/31/1999	0.0858	0.1033	0.0996	0.0779	0.0399	0.0151	0.0046	0.0291	0.0411	0.0214	0.0125	0.0152	0.0173
12/31/2000	0.1003	0.1333	0.1183	0.0547	0.0429	0.0751	0.0226	0.0371	0.0246	0.0059	0.0107	0.0098	0.0125
12/31/2001	0.1052	0.1006	0.0695	0.0988	0.0513	0.0543	0.0509	0.0115	-0.0008	0.0104	0.0092	0.0105	0.0086
12/31/2002	0.0761	0.1545	0.1474	0.1194	0.1057	0.0099	0.0262	0.0179	0.0159	0.0096	0.0855	-0.0028	-0.0009
12/31/2003	0.0893	0.1440	0.1665	0.1210	0.0455	0.0202	0.0321	-0.0094	0.0300	0.0362	-0.0020	0.0082	-0.0210
12/31/2004	0.0812	0.1284	0.1471	0.1082	0.0103	0.0553	0.0317	0.0332	0.0447	0.0055	0.0058	0.0046	0.0048
12/31/2005	0.0534	0.0837	0.0745	0.0775	0.0738	0.0031	0.0116	0.0073	0.0123	0.0100	0.0060	0.0035	0.0043
12/31/2006	0.1263	0.0543	0.0819	0.0519	0.0449	0.0581	0.0381	-0.0265	0.0023	0.0005	0.0004	0.0050	
12/31/2007	0.1157	0.0953	0.1012	0.0826	0.0474	0.0298	0.0059	0.0059	0.1117	0.0002	0.0027		
12/31/2008	0.0706	0.1229	0.1696	0.1226	0.0657	-0.0027	0.0127	0.0094	0.0050	0.0045			
12/31/2009	0.0686	0.1212	0.0868	0.0624	0.0288	0.0016	0.0073	-0.0002	0.0027				
12/31/2010	0.0999	0.1138	0.1527	0.0661	0.0214	0.0061	0.0050	0.0035					
12/31/2011	0.1139	0.1609	0.1209	0.0706	0.0453	0.0380	-0.0021						
12/31/2012	0.1325	0.2463	0.1476	0.0967	0.0787	0.0059							
12/31/2013	0.1127	0.1336	0.0973	0.0741	0.0494								
12/31/2014	0.0838	0.1144	0.1177	0.0888									
12/31/2015	0.0903	0.1277	0.1499										
12/31/2016	0.1050	0.2055											
12/31/2017	0.0841												
Best 3/5	0.0931	0.1556	0.1287	0.0778	0.0412	0.0045	0.0060	0.0030	0.0067	0.0035	0.0030	0.0044	0.0027

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

<u>A.Y.E.</u>	<u>183:171</u>	<u>195:183</u>	<u>207:195</u>	Link Ratios <u>219:207</u>	<u>231:219</u>	<u>243:231</u>	<u>Ult:243</u>
12/31/1999	1.043	1.065	1.025	1.019	1.023	1.011	1.043 *
12/31/2000	1.006	1.012	1.008	1.006	1.014	1.011 *	1.043 *
12/31/2001	1.015	1.010	1.014	1.007	1.010 *	1.011 *	1.043 *
12/31/2002	0.968	1.005	1.022	1.015 *	1.010 *	1.011 *	1.043 *
12/31/2003	1.004	1.002	1.009 *	1.015 *	1.010 *	1.011 *	1.043 *
12/31/2004	1.014						
Best 3/5	1.008	1.009	1.015 *	1.012 *	1.011 *	1.011 *	1.043 *

171 to Ultimate Factor: 1.114

	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>
	0.530	0.437	0.282	0.153	0.075	0.034	0.029
<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>
	0.023	0.020	0.014	0.010	0.007	0.003	0.000

<u>A.Y.E</u>	Reported ALAE <u>as of 3/31/19</u>	\$500,000 <u>Ultimate Indemnity</u>	ALAE <u>Factor</u>	Additional <u>ALAE</u>	ALAE at <u>171 Months</u>	171-Ultimate <u>Factor</u>	Ultimate <u>ALAE</u>
12/31/2016	9,454,560	24,966,681	0.282	7,040,617	16,495,177	1.114	18,375,350
12/31/2017	2,930,700	23,025,028	0.437	10,061,952	12,992,652	1.114	14,473,583
12/31/2018	2,013,902	30,824,497	0.530	16,336,996	18,350,898	1.114	20,442,677

* 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
12/31/1999	8,775,392	11,535,910	13,261,731	14,911,838	14,482,216	15,518,987	15,373,379	16,532,220	17,305,331	17,611,023	17,653,455
12/31/2000	9,359,243	12,279,206	13,973,001	14,691,586	15,996,268	16,853,143	17,692,485	18,458,300	18,703,896	19,022,889	19,036,275
12/31/2001	10,869,760	13,663,578	17,452,620	18,711,416	18,613,153	19,344,924	20,491,312	20,372,410	20,877,064	21,074,729	21,359,528
12/31/2002	8,533,174	13,870,196	16,823,277	16,055,637	16,062,495	17,132,778	17,509,920	17,773,076	18,044,002	18,222,620	18,780,953
12/31/2003	9,012,463	11,099,270	13,275,916	14,336,459	15,527,939	16,801,077	17,205,204	17,822,810	18,396,081	18,716,324	18,777,872
12/31/2004	9,194,145	10,781,272	12,043,858	12,480,851	13,822,864	14,106,820	14,439,410	14,835,573	14,979,087	15,374,665	15,540,431
12/31/2005	10,979,382	12,763,283	13,035,554	13,750,429	14,035,423	14,503,047	14,469,086	15,492,129	15,509,844	16,185,873	16,497,692
12/31/2006	11,369,031	12,856,270	14,049,961	14,489,775	15,494,160	16,034,032	16,521,529	18,384,856	18,986,993	18,863,137	18,978,220
12/31/2007	14,784,289	16,984,723	18,098,424	18,003,843	19,189,763	20,022,203	21,337,826	22,022,132	22,351,476	23,106,876	23,683,391
12/31/2008	15,223,786	18,435,601	19,820,517	20,915,565	21,673,701	22,709,746	23,331,127	23,849,672	24,460,633	24,942,823	25,121,810
12/31/2009	19,321,608	21,973,561	23,335,793	23,271,289	23,573,579	24,283,393	23,955,543	24,646,473	25,055,441	24,939,758	
12/31/2010	17,768,740	20,278,971	21,797,115	22,267,455	22,236,153	22,989,117	23,109,074	23,544,158	23,897,400		
12/31/2011	14,929,478	16,713,856	17,323,735	18,800,347	19,119,554	19,604,687	20,122,246	20,706,268			
12/31/2012	15,698,829	16,385,698	17,963,339	20,079,613	20,557,137	20,965,072	21,264,832				
12/31/2013	14,944,259	17,246,442	18,606,227	18,693,570	19,509,190	19,945,664					
12/31/2014	14,004,454	16,007,816	17,455,808	17,647,602	17,971,473						
12/31/2015	14,471,682	15,353,443	16,073,751	16,952,446							
12/31/2016	14,794,173	17,753,973	19,289,844								
12/31/2017	14,180,555	17,619,101									
12/31/2018	12,984,057										

A.Y.E.	147 Months	159 Months	171 Months	183 Months	195 Months	207 Months	219 Months	231 Months	243 Months
12/31/1999	17,506,343	17,396,753	17,490,157	17,460,685	17,488,900	17,615,392	17,619,270	17,607,101	17,601,191
12/31/2000	18,806,380	18,952,041	18,800,922	18,787,279	18,788,670	18,787,298	18,789,499	18,778,999	
12/31/2001	21,382,074	21,181,581	21,095,311	21,144,984	21,097,835	21,104,662	21,093,862		
12/31/2002	18,866,142	18,971,235	19,005,707	19,129,786	19,129,492	19,060,980			
12/31/2003	19,271,550	19,070,628	19,030,715	19,060,957	19,043,720				
12/31/2004	15,744,795	15,631,858	15,809,273	15,560,951					
12/31/2005	16,361,715	16,273,213	16,500,520						
12/31/2006	18,801,803	19,126,281							
12/31/2007	23,820,491								

PRODUCTS (Subline Code 336)

FULL COVERAGE

MULTISTATE

PROPERTY DAMAGE - OCCURRENCE

INCURRED ACCIDENT YEAR BASIC LIMITS LOSS DEVELOPMENT EXCLUDING ALAE

Link Ratios

A.Y.E.	27: 15	39: 27	51: 39	63: 51	75: 63	87: 75	99: 87	111: 99	123:111	135:123	147:135
12/31/1999	1.315	1.150	1.124	0.971	1.072	0.991	1.075	1.047	1.018	1.002	0.992
12/31/2000	1.312	1.138	1.051	1.089	1.054	1.050	1.043	1.013	1.017	1.001	0.988
12/31/2001	1.257	1.277	1.072	0.995	1.039	1.059	0.994	1.025	1.009	1.014	1.001
12/31/2002	1.625	1.213	0.954	1.000	1.067	1.022	1.015	1.015	1.010	1.031	1.005
12/31/2003	1.232	1.196	1.080	1.083	1.082	1.024	1.036	1.032	1.017	1.003	1.026
12/31/2004	1.173	1.117	1.036	1.108	1.021	1.024	1.027	1.010	1.026	1.011	1.013
12/31/2005	1.162	1.021	1.055	1.021	1.033	0.998	1.071	1.001	1.044	1.019	0.992
12/31/2006	1.131	1.093	1.031	1.069	1.035	1.030	1.113	1.033	0.993	1.006	0.991
12/31/2007	1.149	1.066	0.995	1.066	1.043	1.066	1.032	1.015	1.034	1.025	1.006
12/31/2008	1.211	1.075	1.055	1.036	1.048	1.027	1.022	1.026	1.020	1.007	
12/31/2009	1.137	1.062	0.997	1.013	1.030	0.986	1.029	1.017	0.995		
12/31/2010	1.141	1.075	1.022	0.999	1.034	1.005	1.019	1.015			
12/31/2011	1.120	1.036	1.085	1.017	1.025	1.026	1.029				
12/31/2012	1.044	1.096	1.118	1.024	1.020	1.014					
12/31/2013	1.154	1.079	1.005	1.044	1.022						
12/31/2014	1.143	1.090	1.011	1.018							
12/31/2015	1.061	1.047	1.055								
12/31/2016	1.200	1.087									
12/31/2017	1.242										
3 Yr Mean	1.168	1.075	1.024	1.029	1.022	1.015	1.026	1.019	1.016	1.013	0.996
Best 3/5	1.166	1.085	1.050	1.020	1.026	1.015	1.027	1.019	1.016	1.012	1.004

A.Y.E.	159:147	171:159	183:171	195:183	207:195	219:207	231:219	243:231			
12/31/1999	0.994	1.005	0.998	1.002	1.007	1.000	0.999	1.000			
12/31/2000	1.008	0.992	0.999	1.000	1.000	1.000	0.999	1.000 *			
12/31/2001	0.991	0.996	1.002	0.998	1.000	0.999	1.000 *	1.000 *			
12/31/2002	1.006	1.002	1.007	1.000	0.996	1.000 *	1.000 *	1.000 *			
12/31/2003	0.990	0.998	1.002	0.999	1.000 *	1.000 *	1.000 *	1.000 *			
12/31/2004	0.993	1.011	0.984								
12/31/2005	0.995	1.014									
12/31/2006	1.017										
3 Yr Mean	1.002	1.008	0.998	0.999	0.999 @	1.000 @	0.999 @	1.000 @			
Best 3/5	0.998	1.004	1.001	1.000	1.000 *	1.000 *	1.000 *	1.000 *			

Development From

A.Y.E.	15/ 27	27/ 39	39/ 51	51/ 63	63/ 75	75/ 87	87/ 99	99/111	111/123	123/135	135/147
12/31/2014					1.026	1.015	1.027	1.019	1.016	1.012	1.004
12/31/2015				1.020	1.026	1.015	1.027	1.019	1.016	1.012	1.004
12/31/2016			1.050	1.020	1.026	1.015	1.027	1.019	1.016	1.012	1.004
12/31/2017		1.085	1.050	1.020	1.026	1.015	1.027	1.019	1.016	1.012	1.004
12/31/2018	1.166	1.085	1.050	1.020	1.026	1.015	1.027	1.019	1.016	1.012	1.004

A.Y.E.	147/159	159/171	171/183	183/195	195/207	207/219	219/231	231/243	243/U1t	FACTORS
12/31/2014	0.998	1.004	1.001	1.000	1.000	1.000	1.000	1.000	1.000*	1.128
12/31/2015	0.998	1.004	1.001	1.000	1.000	1.000	1.000	1.000	1.000*	1.151
12/31/2016	0.998	1.004	1.001	1.000	1.000	1.000	1.000	1.000	1.000*	1.209
12/31/2017	0.998	1.004	1.001	1.000	1.000	1.000	1.000	1.000	1.000*	1.311
12/31/2018	0.998	1.004	1.001	1.000	1.000	1.000	1.000	1.000	1.000*	1.529

* 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
12/31/1999	871,891	974,564	1,240,484	1,804,131	1,825,758	1,990,773	2,124,460	2,280,180	2,603,467	2,813,817	2,899,708
12/31/2000	911,481	1,418,161	1,856,733	1,701,306	1,789,637	1,959,252	2,347,075	2,540,978	2,684,924	2,899,930	2,969,897
12/31/2001	1,714,268	1,906,815	2,501,349	2,794,304	2,722,663	3,033,211	3,480,995	4,053,613	4,295,842	4,413,920	4,562,554
12/31/2002	816,127	1,498,288	1,749,234	2,165,704	2,663,778	2,788,020	2,940,334	2,979,663	3,626,446	3,613,477	3,612,678
12/31/2003	1,112,048	1,100,271	1,034,747	1,198,168	1,258,275	1,407,272	1,758,440	1,800,015	1,823,913	1,978,839	2,303,717
12/31/2004	646,934	1,032,419	1,566,269	1,341,372	1,264,125	1,315,198	1,328,885	1,297,252	1,410,397	1,511,868	1,508,696
12/31/2005	1,247,844	2,341,128	2,237,914	2,570,256	2,665,469	2,564,226	2,830,164	2,951,706	2,948,330	2,896,340	2,831,657
12/31/2006	2,259,717	3,642,554	4,041,624	3,732,114	3,655,686	3,767,640	4,204,456	4,276,901	4,402,958	4,507,887	4,541,307
12/31/2007	3,147,462	2,878,702	2,861,591	2,951,695	3,267,561	3,203,908	3,281,797	3,460,666	3,555,960	3,569,190	3,689,724
12/31/2008	2,300,534	2,356,105	2,912,852	2,942,863	2,719,539	2,777,845	2,954,737	3,042,876	3,053,072	2,973,285	3,080,284
12/31/2009	3,491,893	3,487,472	3,033,187	3,092,760	3,240,776	3,461,193	3,368,806	3,494,914	3,533,663	3,721,210	
12/31/2010	2,146,474	3,013,663	3,275,886	3,013,927	3,001,696	3,111,554	3,178,635	3,098,837	3,148,850		
12/31/2011	3,103,138	3,172,965	3,030,473	3,019,418	3,195,289	3,108,294	3,072,212	3,071,735			
12/31/2012	2,717,493	2,633,520	2,996,093	2,829,308	2,967,153	2,644,919	2,658,274				
12/31/2013	3,542,774	3,578,990	3,636,208	3,715,846	3,657,084	3,731,285					
12/31/2014	3,144,357	4,105,220	4,108,647	4,323,418	4,244,684						
12/31/2015	2,628,499	2,808,688	3,060,015	2,943,331							
12/31/2016	2,860,766	3,201,787	2,881,966								
12/31/2017	2,022,128	2,644,590									
12/31/2018	2,507,459										

A.Y.E.	147 Months	159 Months	171 Months	183 Months	195 Months	207 Months	219 Months	231 Months	243 Months
12/31/1999	2,852,363	2,836,252	2,837,368	2,842,280	2,842,280	2,842,275	2,842,275	2,842,275	2,842,275
12/31/2000	2,883,052	2,833,259	2,840,932	2,838,796	2,833,475	2,833,475	2,898,404	2,898,403	
12/31/2001	4,404,880	4,363,049	4,313,378	4,294,049	4,221,521	4,226,524	4,219,520		
12/31/2002	3,357,877	3,307,655	3,256,554	3,246,554	3,248,888	3,247,052			
12/31/2003	2,371,415	2,373,258	2,405,716	2,403,729	2,401,665				
12/31/2004	1,478,231	1,507,118	1,502,117	1,501,455					
12/31/2005	2,922,590	2,953,469	2,969,594						
12/31/2006	4,580,000	4,562,597							
12/31/2007	3,668,685								

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
12/31/1999	1.118	1.273	1.454	1.012	1.090	1.067	1.073	1.142	1.081	1.031	0.984
12/31/2000	1.556	1.309	0.916	1.052	1.095	1.198	1.083	1.057	1.080	1.024	0.971
12/31/2001	1.112	1.312	1.117	0.974	1.114	1.148	1.164	1.060	1.027	1.034	0.965
12/31/2002	1.836	1.167	1.238	1.230	1.047	1.055	1.013	1.217	0.996	1.000	0.929
12/31/2003	0.989	0.940	1.158	1.050	1.118	1.250	1.024	1.013	1.085	1.164	1.029
12/31/2004	1.596	1.517	0.856	0.942	1.040	1.010	0.976	1.087	1.072	0.998	0.980
12/31/2005	1.876	0.956	1.149	1.037	0.962	1.104	1.043	0.999	0.982	0.978	1.032
12/31/2006	1.612	1.110	0.923	0.980	1.031	1.116	1.017	1.029	1.024	1.007	1.009
12/31/2007	0.915	0.994	1.031	1.107	0.981	1.024	1.055	1.028	1.004	1.034	0.994
12/31/2008	1.024	1.236	1.010	0.924	1.021	1.064	1.030	1.003	0.974	1.036	
12/31/2009	0.999	0.870	1.020	1.048	1.068	0.973	1.037	1.011	1.053		
12/31/2010	1.404	1.087	0.920	0.996	1.037	1.022	0.975	1.016			
12/31/2011	1.023	0.955	0.996	1.058	0.973	0.988	1.000				
12/31/2012	0.969	1.138	0.944	1.049	0.891	1.005					
12/31/2013	1.010	1.016	1.022	0.984	1.020						
12/31/2014	1.306	1.001	1.052	0.982							
12/31/2015	1.069	1.089	0.962								
12/31/2016	1.119	0.900									
12/31/2017	1.308										
3 Yr Mean	1.165	0.997	1.012	1.005	0.961	1.005	1.004	1.010	1.010	1.026	1.012
Best 3/5	1.165	1.035	0.993	1.010	1.010	1.005	1.022	1.018	1.003	1.013	1.011

A.Y.E.	159:147	171:159	183:171	195:183	207:195	219:207	231:219	243:231			
12/31/1999	0.994	1.000	1.002	1.000	1.000	1.000	1.000	1.000			
12/31/2000	0.983	1.003	0.999	0.998	1.000	1.023	1.000	1.000 *			
12/31/2001	0.991	0.989	0.996	0.983	1.001	0.998	1.000 *	1.000 *			
12/31/2002	0.985	0.985	0.997	1.001	0.999	1.000 *	1.000 *	1.000 *			
12/31/2003	1.001	1.014	0.999	0.999	1.000 *	1.000 *	1.000 *	1.000 *			
12/31/2004	1.020	0.997	1.000								
12/31/2005	1.011	1.005									
12/31/2006	0.996										
3 Yr Mean	1.009	1.005	0.999	0.994	1.000 @	1.007 @	1.000 @	1.000 @			
Best 3/5	1.003	0.997	0.998	0.999	1.000 *	1.000 *	1.000 *	1.000 *			

Development From

A.Y.E.	15/ 27	27/ 39	39/ 51	51/ 63	63/ 75	75/ 87	87/ 99	99/111	111/123	123/135	135/147
12/31/2014					1.010	1.005	1.022	1.018	1.003	1.013	1.011
12/31/2015				1.010	1.010	1.005	1.022	1.018	1.003	1.013	1.011
12/31/2016			0.993	1.010	1.010	1.005	1.022	1.018	1.003	1.013	1.011
12/31/2017		1.035	0.993	1.010	1.010	1.005	1.022	1.018	1.003	1.013	1.011
12/31/2018	1.165	1.035	0.993	1.010	1.010	1.005	1.022	1.018	1.003	1.013	1.011

A.Y.E.	147/159	159/171	171/183	183/195	195/207	207/219	219/231	231/243	243/U1t	FACTORS
12/31/2014	1.003	0.997	0.998	0.999	1.000	1.000	1.000	1.000	1.000*	1.082
12/31/2015	1.003	0.997	0.998	0.999	1.000	1.000	1.000	1.000	1.000*	1.092
12/31/2016	1.003	0.997	0.998	0.999	1.000	1.000	1.000	1.000	1.000*	1.085
12/31/2017	1.003	0.997	0.998	0.999	1.000	1.000	1.000	1.000	1.000*	1.123
12/31/2018	1.003	0.997	0.998	0.999	1.000	1.000	1.000	1.000	1.000*	1.308

* Calculated Using Modified Bondy Method

@ Three year mean Excludes Modified Bondy ratios

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

Allocated Expenses as of:											
A.Y.E	<u>15 Months</u>	<u>27 Months</u>	<u>39 Months</u>	<u>51 Months</u>	<u>63 Months</u>	<u>75 Months</u>	<u>87 Months</u>	<u>99 Months</u>	<u>111 Months</u>	<u>123 Months</u>	<u>135 Months</u>
12/31/1999	2,236,078	2,923,050	5,002,466	7,456,789	9,063,390	11,342,974	12,648,405	13,995,192	15,199,380	16,979,200	17,433,747
12/31/2000	2,436,637	3,528,799	5,887,588	9,635,930	12,277,809	15,448,008	17,907,448	18,816,792	19,420,901	20,234,853	20,673,129
12/31/2001	1,941,404	3,379,635	5,693,716	9,187,551	12,702,114	14,637,546	17,286,451	18,744,195	20,071,255	19,258,821	19,463,337
12/31/2002	1,064,656	3,023,275	6,096,449	8,057,161	9,942,851	11,153,024	11,808,507	13,816,822	13,078,246	13,482,527	14,034,064
12/31/2003	1,528,827	3,689,806	6,304,344	10,109,555	12,021,349	14,071,820	15,859,131	16,951,382	18,200,161	19,218,252	20,028,300
12/31/2004	1,756,954	2,793,625	5,286,754	7,556,249	9,670,461	11,707,085	13,047,669	14,065,505	15,260,903	16,304,671	16,988,803
12/31/2005	2,176,549	4,351,877	7,329,555	7,568,888	8,775,932	10,020,141	12,244,290	13,848,025	14,909,714	16,108,119	17,226,397
12/31/2006	1,556,752	3,554,437	6,620,332	9,355,081	11,255,688	13,355,834	14,448,432	16,644,186	19,751,203	20,344,735	21,134,637
12/31/2007	2,030,682	4,017,040	6,213,935	9,584,306	12,329,454	14,520,131	15,944,561	18,235,074	19,395,303	21,231,632	22,413,217
12/31/2008	2,094,777	5,066,963	9,023,775	12,679,518	15,853,993	18,335,323	19,622,588	20,758,294	21,468,964	22,265,558	22,571,546
12/31/2009	4,238,228	9,628,945	15,931,037	19,259,344	22,356,925	26,195,992	27,176,020	28,728,269	30,268,075	30,911,811	
12/31/2010	2,505,220	5,648,138	10,757,893	16,167,461	19,612,371	21,591,240	23,181,074	23,632,040	24,189,652		
12/31/2011	2,602,259	4,895,333	8,641,190	12,238,844	14,673,854	16,677,960	17,978,116	19,202,947			
12/31/2012	3,069,155	7,407,903	12,016,307	18,543,749	20,685,455	23,204,185	27,260,998				
12/31/2013	3,113,482	6,443,148	9,665,648	13,183,320	15,612,260	17,474,776					
12/31/2014	3,327,355	5,911,994	9,096,123	11,776,669	13,718,661						
12/31/2015	2,504,083	5,298,861	8,694,128	11,209,287							
12/31/2016	4,170,281	10,085,461	16,375,713								
12/31/2017	2,616,762	4,840,021									
12/31/2018	2,407,376										

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>
12/31/1999	18,031,174	17,603,932	17,739,167	17,675,290	17,789,698	17,715,960	17,729,959	17,742,390	17,794,898
12/31/2000	21,187,968	21,540,017	21,700,857	21,640,476	21,897,494	21,894,579	21,872,286	21,874,588	
12/31/2001	19,947,949	20,409,721	20,953,766	21,009,985	21,005,430	21,056,134	21,059,325		
12/31/2002	14,409,665	14,715,566	14,932,696	15,046,206	15,079,675	15,079,395			
12/31/2003	21,303,483	21,503,618	22,164,360	22,218,546	22,124,598				
12/31/2004	17,902,751	18,156,938	18,201,241	18,339,306					
12/31/2005	18,067,854	19,130,261	19,500,421						
12/31/2006	21,236,320	21,436,710							
12/31/2007	23,130,390								

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

	Increments												
A.Y.E	<u>27: 15</u>	<u>39: 27</u>	<u>51: 39</u>	<u>63: 51</u>	<u>75: 63</u>	<u>87: 75</u>	<u>99: 87</u>	<u>111: 99</u>	<u>123: 111</u>	<u>135: 123</u>	<u>147: 135</u>	<u>159:147</u>	<u>171:159</u>
12/31/1999	686,972	2,079,416	2,454,323	1,606,601	2,279,584	1,305,431	1,346,787	1,204,188	1,779,820	454,547	597,427	-427,242	135,235
12/31/2000	1,092,162	2,358,789	3,748,342	2,641,879	3,170,199	2,459,440	909,344	604,109	813,952	438,276	514,839	352,049	160,840
12/31/2001	1,438,231	2,314,081	3,493,835	3,514,563	1,935,432	2,648,905	1,457,744	1,327,060	-812,434	204,516	484,612	461,772	544,045
12/31/2002	1,958,619	3,073,174	1,960,712	1,885,690	1,210,173	655,483	2,008,315	-738,576	404,281	551,537	375,601	305,901	217,130
12/31/2003	2,160,979	2,614,538	3,805,211	1,911,794	2,050,471	1,787,311	1,092,251	1,248,779	1,018,091	810,048	1,275,183	200,135	660,742
12/31/2004	1,036,671	2,493,129	2,269,495	2,114,212	2,036,624	1,340,584	1,017,836	1,195,398	1,043,768	684,132	913,948	254,187	44,303
12/31/2005	2,175,328	2,977,678	239,333	1,207,044	1,244,209	2,224,149	1,603,735	1,061,689	1,198,405	1,118,278	841,457	1,062,407	370,160
12/31/2006	1,997,685	3,065,895	2,734,749	1,900,607	2,100,146	1,092,598	2,195,754	3,107,017	593,532	789,902	101,683	200,390	
12/31/2007	1,986,358	2,196,895	3,370,371	2,745,148	2,190,677	1,424,430	2,290,513	1,160,229	1,836,329	1,181,585	717,173		
12/31/2008	2,972,186	3,956,812	3,655,743	3,174,475	2,481,330	1,287,265	1,135,706	710,670	796,594	305,988			
12/31/2009	5,390,717	6,302,092	3,328,307	3,097,581	3,839,067	980,028	1,552,249	1,539,806	643,736				
12/31/2010	3,142,918	5,109,755	5,409,568	3,444,910	1,978,869	1,589,834	450,966	557,612					
12/31/2011	2,293,074	3,745,857	3,597,654	2,435,010	2,004,106	1,300,156	1,224,831						
12/31/2012	4,338,748	4,608,404	6,527,442	2,141,706	2,518,730	4,056,813							
12/31/2013	3,329,666	3,222,500	3,517,672	2,428,940	1,862,516								
12/31/2014	2,584,639	3,184,129	2,680,546	1,941,992									
12/31/2015	2,794,778	3,395,267	2,515,159										
12/31/2016	5,915,180	6,290,252											
12/31/2017	2,223,259												

	Incremental Percentages												
A.Y.E	<u>27: 15</u>	<u>39: 27</u>	<u>51: 39</u>	<u>63: 51</u>	<u>75: 63</u>	<u>87: 75</u>	<u>99: 87</u>	<u>111: 99</u>	<u>123: 111</u>	<u>135: 123</u>	<u>147: 135</u>	<u>159:147</u>	<u>171:159</u>
12/31/1999	0.0268	0.0811	0.0958	0.0627	0.0889	0.0509	0.0526	0.0470	0.0694	0.0177	0.0233	-0.0167	0.0053
12/31/2000	0.0386	0.0834	0.1325	0.0934	0.1120	0.0869	0.0321	0.0213	0.0288	0.0155	0.0182	0.0124	0.0057
12/31/2001	0.0460	0.0741	0.1118	0.1125	0.0619	0.0848	0.0466	0.0425	-0.0260	0.0065	0.0155	0.0148	0.0174
12/31/2002	0.0711	0.1115	0.0711	0.0684	0.0439	0.0238	0.0729	-0.0268	0.0147	0.0200	0.0136	0.0111	0.0079
12/31/2003	0.0763	0.0923	0.1343	0.0675	0.0724	0.0631	0.0385	0.0441	0.0359	0.0286	0.0450	0.0071	0.0233
12/31/2004	0.0489	0.1177	0.1071	0.0998	0.0962	0.0633	0.0481	0.0564	0.0493	0.0323	0.0431	0.0120	0.0021
12/31/2005	0.0928	0.1270	0.0102	0.0515	0.0531	0.0949	0.0684	0.0453	0.0511	0.0477	0.0359	0.0453	0.0158
12/31/2006	0.0683	0.1048	0.0934	0.0649	0.0718	0.0373	0.0750	0.1062	0.0203	0.0270	0.0035	0.0068	
12/31/2007	0.0565	0.0625	0.0959	0.0781	0.0623	0.0405	0.0652	0.0330	0.0523	0.0336	0.0204		
12/31/2008	0.0766	0.1020	0.0943	0.0818	0.0640	0.0332	0.0293	0.0183	0.0205	0.0079			
12/31/2009	0.1301	0.1521	0.0803	0.0748	0.0926	0.0237	0.0375	0.0372	0.0155				
12/31/2010	0.0828	0.1346	0.1425	0.0908	0.0521	0.0419	0.0119	0.0147					
12/31/2011	0.0661	0.1080	0.1038	0.0702	0.0578	0.0375	0.0353						
12/31/2012	0.1106	0.1175	0.1664	0.0546	0.0642	0.1034							
12/31/2013	0.0907	0.0878	0.0958	0.0662	0.0507								
12/31/2014	0.0700	0.0863	0.0726	0.0526									
12/31/2015	0.0882	0.1072	0.0794										
12/31/2016	0.1364	0.1451											
12/31/2017	0.0525												

Best 3/5	0.0830	0.1042	0.0930	0.0637	0.0581	0.0375	0.0340	0.0295	0.0306	0.0310	0.0332	0.0101	0.0137
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PRODUCTS (Subline Code 336)
 FULL COVERAGE
 MULTISTATE
 PROPERTY DAMAGE - OCCURRENCE
 INCURRED ACCIDENT YEAR ALAE DEVELOPMENT

<u>A.Y.E.</u>	<u>183:171</u>	<u>195:183</u>	<u>207:195</u>	<u>Link Ratios</u> <u>219:207</u>	<u>231:219</u>	<u>243:231</u>	<u>Ult:243</u>
12/31/1999	0.996	1.006	0.996	1.001	1.001	1.003	1.000 *
12/31/2000	0.997	1.012	1.000	0.999	1.000	1.000 *	1.000 *
12/31/2001	1.003	1.000	1.002	1.000	1.000 *	1.000 *	1.000 *
12/31/2002	1.008	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	1.008						
Best 3/5	1.004	1.003	1.001 *	1.000 *	1.000 *	1.000 *	1.000 *

171 to Ultimate Factor: 1.008

	<u>Cumulative Incremental Factors</u>						
<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>
	0.621	0.538	0.434	0.341	0.278	0.220	0.182
<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>
	0.148	0.119	0.088	0.057	0.024	0.014	0.000

<u>A.Y.E</u>	<u>Reported ALAE</u> <u>as of 3/31/19</u>	<u>\$500,000</u> <u>Ultimate Indemnity</u>	<u>ALAE</u> <u>Factor</u>	<u>Additional</u> <u>ALAE</u>	<u>ALAE at</u> <u>171 Months</u>	<u>171-Ultimate</u> <u>Factor</u>	<u>Ultimate</u> <u>ALAE</u>
12/31/2016	10,235,451	41,188,959	0.434	17,876,013	28,111,464	1.008	28,336,036
12/31/2017	5,241,533	40,156,636	0.538	21,604,285	26,845,818	1.008	27,060,311
12/31/2018	2,197,136	31,434,283	0.621	19,520,697	21,717,833	1.008	21,891,329

* Calculated Using Modified Bondy Method

Multistate Review of ULAE Experience
General Liability Including CMP Liability
Loss Adjustment Expense Special Call
Calendar Years 2014 - 2018

<u>Item *</u>	<u>2014</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2014 - 2018 Mean</u>
1. Direct Losses Incurred	\$20,338,262	\$25,301,890	\$26,175,083	\$23,084,643	\$26,920,048	
2. Allocated Loss Adjustment Expenses Incurred (ALAE)	\$5,287,378	\$6,141,101	\$5,079,567	\$6,058,484	\$5,902,031	
3. Unallocated Loss Adjustment Expenses Incurred (ULAE)	\$2,425,208	\$2,534,792	\$2,658,432	\$2,367,750	\$2,313,863	
4. Incurred Losses + ALAE [(1) + (2)]	\$25,625,640	\$31,442,991	\$31,254,650	\$29,143,127	\$32,822,079	
	<u>Incurred Percentage</u>					
5. Ratio of ULAE to (Losses + ALAE) [(3)/(4)]	9.5%	8.1%	8.5%	8.1%	7.0%	8.2%
6. Selected	8.5%					

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) 7/1/2016 to 7/1/2021 AYE 12/31/2016	+ 1.3%	
	b) 7/1/2017 to 7/1/2021 AYE 12/31/2017	+ 1.4%	
	c) 7/1/2018 to 7/1/2021 AYE 12/31/2018	+ 1.3%	
(2)	<u>OCCURRENCE SEVERITY</u>	<u>BODILY INJURY</u>	<u>PROPERTY DAMAGE</u>
	a) Fitted		
	All Years	+ 4.6%	+ 4.4%
	Eight Years	+ 3.7%	+ 4.8%
	Six Years	+ 3.0%	+ 5.1%
	b) Selected	+ 3.0%	+ 6.0%
(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 12/31/2016, 12/31/2017 & 12/31/2018

(1)			(2)		
YEAR ENDING			PRODUCTS		
<u>QUARTER*</u>			CLASS GROUP		
			SALES EXPOSURE		
			<u>INDICES</u>		
2008	1		0.962		
	2		0.958		
	3		0.956		
	4		0.957		
2009	1		0.961		
	2		0.966		
	3		0.969		
	4		0.968		
2010	1		0.964		
	2		0.962		
	3		0.962		
	4		0.965		
2011	1		0.968		
	2		0.973		
	3		0.978		
	4		0.982		
2012	1		0.986		
	2		0.990		
	3		0.995		
	4		1.000		
2013	1		1.004		
	2		1.006		
	3		1.008		
	4		1.010		
2014	1		1.012		
	2		1.016		
	3		1.019		
	4		1.022		
2015	1		1.024		
	2		1.026		
	3		1.028		
	4		1.030		
2016	1		1.030		
	2		1.031		
	3		1.030		
	4		1.030		
2017	1		1.033		
	2		1.034		
	3		1.037		
	4		1.040		
2018	1		1.043		
	2		1.048		
	3		1.052		
	4		1.056		
2019	1		1.059		
	2		1.062		
	3P		1.064		
	4P		1.067		
2020	1P		1.071		
	2P		1.074		
	3P		1.076		
	4P		1.079		
2021	1P		1.082		
	2P		1.087		
	3P		1.093		
	4P		1.099		

CHANGE IN EXPOSURES		PRODUCTS
7/1/2016 to 7/1/2021	(2021:4/2016:4)	1.067
7/1/2017 to 7/1/2021	(2021:4/2017:4)	1.057
7/1/2018 to 7/1/2021	(2021:4/2018:4)	1.041
AVERAGE ANNUAL TREND FACTOR		
7/1/2016 to 7/1/2021	(5.0 YRS)	1.013
7/1/2017 to 7/1/2021	(4.0 YRS)	1.014
7/1/2018 to 7/1/2021	(3.0 YRS)	1.013

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

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

(1) Accident Year <u>Ending</u>	(2) Basic Limit Paid <u>Losses *</u>	(3) Paid <u>Occurrences</u>	(4) (2)/(3) Actual <u>Severity</u>	(5) Exponential Curve of <u>Best Fit to Col (4)</u>		
				<u>10 Year</u>	<u>8 Year</u>	<u>6 Year</u>
12/31/2009	\$28,565,779	1,159	\$24,647	\$26,075		
12/31/2010	29,467,318	1,090	27,034	27,269		
12/31/2011	25,948,972	992	26,158	28,517	\$29,597	
12/31/2012	31,873,679	918	34,721	29,822	30,696	
12/31/2013	22,372,670	757	29,554	31,187	31,836	\$32,409
12/31/2014	21,688,425	603	35,968	32,615	33,018	33,374
12/31/2015	20,197,679	565	35,748	34,108	34,244	34,368
12/31/2016	19,211,222	540	35,576	35,669	35,515	35,391
12/31/2017	18,912,072	502	37,673	37,302	36,834	36,445
12/31/2018	13,390,360	379	35,331	39,010	38,202	37,530
Goodness of Fit Statistic, R-Squared:				0.739	0.519	0.424
Average Annual Severity Trend (10 yr)				+ 4.6%		
Average Annual Severity Trend (8 yr)				+ 3.7%		
Average Annual Severity Trend (6 yr)				+ 3.0%		
Selected Annual Severity Trend				+ 3.0%		

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

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

(See Section B - Explanation of Trend Calculation).

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

(1) Accident Year Ending	(2) Basic Limit Paid Losses *	(3) Paid Occurrences	(4) (2)/(3) Actual Severity	(5) Exponential Curve of Best Fit to Col (4)		
				<u>10 Year</u>	<u>8 Year</u>	<u>6 Year</u>
12/31/2009	\$57,034,846	1,411	\$40,422	\$35,339		
12/31/2010	48,625,042	1,492	32,591	36,881		
12/31/2011	42,230,492	1,247	33,866	38,490	\$37,858	
12/31/2012	53,993,780	1,161	46,506	40,170	39,682	
12/31/2013	43,501,646	1,056	41,195	41,923	41,594	\$40,951
12/31/2014	40,342,493	958	42,111	43,752	43,598	43,057
12/31/2015	37,267,761	882	42,254	45,661	45,699	45,271
12/31/2016	49,417,322	897	55,092	47,654	47,901	47,599
12/31/2017	39,238,271	805	48,743	49,733	50,210	50,047
12/31/2018	37,259,846	733	50,832	51,903	52,629	52,620

Goodness of Fit Statistic, R-Squared: 0.599 0.582 0.607

Average Annual Severity Trend (10 yr) + 4.4%

Average Annual Severity Trend (8 yr) + 4.8%

Average Annual Severity Trend (6 yr) + 5.1%

Selected Annual Severity Trend + 6.0%

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

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

(See 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
12/31/2005	\$ 83,491,885	2,649	31.73
12/31/2006	82,060,342	2,702	32.93
12/31/2007	83,804,483	2,993	35.71
12/31/2008	89,261,632	2,887	32.34
12/31/2009	98,079,867	3,299	33.63
12/31/2010	103,715,205	3,361	32.41
12/31/2011	105,990,684	3,048	28.75
12/31/2012	107,859,086	2,884	26.74
12/31/2013	107,304,542	2,793	26.03
12/31/2014	107,809,725	2,473	22.94
12/31/2015	111,727,306	2,224	19.91
12/31/2016	113,953,385	2,095	18.38
12/31/2017	118,247,160	2,010	17.00
12/31/2018	119,863,952	1,951	16.28

Selected Annual Frequency Trend: - 1.5%

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

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

CLASS GROUPS AND CALCULATION OF PROPOSED CLASS LOSS COSTS

Explanatory Notes

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

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

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

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

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

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

K = The number of classes within the class group.

\bar{P}_i = The 5 year total Mono / Multi ALCCL for class i .

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

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

CLASS GROUPS AND CALCULATION OF PROPOSED CLASS LOSS COSTS

Explanatory Notes (Cont'd)

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

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

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

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

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

Note: \tilde{X} (X - tilde) is the 5 year Mono / Multi ALCCL weighted class group experience ratio, where

$\tilde{X}_{\text{monoline}}$ (X - tilde monoline) is weighted based on monoline/multiline ALCCL for the latest year only.

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

Change Factor = (Index) (Class Group Relative Change) (SWRL) (Off balance factor)
where "SWRL" is the selected multistate monoline loss cost level change.
The off balance factor of 1.001 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 * .942 * 1.000

CLASS	AYE 2018 MONO/MULTI ALCCL (1)	5 YEAR MONO/MULTI ALCCL (2)	5 YEAR MONO/MULTI EXPERIENCE RATIO (3)	CRED. (4)	FORMULA ER (5)	INDEX (6)	CHANGE FACTOR (7)	PRESENT MULTI- STATE OCCUR (8)	PROPOSED MULTI- STATE OCCUR (9)	STATE- WIDE % CHANGE (10)	PRESENT STATEWIDE OCCUR (11)	PROPOSED STATEWIDE OCCUR (12)
10140	306156	1111065	.92536	.1644	.944	1.047	.986	.021	.021	0.0	.021	.021
10141	470932	2159212	.84188	.2422	.922	1.022	.963	.024	.023	-4.2	.024	.023
12361	1881752	9659480	.86356	.5451	.902	1.000	.942	.082	.077	-6.1	.082	.077
12373	92941	687773	.73278	.1283	.920	1.020	.961	.025	.024	-4.0	.025	.024
13049	218217	1040155	1.30149	.1586	1.004	1.113	1.048	.054	.057	5.6	.054	.057
13111	36150	190726	.59825	.0817	.919	1.019	.960	.097	.093	-4.1	.097	.093
13112	1620094	7762805	.78649	.4939	.868	.962	.906	.069	.063	-8.7	.069	.063
13621	131893	1262520	.42455	.1767	.855	.948	.893	.360	.320	-11.1	.360	.320
13670	229038	1289863	1.99222	.1788	1.134	1.257	1.184	.013	.015	15.4	.013	.015
15223	921185	4548275	1.68246	.3748	1.223	1.356	1.277	.033	.041	24.2	.033	.041
15406	308594	1293542	1.46372	.1791	1.040	1.153	1.086	.044	.048	9.1	.044	.048
16604	614655	2968068	.95741	.2930	.950	1.053	.992	.147	.146	-0.7	.147	.146
51300	6740	35928	.00000	.0662	.885	.981	.924	.173	.160	-7.5	.173	.160
51305	488	43041	.13287	.0669	.893	.990	.933	1.030	.960	-6.8	1.030	.960
51315	789468	3808612	.96281	.3390	.953	1.057	.996	.106	.106	0.0	.106	.106
51350	185978	920336	.67701	.1486	.907	1.006	.948	.142	.135	-4.9	.142	.135
51351	24365	90838	.30397	.0718	.901	.999	.941	.045	.042	-6.7	.045	.042
51352	116409	474969	.57460	.1090	.907	1.006	.948	.114	.108	-5.3	.114	.108
51355	155037	833906	.90492	.1412	.942	1.044	.983	.096	.094	-2.1	.096	.094
51356	87707	290815	.03097	.0915	.864	.958	.902	.690	.620	-10.1	.690	.620
51357	3485	15681	6.66864	.0641	1.314	1.457	1.372	.530	.660	24.5	.530	.660
51358	19910	71592	.37420	.0698	.908	1.007	.949	.149	.141	-5.4	.149	.141
51359	95596	283695	.29166	.0908	.888	.984	.927	.840	.780	-7.1	.840	.780
51752	613978	3011314	1.09820	.2955	.992	1.100	1.036	.159	.165	3.8	.159	.165
52002	1298303	6645564	1.16569	.4580	1.047	1.161	1.094	.118	.129	9.3	.118	.129
53001	977109	5445556	.94025	.4133	.945	1.048	.987	.330	.330	0.0	.330	.330
53374	5883044	26908599	.73819	.7630	.788	.874	.823	.380	.310	-18.4	.380	.310
53375	1778485	9051461	.77300	.5298	.855	.948	.893	.250	.223	-10.8	.250	.223
53376	416486	1951271	1.14739	.2279	.993	1.101	1.037	.187	.194	3.7	.187	.194
53377	2130376	10248713	.83187	.5589	.883	.979	.922	.211	.195	-7.6	.211	.195
53565	211770	832438	.11386	.1410	.830	.920	.867	.124	.108	-12.9	.124	.108
55371	14588	83605	.00000	.0710	.880	.976	.919	.130	.119	-8.5	.130	.119
56488	65138	215555	.96785	.0842	.949	1.052	.991	.034	.034	0.0	.034	.034
56758	112975	458859	.63105	.1075	.913	1.012	.953	.155	.148	-4.5	.155	.148
56759	848416	3480501	.57039	.3217	.826	.916	.863	.093	.080	-14.0	.093	.080
56760	1530880	7124840	.81444	.4740	.884	.980	.923	.106	.098	-7.5	.106	.098
57002	193613	840602	.78317	.1417	.924	1.024	.965	.110	.106	-3.6	.110	.106

X-TILDE: .898 X-TILDE (MONOLINE): .902 PI-TILDE: .0038385
 TAU SQUARED: .03000 SIGMA SQUARED: 273180.77234

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 * .942 * 1.000

CLASS	AYE 2018 MONO/MULTI ALCCL (1)	5 YEAR MONO/MULTI ALCCL (2)	5 YEAR MONO/MULTI EXPERIENCE RATIO (3)	CRED. (4)	FORMULA ER (5)	INDEX (6)	CHANGE FACTOR (7)	PRESENT MULTI- STATE OCCUR (8)	PROPOSED MULTI- STATE OCCUR (9)	STATE- WIDE % CHANGE (10)	PRESENT STATEWIDE OCCUR (11)	PROPOSED STATEWIDE OCCUR (12)
57651	140753	728840	.74736	.1320	.921	1.021	.962	.043	.041	-4.7	.043	.041
57913	594422	2567286	.72143	.2687	.887	.983	.926	.310	.290	-6.5	.310	.290
59537	210333	862698	2.95502	.1436	1.236	1.370	1.291	.168	.210	25.0	.168	.210 U
59647	45216	224265	.70249	.0850	.927	1.028	.968	.176	.170	-3.4	.176	.170
59904	6549	37542	.00000	.0663	.885	.981	.924	.066	.061	-7.6	.066	.061
59905	137598	570781	1.17306	.1178	.974	1.080	1.017	.130	.132	1.5	.130	.132
59925	1250	5251	2.51362	.0630	1.046	1.160	1.093	1.090	1.190	9.2	1.090	1.190
59926	260506	1148304	1.35239	.1675	1.015	1.125	1.060	.420	.450	7.1	.420	.450
59927	168553	429683	.22217	.1047	.872	.967	.911	1.560	1.420	-9.0	1.560	1.420
59963	50513	155335	.05700	.0782	.878	.973	.917	.450	.410	-8.9	.450	.410
59964	169588	850337	1.93491	.1426	1.088	1.206	1.136	.061	.069	13.1	.061	.069

X-TILDE: .898 X-TILDE (MONOLINE): .902 PI-TILDE: .0038385
 TAU SQUARED: .03000 SIGMA SQUARED: 273180.77234

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 * 1.044 * 1.000

CLASS	AYE 2018 MONO/MULTI ALCCL (1)	5 YEAR MONO/MULTI ALCCL (2)	5 YEAR MONO/MULTI EXPERIENCE RATIO (3)	CRED. (4)	FORMULA ER (5)	INDEX (6)	CHANGE FACTOR (7)	PRESENT MULTI- STATE OCCUR (8)	PROPOSED MULTI- STATE OCCUR (9)	STATE- WIDE % CHANGE (10)	PRESENT STATEWIDE OCCUR (11)	PROPOSED STATEWIDE OCCUR (12)
10010	129803	644093	1.23203	.1273	1.094	1.013	1.058	.184	.195	6.0	.184	.195
10040	742489	4043356	1.18404	.3224	1.109	1.027	1.072	.280	.300	7.1	.280	.300
10070	1611598	8963972	1.19639	.4880	1.133	1.049	1.095	.141	.154	9.2	.141	.154
10101	329349	1687342	1.34162	.1981	1.127	1.044	1.090	.166	.181	9.0	.166	.181
10111	184837	842580	.38108	.1417	.975	.903	.943	.083	.078	-6.0	.083	.078
10255	2341872	10785181	1.23909	.5305	1.161	1.075	1.122	.131	.147	12.2	.131	.147
10256	11008	55413	.99045	.0815	1.067	.988	1.031	.147	.152	3.4	.147	.152
10257	3033512	12895158	1.02241	.5717	1.044	.967	1.010	.167	.169	1.2	.167	.169
11126	144902	715703	1.42449	.1325	1.120	1.037	1.083	.020	.022	10.0	.020	.022
11203	8874	36762	.00000	.0800	.988	.915	.955	.540	.520	-3.7	.540	.520
11248	9911	50307	.00000	.0811	.986	.913	.953	.019	.018	-5.3	.019	.018
12391	1597669	7534975	.74912	.4489	.928	.859	.897	.091	.082	-9.9	.091	.082
12509	43795	209831	.04034	.0940	.976	.904	.944	.038	.036	-5.3	.038	.036
12651	579219	2767112	1.25361	.2603	1.120	1.037	1.083	.490	.530	8.2	.490	.530
12707	294500	1017929	.70205	.1541	1.016	.941	.982	.650	.640	-1.5	.650	.640
12797	1016214	4684545	1.43674	.3498	1.201	1.112	1.161	.169	.196	16.0	.169	.196
13201	32046	103961	.12846	.0854	.993	.919	.959	.167	.160	-4.2	.167	.160
13204	1134469	6535576	1.06460	.4178	1.070	.991	1.035	1.400	1.450	3.6	1.400	1.450
13205	305694	1463843	1.19784	.1839	1.096	1.015	1.060	.430	.460	7.0	.430	.460
13314	119	482	.00000	.0770	.991	.918	.958	.017	.016	-5.9	.017	.016
13410	2862718	14790089	1.39678	.6030	1.268	1.174	1.226	2.440	2.990	22.5	2.440	2.990
13412	586455	3501588	1.38543	.2973	1.166	1.080	1.128	1.010	1.140	12.9	1.010	1.140
13590	3911061	17277202	1.00651	.6377	1.031	.955	.997	.740	.740	0.0	.740	.740
13715	1711513	8536428	1.15083	.4769	1.110	1.028	1.073	.154	.165	7.1	.154	.165
13930	1120922	4936834	.82400	.3600	.984	.911	.951	.211	.201	-4.7	.211	.201
14068	6739	39460	.00000	.0802	.987	.914	.954	.015	.014	-6.7	.015	.014
14527	342227	1644340	1.10932	.1954	1.080	1.000	1.044	.181	.189	4.4	.181	.189
14855	15400	120453	.05639	.0868	.985	.912	.952	.162	.154	-4.9	.162	.154
16005	356543	1752474	.95351	.2022	1.049	.971	1.014	.034	.034	0.0	.034	.034
16009	33022	156321	2.86933	.0897	1.235	1.144	1.194	.079	.094	19.0	.079	.094
16527	4913152	22173136	.98667	.6909	1.013	.938	.979	.360	.350	-2.8	.360	.350
16705	234200	875965	.59749	.1441	1.005	.931	.972	.152	.148	-2.6	.152	.148
16750	436085	1821197	1.00629	.2064	1.060	.981	1.024	.031	.032	3.2	.031	.032
18205	409843	2023613	1.50814	.2186	1.168	1.081	1.129	.310	.350	12.9	.310	.350
18616	2640988	11002187	1.18986	.5351	1.136	1.052	1.098	.540	.590	9.3	.540	.590
18707	11908	56794	4.84250	.0816	1.381	1.279	1.335	.003	.004	33.3	.003	.004
45771	152655	638426	.19541	.1269	.962	.891	.930	.176	.164	-6.8	.176	.164

N

X-TILDE: 1.094 X-TILDE (MONOLINE): 1.080 PI-TILDE: .0048100
 TAU SQUARED: .03000 SIGMA SQUARED: 334909.49915

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 * 1.044 * 1.000

CLASS	AYE 2018 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	321294	1748523	1.14006	.2019	1.087	1.006	1.050	.047	.049	4.3	.047	.049
53907	1630456	6831241	.80957	.4273	.961	.890	.929	.111	.103	-7.2	.111	.103

X-TILDE: 1.094 X-TILDE (MONOLINE): 1.080 PI-TILDE: .0048100

TAU SQUARED: .03000 SIGMA SQUARED: 334909.49915

L - CAPPED DOWN

U - CAPPED UP

N - NOT SUBJECT TO CAPPING

E - SUBJECT TO CAPPING EXCEPTION

LOSS COST % CHANGE BY CLASS

SUBLINE: PRODUCTS

CLASS GROUP: 05

NUMBER OF YEARS OF DATA USED: 5

CHANGE FACTOR = INDEX * CG REL * SWRL USED = INDEX * 1.013 * 1.000

CLASS	AYE 2018 MONO/MULTI ALCCL (1)	5 YEAR MONO/MULTI ALCCL (2)	5 YEAR MONO/MULTI EXPERIENCE RATIO (3)	CRED. (4)	FORMULA ER (5)	INDEX (6)	CHANGE FACTOR (7)	PRESENT MULTI- STATE OCCUR (8)	PROPOSED MULTI- STATE OCCUR (9)	STATE- WIDE % CHANGE (10)	PRESENT STATEWIDE OCCUR (11)	PROPOSED STATEWIDE OCCUR (12)
51380	2201	7084	.36674	.1510	.937	.877	.888	.050	.044	-12.0	.050	.044
51575	175662	989822	1.15409	.2687	1.069	1.001	1.014	.020	.020	0.0	.020	.020
51576	186213	755247	2.54079	.2437	1.404	1.315	1.332	.075	.093	24.0	.075	.093 U
51613	68459	403672	1.15534	.2028	1.062	.994	1.007	.138	.139	0.7	.138	.139
51666	43426	223395	1.03486	.1800	1.037	.971	.984	.103	.101	-1.9	.103	.101
51767	1146	6452	.00000	.1509	.881	.825	.836	.009	.008	-11.1	.009	.008
51833	2645	7923	.00000	.1511	.881	.825	.836	.072	.060	-16.7	.072	.060
51869	135945	579644	.97474	.2238	1.024	.959	.971	.140	.136	-2.9	.140	.136
51889	878	4569	.00000	.1506	.882	.826	.837	.014	.012	-14.3	.014	.012
51941	1593933	7800887	1.15004	.6271	1.108	1.037	1.050	.039	.041	5.1	.039	.041
52469	2669525	11999188	.99444	.7136	1.007	.943	.955	.109	.104	-4.6	.109	.104
55647	357888	1666778	1.42499	.3325	1.167	1.093	1.107	.056	.062	10.7	.056	.062
55802	21960	104274	1.32333	.1643	1.085	1.016	1.029	.009	.009	0.0	.009	.009
56040	655	3397	.00000	.1505	.882	.826	.837	.040	.033	-17.5	.040	.033
57257	30650	123442	.94573	.1669	1.023	.958	.970	.036	.035	-2.8	.036	.035
57410	22477	110804	2.86057	.1652	1.339	1.254	1.270	.130	.162	24.6	.130	.162 U
58503	28809	106947	2.80489	.1647	1.329	1.244	1.260	.061	.076	24.6	.061	.076 U
58627	1837	10682	.00000	.1515	.881	.825	.836	.016	.013	-18.8	.016	.013
59257	179	2034	.00000	.1503	.882	.826	.837	.015	.013	-13.3	.015	.013
59923	393	12881	.00000	.1518	.880	.824	.835	.005	.004	-20.0	.005	.004

X-TILDE: 1.144 X-TILDE (MONOLINE): 1.068 PI-TILDE: .0066889
 TAU SQUARED: .03000 SIGMA SQUARED: 182943.56666

L - CAPPED DOWN
 U - CAPPED UP
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LOSS COST % CHANGE BY CLASS

SUBLINE: PRODUCTS

CLASS GROUP: 06

NUMBER OF YEARS OF DATA USED: 5

CHANGE FACTOR = INDEX * CG REL * SWRL USED = INDEX * .996 * 1.000

CLASS	AYE 2018 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	6663	40088	.03911	.0324	1.010	.985	.981	.038	.037	-2.6	.038	.037
51001	4483	6936	.00000	.0272	1.014	.989	.985	.460	.450	-2.2	.460	.450
51116	631631	2987528	1.61692	.3449	1.240	1.210	1.205	.570	.690	21.1	.570	.690
51240	60289	252885	1.11128	.0646	1.047	1.021	1.017	.182	.185	1.6	.182	.185
51241	398561	1890233	.49436	.2554	.902	.880	.876	.300	.260	-13.3	.300	.260
51330	159165	745756	5.70138	.1316	1.655	1.615	1.609	.430	.530	23.3	.430	.530
51370	188610	485122	.00000	.0974	.941	.918	.914	5.000	4.570	-8.6	5.000	4.570
51500	322150	1583578	1.42369	.2258	1.128	1.100	1.096	.109	.119	9.2	.109	.119
51550	14084	60235	3.33844	.0356	1.124	1.097	1.093	.360	.390	8.3	.360	.390
51551	2445	47958	.29987	.0336	1.017	.992	.988	.920	.910	-1.1	.920	.910
51552	2585	21460	.53015	.0295	1.027	1.002	.998	.159	.159	0.0	.159	.159
51600	136764	648012	.60877	.1191	.991	.967	.963	.198	.191	-3.5	.198	.191
51734	25104	53542	.94167	.0345	1.039	1.014	1.010	.310	.310	0.0	.310	.310
51741	128078	670814	1.33913	.1220	1.078	1.052	1.048	.250	.260	4.0	.250	.260
51777	130678	641491	1.10594	.1182	1.050	1.024	1.020	.076	.078	2.6	.076	.078
51808	140245	710467	.90283	.1271	1.025	1.000	.996	.730	.730	0.0	.730	.730
51809	52120	115157	.00000	.0440	.996	.972	.968	.158	.153	-3.2	.158	.153
51877	98271	383929	.44984	.0834	.993	.969	.965	.220	.212	-3.6	.220	.212
51896	688935	3441683	.74265	.3760	.930	.907	.903	.020	.018	-10.0	.020	.018
51900	12030	56422	1.19533	.0350	1.048	1.022	1.018	.093	.095	2.2	.093	.095
51909	0	759	.00000	.0262	1.015	.990	.986	.057	.056	-1.8	.057	.056
51926	242825	1237425	.70721	.1895	.979	.955	.951	.040	.038	-5.0	.040	.038
51927	331655	1741014	1.57827	.2413	1.172	1.143	1.138	.115	.131	13.9	.115	.131
51934	169043	764549	.01838	.1340	.905	.883	.879	.142	.125	-12.0	.142	.125
51956	1633547	7764567	.83444	.5700	.924	.901	.897	.246	.221	-10.2	.246	.221
51957	1197338	6083901	1.13548	.5109	1.090	1.063	1.059	.400	.420	5.0	.400	.420
51960	4183	33896	.00000	.0314	1.010	.985	.981	.360	.350	-2.8	.360	.350
51982	8268	56927	.00000	.0350	1.006	.981	.977	.085	.083	-2.4	.085	.083
51986	38465	249898	.20058	.0642	.988	.964	.960	.107	.103	-3.7	.107	.103
51999	135849	722703	.66516	.1287	.994	.970	.966	.460	.440	-4.3	.460	.440
52075	47273	225850	.33691	.0607	.999	.975	.971	.250	.243	-2.8	.250	.243
52134	2335007	11333471	.85571	.6579	.920	.898	.894	.700	.630	-10.0	.700	.630
52315	434286	2071142	1.38224	.2718	1.135	1.107	1.103	.240	.260	8.3	.240	.260
52505	55795	240014	1.88247	.0627	1.095	1.068	1.064	.203	.216	6.4	.203	.216
52547	233537	1205580	.32449	.1860	.909	.887	.883	.088	.078	-11.4	.088	.078
52911	958327	4559605	.68681	.4412	.885	.863	.860	.520	.450	-13.5	.520	.450
52967	29487	130562	.06542	.0464	.997	.973	.969	.064	.062	-3.1	.064	.062

X-TILDE: 1.026 X-TILDE (MONOLINE): 1.025 PI-TILDE: .0016697
 TAU SQUARED: .05482 SIGMA SQUARED: 336466.91420

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

LOSS COST % CHANGE BY CLASS

SUBLINE: PRODUCTS

CLASS GROUP: 06

NUMBER OF YEARS OF DATA USED: 5

CHANGE FACTOR = INDEX * CG REL * SWRL USED = INDEX * .996 * 1.000

CLASS	AYE 2018 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	87258	248469	.11687	.0640	.983	.959	.955	.460	.440	-4.3	.460	.440
53333	57838	299221	2.59564	.0714	1.153	1.125	1.120	.213	.239	12.2	.213	.239
53631	383	1379	.00000	.0263	1.015	.990	.986	.022	.022	0.0	.022	.022
53632	518	6093	.00000	.0271	1.014	.989	.985	.035	.034	-2.9	.035	.034
53732	1319467	6635174	.99183	.5320	1.015	.990	.986	.460	.450	-2.2	.460	.450
53733	4793737	19427350	1.06817	.7662	1.062	1.036	1.032	.260	.270	3.8	.260	.270
54077	687079	3279799	1.23565	.3653	1.113	1.086	1.082	.370	.400	8.1	.370	.400
55010	82064	435324	.68484	.0906	1.010	.985	.981	1.100	1.080	-1.8	1.100	1.080
55011	298257	1514717	2.68411	.2189	1.402	1.368	1.363	1.260	1.570	24.6	1.260	1.570
55012	71692	215705	1.02138	.0592	1.041	1.016	1.012	1.170	1.180	0.9	1.170	1.180
55013	375449	1518864	1.68836	.2193	1.184	1.155	1.150	.990	1.140	15.2	.990	1.140
55214	1009	5164	.00000	.0269	1.014	.989	.985	.089	.088	-1.1	.089	.088
55715	53324	173618	.00000	.0529	.987	.963	.959	.234	.224	-4.3	.234	.224
55716	27033	149769	.79450	.0493	1.030	1.005	1.001	.520	.520	0.0	.520	.520
56202	110865	1238910	.38459	.1897	.918	.896	.892	.100	.089	-11.0	.100	.089
56390	403356	1046610	1.00915	.1680	1.037	1.012	1.008	.630	.640	1.6	.630	.640
56391	683816	3900760	1.01966	.4045	1.033	1.008	1.004	.320	.320	0.0	.320	.320
56427	14982	79686	.65009	.0386	1.027	1.002	.998	.125	.125	0.0	.125	.125
56690	3673	12222	.00000	.0280	1.013	.988	.984	.360	.350	-2.8	.360	.350
56699	231345	837912	1.75053	.1431	1.144	1.116	1.112	.051	.057	11.8	.051	.057
56916	685470	3047907	1.28192	.3492	1.126	1.099	1.095	.187	.205	9.6	.187	.205
57090	101480	541374	1.36971	.1050	1.077	1.051	1.047	.630	.660	4.8	.630	.660
57401	9168	40307	.00000	.0324	1.008	.983	.979	.098	.096	-2.0	.098	.096
57403	585	3306	.00000	.0266	1.015	.990	.986	.036	.035	-2.8	.036	.035
57572	92065	345100	2.91906	.0779	1.188	1.159	1.154	.094	.108	14.9	.094	.108
57600	49324	206783	1.23641	.0578	1.053	1.027	1.023	.033	.034	3.0	.033	.034
57611	74170	241609	.43741	.0630	1.004	.980	.976	.064	.062	-3.1	.064	.062
57690	271160	1194145	.71597	.1847	.982	.958	.954	.510	.490	-3.9	.510	.490
57716	224806	1223662	.68365	.1880	.975	.951	.947	.087	.082	-5.7	.087	.082
57725	935181	3762730	.92298	.3962	.995	.971	.967	.091	.088	-3.3	.091	.088
57726	59619	263802	2.49240	.0662	1.138	1.110	1.106	.019	.021	10.5	.019	.021
57810	5491	22947	.00000	.0297	1.011	.986	.982	.109	.107	-1.8	.109	.107
57871	89627	261746	1.13335	.0659	1.048	1.022	1.018	.116	.118	1.7	.116	.118
57998	26769	128537	.19009	.0461	1.003	.979	.975	.059	.058	-1.7	.059	.058
57999	5172	30645	.85140	.0309	1.036	1.011	1.007	.071	.071	0.0	.071	.071
58095	1525188	7274265	1.18509	.5543	1.121	1.094	1.090	1.830	1.990	8.7	1.830	1.990
58096	1062759	6138089	1.37607	.5131	1.214	1.184	1.179	1.040	1.230	18.3	1.040	1.230

X-TILDE: 1.026 X-TILDE (MONOLINE): 1.025 PI-TILDE: .0016697
 TAU SQUARED: .05482 SIGMA SQUARED: 336466.91420

L - CAPPED DOWN
 U - CAPPED UP
 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 * .996 * 1.000

CLASS	AYE 2018 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	77103	247755	2.09027	.0639	1.109	1.082	1.078	.082	.088	7.3	.082	.088
58302	44551	232484	.76868	.0616	1.025	1.000	.996	.055	.055	0.0	.055	.055
58397	1440834	5633085	.78100	.4922	.914	.892	.888	.830	.740	-10.8	.830	.740
58575	26172	92765	.00000	.0406	1.000	.976	.972	.123	.120	-2.4	.123	.120
58663	1463116	6273340	.55383	.5184	.789	.770	.767	1.590	1.280	-19.5	1.590	1.280
58802	28363	182262	2.20058	.0542	1.105	1.078	1.074	.450	.480	6.7	.450	.480
58837	7600	41749	.00000	.0327	1.008	.983	.979	.165	.162	-1.8	.165	.162
58840	3886	13420	5.80112	.0282	1.176	1.147	1.142	.111	.127	14.4	.111	.127
58873	237631	1009427	.93769	.1636	1.025	1.000	.996	.030	.030	0.0	.030	.030
58904	11786	57446	.00000	.0351	1.006	.981	.977	.131	.128	-2.3	.131	.128
58922	1192474	5490688	.80316	.4860	.926	.903	.899	.187	.168	-10.2	.187	.168
59005	171273	854165	.91947	.1451	1.024	.999	.995	.096	.096	0.0	.096	.096
59188	321	972	.00000	.0262	1.015	.990	.986	.056	.055	-1.8	.056	.055
59189	4360	15413	.00000	.0285	1.013	.988	.984	.300	.300	0.0	.300	.300
59223	120370	601825	2.27852	.1131	1.182	1.153	1.148	.077	.088	14.3	.077	.088
59378	0	52	.00000	.0261	1.015	.990	.986	.152	.150	-1.3	.152	.150
59481	83569	354019	2.54948	.0792	1.162	1.134	1.129	.088	.099	12.5	.088	.099
59701	3659	53399	6.47937	.0345	1.230	1.200	1.195	.244	.290	18.9	.244	.290
59713	326896	1504045	.76038	.2178	.981	.957	.953	.330	.310	-6.1	.330	.310
59722	58084	277751	.46562	.0683	1.003	.979	.975	.032	.031	-3.1	.032	.031
59723	13603	98150	.00000	.0414	.999	.975	.971	.038	.037	-2.6	.038	.037
59726	96958	688208	1.08508	.1243	1.048	1.022	1.018	.024	.024	0.0	.024	.024
59738	9774	58404	.00000	.0353	1.005	.980	.976	.066	.064	-3.0	.066	.064
59773	1	232	.00000	.0261	1.015	.990	.986	.028	.028	0.0	.028	.028
59774	903	1719	.00000	.0264	1.015	.990	.986	.152	.150	-1.3	.152	.150
59775	0	0	.00000	.0000	.000	.000	.000	.189	.188	-0.5	.189	.188
59798	686293	3182185	1.22730	.3586	1.109	1.082	1.078	.460	.500	8.7	.460	.500
59886	19174	116421	.00000	.0442	.996	.972	.968	.112	.108	-3.6	.112	.108
59889	11249	77718	2.83138	.0383	1.111	1.084	1.080	.153	.165	7.8	.153	.165
59914	754179	3575524	1.25843	.3846	1.125	1.098	1.094	.620	.680	9.7	.620	.680
59915	166847	580536	.60667	.1102	.994	.970	.966	.780	.750	-3.8	.780	.750
59917	65053	345965	4.03154	.0781	1.276	1.245	1.240	.165	.205	24.2	.165	.205
59931	157624	727687	.39466	.1293	.959	.936	.932	.590	.550	-6.8	.590	.550
59932	55156	269839	.00000	.0671	.972	.948	.944	.930	.880	-5.4	.930	.880
59947	14211	100306	.00000	.0417	.999	.975	.971	.330	.320	-3.0	.330	.320
59955	16698	92312	.00000	.0405	1.000	.976	.972	.147	.143	-2.7	.147	.143
59970	19173	100498	.87050	.0418	1.035	1.010	1.006	.182	.183	0.5	.182	.183

X-TILDE: 1.026 X-TILDE (MONOLINE): 1.025 PI-TILDE: .0016697
 TAU SQUARED: .05482 SIGMA SQUARED: 336466.91420

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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 * .996 * 1.000

CLASS	AYE 2018 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	688472	3064097	.81139	.3504	.961	.938	.934	.243	.227	-6.6	.243	.227
59984	26363	123926	.00000	.0454	.995	.971	.967	.055	.053	-3.6	.055	.053
59988	606	5353	.00000	.0269	1.014	.989	.985	.060	.059	-1.7	.060	.059
59989	0	7	.00000	.0261	1.015	.990	.986	.045	.044	-2.2	.045	.044

X-TILDE: 1.026 X-TILDE (MONOLINE): 1.025 PI-TILDE: .0016697
 TAU SQUARED: .05482 SIGMA SQUARED: 336466.91420

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 U - CAPPED UP
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LOSS COST % CHANGE BY CLASS

SUBLINE: PRODUCTS

CLASS GROUP: 07

NUMBER OF YEARS OF DATA USED: 5

CHANGE FACTOR = INDEX * CG REL * SWRL USED = INDEX * 1.003 * 1.000

CLASS	AYE 2018 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	68346	412471	.68425	.1332	.901	.916	.919	.650	.600	-7.7	.650	.600
50010	42105	213949	.04838	.1160	.831	.845	.848	.580	.490	-15.5	.580	.490
51205	3266	8167	.00000	.0975	.843	.857	.860	.083	.071	-14.5	.083	.071
51206	4568	29611	.00000	.0995	.841	.855	.858	.450	.390	-13.3	.450	.390
51220	107472	451136	.44385	.1365	.867	.881	.884	2.580	2.280	-11.6	2.580	2.280
51221	616280	2662714	.80705	.2895	.897	.912	.915	1.940	1.780	-8.2	1.940	1.780
51222	106289	971222	2.16583	.1781	1.153	1.172	1.176	3.120	3.670	17.6	3.120	3.670
51224	680612	3312985	1.34645	.3247	1.068	1.085	1.088	1.330	1.450	9.0	1.330	1.450
51230	0	0	.00000	.0000	.000	.000	.000	.790	.790	0.0	.790	.790
51252	1933540	8579189	1.01074	.5180	.974	.990	.993	.101	.100	-1.0	.101	.100
51254	6288	18336	.00000	.0985	.842	.856	.859	.045	.039	-13.3	.045	.039
51333	177428	409127	1.88783	.1329	1.061	1.078	1.081	.310	.340	9.7	.310	.340
51958	282950	1375872	1.38392	.2078	1.027	1.044	1.047	.390	.410	5.1	.390	.410
51970	779460	3633163	.93386	.3407	.934	.949	.952	.250	.238	-4.8	.250	.238
52433	147816	400368	.17212	.1322	.833	.847	.850	1.200	1.020	-15.0	1.200	1.020
52581	34747	1209284	.11380	.1958	.773	.786	.788	3.680	2.950	-19.8	3.680	2.950
52744	10165	11526	.00000	.0978	.843	.857	.860	.094	.081	-13.8	.094	.081
53077	134389	640514	1.55702	.1521	1.029	1.046	1.049	.197	.207	5.1	.197	.207
55597	0	0	.00000	.0000	.000	.000	.000	1.780	1.790	0.6	1.780	1.790
55918	108	7338	.00000	.0974	.843	.857	.860	3.190	2.740	-14.1	3.190	2.740
55919	0	0	.00000	.0000	.000	.000	.000	3.640	3.650	0.3	3.640	3.650
56912	877737	4076544	1.27343	.3618	1.057	1.074	1.077	.084	.090	7.1	.084	.090
57146	392492	1595496	1.44372	.2230	1.048	1.065	1.068	.670	.720	7.5	.670	.720
58737	30405	140966	.00000	.1096	.832	.846	.849	.740	.630	-14.9	.740	.630
59601	177159	490034	1.44222	.1397	1.005	1.021	1.024	2.310	2.370	2.6	2.310	2.370
59660	488381	2466144	1.23156	.2781	1.017	1.034	1.037	1.140	1.180	3.5	1.140	1.180
59724	37681	121778	.00831	.1078	.834	.848	.851	.022	.019	-13.6	.022	.019
59725	426137	2153255	1.56260	.2592	1.097	1.115	1.118	.104	.116	11.5	.104	.116
59750	7845	38547	.68802	.1003	.909	.924	.927	.240	.222	-7.5	.240	.222
59781	491766	2486418	.71799	.2793	.874	.888	.891	.076	.068	-10.5	.076	.068
59782	391006	1658601	.86861	.2273	.919	.934	.937	.490	.460	-6.1	.490	.460

X-TILDE: 1.089 X-TILDE (MONOLINE): .984 PI-TILDE: .0058740
 TAU SQUARED: .03000 SIGMA SQUARED: 294539.44808

L - CAPPED DOWN
 U - CAPPED UP
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SECTION G
SUPPORTING MATERIAL -- LOCAL PRODUCTS/COMPLETED OPERATIONS
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MULTISTATE
LOCAL PRODUCTS/COMPLETED OPERATIONS
CALCULATION OF AGGREGATE LOSS COSTS
AT CURRENT LEVEL

TYPE OF POLICY	ACCIDENT YEAR ENDING	\$100,000 BASIC LIMIT AGGREGATE LOSS COSTS AT CURRENT LEVEL	EXPOSURE DEVELOPMENT FACTOR+	EXPOSURE TREND#	AVERAGE IPMF*	TRENDED \$100,000 BASIC LIMIT AGGREGATE LOSS COSTS AT CURRENT LEVEL
MONOLINE	12/31/2016	\$79,728,640	1.000	1.128		\$89,933,906
	12/31/2017	86,199,771	1.000	1.098		94,647,349
	12/31/2018	91,515,149	1.022	1.062		99,327,248
MULTILINE	12/31/2016	\$175,132,791	1.000	1.130	0.986	\$195,129,453
	12/31/2017	186,638,893	1.000	1.099	0.989	202,859,866
	12/31/2018	191,459,955	1.022	1.062	0.991	205,933,509
TOTAL	12/31/2016					\$285,063,359
	12/31/2017					297,507,215
	12/31/2018					305,260,757

+ 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 7/1/2020 by an exponential projection of the average annual exposure trend factor. The derivation of this exposure trend factor is shown in Section G - Average Annual Exposure Trends.

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

NOTE: The factors shown above are weighted averages over all states.

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

REPORT TYPE	LOSS DESCRIPTION	ACCIDENT YEAR ENDING	\$100,000 BASIC LIMIT LOSSES AND ALAE*	BASIC LIMIT DEVELOPMENT X FACTOR#	UNALLOCATED LOSS ADJ. X FACTOR	SEVERITY X TREND	FREQUENCY X TREND	=	\$100,000 BASIC LIMIT DEVELOPED & TRENDED LOSS AND LAE
BI	B/L INDEMNITY	12/31/2016	\$21,199,760	1.072	1.085	1.217	0.975		\$29,251,589
		12/31/2017	15,975,410	1.455	1.085	1.170	0.980		28,922,462
		12/31/2018	10,385,050	2.714	1.085	1.125	0.985		33,883,437
BI	ALAE	12/31/2016	\$18,549,665		1.085	1.217	0.975		\$23,881,467
		12/31/2017	22,665,168		1.085	1.170	0.980		28,196,852
		12/31/2018	26,257,253		1.085	1.125	0.985		31,569,506
PD	B/L INDEMNITY	12/31/2016	\$63,624,298	1.328	1.085	1.246	0.975		\$111,343,255
		12/31/2017	59,117,671	1.497	1.085	1.193	0.980		112,291,464
		12/31/2018	53,232,022	1.728	1.085	1.141	0.985		112,179,861
PD	ALAE	12/31/2016	\$70,077,018		1.085	1.246	0.975		\$92,369,376
		12/31/2017	69,156,913		1.085	1.193	0.980		87,726,713
		12/31/2018	75,580,762		1.085	1.141	0.985		92,164,332
TOTAL									
	FULL COVERAGE	12/31/2016							\$256,845,686
		12/31/2017							257,137,491
		12/31/2018							269,797,135

* 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 BASIC LIMIT LOSSES AND ALAE*	X	BASIC LIMIT DEVELOPMENT FACTOR#	X	UNALLOCATED LOSS ADJ. FACTOR	X	SEVERITY TREND	X	FREQUENCY TREND	=	\$100,000 BASIC LIMIT DEVELOPED & TRENDED LOSS AND LAE
BI	B/L INDEMNITY	12/31/2016	\$3,683,706		1.282		1.085		1.217		0.975		\$6,077,763
		12/31/2017	2,832,806		1.494		1.085		1.170		0.980		5,264,394
		12/31/2018	1,215,820		2.394		1.085		1.125		0.985		3,498,862
BI	ALAE	12/31/2016	\$4,548,501				1.085		1.217		0.975		\$5,855,894
		12/31/2017	4,757,503				1.085		1.170		0.980		5,918,624
		12/31/2018	3,499,316				1.085		1.125		0.985		4,207,282
PD	B/L INDEMNITY	12/31/2016	\$18,540,702		1.402		1.085		1.246		0.975		\$34,268,408
		12/31/2017	15,115,878		1.523		1.085		1.193		0.980		29,195,459
		12/31/2018	13,579,471		1.808		1.085		1.141		0.985		29,946,729
PD	ALAE	12/31/2016	\$26,360,846				1.085		1.246		0.975		\$34,746,554
		12/31/2017	20,154,871				1.085		1.193		0.980		25,566,794
		12/31/2018	20,271,246				1.085		1.141		0.985		24,719,066
	TOTAL DED COVERAGE	12/31/2016											\$80,948,619
		12/31/2017											65,945,272
		12/31/2018											62,371,939
	TOTAL OCCURRENCE	12/31/2016											\$337,794,306
		12/31/2017											323,082,763
		12/31/2018											332,169,074

* 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	1.022	1.047	0.9267	1.045	5,000,000
27 to 39 Months	1.000	1.000	0.8050	1.000	15,000,000
Accident Year Ending	Exposure Development From				Factor
	<u>27:15</u>	<u>39:27</u>	<u>ULT:39</u>		
12/31/2016			1.000		1.000
12/31/2017		1.000	1.000		1.000
12/31/2018	1.045	1.000	1.000		1.045

(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>
12/31/2011	12,631,636	12,707,604	12,708,259	12,707,010	12,707,010	12,707,010	12,707,010	12,707,010
12/31/2012	13,474,879	13,639,375	13,648,024	13,647,657	13,647,530	13,646,281	13,644,933	
12/31/2013	15,902,840	16,345,489	16,316,255	16,312,196	16,311,535	16,306,723		
12/31/2014	18,278,652	19,157,903	19,162,652	19,170,728	19,170,751			
12/31/2015	19,304,127	20,524,753	20,560,025	20,561,236				
12/31/2016	21,186,451	22,237,915	22,230,857					
12/31/2017	22,733,806	23,681,267						
12/31/2018	24,432,974							

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>
12/31/2011	1.006	1.000	1.000	1.000	1.000	1.000	1.000
12/31/2012	1.012	1.001	1.000	1.000	1.000	1.000	
12/31/2013	1.028	0.998	1.000	1.000	1.000		
12/31/2014	1.048	1.000	1.000	1.000			
12/31/2015	1.063	1.002	1.000				
12/31/2016	1.050	1.000					
12/31/2017	1.042						
12/31/2018							

Average Best 3 of 5

<u>27:15</u>	<u>39:27</u>
1.047	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>
12/31/2011	402,939,396	411,400,813	411,106,492	411,069,882	411,039,584	411,052,309	411,052,224	411,052,914
12/31/2012	440,752,735	450,346,818	450,323,727	450,018,512	450,048,049	450,046,154	450,027,591	
12/31/2013	498,518,668	509,510,229	508,843,480	508,797,707	508,829,793	508,799,691		
12/31/2014	550,938,805	564,476,906	564,049,349	564,153,593	564,138,889			
12/31/2015	584,590,720	597,187,349	596,932,950	596,982,581				
12/31/2016	610,932,211	624,043,373	624,287,580					
12/31/2017	631,529,680	641,677,183						
12/31/2018	649,512,149							

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>
12/31/2011	1.021	0.999	1.000	1.000	1.000	1.000	1.000
12/31/2012	1.022	1.000	0.999	1.000	1.000	1.000	
12/31/2013	1.022	0.999	1.000	1.000	1.000		
12/31/2014	1.025	0.999	1.000	1.000			
12/31/2015	1.022	1.000	1.000				
12/31/2016	1.021	1.000					
12/31/2017	1.016						
12/31/2018							

Average Best 3 of 5

<u>27:15</u>	<u>39:27</u>
1.022	1.000

LOCAL PRODUCTS/COMPLETED OPERATIONS LOSS DEVELOPMENT DATA
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OREGON

Completed Operations
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	1.960	2.385	0.2177	2.053	360,000
27 to 39 Months	1.486	1.020	0.6237	1.195	380,000
39 to 51 Months	1.091	0.948	0.6956	0.992	410,000
51 to 63 Months	1.009	1.031	0.4713	1.019	430,000
63 to 75 Months	1.002	1.034	0.3468	1.013	470,000
75 to 87 Months	0.983	1.020	0.3108	0.995	500,000
87 to 99 Months	0.990	0.975	0.5078	0.982	540,000
99 to 111 Months	0.997	1.004	0.5101	1.001	570,000
111 to 123 Months	0.992	0.991	0.4510	0.992	610,000
123 to 135 Months	1.001	1.003	0.4700	1.002	660,000
135 to 147 Months	1.002	1.000	0.5730	1.001	710,000
147 to 159 Months	1.001	1.000	0.6461	1.000	760,000
159 to 171 Months	1.001	1.000	0.5657	1.000	820,000
171 to 183 Months	1.002	1.000	0.4952	1.001	880,000
183 to 195 Months	1.000	1.000	0.2845	1.000	950,000
195 to 207 Months	1.000	1.000	0.2927	1.000	1,000,000
207 to 219 Months	1.000	1.000	0.2436	1.000	1,100,000
219 to 231 Months	1.000	1.000	0.2051	1.000	1,200,000
231 to 243 Months	1.000	1.000	0.1377	1.000	1,300,000
243 to ULTIMATE	The Multistate ratio has been used.				

Accident Year Ending	27:15	Loss Development From			75:63	87:75	99:87	111:99	123:111	135:123	147:135
		39:27	51:39	63:51							
12/31/2016			0.992	1.019	1.013	0.995	0.982	1.001	0.992	1.002	1.001
12/31/2017		1.195	0.992	1.019	1.013	0.995	0.982	1.001	0.992	1.002	1.001
12/31/2018	2.053	1.195	0.992	1.019	1.013	0.995	0.982	1.001	0.992	1.002	1.001

	159:147	171:159	183:171	195:183	207:195	219:207	231:219	243:231	ULT:243	Factor
12/31/2016	1.000	1.000	1.001	1.000	1.000	1.000	1.000	1.000	1.000	0.997
12/31/2017	1.000	1.000	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.192
12/31/2018	1.000	1.000	1.001	1.000	1.000	1.000	1.000	1.000	1.000	2.447

(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)	(2)
EVALUATION PERIOD	MULTISTATE RATIO (A)
15 to 27 Months	0.0604
27 to 39 Months	0.1264
39 to 51 Months	0.1138
51 to 63 Months	0.0832
63 to 75 Months	0.0471
75 to 87 Months	0.0277
87 to 99 Months	0.0098
99 to 111 Months	0.0117
111 to 123 Months	0.0078
123 to 135 Months	0.0027
135 to 147 Months	0.0054
147 to 159 Months	0.0055
159 to 171 Months	0.0031
171 to Ultimate	A multistate link ratio factor of 1.012 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>
	0.505	0.444	0.318	0.204	0.121	0.074	0.046
<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>
	0.036	0.024	0.017	0.014	0.009	0.003	0.000

A.Y.E	Reported ALAE as of 3/31/19	\$500,000 Ultimate Indemnity	ALAE Factor	Additional ALAE	ALAE at 171 Months	171-Ultimate Factor	Ultimate ALAE
12/31/2016	39,536	281,285	0.318	89,449	128,985	1.012	130,527
12/31/2017	3,889	27,316	0.444	12,128	16,017	1.012	16,208
12/31/2018	0	92,803	0.505	46,866	46,866	1.012	47,426

(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	1.185	1.329	0.6696	1.281	1,100,000
27 to 39 Months	1.095	1.218	0.7211	1.184	1,200,000
39 to 51 Months	1.046	1.206	0.7353	1.164	1,200,000
51 to 63 Months	1.037	1.097	0.7545	1.082	1,300,000
63 to 75 Months	1.032	1.049	0.7392	1.045	1,400,000
75 to 87 Months	1.028	1.054	0.7512	1.048	1,500,000
87 to 99 Months	1.028	1.035	0.7323	1.033	1,600,000
99 to 111 Months	1.042	1.030	0.7603	1.033	1,700,000
111 to 123 Months	1.016	1.052	0.7665	1.044	1,800,000
123 to 135 Months	1.027	1.052	0.8023	1.047	2,000,000
135 to 147 Months	1.012	1.004	0.7990	1.006	2,100,000
147 to 159 Months	1.009	1.013	0.7619	1.012	2,300,000
159 to 171 Months	1.005	1.000	0.6724	1.002	2,400,000
171 to 183 Months	1.004	1.000	0.5943	1.002	2,600,000
183 to 195 Months	1.002	1.001	0.5602	1.001	2,800,000
195 to 207 Months	1.002	0.999	0.5680	1.000	3,000,000
207 to 219 Months	1.002	1.000	0.5683	1.001	3,200,000
219 to 231 Months	1.002	1.000	0.4710	1.001	3,400,000
231 to 243 Months	1.002	1.000	0.2866	1.001	3,700,000
243 to ULTIMATE	The Multistate ratio has been used.				

Accident Year Ending	27:15	Loss Development From				75:63	87:75	99:87	111:99	123:111	135:123	147:135
		39:27	51:39	63:51								
12/31/2016			1.164	1.082	1.045	1.048	1.033	1.033	1.044	1.047	1.006	
12/31/2017		1.184	1.164	1.082	1.045	1.048	1.033	1.033	1.044	1.047	1.006	
12/31/2018	1.281	1.184	1.164	1.082	1.045	1.048	1.033	1.033	1.044	1.047	1.006	
		159:147	171:159	183:171	195:183	207:195	219:207	231:219	243:231	ULT:243		Factor
12/31/2016	1.012	1.002	1.002	1.001	1.000	1.001	1.001	1.001	1.001	1.008		1.664
12/31/2017	1.012	1.002	1.002	1.001	1.000	1.001	1.001	1.001	1.001	1.008		1.970
12/31/2018	1.012	1.002	1.002	1.001	1.000	1.001	1.001	1.001	1.001	1.008		2.524

(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)	(2)
EVALUATION PERIOD	MULTISTATE RATIO (A)
15 to 27 Months	0.0686
27 to 39 Months	0.0750
39 to 51 Months	0.0707
51 to 63 Months	0.0579
63 to 75 Months	0.0463
75 to 87 Months	0.0344
87 to 99 Months	0.0306
99 to 111 Months	0.0332
111 to 123 Months	0.0328
123 to 135 Months	0.0302
135 to 147 Months	0.0192
147 to 159 Months	0.0178
159 to 171 Months	0.0075
171 to Ultimate	A multistate link ratio factor of 1.032 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>
	0.524	0.456	0.381	0.310	0.252	0.206	0.171
<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>
	0.141	0.108	0.075	0.044	0.025	0.007	0.000

A.Y.E	Reported ALAE as of 3/31/19	\$500,000 Ultimate Indemnity	ALAE Factor	Additional ALAE	ALAE at 171 Months	171-Ultimate Factor	Ultimate ALAE
12/31/2016	1,278,791	7,358,544	0.381	2,803,604	4,082,395	1.032	4,213,024
12/31/2017	536,286	3,993,559	0.456	1,821,063	2,357,349	1.032	2,432,770
12/31/2018	72,467	4,691,310	0.524	2,458,247	2,530,714	1.032	2,611,688

(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:											
<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>
12/31/1999	35,509	53,908	99,979	204,836	215,836	205,586	205,586	212,587	211,087	212,586	241,086
12/31/2000	13,500	115,000	122,256	122,006	99,519	133,855	122,019	102,019	127,019	102,019	102,019
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	241,084	489,934	385,421	392,921	407,254	407,254	407,254	407,254	447,254	434,597	433,595
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	81,907	84,408	98,040	114,363	88,970	120,082	98,082	103,082	98,082	98,082
12/31/2009	126,250	302,751	311,951	368,872	349,420	353,370	374,371	364,419	350,520	350,420	
12/31/2010	16,198	4,600	100,101	103,600	129,917	141,619	111,119	131,120	118,869		
12/31/2011	97,847	65,216	95,841	89,341	93,688	71,688	71,688	71,788			
12/31/2012	22,399	30,600	17,296	12,196	12,201	12,199	12,199				
12/31/2013	161,629	148,185	144,943	143,633	143,632	243,632					
12/31/2014	247,696	240,744	198,543	227,523	237,525						
12/31/2015	92,443	218,149	593,636	546,588							
12/31/2016	3,507	171,006	215,206								
12/31/2017	4,252	16,250									
12/31/2018	19,327										

<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>
12/31/1999	237,586	207,587	207,587	207,587	207,587	207,586	207,586	207,586	207,586
12/31/2000	102,019	102,019	102,019	102,019	102,019	102,019	102,019	102,019	
12/31/2001	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			
12/31/2003	66,037	66,037	66,037	66,037	66,037				
12/31/2004	482,166	530,166	530,166	530,166					
12/31/2005	471,743	471,996	471,752						
12/31/2006	433,595	433,595							
12/31/2007	47,527								

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
12/31/1999	1.518	1.855	2.049	1.054	0.953	1.000	1.034	0.993	1.007	1.134	0.985
12/31/2000	8.519	1.063	0.998	0.816	1.345	0.912	0.836	1.245	0.803	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	2.032	0.787	1.019	1.036	1.000	1.000	1.000	1.098	0.972	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	1.932	1.031	1.162	1.166	0.778	1.350	0.817	1.051	0.951	1.000	
12/31/2009	2.398	1.030	1.182	0.947	1.011	1.059	0.973	0.962	1.000		
12/31/2010	0.284	21.761	1.035	1.254	1.090	0.785	1.180	0.907			
12/31/2011	0.667	1.470	0.932	1.049	0.765	1.000	1.001				
12/31/2012	1.366	0.565	0.705	1.000	1.000	1.000					
12/31/2013	0.917	0.978	0.991	1.000	1.696						
12/31/2014	0.972	0.825	1.146	1.044							
12/31/2015	2.360	2.721	0.921								
12/31/2016	48.761	1.258									
12/31/2017	3.822										

3 Yr Mean	18.314	1.601	1.019	1.015	1.154	0.928	1.051	0.973	1.019	0.968	1.000
Best 3/5	2.385	1.020	0.948	1.031	1.034	1.020	0.975	1.004	0.991	1.003	1.000

A.Y.E.	159:147	171:159	183:171	195:183	207:195	219:207	231:219	243:231			
12/31/1999	0.874	1.000	1.000	1.000	1.000	1.000	1.000	1.000			
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								
12/31/2005	1.001	0.999									
12/31/2006	1.000										

3 Yr Mean	1.034	1.000	1.000	1.000	1.000 @	1.000 @	1.000 @	1.000 @			
Best 3/5	1.000	1.000	1.000	1.000	1.000 *	1.000 *	1.000 *	1.000 *			

	Development From										
A.Y.E.	15/ 27	27/ 39	39/ 51	51/ 63	63/ 75	75/ 87	87/ 99	99/111	111/123	123/135	135/147
12/31/2014					1.034	1.020	0.975	1.004	0.991	1.003	1.000
12/31/2015				1.031	1.034	1.020	0.975	1.004	0.991	1.003	1.000
12/31/2016			0.948	1.031	1.034	1.020	0.975	1.004	0.991	1.003	1.000
12/31/2017		1.020	0.948	1.031	1.034	1.020	0.975	1.004	0.991	1.003	1.000
12/31/2018	2.385	1.020	0.948	1.031	1.034	1.020	0.975	1.004	0.991	1.003	1.000

A.Y.E.	147/159	159/171	171/183	183/195	195/207	207/219	219/231	231/243	243/Ult	FACTORS
12/31/2014	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000*	1.026
12/31/2015	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000*	1.058
12/31/2016	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000*	1.003
12/31/2017	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000*	1.023
12/31/2018	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000*	2.440

* 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>
12/31/1999	234	15,685	8,696	34,044	35,529	35,529	35,529	56,029	58,773	59,028	83,553
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	68,775	100,025	135,443	156,037	161,327	162,149	162,149	162,149	252,149	215,968	216,054
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	53	3,627	24,631	75,169	78,083	94,110	95,335	95,335	95,335	95,335
12/31/2009	6,596	47,255	64,117	135,831	150,029	154,117	154,444	158,757	181,154	191,273	
12/31/2010	100	100	6,996	8,571	15,245	18,676	21,944	23,397	32,835		
12/31/2011	8,207	48,215	73,929	88,153	95,767	98,319	98,319	99,394			
12/31/2012	1,000	20,928	7,733	14,961	14,961	14,961	14,961				
12/31/2013	7,476	85,942	104,100	106,032	106,049	133,924					
12/31/2014	11,001	140,547	284,479	308,524	312,343						
12/31/2015	1,315	2,260	148,315	223,711							
12/31/2016	11,904	24,738	39,536								
12/31/2017	501	3,889									
12/31/2018	0										

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>
12/31/1999	90,931	66,047	66,839	66,839	66,839	66,839	66,839	66,839	66,839
12/31/2000	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		
12/31/2002	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				
12/31/2004	126,874	126,874	126,874	126,874					
12/31/2005	451,152	451,152	451,152						
12/31/2006	216,054	216,054							
12/31/2007	94,095								

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>
12/31/1999	354,543	647,450	588,905	618,461	764,346	1,220,404	1,152,094	1,290,187	1,372,083	1,557,366	1,504,617
12/31/2000	445,675	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	
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		
12/31/2011	787,061	750,680	716,274	933,366	973,515	1,027,776	1,108,257	1,127,407			
12/31/2012	1,123,822	1,257,163	1,310,099	1,586,648	1,810,903	1,941,801	1,942,226				
12/31/2013	671,408	1,004,991	1,058,523	1,261,969	1,184,062	1,366,531					
12/31/2014	783,224	855,628	1,058,070	1,147,377	1,365,297						
12/31/2015	875,533	891,900	1,217,076	1,477,056							
12/31/2016	534,364	1,355,579	2,037,699								
12/31/2017	819,087	1,146,182									
12/31/2018	601,471										
<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>		
12/31/1999	1,488,660	1,489,212	1,489,211	1,489,211	1,493,902	1,486,589	1,486,589	1,486,590	1,486,589		
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			
12/31/2001	1,241,480	1,179,132	1,179,132	1,179,132	1,191,132	1,186,290	1,186,190				
12/31/2002	1,212,284	1,212,286	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						
12/31/2004	1,321,430	1,421,422	1,421,424	1,421,422							
12/31/2005	2,356,583	2,330,929	2,350,401								
12/31/2006	3,681,736	3,863,136									
12/31/2007	2,379,176										

COMPLETED OPERATIONS (Subline Code 336)
FULL COVERAGE
OREGON
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
12/31/1999	1.826	0.910	1.050	1.236	1.597	0.944	1.120	1.063	1.135	0.966	0.989
12/31/2000	1.701	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	
12/31/2009	1.594	1.215	1.043	1.120	0.926	1.055	1.020	1.006	1.095		
12/31/2010	1.125	1.140	0.967	1.107	1.019	1.055	1.099	1.010			
12/31/2011	0.954	0.954	1.303	1.043	1.056	1.078	1.017				
12/31/2012	1.119	1.042	1.211	1.141	1.072	1.000					
12/31/2013	1.497	1.053	1.192	0.938	1.154						
12/31/2014	1.092	1.237	1.084	1.190							
12/31/2015	1.019	1.365	1.214								
12/31/2016	2.537	1.503									
12/31/2017	1.399										

3 Yr Mean	1.652	1.368	1.163	1.090	1.094	1.044	1.045	1.036	1.079	1.022	1.012
Best 3/5	1.329	1.218	1.206	1.097	1.049	1.054	1.035	1.030	1.052	1.052	1.004

A.Y.E.	159:147	171:159	183:171	195:183	207:195	219:207	231:219	243:231			
12/31/1999	1.000	1.000	1.000	1.003	0.995	1.000	1.000	1.000			
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	0.999 *	1.000 *	1.000 *			
12/31/2003	0.983	1.000	1.000	1.000	1.001 *	0.999 *	1.000 *	1.000 *			
12/31/2004	1.076	1.000	1.000								
12/31/2005	0.989	1.008									
12/31/2006	1.049										

3 Yr Mean	1.038	1.003	1.000	1.003	0.999 @	1.000 @	1.000 @	1.000 @			
Best 3/5	1.013	1.000	1.000	1.001	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
12/31/2014					1.049	1.054	1.035	1.030	1.052	1.052	1.004
12/31/2015				1.097	1.049	1.054	1.035	1.030	1.052	1.052	1.004
12/31/2016			1.206	1.097	1.049	1.054	1.035	1.030	1.052	1.052	1.004
12/31/2017		1.218	1.206	1.097	1.049	1.054	1.035	1.030	1.052	1.052	1.004
12/31/2018	1.329	1.218	1.206	1.097	1.049	1.054	1.035	1.030	1.052	1.052	1.004

A.Y.E.	147/159	159/171	171/183	183/195	195/207	207/219	219/231	231/243	243/U1t	FACTORS
12/31/2014	1.013	1.000	1.000	1.001	0.999	1.000	1.000	1.000	1.000*	1.327
12/31/2015	1.013	1.000	1.000	1.001	0.999	1.000	1.000	1.000	1.000*	1.455
12/31/2016	1.013	1.000	1.000	1.001	0.999	1.000	1.000	1.000	1.000*	1.755
12/31/2017	1.013	1.000	1.000	1.001	0.999	1.000	1.000	1.000	1.000*	2.138
12/31/2018	1.013	1.000	1.000	1.001	0.999	1.000	1.000	1.000	1.000*	2.841

* 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>
12/31/1999	95,507	211,688	172,093	227,851	278,479	407,703	429,269	573,463	723,045	1,105,237	1,138,982
12/31/2000	69,550	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	
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		
12/31/2011	189,906	670,291	861,185	1,195,482	1,346,422	1,512,246	1,526,339	1,520,978			
12/31/2012	330,786	672,634	745,018	1,302,281	1,727,491	1,879,789	1,887,711				
12/31/2013	131,761	391,248	487,285	829,268	1,024,293	1,232,248					
12/31/2014	65,378	234,713	507,873	749,409	959,185						
12/31/2015	33,131	189,892	562,631	752,700							
12/31/2016	81,655	533,711	1,220,911								
12/31/2017	203,428	614,204									
12/31/2018	78,541										

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>
12/31/1999	1,202,643	1,199,701	1,199,701	1,204,236	1,208,736	1,210,538	1,210,538	1,213,324	1,213,324
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	
12/31/2001	1,152,740	1,097,033	1,098,292	1,099,018	1,104,515	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			
12/31/2003	1,215,969	1,209,838	1,209,838	1,209,838	1,209,838				
12/31/2004	1,267,553	1,263,496	1,266,389	1,267,164					
12/31/2005	2,318,224	2,305,953	2,332,267						
12/31/2006	3,577,204	3,684,408							
12/31/2007	2,225,985								

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
12/31/1999	4,956,833	6,997,254	9,702,054	11,503,345	11,550,057	11,806,217	11,486,813	11,275,709	11,277,262	11,301,812	11,324,606
12/31/2000	3,161,020	7,032,572	9,020,885	10,626,496	10,512,292	10,857,836	10,356,898	10,420,083	10,270,732	10,309,376	10,306,797
12/31/2001	3,122,564	6,716,472	8,908,525	9,878,483	10,467,130	10,520,411	10,353,113	10,107,990	10,003,388	9,901,935	9,923,305
12/31/2002	2,897,561	6,865,145	9,002,579	9,805,765	10,739,856	10,865,771	11,151,148	11,357,869	11,502,501	11,555,831	11,589,549
12/31/2003	3,612,890	6,617,194	9,969,513	10,646,523	10,531,387	10,340,245	10,114,947	10,077,141	10,060,673	10,097,074	10,148,084
12/31/2004	4,686,540	7,094,003	9,584,995	10,682,560	10,795,982	10,316,931	10,629,712	10,584,946	10,568,534	10,603,697	10,708,555
12/31/2005	4,166,570	7,107,994	9,954,107	11,194,209	10,993,689	11,195,470	11,511,084	11,421,373	11,338,779	11,435,715	11,391,261
12/31/2006	4,486,358	8,514,115	12,455,387	13,076,313	12,929,083	13,111,153	12,966,886	13,179,515	13,090,804	13,005,483	12,932,373
12/31/2007	4,289,508	8,282,118	11,145,959	12,269,098	12,290,037	12,327,570	12,034,326	12,184,965	12,381,873	12,167,398	12,147,985
12/31/2008	4,236,718	7,704,790	10,965,360	11,869,482	11,630,179	11,626,770	12,289,095	12,070,191	12,126,593	12,082,352	12,246,758
12/31/2009	4,868,191	7,733,590	10,813,605	11,349,866	11,444,053	11,835,965	11,440,685	11,428,102	11,314,699	11,155,367	
12/31/2010	4,787,074	9,758,644	12,146,043	13,409,582	14,363,567	14,411,482	13,965,812	13,822,151	13,714,384		
12/31/2011	4,592,218	7,281,911	10,926,404	12,942,917	12,904,776	11,881,715	11,971,646	11,755,069			
12/31/2012	3,366,624	7,210,935	13,070,709	12,851,616	13,154,080	13,084,601	12,729,945				
12/31/2013	4,432,335	9,778,399	11,756,233	13,418,362	13,483,211	13,579,893					
12/31/2014	5,447,688	8,149,646	12,314,193	13,091,886	12,678,787						
12/31/2015	4,437,364	8,197,069	12,273,824	13,104,598							
12/31/2016	3,002,552	8,418,869	12,205,818								
12/31/2017	5,253,013	9,593,527									
12/31/2018	6,008,084										

A.Y.E.	147 Months	159 Months	171 Months	183 Months	195 Months	207 Months	219 Months	231 Months	243 Months
12/31/1999	11,281,838	11,243,570	11,229,697	11,229,396	11,229,397	11,229,396	11,229,396	11,229,395	11,229,395
12/31/2000	10,343,090	10,395,934	10,338,583	10,391,837	10,386,833	10,401,832	10,401,832	10,400,282	
12/31/2001	9,974,307	9,977,990	10,015,032	10,058,239	10,034,875	10,004,674	10,099,719		
12/31/2002	11,522,754	11,553,287	11,697,521	11,698,231	11,687,193	11,731,321			
12/31/2003	10,183,588	10,196,646	10,235,388	10,215,387	10,215,887				
12/31/2004	10,772,825	10,969,285	10,905,069	10,912,070					
12/31/2005	11,284,522	11,236,614	11,175,273						
12/31/2006	12,934,372	12,926,819							
12/31/2007	12,172,480								

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

A.Y.E.	27: 15	39: 27	51: 39	63: 51	75: 63	87: 75	99: 87	111: 99	123:111	135:123	147:135
12/31/1999	1.412	1.387	1.186	1.004	1.022	0.973	0.982	1.000	1.002	1.002	0.996
12/31/2000	2.225	1.283	1.178	0.989	1.033	0.954	1.006	0.986	1.004	1.000	1.004
12/31/2001	2.151	1.326	1.109	1.060	1.005	0.984	0.976	0.990	0.990	1.002	1.005
12/31/2002	2.369	1.311	1.089	1.095	1.012	1.026	1.019	1.013	1.005	1.003	0.994
12/31/2003	1.832	1.507	1.068	0.989	0.982	0.978	0.996	0.998	1.004	1.005	1.003
12/31/2004	1.514	1.351	1.115	1.011	0.956	1.030	0.996	0.998	1.003	1.010	1.006
12/31/2005	1.706	1.400	1.125	0.982	1.018	1.028	0.992	0.993	1.009	0.996	0.991
12/31/2006	1.898	1.463	1.050	0.989	1.014	0.989	1.016	0.993	0.993	1.016	1.000
12/31/2007	1.931	1.346	1.101	1.002	1.003	0.976	1.013	1.016	0.983	0.998	1.002
12/31/2008	1.819	1.423	1.082	0.980	1.000	1.057	0.982	1.005	0.996	1.014	
12/31/2009	1.589	1.398	1.050	1.008	1.034	0.967	0.999	0.990	0.986		
12/31/2010	2.039	1.245	1.104	1.071	1.003	0.969	0.990	0.992			
12/31/2011	1.586	1.500	1.185	0.997	0.921	1.008	0.982				
12/31/2012	2.142	1.813	0.983	1.024	0.995	0.973					
12/31/2013	2.206	1.202	1.141	1.005	1.007						
12/31/2014	1.496	1.511	1.063	0.968							
12/31/2015	1.847	1.497	1.068								
12/31/2016	2.804	1.450									
12/31/2017	1.826										

3 Yr Mean 2.159 1.486 1.091 0.999 0.974 0.983 0.990 0.996 0.988 1.002 0.998

Best 3/5 1.960 1.486 1.091 1.009 1.002 0.983 0.990 0.997 0.992 1.001 1.002

A.Y.E.	159:147	171:159	183:171	195:183	207:195	219:207	231:219	243:231			
12/31/1999	0.997	0.999	1.000	1.000	1.000	1.000	1.000	1.000			
12/31/2000	1.005	0.994	1.005	1.000	1.001	1.000	1.000	1.000 *			
12/31/2001	1.000	1.004	1.004	0.998	0.997	1.010	1.000 *	1.000 *			
12/31/2002	1.003	1.012	1.000	0.999	1.004	1.000 *	1.000 *	1.000 *			
12/31/2003	1.001	1.004	0.998	1.000	1.000 *	1.000 *	1.000 *	1.000 *			
12/31/2004	1.018	0.994	1.001								
12/31/2005	0.996	0.995									
12/31/2006	0.999										

3 Yr Mean 1.004 0.998 1.000 0.999 1.001 @ 1.003 @ 1.000 @ 1.000 @

Best 3/5 1.001 1.001 1.002 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
12/31/2014					1.002	0.983	0.990	0.997	0.992	1.001	1.002
12/31/2015				1.009	1.002	0.983	0.990	0.997	0.992	1.001	1.002
12/31/2016			1.091	1.009	1.002	0.983	0.990	0.997	0.992	1.001	1.002
12/31/2017		1.486	1.091	1.009	1.002	0.983	0.990	0.997	0.992	1.001	1.002
12/31/2018	1.960	1.486	1.091	1.009	1.002	0.983	0.990	0.997	0.992	1.001	1.002

A.Y.E.	147/159	159/171	171/183	183/195	195/207	207/219	219/231	231/243	243/U1t	FACTORS
12/31/2014	1.001	1.001	1.002	1.000	1.000	1.000	1.000	1.000	1.000*	0.971
12/31/2015	1.001	1.001	1.002	1.000	1.000	1.000	1.000	1.000	1.000*	0.980
12/31/2016	1.001	1.001	1.002	1.000	1.000	1.000	1.000	1.000	1.000*	1.069
12/31/2017	1.001	1.001	1.002	1.000	1.000	1.000	1.000	1.000	1.000*	1.589
12/31/2018	1.001	1.001	1.002	1.000	1.000	1.000	1.000	1.000	1.000*	3.114

* 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
12/31/1999	404,714	874,417	1,874,163	2,237,696	2,297,649	1,809,642	1,786,359	1,845,557	1,883,682	1,920,172	1,991,256
12/31/2000	350,798	514,262	1,161,368	1,461,454	1,251,531	1,824,321	1,645,592	1,526,792	1,602,111	1,592,811	1,521,613
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	1,308,023
12/31/2002	229,242	650,739	1,124,018	1,164,317	1,373,666	1,361,220	1,672,423	1,722,423	1,546,341	1,493,066	1,515,902
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	1,420,195	1,420,197	1,443,795
12/31/2004	267,810	621,021	1,029,012	1,052,518	1,091,198	1,010,394	847,293	874,261	891,150	878,580	829,980
12/31/2005	666,837	1,045,465	1,124,246	1,101,235	1,202,588	1,059,558	1,149,104	1,150,432	1,118,532	1,252,441	1,197,866
12/31/2006	818,931	1,320,993	1,476,958	1,588,453	1,683,437	1,415,017	1,390,016	1,610,616	1,750,067	1,700,298	1,596,566
12/31/2007	270,668	948,364	953,464	1,093,194	1,160,444	1,273,644	1,213,956	1,206,781	1,181,807	1,181,308	1,229,358
12/31/2008	288,189	736,486	765,196	902,388	835,573	1,014,521	1,107,977	1,245,724	1,258,771	1,196,313	1,195,313
12/31/2009	566,791	1,045,400	1,069,085	1,263,752	1,084,741	1,154,076	1,098,109	1,097,244	1,038,243	1,153,243	
12/31/2010	641,422	781,803	1,438,274	1,851,833	1,583,598	1,516,454	1,441,164	1,487,665	1,582,736		
12/31/2011	270,205	819,627	1,230,077	1,689,436	1,722,481	1,706,863	1,706,863	1,706,863			
12/31/2012	383,511	1,139,597	1,405,578	1,652,860	1,649,357	1,695,210	1,692,710				
12/31/2013	1,675,399	2,417,513	2,662,315	2,672,081	2,667,808	2,768,307					
12/31/2014	1,950,981	2,466,662	2,836,296	3,126,175	3,209,813						
12/31/2015	980,710	1,453,033	1,925,708	2,328,985							
12/31/2016	1,110,372	2,429,268	2,968,685								
12/31/2017	554,719	1,996,465									
12/31/2018	870,529										

A.Y.E.	147 Months	159 Months	171 Months	183 Months	195 Months	207 Months	219 Months	231 Months	243 Months
12/31/1999	1,986,257	1,921,257	1,867,257	1,867,257	1,867,260	1,867,257	1,867,257	1,867,257	1,867,257
12/31/2000	1,538,613	1,533,111	1,503,111	1,570,611	1,565,611	1,565,611	1,566,111	1,567,161	
12/31/2001	1,261,828	1,261,831	1,309,828	1,274,827	1,274,828	1,299,828	1,332,327		
12/31/2002	1,467,700	1,579,904	1,581,334	1,581,333	1,581,333	1,681,332			
12/31/2003	1,446,695	1,424,195	1,423,696	1,423,696	1,523,695				
12/31/2004	828,318	828,219	833,218	933,217					
12/31/2005	1,237,867	1,311,837	1,312,086						
12/31/2006	1,555,316	1,655,313							
12/31/2007	1,438,357								

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

A.Y.E.	27: 15	39: 27	51: 39	63: 51	75: 63	87: 75	99: 87	111: 99	123:111	135:123	147:135
12/31/1999	2.161	2.143	1.194	1.027	0.788	0.987	1.033	1.021	1.019	1.037	0.997
12/31/2000	1.466	2.258	1.258	0.856	1.458	0.902	0.928	1.049	0.994	0.955	1.011
12/31/2001	2.100	1.297	1.056	0.941	1.087	1.256	1.078	0.965	0.990	1.005	0.965
12/31/2002	2.839	1.727	1.036	1.180	0.991	1.229	1.030	0.898	0.966	1.015	0.968
12/31/2003	2.714	1.574	0.919	0.965	1.085	1.002	1.019	1.059	1.000	1.017	1.002
12/31/2004	2.319	1.657	1.023	1.037	0.926	0.839	1.032	1.019	0.986	0.945	0.998
12/31/2005	1.568	1.075	0.980	1.092	0.881	1.085	1.001	0.972	1.120	0.956	1.033
12/31/2006	1.613	1.118	1.075	1.060	0.841	0.982	1.159	1.087	0.972	0.939	0.974
12/31/2007	3.504	1.005	1.147	1.062	1.098	0.953	0.994	0.979	1.000	1.041	1.170
12/31/2008	2.556	1.039	1.179	0.926	1.214	1.092	1.124	1.010	0.950	0.999	
12/31/2009	1.844	1.023	1.182	0.858	1.064	0.952	0.999	0.946	1.111		
12/31/2010	1.219	1.840	1.288	0.855	0.958	0.950	1.032	1.064			
12/31/2011	3.033	1.501	1.373	1.020	0.991	1.000	1.000				
12/31/2012	2.971	1.233	1.176	0.998	1.028	0.999					
12/31/2013	1.443	1.101	1.004	0.998	1.038						
12/31/2014	1.264	1.150	1.102	1.027							
12/31/2015	1.482	1.325	1.209								
12/31/2016	2.188	1.222									
12/31/2017	3.599										

3 Yr Mean 2.423 1.232 1.105 1.008 1.019 0.983 1.010 1.007 1.020 0.993 1.059

Best 3/5 1.704 1.202 1.162 1.005 1.019 0.984 1.010 1.018 1.028 0.967 1.011

A.Y.E.	159:147	171:159	183:171	195:183	207:195	219:207	231:219	243:231			
12/31/1999	0.967	0.972	1.000	1.000	1.000	1.000	1.000	1.000			
12/31/2000	0.996	0.980	1.045	0.997	1.000	1.000	1.001	1.002 *			
12/31/2001	1.000	1.038	0.973	1.000	1.020	1.025	1.004 *	1.002 *			
12/31/2002	1.076	1.001	1.000	1.000	1.063	1.007 *	1.004 *	1.002 *			
12/31/2003	0.984	1.000	1.000	1.070	1.000 *	1.007 *	1.004 *	1.002 *			
12/31/2004	1.000	1.006	1.120								
12/31/2005	1.060	1.000									
12/31/2006	1.064										

3 Yr Mean 1.041 1.002 1.040 1.023 1.028 @ 1.008 @ 1.001 @ 1.000 @

Best 3/5 1.041 1.002 1.015 1.000 1.007 * 1.005 * 1.003 * 1.002 *

A.Y.E.	15/ 27	27/ 39	39/ 51	51/ 63	63/ 75	75/ 87	87/ 99	99/111	111/123	123/135	135/147
12/31/2014					1.019	0.984	1.010	1.018	1.028	0.967	1.011
12/31/2015				1.005	1.019	0.984	1.010	1.018	1.028	0.967	1.011
12/31/2016			1.162	1.005	1.019	0.984	1.010	1.018	1.028	0.967	1.011
12/31/2017		1.202	1.162	1.005	1.019	0.984	1.010	1.018	1.028	0.967	1.011
12/31/2018	1.704	1.202	1.162	1.005	1.019	0.984	1.010	1.018	1.028	0.967	1.011

A.Y.E.	147/159	159/171	171/183	183/195	195/207	207/219	219/231	231/243	243/U1t	FACTORS
12/31/2014	1.041	1.002	1.015	1.000	1.007	1.005	1.003	1.002	1.004*	1.120
12/31/2015	1.041	1.002	1.015	1.000	1.007	1.005	1.003	1.002	1.004*	1.126
12/31/2016	1.041	1.002	1.015	1.000	1.007	1.005	1.003	1.002	1.004*	1.308
12/31/2017	1.041	1.002	1.015	1.000	1.007	1.005	1.003	1.002	1.004*	1.572
12/31/2018	1.041	1.002	1.015	1.000	1.007	1.005	1.003	1.002	1.004*	2.679

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

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

Allocated Expenses as of:											
A.Y.E	15 Months	27 Months	39 Months	51 Months	63 Months	75 Months	87 Months	99 Months	111 Months	123 Months	135 Months
12/31/1999	890,508	1,598,954	3,254,883	5,425,757	6,421,483	7,327,626	7,305,050	7,918,594	8,530,517	8,648,466	8,917,435
12/31/2000	643,848	2,331,874	3,566,128	5,837,479	6,471,043	7,149,476	7,182,915	7,183,356	7,234,045	7,482,173	7,492,689
12/31/2001	564,536	1,841,013	3,740,473	5,597,252	7,365,879	8,104,983	8,750,061	8,750,391	8,813,420	8,823,647	8,795,893
12/31/2002	654,307	2,802,220	4,513,704	7,859,619	8,633,167	10,041,112	10,369,555	10,736,012	10,986,348	11,002,397	11,074,764
12/31/2003	1,047,161	2,229,991	4,639,200	7,434,876	8,340,416	9,003,483	9,652,654	9,648,716	9,520,081	9,559,102	9,611,250
12/31/2004	541,289	1,809,061	4,208,694	6,668,763	8,457,521	9,621,299	10,825,994	10,459,506	10,530,647	10,559,053	10,882,331
12/31/2005	737,161	1,341,851	3,695,927	6,083,030	7,439,433	8,214,925	8,761,458	8,973,491	9,291,777	9,584,330	9,754,869
12/31/2006	889,126	3,634,712	6,271,204	7,909,774	9,265,894	10,466,936	11,033,230	11,367,400	11,641,649	11,656,624	11,635,939
12/31/2007	817,267	2,516,874	5,470,176	9,150,556	10,174,735	10,788,755	11,080,063	11,364,093	11,545,473	11,658,184	11,686,938
12/31/2008	825,433	1,909,021	4,206,120	6,424,317	8,462,232	9,680,025	10,405,279	10,968,718	11,666,928	14,924,775	14,717,385
12/31/2009	544,523	1,995,974	4,184,545	6,498,331	8,786,455	9,366,439	9,651,394	9,873,136	9,885,249	10,002,293	
12/31/2010	797,308	2,771,965	5,305,585	7,969,842	10,483,462	11,590,011	12,445,934	12,482,184	12,868,867		
12/31/2011	779,416	1,912,711	4,295,522	7,598,311	9,969,328	10,824,179	11,313,052	11,440,687			
12/31/2012	284,923	1,563,412	5,459,116	8,055,321	9,703,087	11,271,406	11,948,835				
12/31/2013	518,869	2,133,963	4,889,049	8,365,829	10,301,339	11,660,764					
12/31/2014	543,643	2,213,840	5,318,837	7,434,580	8,571,200						
12/31/2015	462,007	1,841,087	4,870,573	7,051,384							
12/31/2016	405,440	1,822,495	3,879,852								
12/31/2017	634,607	2,440,841									
12/31/2018	431,665										

A.Y.E	147 Months	159 Months	171 Months	183 Months	195 Months	207 Months	219 Months	231 Months	243 Months
12/31/1999	9,111,478	9,008,442	8,999,982	9,001,121	9,001,346	9,001,814	8,999,916	9,002,839	9,011,923
12/31/2000	7,605,229	7,601,711	7,591,025	7,596,838	7,600,594	7,612,821	7,620,353	7,631,608	
12/31/2001	8,828,357	8,817,081	8,829,441	8,899,194	8,903,841	8,914,042	8,917,930		
12/31/2002	11,145,226	11,313,906	11,401,767	11,504,625	11,516,458	11,775,404			
12/31/2003	9,722,536	9,760,173	9,837,471	9,854,237	9,869,654				
12/31/2004	11,065,743	11,191,855	11,242,185	11,287,030					
12/31/2005	9,895,179	10,121,308	10,181,566						
12/31/2006	11,732,750	11,730,831							
12/31/2007	11,684,458								

Link Ratios: 171 to Ultimate									
A.Y.E	183:171	195:183	207:195	219:207	231:219	243:231	Ult:243		
12/31/1999	1.000	1.000	1.000	1.000	1.000	1.001	1.002	*	
12/31/2000	1.001	1.000	1.002	1.001	1.001	1.001	1.002	*	
12/31/2001	1.008	1.001	1.001	1.000	1.001	*	1.001	*	
12/31/2002	1.009	1.001	1.022	1.001	*	1.001	*	1.002	*
12/31/2003	1.002	1.002	1.000	*	1.001	*	1.001	*	1.002
12/31/2004	1.004								

Best 3/5 1.005 1.001 1.001 * 1.001 * 1.001 * 1.001 * 1.002 *

171 to Ultimate Factor: 1.012

* Calculated Using Modified Bondy Method

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

	Increments												
A.Y.E	<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>
12/31/1999	708,446	1,655,929	2,170,874	995,726	906,143	-22,576	613,544	611,923	117,949	268,969	194,043	-103,036	-8,460
12/31/2000	1,688,026	1,234,254	2,271,351	633,564	678,433	33,439	441	50,689	248,128	10,516	112,540	-3,518	-10,686
12/31/2001	1,276,477	1,899,460	1,856,779	1,768,627	739,104	645,078	330	63,029	10,227	-27,754	32,464	-11,276	12,360
12/31/2002	2,147,913	1,711,484	3,345,915	773,548	1,407,945	328,443	366,457	250,336	16,049	72,367	70,462	168,680	87,861
12/31/2003	1,182,830	2,409,209	2,795,676	905,540	663,067	649,171	-3,938	-128,635	39,021	52,148	111,286	37,637	77,298
12/31/2004	1,267,772	2,399,633	2,460,069	1,788,758	1,163,778	1,204,695	-366,488	71,141	28,406	323,278	183,412	126,112	50,330
12/31/2005	604,690	2,354,076	2,387,103	1,356,403	775,492	546,533	212,033	318,286	292,553	170,539	140,310	226,129	60,258
12/31/2006	2,745,586	2,636,492	1,638,570	1,356,120	1,201,042	566,294	334,170	274,249	14,975	-20,685	96,811	-1,919	
12/31/2007	1,699,607	2,953,302	3,680,380	1,024,179	614,020	291,308	284,030	181,380	112,711	28,754	-2,480		
12/31/2008	1,083,588	2,297,099	2,218,197	2,037,915	1,217,793	725,254	563,439	698,210	3,257,847	-207,390			
12/31/2009	1,451,451	2,188,571	2,313,786	2,288,124	579,984	284,955	221,742	12,113	117,044				
12/31/2010	1,974,657	2,533,620	2,664,257	2,513,620	1,106,549	855,923	36,250	386,683					
12/31/2011	1,133,295	2,382,811	3,302,789	2,371,017	854,851	488,873	127,635						
12/31/2012	1,278,489	3,895,704	2,596,205	1,647,766	1,568,319	677,429							
12/31/2013	1,615,094	2,755,086	3,476,780	1,935,510	1,359,425								
12/31/2014	1,670,197	3,104,997	2,115,743	1,136,620									
12/31/2015	1,379,080	3,029,486	2,180,811										
12/31/2016	1,417,055	2,057,357											
12/31/2017	1,806,234												

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>
12/31/1999	0.0349	0.0816	0.1070	0.0491	0.0446	-0.0011	0.0302	0.0301	0.0058	0.0133	0.0096	-0.0051	-0.0004
12/31/2000	0.0869	0.0635	0.1169	0.0326	0.0349	0.0017	0.0000	0.0026	0.0128	0.0005	0.0058	-0.0002	-0.0005
12/31/2001	0.0731	0.1088	0.1063	0.1013	0.0423	0.0369	0.0000	0.0036	0.0006	-0.0016	0.0019	-0.0006	0.0007
12/31/2002	0.0960	0.0765	0.1495	0.0346	0.0629	0.0147	0.0164	0.0112	0.0007	0.0032	0.0031	0.0075	0.0039
12/31/2003	0.0677	0.1380	0.1601	0.0519	0.0380	0.0372	-0.0002	-0.0074	0.0022	0.0030	0.0064	0.0022	0.0044
12/31/2004	0.0678	0.1283	0.1315	0.0956	0.0622	0.0644	-0.0196	0.0038	0.0015	0.0173	0.0098	0.0067	0.0027
12/31/2005	0.0265	0.1032	0.1046	0.0594	0.0340	0.0240	0.0093	0.0139	0.0128	0.0075	0.0061	0.0099	0.0026
12/31/2006	0.1072	0.1030	0.0640	0.0530	0.0469	0.0221	0.0130	0.0107	0.0006	-0.0008	0.0038	-0.0001	
12/31/2007	0.0798	0.1386	0.1728	0.0481	0.0288	0.0137	0.0133	0.0085	0.0053	0.0013	-0.0001		
12/31/2008	0.0486	0.1030	0.0994	0.0914	0.0546	0.0325	0.0253	0.0313	0.1460	-0.0093			
12/31/2009	0.0660	0.0995	0.1052	0.1041	0.0264	0.0130	0.0101	0.0006	0.0053				
12/31/2010	0.0818	0.1050	0.1104	0.1042	0.0458	0.0355	0.0015	0.0160					
12/31/2011	0.0535	0.1125	0.1560	0.1120	0.0404	0.0231	0.0060						
12/31/2012	0.0520	0.1583	0.1055	0.0670	0.0637	0.0275							
12/31/2013	0.0654	0.1116	0.1409	0.0784	0.0551								
12/31/2014	0.0729	0.1355	0.0923	0.0496									
12/31/2015	0.0601	0.1321	0.0951										
12/31/2016	0.0545	0.0791											
12/31/2017	0.0555												

Best 3/5	0.0604	0.1264	0.1138	0.0832	0.0471	0.0277	0.0098	0.0117	0.0078	0.0027	0.0054	0.0055	0.0031
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COMPLETED OPERATIONS (Subline Code 336)
FULL COVERAGE
MULTISTATE
PROPERTY DAMAGE - OCCURRENCE
INCURRED ACCIDENT YEAR BASIC LIMITS LOSS DEVELOPMENT EXCLUDING ALAE

\$100,000 Basic Limit Losses as of:											
A.Y.E.	15 Months	27 Months	39 Months	51 Months	63 Months	75 Months	87 Months	99 Months	111 Months	123 Months	135 Months
12/31/1999	17,599,989	22,454,473	26,046,127	29,562,061	32,370,320	35,877,922	37,653,769	38,643,310	39,594,313	40,570,468	40,738,228
12/31/2000	20,148,215	28,117,537	33,733,241	38,083,537	40,534,637	43,442,144	47,070,033	48,693,596	49,659,853	50,864,816	51,204,766
12/31/2001	22,510,580	30,442,420	36,303,332	39,979,579	43,246,242	44,802,398	45,830,354	48,128,085	49,452,012	49,989,510	49,995,824
12/31/2002	23,942,676	32,500,184	36,636,196	41,459,403	42,462,013	43,302,516	45,305,257	47,063,599	47,981,622	47,466,223	47,890,555
12/31/2003	27,265,666	32,650,070	36,957,858	37,463,953	39,827,295	40,944,922	41,480,008	42,523,955	43,740,689	43,931,137	44,470,197
12/31/2004	27,439,588	33,954,287	37,809,524	41,667,059	44,039,186	45,918,270	47,701,876	48,688,019	50,558,507	51,255,498	52,665,600
12/31/2005	24,441,902	30,021,631	34,159,132	38,667,459	41,089,600	43,660,220	46,355,866	47,633,893	49,215,729	49,424,547	50,472,459
12/31/2006	33,251,639	40,963,717	47,016,396	52,296,103	58,005,321	59,899,447	61,613,000	61,134,942	62,533,335	63,360,384	65,294,375
12/31/2007	37,478,911	45,385,473	54,043,566	56,932,040	59,518,933	61,515,339	62,521,476	64,578,463	66,303,739	68,449,195	70,993,010
12/31/2008	46,746,190	55,030,465	60,846,012	63,453,576	64,664,973	65,907,275	68,135,592	69,345,267	77,558,317	85,573,198	80,392,789
12/31/2009	50,614,467	59,080,856	65,592,058	66,906,596	68,558,709	69,306,834	70,387,519	73,634,396	78,978,315	79,312,015	
12/31/2010	50,249,441	59,040,061	62,599,203	64,398,679	66,662,622	68,124,844	69,513,387	71,647,625	73,500,618		
12/31/2011	50,195,255	56,010,649	58,198,283	58,649,085	59,965,899	62,392,350	64,582,427	65,916,858			
12/31/2012	42,530,139	48,022,963	49,922,237	52,558,947	55,321,739	57,911,305	59,680,496				
12/31/2013	37,680,360	42,122,567	46,464,088	48,430,126	51,135,291	52,876,083					
12/31/2014	38,513,971	44,501,138	47,606,411	49,609,846	50,564,942						
12/31/2015	35,973,160	42,715,059	47,871,650	51,342,816							
12/31/2016	35,239,568	45,331,006	50,354,922								
12/31/2017	38,074,708	46,164,945									
12/31/2018	41,103,743										

A.Y.E.	147 Months	159 Months	171 Months	183 Months	195 Months	207 Months	219 Months	231 Months	243 Months
12/31/1999	40,957,384	41,152,372	41,043,145	41,246,586	41,187,833	41,307,131	41,306,349	41,381,160	41,374,042
12/31/2000	51,776,232	51,670,398	51,668,291	51,689,055	51,572,415	51,442,716	51,489,129	51,490,970	
12/31/2001	50,324,295	50,035,846	50,162,941	50,378,683	50,345,144	50,483,753	50,770,646		
12/31/2002	48,212,469	48,315,325	48,445,558	48,467,239	48,973,417	49,091,954			
12/31/2003	44,530,235	44,960,842	45,372,085	45,920,923	46,247,275				
12/31/2004	53,486,742	53,985,474	54,030,819	54,502,221					
12/31/2005	50,794,958	51,242,946	51,786,291						
12/31/2006	66,435,190	67,420,635							
12/31/2007	71,946,233								

COMPLETED OPERATIONS (Subline Code 336)

FULL COVERAGE

MULTISTATE

PROPERTY DAMAGE - OCCURRENCE

INCURRED ACCIDENT YEAR BASIC LIMITS LOSS DEVELOPMENT EXCLUDING ALAE

Link Ratios

A.Y.E.	27: 15	39: 27	51: 39	63: 51	75: 63	87: 75	99: 87	111: 99	123:111	135:123	147:135
12/31/1999	1.276	1.160	1.135	1.095	1.108	1.049	1.026	1.025	1.025	1.004	1.005
12/31/2000	1.396	1.200	1.129	1.064	1.072	1.084	1.034	1.020	1.024	1.007	1.011
12/31/2001	1.352	1.193	1.101	1.082	1.036	1.023	1.050	1.028	1.011	1.000	1.007
12/31/2002	1.357	1.127	1.132	1.024	1.020	1.046	1.039	1.020	0.989	1.009	1.007
12/31/2003	1.197	1.132	1.014	1.063	1.028	1.013	1.025	1.029	1.004	1.012	1.001
12/31/2004	1.237	1.114	1.102	1.057	1.043	1.039	1.021	1.038	1.014	1.028	1.016
12/31/2005	1.228	1.138	1.132	1.063	1.063	1.062	1.028	1.033	1.004	1.021	1.006
12/31/2006	1.232	1.148	1.112	1.109	1.033	1.029	0.992	1.023	1.013	1.031	1.017
12/31/2007	1.211	1.191	1.053	1.045	1.034	1.016	1.033	1.027	1.032	1.037	1.013
12/31/2008	1.177	1.106	1.043	1.019	1.019	1.034	1.018	1.118	1.103	0.939	
12/31/2009	1.167	1.110	1.020	1.025	1.011	1.016	1.046	1.073	1.004		
12/31/2010	1.175	1.060	1.029	1.035	1.022	1.020	1.031	1.026			
12/31/2011	1.116	1.039	1.008	1.022	1.040	1.035	1.021				
12/31/2012	1.129	1.040	1.053	1.053	1.047	1.031					
12/31/2013	1.118	1.103	1.042	1.056	1.034						
12/31/2014	1.155	1.070	1.042	1.019							
12/31/2015	1.187	1.121	1.073								
12/31/2016	1.286	1.111									
12/31/2017	1.212										

3 Yr Mean 1.228 1.101 1.052 1.043 1.040 1.029 1.033 1.072 1.046 1.002 1.012

Best 3/5 1.185 1.095 1.046 1.037 1.032 1.028 1.028 1.042 1.016 1.027 1.012

A.Y.E.	159:147	171:159	183:171	195:183	207:195	219:207	231:219	243:231			
12/31/1999	1.005	0.997	1.005	0.999	1.003	1.000	1.002	1.000			
12/31/2000	0.998	1.000	1.000	0.998	0.997	1.001	1.000	1.002 *			
12/31/2001	0.994	1.003	1.004	0.999	1.003	1.006	1.002 *	1.002 *			
12/31/2002	1.002	1.003	1.000	1.010	1.002	1.002 *	1.002 *	1.002 *			
12/31/2003	1.010	1.009	1.012	1.007	1.001 *	1.002 *	1.002 *	1.002 *			
12/31/2004	1.009	1.001	1.009								
12/31/2005	1.009	1.011									
12/31/2006	1.015										

3 Yr Mean 1.011 1.007 1.007 1.005 1.001 @ 1.002 @ 1.001 @ 1.000 @

Best 3/5 1.009 1.005 1.004 1.002 1.002 * 1.002 * 1.002 * 1.002 *

A.Y.E.	15/ 27	27/ 39	39/ 51	51/ 63	63/ 75	75/ 87	87/ 99	99/111	111/123	123/135	135/147
12/31/2014					1.032	1.028	1.028	1.042	1.016	1.027	1.012
12/31/2015				1.037	1.032	1.028	1.028	1.042	1.016	1.027	1.012
12/31/2016			1.046	1.037	1.032	1.028	1.028	1.042	1.016	1.027	1.012
12/31/2017		1.095	1.046	1.037	1.032	1.028	1.028	1.042	1.016	1.027	1.012
12/31/2018	1.185	1.095	1.046	1.037	1.032	1.028	1.028	1.042	1.016	1.027	1.012

A.Y.E.	147/159	159/171	171/183	183/195	195/207	207/219	219/231	231/243	243/U1t	FACTORS
12/31/2014	1.009	1.005	1.004	1.002	1.002	1.002	1.002	1.002	1.008*	1.244
12/31/2015	1.009	1.005	1.004	1.002	1.002	1.002	1.002	1.002	1.008*	1.290
12/31/2016	1.009	1.005	1.004	1.002	1.002	1.002	1.002	1.002	1.008*	1.349
12/31/2017	1.009	1.005	1.004	1.002	1.002	1.002	1.002	1.002	1.008*	1.477
12/31/2018	1.009	1.005	1.004	1.002	1.002	1.002	1.002	1.002	1.008*	1.751

* 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
12/31/1999	3,142,541	4,977,597	5,527,609	7,197,579	8,141,449	9,579,842	11,039,408	12,035,649	12,734,940	13,067,600	13,561,726
12/31/2000	3,400,770	5,146,115	7,094,639	9,275,829	11,482,702	14,262,234	16,346,990	18,132,176	18,953,322	21,225,933	22,978,551
12/31/2001	3,489,097	5,541,713	7,596,604	10,340,541	13,626,492	16,865,666	21,643,955	23,053,258	25,546,037	25,617,725	27,154,935
12/31/2002	3,869,547	5,269,389	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	4,149,510	6,037,111	7,638,180	8,422,617	9,776,188	10,377,702	11,377,578	12,070,965	12,746,610	13,596,034	13,514,320
12/31/2004	5,713,030	7,273,617	9,072,102	9,621,873	10,360,231	11,365,247	12,050,208	13,233,590	13,816,700	14,195,450	14,420,607
12/31/2005	6,367,860	8,777,525	9,741,409	10,326,087	11,626,756	12,389,964	12,824,831	13,608,783	14,235,890	14,331,722	14,545,124
12/31/2006	7,279,926	8,817,707	9,982,104	10,720,177	10,771,667	11,702,567	12,317,963	13,039,835	13,456,151	14,670,374	15,511,896
12/31/2007	9,403,204	11,511,865	11,956,531	12,390,151	13,164,956	13,680,133	14,775,331	15,475,514	16,228,583	17,474,496	17,511,929
12/31/2008	8,712,888	11,525,141	13,850,601	14,313,077	15,269,695	16,210,357	17,369,962	17,860,780	18,589,934	18,718,045	19,223,791
12/31/2009	7,979,788	10,320,500	11,838,366	12,625,681	13,654,353	15,195,568	16,397,696	16,933,219	17,598,778	18,050,046	
12/31/2010	9,056,769	10,657,449	10,911,041	11,745,824	12,597,278	12,949,027	13,227,231	14,123,135	14,480,770		
12/31/2011	8,411,352	10,340,541	11,336,352	11,446,268	12,211,032	12,892,273	13,370,415	13,812,048			
12/31/2012	7,813,203	9,214,668	9,925,070	10,448,675	11,837,770	12,473,737	12,737,058				
12/31/2013	10,344,923	12,289,236	12,950,872	13,773,169	14,353,939	15,031,095					
12/31/2014	10,480,704	12,363,373	14,118,754	15,606,041	16,471,188						
12/31/2015	12,410,417	15,384,247	16,277,335	16,843,450							
12/31/2016	13,146,314	15,132,055	17,680,734								
12/31/2017	11,707,532	14,190,927									
12/31/2018	12,594,173										

A.Y.E.	147 Months	159 Months	171 Months	183 Months	195 Months	207 Months	219 Months	231 Months	243 Months
12/31/1999	13,773,043	14,046,320	13,885,369	13,817,430	13,835,222	13,783,045	13,783,045	13,783,404	13,795,325
12/31/2000	23,550,809	23,750,305	23,668,239	23,641,027	23,416,548	23,246,003	23,296,276	23,291,802	
12/31/2001	27,315,593	27,393,881	27,015,323	26,923,448	26,761,541	26,807,288	26,739,738		
12/31/2002	19,691,678	19,493,471	19,197,635	18,967,507	19,046,399	19,042,195			
12/31/2003	13,360,804	13,561,372	13,214,880	13,166,186	13,111,180				
12/31/2004	14,456,912	14,600,056	14,634,325	14,713,020					
12/31/2005	15,129,417	15,334,155	15,512,099						
12/31/2006	15,568,205	15,844,351							
12/31/2007	17,949,138								

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
12/31/1999	1.584	1.110	1.302	1.131	1.177	1.152	1.090	1.058	1.026	1.038	1.016
12/31/2000	1.513	1.379	1.307	1.238	1.242	1.146	1.109	1.045	1.120	1.083	1.025
12/31/2001	1.588	1.371	1.361	1.318	1.238	1.283	1.065	1.108	1.003	1.060	1.006
12/31/2002	1.362	1.449	1.238	1.176	1.233	1.121	1.122	1.130	0.996	0.999	1.016
12/31/2003	1.455	1.265	1.103	1.161	1.062	1.096	1.061	1.056	1.067	0.994	0.989
12/31/2004	1.273	1.247	1.061	1.077	1.097	1.060	1.098	1.044	1.027	1.016	1.003
12/31/2005	1.378	1.110	1.060	1.126	1.066	1.035	1.061	1.046	1.007	1.015	1.040
12/31/2006	1.211	1.132	1.074	1.005	1.086	1.053	1.059	1.032	1.090	1.057	1.004
12/31/2007	1.224	1.039	1.036	1.063	1.039	1.080	1.047	1.049	1.077	1.002	1.025
12/31/2008	1.323	1.202	1.033	1.067	1.062	1.072	1.028	1.041	1.007	1.027	
12/31/2009	1.293	1.147	1.067	1.081	1.113	1.079	1.033	1.039	1.026		
12/31/2010	1.177	1.024	1.077	1.072	1.028	1.021	1.068	1.025			
12/31/2011	1.229	1.096	1.010	1.067	1.056	1.037	1.033				
12/31/2012	1.179	1.077	1.053	1.133	1.054	1.021					
12/31/2013	1.188	1.054	1.063	1.042	1.047						
12/31/2014	1.180	1.142	1.105	1.055							
12/31/2015	1.240	1.058	1.035								
12/31/2016	1.151	1.168									
12/31/2017	1.212										
3 Yr Mean	1.201	1.123	1.068	1.077	1.052	1.026	1.045	1.035	1.037	1.029	1.023
Best 3/5	1.193	1.092	1.050	1.065	1.052	1.043	1.038	1.037	1.037	1.019	1.011

A.Y.E.	159:147	171:159	183:171	195:183	207:195	219:207	231:219	243:231			
12/31/1999	1.020	0.989	0.995	1.001	0.996	1.000	1.000	1.001			
12/31/2000	1.008	0.997	0.999	0.991	0.993	1.002	1.000	1.000 *			
12/31/2001	1.003	0.986	0.997	0.994	1.002	0.997	1.000 *	1.000 *			
12/31/2002	0.990	0.985	0.988	1.004	1.000	0.999 *	1.000 *	1.000 *			
12/31/2003	1.015	0.974	0.996	0.996	0.997 *	0.999 *	1.000 *	1.000 *			
12/31/2004	1.010	1.002	1.005								
12/31/2005	1.014	1.012									
12/31/2006	1.018										
3 Yr Mean	1.014	0.996	0.996	0.998	0.998 @	1.000 @	1.000 @	1.001 @			
Best 3/5	1.013	0.991	0.997	0.997	0.998 *	0.999 *	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
12/31/2014					1.052	1.043	1.038	1.037	1.037	1.019	1.011
12/31/2015				1.065	1.052	1.043	1.038	1.037	1.037	1.019	1.011
12/31/2016			1.050	1.065	1.052	1.043	1.038	1.037	1.037	1.019	1.011
12/31/2017		1.092	1.050	1.065	1.052	1.043	1.038	1.037	1.037	1.019	1.011
12/31/2018	1.193	1.092	1.050	1.065	1.052	1.043	1.038	1.037	1.037	1.019	1.011

A.Y.E.	147/159	159/171	171/183	183/195	195/207	207/219	219/231	231/243	243/U1t	FACTORS
12/31/2014	1.013	0.991	0.997	0.997	0.998	0.999	1.000	1.000	1.000*	1.255
12/31/2015	1.013	0.991	0.997	0.997	0.998	0.999	1.000	1.000	1.000*	1.337
12/31/2016	1.013	0.991	0.997	0.997	0.998	0.999	1.000	1.000	1.000*	1.404
12/31/2017	1.013	0.991	0.997	0.997	0.998	0.999	1.000	1.000	1.000*	1.533
12/31/2018	1.013	0.991	0.997	0.997	0.998	0.999	1.000	1.000	1.000*	1.829

* 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
12/31/1999	1,668,153	3,336,316	6,423,228	11,359,815	14,943,484	18,872,478	22,475,790	25,613,716	28,564,868	30,260,585	30,908,184
12/31/2000	1,766,693	4,118,532	7,955,148	12,936,180	16,843,886	21,472,254	27,802,647	31,797,032	33,570,681	36,189,547	38,084,926
12/31/2001	3,226,880	6,490,590	12,441,692	18,154,439	23,560,982	29,302,373	35,452,222	39,569,142	42,814,608	44,842,276	45,917,075
12/31/2002	2,581,677	6,833,339	13,159,921	18,902,345	23,353,458	26,527,709	29,133,819	31,455,087	34,681,377	36,361,483	37,623,838
12/31/2003	3,980,548	6,843,257	12,896,746	17,537,418	21,971,378	26,148,320	28,055,619	30,760,075	32,857,264	34,779,255	36,359,446
12/31/2004	2,907,478	6,312,396	12,432,312	18,820,466	23,132,519	27,486,354	32,181,841	36,251,739	41,917,825	45,922,525	50,549,761
12/31/2005	2,078,294	6,544,724	12,017,280	18,070,477	23,101,679	29,091,715	32,902,584	36,663,507	41,170,343	44,789,283	47,493,933
12/31/2006	4,056,419	8,910,100	16,372,653	23,646,982	30,533,489	36,573,120	42,719,189	46,378,212	53,034,326	55,954,270	58,905,773
12/31/2007	4,482,298	9,178,174	17,272,566	23,812,316	30,002,254	36,368,263	40,982,320	45,906,718	50,057,115	54,549,809	56,940,320
12/31/2008	5,357,486	12,833,987	21,319,711	31,631,934	40,623,873	46,521,177	50,243,526	53,349,509	57,231,987	59,030,697	61,184,078
12/31/2009	7,511,748	15,425,832	26,729,294	38,180,516	46,834,262	52,887,028	57,319,303	62,568,183	64,898,716	67,818,596	
12/31/2010	6,215,465	14,390,125	25,396,884	36,902,451	43,783,473	49,068,325	52,949,562	54,961,417	57,853,487		
12/31/2011	7,189,460	14,183,919	21,615,590	28,000,327	32,813,918	37,942,294	42,388,604	44,604,807			
12/31/2012	5,535,629	11,817,006	19,276,840	26,806,682	34,990,010	39,116,020	40,961,492				
12/31/2013	4,584,476	11,549,212	17,755,808	26,350,128	32,244,133	35,001,536					
12/31/2014	4,485,014	10,676,701	17,653,654	23,910,588	28,157,111						
12/31/2015	5,242,900	11,061,224	17,938,069	24,272,558							
12/31/2016	5,490,531	12,613,714	21,269,132								
12/31/2017	4,454,932	10,203,609									
12/31/2018	4,383,119										

A.Y.E	147 Months	159 Months	171 Months	183 Months	195 Months	207 Months	219 Months	231 Months	243 Months
12/31/1999	32,142,125	33,272,857	33,596,207	33,888,911	34,348,528	34,434,686	34,454,939	34,498,730	34,499,997
12/31/2000	40,170,887	40,271,257	40,171,695	40,453,710	40,838,032	40,920,177	40,795,783	40,806,871	
12/31/2001	46,713,802	47,012,447	47,250,589	47,692,448	48,239,176	48,396,668	48,698,540		
12/31/2002	39,337,746	40,960,608	41,148,157	42,080,692	42,821,429	43,204,983			
12/31/2003	38,081,011	38,665,391	39,588,629	40,338,114	40,531,628				
12/31/2004	55,167,421	57,139,531	58,119,898	58,462,098					
12/31/2005	48,022,351	49,245,719	49,762,119						
12/31/2006	60,346,320	61,700,418							
12/31/2007	58,641,395								

Link Ratios: 171 to Ultimate									
A.Y.E	183:171	195:183	207:195	219:207	231:219	243:231	Ult:243		
12/31/1999	1.009	1.014	1.003	1.001	1.001	1.000	1.000	*	
12/31/2000	1.007	1.010	1.002	0.997	1.000	1.000	1.000	*	
12/31/2001	1.009	1.011	1.003	1.006	1.001	1.000	1.000	*	
12/31/2002	1.023	1.018	1.009	1.002	*	1.001	1.000	*	
12/31/2003	1.019	1.005	1.011	*	1.002	*	1.001	*	
12/31/2004	1.006								
Best 3/5	1.012	1.012	1.005	*	1.002	*	1.001	*	1.000

171 to Ultimate Factor: 1.032

* Calculated Using Modified Bondy Method

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

Increments													
A.Y.E	27: 15	39: 27	51: 39	63: 51	75: 63	87: 75	99: 87	111: 99	123: 111	135: 123	147: 135	159:147	171:159
12/31/1999	1,668,163	3,086,912	4,936,587	3,583,669	3,928,994	3,603,312	3,137,926	2,951,152	1,695,717	647,599	1,233,941	1,130,732	323,350
12/31/2000	2,351,839	3,836,616	4,981,032	3,907,706	4,628,368	6,330,393	3,994,385	1,773,649	2,618,866	1,895,379	2,085,961	100,370	-99,562
12/31/2001	3,263,710	5,951,102	5,712,747	5,406,543	5,741,391	6,149,849	4,116,920	3,245,466	2,027,668	1,074,799	796,727	298,645	238,142
12/31/2002	4,251,662	6,326,582	5,742,424	4,451,113	3,174,251	2,606,110	2,321,268	3,226,290	1,680,106	1,262,355	1,713,908	1,622,862	187,549
12/31/2003	2,862,709	6,053,489	4,640,672	4,433,960	4,176,942	1,907,299	2,704,456	2,097,189	1,921,991	1,580,191	1,721,565	584,380	923,238
12/31/2004	3,404,918	6,119,916	6,388,154	4,312,053	4,353,835	4,695,487	4,069,898	5,666,086	4,004,700	4,627,236	4,617,660	1,972,110	980,367
12/31/2005	4,466,430	5,472,556	6,053,197	5,031,202	5,990,036	3,810,869	3,760,923	4,506,836	3,618,940	2,704,650	528,418	1,223,368	516,400
12/31/2006	4,853,681	7,462,553	7,274,329	6,886,507	6,039,631	6,146,069	3,659,023	6,656,114	2,919,944	2,951,503	1,440,547	1,354,098	
12/31/2007	4,695,876	8,094,392	6,539,750	6,189,938	6,366,009	4,614,057	4,924,398	4,150,397	4,492,694	2,390,511	1,701,075		
12/31/2008	7,476,501	8,485,724	10,312,223	8,991,939	5,897,304	3,722,349	3,105,983	3,882,478	1,798,710	2,153,381			
12/31/2009	7,914,084	11,303,462	11,451,222	8,653,746	6,052,766	4,432,275	5,248,880	2,330,533	2,919,880				
12/31/2010	8,174,660	11,006,759	11,505,567	6,881,022	5,284,852	3,881,237	2,011,855	2,892,070					
12/31/2011	6,994,459	7,431,671	6,384,737	4,813,591	5,128,376	4,446,310	2,216,203						
12/31/2012	6,281,377	7,459,834	7,529,842	8,183,328	4,126,010	1,845,472							
12/31/2013	6,964,736	6,206,596	8,594,320	5,894,005	2,757,403								
12/31/2014	6,191,687	6,976,953	6,256,934	4,246,523									
12/31/2015	5,818,324	6,876,845	6,334,489										
12/31/2016	7,123,183	8,655,418											
12/31/2017	5,748,677												

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
12/31/1999	0.0287	0.0531	0.0849	0.0616	0.0676	0.0620	0.0540	0.0508	0.0292	0.0111	0.0212	0.0194	0.0056
12/31/2000	0.0319	0.0521	0.0676	0.0530	0.0628	0.0859	0.0542	0.0241	0.0355	0.0257	0.0283	0.0014	-0.0014
12/31/2001	0.0451	0.0822	0.0789	0.0747	0.0793	0.0850	0.0569	0.0448	0.0280	0.0148	0.0110	0.0041	0.0033
12/31/2002	0.0594	0.0884	0.0803	0.0622	0.0444	0.0364	0.0324	0.0451	0.0235	0.0176	0.0240	0.0227	0.0026
12/31/2003	0.0436	0.0922	0.0706	0.0675	0.0636	0.0290	0.0412	0.0319	0.0293	0.0241	0.0262	0.0089	0.0141
12/31/2004	0.0422	0.0758	0.0791	0.0534	0.0539	0.0581	0.0504	0.0701	0.0496	0.0573	0.0572	0.0244	0.0121
12/31/2005	0.0609	0.0746	0.0826	0.0686	0.0817	0.0520	0.0513	0.0615	0.0494	0.0369	0.0072	0.0167	0.0070
12/31/2006	0.0500	0.0768	0.0749	0.0709	0.0622	0.0633	0.0377	0.0685	0.0301	0.0304	0.0148	0.0139	
12/31/2007	0.0460	0.0793	0.0640	0.0606	0.0623	0.0452	0.0482	0.0406	0.0440	0.0234	0.0167		
12/31/2008	0.0644	0.0731	0.0888	0.0774	0.0508	0.0321	0.0267	0.0334	0.0155	0.0185			
12/31/2009	0.0660	0.0942	0.0955	0.0721	0.0505	0.0370	0.0438	0.0194	0.0243				
12/31/2010	0.0722	0.0972	0.1016	0.0608	0.0467	0.0343	0.0178	0.0255					
12/31/2011	0.0677	0.0719	0.0618	0.0466	0.0496	0.0430	0.0214						
12/31/2012	0.0651	0.0773	0.0780	0.0848	0.0428	0.0191							
12/31/2013	0.0763	0.0680	0.0941	0.0646	0.0302								
12/31/2014	0.0707	0.0797	0.0715	0.0485									
12/31/2015	0.0575	0.0679	0.0626										
12/31/2016	0.0739	0.0898											
12/31/2017	0.0612												

Best 3/5	0.0686	0.0750	0.0707	0.0579	0.0463	0.0344	0.0306	0.0332	0.0328	0.0302	0.0192	0.0178	0.0075
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LOCAL PRODUCTS (Subline Code 336)
FULL COVERAGE
MULTISTATE
BODILY INJURY - OCCURRENCE
INCURRED ACCIDENT YEAR BASIC LIMITS LOSS DEVELOPMENT EXCLUDING ALAE

\$100,000 Basic Limit Losses as of:											
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
12/31/1999	5,640,125	7,221,932	8,055,559	8,625,494	8,777,928	8,432,303	8,308,730	8,429,844	8,381,635	8,399,607	8,444,616
12/31/2000	6,241,893	7,846,057	8,878,581	10,028,395	9,114,290	9,074,853	9,040,929	9,098,117	9,015,129	9,029,862	9,013,288
12/31/2001	6,156,159	7,697,139	9,047,316	9,348,983	9,229,080	9,477,420	9,527,338	9,414,451	9,459,412	9,426,291	9,474,711
12/31/2002	6,742,206	7,904,813	9,350,937	10,575,598	10,464,773	10,397,019	10,389,624	10,423,004	10,423,204	10,419,382	10,525,383
12/31/2003	4,685,836	6,556,178	8,907,379	9,498,317	9,914,560	9,824,811	9,608,111	9,501,928	9,510,106	9,595,145	9,476,207
12/31/2004	5,613,023	6,798,347	8,144,858	8,903,857	8,633,061	8,292,971	8,366,133	8,209,619	8,248,611	8,270,040	8,241,575
12/31/2005	6,094,066	6,419,364	7,839,512	7,961,490	7,857,496	7,799,132	7,787,265	7,825,588	7,718,468	7,697,337	7,697,188
12/31/2006	5,468,803	6,585,107	8,165,220	8,060,168	7,846,753	7,673,354	7,486,282	7,495,698	7,557,198	7,557,198	7,557,198
12/31/2007	5,201,096	6,085,661	7,372,132	7,290,050	7,403,475	7,343,964	7,191,507	6,969,119	6,859,510	6,874,507	6,874,507
12/31/2008	5,734,718	7,045,916	7,954,815	7,621,748	7,378,809	7,502,155	7,520,572	7,401,821	7,401,821	7,450,821	7,450,821
12/31/2009	6,515,923	7,293,853	8,861,484	8,980,255	8,885,741	8,877,591	8,805,994	8,829,750	8,833,309	8,833,309	
12/31/2010	7,165,961	8,624,516	10,319,979	10,403,977	10,700,973	10,530,937	10,486,321	10,484,377	10,484,377		
12/31/2011	6,869,010	7,909,904	8,771,702	9,287,381	9,167,732	9,019,138	8,957,329	8,844,656			
12/31/2012	4,808,486	6,082,740	7,123,457	7,430,014	7,478,687	7,439,147	7,378,280				
12/31/2013	5,276,794	6,270,021	7,096,192	7,057,264	6,940,634	6,947,707					
12/31/2014	4,988,998	5,952,292	6,355,184	6,521,458	6,518,864						
12/31/2015	5,224,079	5,537,235	6,263,232	6,755,984							
12/31/2016	3,868,575	5,202,920	6,940,214								
12/31/2017	4,055,265	5,550,470									
12/31/2018	3,982,612										

A.Y.E.	147 Months	159 Months	171 Months	183 Months	195 Months	207 Months	219 Months	231 Months	243 Months
12/31/1999	8,424,070	8,407,121	8,506,121	8,510,922	8,515,922	8,530,922	8,530,922	8,512,724	8,512,724
12/31/2000	9,109,788	9,035,332	9,071,627	9,108,127	9,097,875	9,078,125	9,203,125	9,173,125	
12/31/2001	9,480,470	9,479,470	9,521,370	9,478,470	9,458,835	9,434,595	9,541,595		
12/31/2002	10,498,445	10,511,444	10,518,974	10,638,973	10,538,974	10,543,975			
12/31/2003	9,465,207	9,455,208	9,455,207	9,465,207	9,458,012				
12/31/2004	8,244,074	8,242,431	8,242,431	8,242,431					
12/31/2005	7,704,612	7,696,145	7,698,145						
12/31/2006	7,557,198	7,557,198							
12/31/2007	6,874,507								

LOCAL PRODUCTS (Subline Code 336)

FULL COVERAGE

MULTISTATE

BODILY INJURY - OCCURRENCE

INCURRED ACCIDENT YEAR BASIC LIMITS LOSS DEVELOPMENT EXCLUDING ALAE

Link Ratios

A.Y.E.	27: 15	39: 27	51: 39	63: 51	75: 63	87: 75	99: 87	111: 99	123:111	135:123	147:135
12/31/1999	1.280	1.115	1.071	1.018	0.961	0.985	1.015	0.994	1.002	1.005	0.998
12/31/2000	1.257	1.132	1.130	0.909	0.996	0.996	1.006	0.991	1.002	0.998	1.011
12/31/2001	1.250	1.175	1.033	0.987	1.027	1.005	0.988	1.005	0.996	1.005	1.001
12/31/2002	1.172	1.183	1.131	0.990	0.994	0.999	1.003	1.000	1.000	1.010	0.997
12/31/2003	1.399	1.359	1.066	1.044	0.991	0.978	0.989	1.001	1.009	0.988	0.999
12/31/2004	1.211	1.198	1.093	0.970	0.961	1.009	0.981	1.005	1.003	0.997	1.000
12/31/2005	1.053	1.221	1.016	0.987	0.993	0.998	1.005	0.986	0.997	1.000	1.001
12/31/2006	1.204	1.240	0.987	0.974	0.978	0.976	1.001	1.008	1.000	1.000	1.000
12/31/2007	1.170	1.211	0.989	1.016	0.992	0.979	0.969	0.984	1.002	1.000	1.000
12/31/2008	1.229	1.129	0.958	0.968	1.017	1.002	0.984	1.000	1.007	1.000	
12/31/2009	1.119	1.215	1.013	0.989	0.999	0.992	1.003	1.000	1.000		
12/31/2010	1.204	1.197	1.008	1.029	0.984	0.996	1.000	1.000			
12/31/2011	1.152	1.109	1.059	0.987	0.984	0.993	0.987				
12/31/2012	1.265	1.171	1.043	1.007	0.995	0.992					
12/31/2013	1.188	1.132	0.995	0.983	1.001						
12/31/2014	1.193	1.068	1.026	1.000							
12/31/2015	1.060	1.131	1.079								
12/31/2016	1.345	1.334									
12/31/2017	1.369										
3 Yr Mean	1.258	1.178	1.033	0.997	0.993	0.994	0.997	1.000	1.003	1.000	1.000
Best 3/5	1.242	1.145	1.043	0.998	0.993	0.994	0.990	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			
12/31/1999	0.998	1.012	1.001	1.001	1.002	1.000	0.998	1.000			
12/31/2000	0.992	1.004	1.004	0.999	0.998	1.014	0.997	1.000 *			
12/31/2001	1.000	1.004	0.995	0.998	0.997	1.011	1.003 *	1.000 *			
12/31/2002	1.001	1.001	1.011	0.991	1.000	0.999 *	1.003 *	1.000 *			
12/31/2003	0.999	1.000	1.001	0.999	0.999 *	0.999 *	1.003 *	1.000 *			
12/31/2004	1.000	1.000	1.000								
12/31/2005	0.999	1.000									
12/31/2006	1.000										
3 Yr Mean	1.000	1.000	1.004	0.996	0.998 @	1.008 @	0.998 @	1.000 @			
Best 3/5	1.000	1.000	1.002	0.999	0.999 *	1.003 *	1.001 *	1.000 *			

Development From

A.Y.E.	15/ 27	27/ 39	39/ 51	51/ 63	63/ 75	75/ 87	87/ 99	99/111	111/123	123/135	135/147
12/31/2014					0.993	0.994	0.990	1.000	1.001	1.000	1.000
12/31/2015				0.998	0.993	0.994	0.990	1.000	1.001	1.000	1.000
12/31/2016			1.043	0.998	0.993	0.994	0.990	1.000	1.001	1.000	1.000
12/31/2017		1.145	1.043	0.998	0.993	0.994	0.990	1.000	1.001	1.000	1.000
12/31/2018	1.242	1.145	1.043	0.998	0.993	0.994	0.990	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/U1t	FACTORS
12/31/2014	1.000	1.000	1.002	0.999	0.999	1.003	1.001	1.000	1.000*	0.982
12/31/2015	1.000	1.000	1.002	0.999	0.999	1.003	1.001	1.000	1.000*	0.980
12/31/2016	1.000	1.000	1.002	0.999	0.999	1.003	1.001	1.000	1.000*	1.022
12/31/2017	1.000	1.000	1.002	0.999	0.999	1.003	1.001	1.000	1.000*	1.170
12/31/2018	1.000	1.000	1.002	0.999	0.999	1.003	1.001	1.000	1.000*	1.454

* 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
12/31/1999	357,147	246,142	223,437	219,338	221,172	221,172	221,172	221,172	221,172	221,172	221,172
12/31/2000	313,656	527,947	556,053	475,991	500,991	490,335	486,335	487,335	487,335	486,335	521,335
12/31/2001	278,206	352,745	423,834	497,226	463,174	463,174	453,174	453,174	453,174	466,578	466,578
12/31/2002	396,353	425,131	379,361	487,852	474,098	435,359	435,358	435,358	435,358	435,358	435,358
12/31/2003	136,107	223,208	194,856	249,570	167,177	98,892	100,392	75,291	75,291	75,291	75,291
12/31/2004	426,879	386,565	768,260	1,012,432	611,871	613,151	590,752	590,751	590,751	590,751	590,751
12/31/2005	535,698	701,320	1,015,466	911,971	807,001	889,418	889,417	889,467	889,467	890,096	890,096
12/31/2006	402,493	741,418	759,635	666,429	694,212	693,655	693,655	693,655	693,655	693,655	693,655
12/31/2007	355,039	497,801	855,370	821,579	771,410	761,510	761,510	767,510	767,510	767,510	761,510
12/31/2008	525,801	362,912	467,874	427,853	351,603	368,464	367,964	367,964	367,964	367,964	367,964
12/31/2009	266,620	294,750	308,023	241,039	337,719	338,719	338,619	338,630	338,619	338,619	
12/31/2010	428,140	317,606	396,643	284,143	289,473	289,473	289,473	283,473	283,473		
12/31/2011	377,122	632,936	765,902	820,402	827,902	811,503	898,003	898,003			
12/31/2012	330,321	456,809	556,018	580,856	715,382	669,186	669,186				
12/31/2013	324,760	426,869	456,567	606,205	621,994	521,520					
12/31/2014	856,109	1,073,449	956,310	1,139,407	1,089,407						
12/31/2015	602,349	778,768	834,080	1,028,194							
12/31/2016	426,205	566,004	827,794								
12/31/2017	448,173	1,292,407									
12/31/2018	387,906										

A.Y.E.	147 Months	159 Months	171 Months	183 Months	195 Months	207 Months	219 Months	231 Months	243 Months
12/31/1999	221,172	221,172	247,673	247,673	247,673	247,673	247,673	247,673	248,578
12/31/2000	504,435	504,936	571,270	560,254	566,376	565,418	561,417	542,080	
12/31/2001	466,578	463,774	505,428	505,428	480,116	475,915	559,769		
12/31/2002	435,358	435,358	435,358	427,858	427,858	427,858			
12/31/2003	75,291	75,291	75,291	75,291	81,916				
12/31/2004	590,754	590,751	590,751	590,751					
12/31/2005	890,096	890,096	890,096						
12/31/2006	693,655	693,685							
12/31/2007	761,510								

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
12/31/1999	0.689	0.908	0.982	1.008	1.000	1.000	1.000	1.000	1.000	1.000	1.000
12/31/2000	1.683	1.053	0.856	1.053	0.979	0.992	1.002	1.000	0.998	1.072	0.968
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	1.073	0.892	1.286	0.972	0.918	1.000	1.000	1.000	1.000	1.000	1.000
12/31/2003	1.640	0.873	1.281	0.670	0.592	1.015	0.750	1.000	1.000	1.000	1.000
12/31/2004	0.906	1.987	1.318	0.604	1.002	0.963	1.000	1.000	1.000	1.000	1.000
12/31/2005	1.309	1.448	0.898	0.885	1.102	1.000	1.000	1.000	1.001	1.000	1.000
12/31/2006	1.842	1.025	0.877	1.042	0.999	1.000	1.000	1.000	1.000	1.000	1.000
12/31/2007	1.402	1.718	0.960	0.939	0.987	1.000	1.008	1.000	1.000	0.992	1.000
12/31/2008	0.690	1.289	0.914	0.822	1.048	0.999	1.000	1.000	1.000	1.000	
12/31/2009	1.106	1.045	0.783	1.401	1.003	1.000	1.000	1.000	1.000		
12/31/2010	0.742	1.249	0.716	1.019	1.000	1.000	0.979	1.000			
12/31/2011	1.678	1.210	1.071	1.009	0.980	1.107	1.000				
12/31/2012	1.383	1.217	1.045	1.232	0.935	1.000					
12/31/2013	1.314	1.070	1.328	1.026	0.838						
12/31/2014	1.254	0.891	1.191	0.956							
12/31/2015	1.293	1.071	1.233								
12/31/2016	1.328	1.463									
12/31/2017	2.884										
3 Yr Mean	1.835	1.142	1.251	1.071	0.918	1.036	0.993	1.000	1.000	0.997	1.000
Best 3/5	1.312	1.119	1.165	1.018	0.972	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			
12/31/1999	1.000	1.120	1.000	1.000	1.000	1.000	1.000	1.004			
12/31/2000	1.001	1.131	0.981	1.011	0.998	0.993	0.966	0.999 *			
12/31/2001	0.994	1.090	1.000	0.950	0.991	1.176	0.999 *	0.999 *			
12/31/2002	1.000	1.000	0.983	1.000	1.000	0.999 *	0.999 *	0.999 *			
12/31/2003	1.000	1.000	1.000	1.088	1.004 *	0.999 *	0.999 *	0.999 *			
12/31/2004	1.000	1.000	1.000								
12/31/2005	1.000	1.000									
12/31/2006	1.000										
3 Yr Mean	1.000	1.000	0.994	1.013	0.996 @	1.056 @	0.983 @	1.004 @			
Best 3/5	1.000	1.000	0.994	1.004	0.999 *	0.999 *	0.999 *	0.999 *			

Development From

A.Y.E.	15/ 27	27/ 39	39/ 51	51/ 63	63/ 75	75/ 87	87/ 99	99/111	111/123	123/135	135/147
12/31/2014					0.972	1.000	1.000	1.000	1.000	1.000	1.000
12/31/2015				1.018	0.972	1.000	1.000	1.000	1.000	1.000	1.000
12/31/2016			1.165	1.018	0.972	1.000	1.000	1.000	1.000	1.000	1.000
12/31/2017		1.119	1.165	1.018	0.972	1.000	1.000	1.000	1.000	1.000	1.000
12/31/2018	1.312	1.119	1.165	1.018	0.972	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/U1t	FACTORS
12/31/2014	1.000	1.000	0.994	1.004	0.999	0.999	0.999	0.999	0.996*	0.962
12/31/2015	1.000	1.000	0.994	1.004	0.999	0.999	0.999	0.999	0.996*	0.980
12/31/2016	1.000	1.000	0.994	1.004	0.999	0.999	0.999	0.999	0.996*	1.141
12/31/2017	1.000	1.000	0.994	1.004	0.999	0.999	0.999	0.999	0.996*	1.277
12/31/2018	1.000	1.000	0.994	1.004	0.999	0.999	0.999	0.999	0.996*	1.676

* 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>
12/31/1999	778,081	1,683,697	2,225,782	3,069,536	3,437,968	3,442,907	3,541,657	3,934,735	3,931,369	3,968,930	3,979,748
12/31/2000	1,045,243	1,520,295	2,429,255	3,731,523	4,469,662	4,828,234	4,977,128	4,920,617	4,961,264	4,979,456	5,005,127
12/31/2001	934,953	1,971,556	3,436,205	4,320,115	5,433,123	5,931,830	6,835,823	7,087,364	7,340,810	7,177,505	7,333,670
12/31/2002	1,614,509	2,423,104	3,765,270	4,502,974	5,508,908	5,847,872	5,968,163	6,118,858	6,181,039	6,184,554	6,282,700
12/31/2003	739,154	1,535,315	2,390,516	3,072,303	3,908,152	4,276,475	4,454,629	4,432,746	4,441,994	4,477,242	4,551,208
12/31/2004	683,625	1,429,228	2,426,622	3,084,970	3,618,994	3,825,965	3,968,670	4,110,763	4,108,705	4,107,920	4,108,665
12/31/2005	535,061	1,209,728	2,207,724	2,754,521	3,885,922	3,193,301	3,318,523	3,328,446	3,324,675	3,305,488	3,305,518
12/31/2006	652,567	1,564,105	2,661,008	3,729,388	4,330,201	4,747,517	4,855,758	4,812,874	4,846,184	4,841,505	4,841,505
12/31/2007	627,439	1,484,311	2,776,866	3,352,762	3,947,746	4,209,996	4,404,857	4,243,255	4,281,515	4,277,394	4,279,530
12/31/2008	563,620	1,274,355	2,586,309	3,123,872	3,357,018	3,471,156	3,542,133	3,572,329	3,586,603	3,590,643	3,590,643
12/31/2009	585,015	1,497,728	3,302,450	3,339,250	3,961,355	3,918,666	3,929,406	3,943,062	3,941,217	3,951,547	
12/31/2010	917,867	1,834,899	3,240,511	4,548,548	5,658,899	5,851,891	5,786,418	5,793,827	5,816,358		
12/31/2011	717,665	1,345,682	2,434,473	3,596,587	4,155,193	4,485,469	4,636,342	4,649,481			
12/31/2012	573,328	1,514,295	3,204,137	4,066,515	4,481,390	4,839,973	4,930,584				
12/31/2013	919,825	2,006,991	3,279,382	4,322,482	4,947,403	5,416,463					
12/31/2014	750,099	1,411,700	2,243,492	2,705,567	2,943,701						
12/31/2015	539,990	1,048,895	1,792,918	2,558,970							
12/31/2016	457,616	1,166,998	2,266,878								
12/31/2017	484,595	1,390,207									
12/31/2018	634,766										

<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>
12/31/1999	4,011,271	4,025,072	4,216,013	4,246,726	4,194,975	4,210,736	4,224,824	4,225,201	4,225,202
12/31/2000	5,404,432	5,169,291	5,239,408	5,292,147	5,354,338	5,377,591	5,420,969	5,465,151	
12/31/2001	7,438,804	7,607,614	7,717,841	7,860,860	8,044,771	8,181,952	8,241,025		
12/31/2002	6,335,393	6,399,152	6,404,975	6,670,033	6,441,505	6,454,006			
12/31/2003	4,531,498	4,531,498	4,529,391	4,579,391	4,571,628				
12/31/2004	4,105,865	4,128,532	4,125,411	4,125,739					
12/31/2005	3,305,518	3,335,965	3,359,026						
12/31/2006	4,841,505	4,841,645							
12/31/2007	4,278,597								

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

	Increments												
A.Y.E	<u>27: 15</u>	<u>39: 27</u>	<u>51: 39</u>	<u>63: 51</u>	<u>75: 63</u>	<u>87: 75</u>	<u>99: 87</u>	<u>111: 99</u>	<u>123: 111</u>	<u>135: 123</u>	<u>147: 135</u>	<u>159:147</u>	<u>171:159</u>
12/31/1999	905,616	542,085	843,754	368,432	4,939	98,750	393,078	-3,366	37,561	10,818	31,523	13,801	190,941
12/31/2000	475,052	908,960	1,302,268	738,139	358,572	148,894	-56,511	40,647	18,192	25,671	399,305	-235,141	70,117
12/31/2001	1,036,603	1,464,649	883,910	1,113,008	498,707	903,993	251,541	253,446	-163,305	156,165	105,134	168,810	110,227
12/31/2002	808,595	1,342,166	737,704	1,005,934	338,964	120,291	150,695	62,181	3,515	98,146	52,693	63,759	5,823
12/31/2003	796,161	855,201	681,787	835,849	368,323	178,154	-21,883	9,248	35,248	73,966	-19,710	0	-2,107
12/31/2004	745,603	997,394	658,348	534,024	206,971	142,705	142,093	-2,058	-785	745	-2,800	22,667	-3,121
12/31/2005	674,667	997,996	546,797	1,131,401	-692,621	125,222	9,923	-3,771	-19,187	30	0	30,447	23,061
12/31/2006	911,538	1,096,903	1,068,380	600,813	417,316	108,241	-42,884	33,310	-4,679	0	0	140	
12/31/2007	856,872	1,292,555	575,896	594,984	262,250	194,861	-161,602	38,260	-4,121	2,136	-933		
12/31/2008	710,735	1,311,954	537,563	233,146	114,138	70,977	30,196	14,274	4,040	0			
12/31/2009	912,713	1,804,722	36,800	622,105	-42,689	10,740	13,656	-1,845	10,330				
12/31/2010	917,032	1,405,612	1,308,037	1,110,351	192,992	-65,473	7,409	22,531					
12/31/2011	628,017	1,088,791	1,162,114	558,606	330,276	150,873	13,139						
12/31/2012	940,967	1,689,842	862,378	414,875	358,583	90,611							
12/31/2013	1,087,166	1,272,391	1,043,100	624,921	469,060								
12/31/2014	661,601	831,792	462,075	238,134									
12/31/2015	508,905	744,023	766,052										
12/31/2016	709,382	1,099,880											
12/31/2017	905,612												

	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	
12/31/1999	0.0742	0.0444	0.0692	0.0302	0.0004	0.0081	0.0322	-0.0003	0.0031	0.0009	0.0026	0.0011	0.0157	
12/31/2000	0.0357	0.0684	0.0980	0.0555	0.0270	0.0112	-0.0043	0.0031	0.0014	0.0019	0.0300	-0.0177	0.0053	
12/31/2001	0.0772	0.1090	0.0658	0.0829	0.0371	0.0673	0.0187	0.0189	-0.0122	0.0116	0.0078	0.0126	0.0082	
12/31/2002	0.0470	0.0781	0.0429	0.0585	0.0197	0.0070	0.0088	0.0036	0.0002	0.0057	0.0031	0.0037	0.0003	
12/31/2003	0.0513	0.0551	0.0439	0.0538	0.0237	0.0115	-0.0014	0.0006	0.0023	0.0048	-0.0013	0.0000	-0.0001	
12/31/2004	0.0640	0.0857	0.0566	0.0459	0.0178	0.0123	0.0122	-0.0002	-0.0001	0.0001	-0.0002	0.0019	-0.0003	
12/31/2005	0.0581	0.0859	0.0471	0.0974	-0.0596	0.0108	0.0009	-0.0003	-0.0017	0.0000	0.0000	0.0026	0.0020	
12/31/2006	0.0768	0.0925	0.0901	0.0506	0.0352	0.0091	-0.0036	0.0028	-0.0004	0.0000	0.0000	0.0000		
12/31/2007	0.0666	0.1005	0.0448	0.0463	0.0204	0.0151	-0.0126	0.0030	-0.0003	0.0002	-0.0001			
12/31/2008	0.0554	0.1023	0.0419	0.0182	0.0089	0.0055	0.0024	0.0011	0.0003	0.0000				
12/31/2009	0.0703	0.1390	0.0028	0.0479	-0.0033	0.0008	0.0011	-0.0001	0.0008					
12/31/2010	0.0607	0.0930	0.0866	0.0735	0.0128	-0.0043	0.0005	0.0015						
12/31/2011	0.0439	0.0761	0.0812	0.0390	0.0231	0.0105	0.0009							
12/31/2012	0.0791	0.1421	0.0725	0.0349	0.0302	0.0076								
12/31/2013	0.0976	0.1143	0.0937	0.0561	0.0421									
12/31/2014	0.0682	0.0858	0.0476	0.0246										
12/31/2015	0.0438	0.0640	0.0659											
12/31/2016	0.0525	0.0813												
12/31/2017	0.0620													

Best 3/5	0.0609	0.0938	0.0732	0.0433	0.0220	0.0047	0.0008	0.0018	-0.0001	0.0000	-0.0001	0.0015	0.0007
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LOCAL PRODUCTS (Subline Code 336)
FULL COVERAGE
MULTISTATE
BODILY INJURY - OCCURRENCE
INCURRED ACCIDENT YEAR ALAE DEVELOPMENT

<u>A.Y.E.</u>	Link Ratios						
	<u>183:171</u>	<u>195:183</u>	<u>207:195</u>	<u>219:207</u>	<u>231:219</u>	<u>243:231</u>	<u>Ult:243</u>
12/31/1999	1.007	0.988	1.004	1.003	1.000	1.000	1.019 *
12/31/2000	1.010	1.012	1.004	1.008	1.008	1.005 *	1.019 *
12/31/2001	1.019	1.023	1.017	1.007	1.005 *	1.005 *	1.019 *
12/31/2002	1.041	0.966	1.002	1.003 *	1.005 *	1.005 *	1.019 *
12/31/2003	1.011	0.998	0.999 *	1.003 *	1.005 *	1.005 *	1.019 *
12/31/2004	1.000						
Best 3/5	1.013	0.999	1.003 *	1.005 *	1.005 *	1.005 *	1.019 *

171 to Ultimate Factor: 1.050

<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>
	0.303	0.242	0.148	0.075	0.031	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	0.002	0.002	0.002	0.002	0.001	0.000

<u>A.Y.E</u>	Reported ALAE <u>as of 3/31/19</u>	\$500,000 <u>Ultimate Indemnity</u>	ALAE <u>Factor</u>	Additional <u>ALAE</u>	ALAE at <u>171 Months</u>	171-Ultimate <u>Factor</u>	Ultimate <u>ALAE</u>
12/31/2016	2,509,692	15,512,724	0.148	2,295,882	4,805,574	1.050	5,045,702
12/31/2017	1,295,863	15,939,944	0.242	3,857,468	5,153,331	1.050	5,410,843
12/31/2018	453,054	9,717,099	0.303	2,944,277	3,397,331	1.050	3,567,056

* 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
12/31/1999	1,572,065	1,987,939	2,042,232	2,211,684	2,206,231	2,199,548	2,303,744	2,276,465	2,293,317	2,238,872	2,256,844
12/31/2000	2,115,148	2,324,418	2,530,971	2,623,392	2,812,834	3,161,406	3,018,819	3,039,295	3,201,971	3,281,154	3,289,070
12/31/2001	1,627,013	1,654,011	1,972,348	2,039,048	1,900,818	1,952,852	2,119,627	2,292,203	2,299,929	2,337,585	2,345,731
12/31/2002	1,530,717	1,727,573	1,876,362	1,886,504	1,836,568	1,863,842	1,922,590	1,938,029	1,988,648	1,998,770	2,063,155
12/31/2003	1,321,533	1,887,161	2,163,441	2,172,909	2,449,305	2,450,817	2,487,331	2,501,397	2,506,543	2,547,183	2,557,986
12/31/2004	2,137,719	2,399,596	2,432,571	2,373,608	2,438,915	2,430,493	2,374,120	2,402,603	2,423,452	2,431,935	2,426,902
12/31/2005	2,865,381	3,103,309	3,333,662	3,422,623	3,483,267	3,365,079	3,378,435	3,424,923	3,434,293	3,428,003	3,428,281
12/31/2006	3,072,125	3,517,399	3,516,881	3,550,710	3,565,561	3,714,164	3,722,919	3,896,127	3,943,556	4,000,352	4,013,426
12/31/2007	2,844,645	2,853,095	2,933,768	3,269,723	3,545,542	3,514,845	3,597,290	3,574,891	3,567,151	3,540,362	3,549,074
12/31/2008	3,600,421	3,870,935	3,993,658	4,085,032	4,277,221	4,524,770	4,780,726	5,135,464	5,377,606	5,432,551	5,399,596
12/31/2009	3,534,085	3,753,341	3,751,263	3,780,076	3,763,549	3,990,026	3,999,860	4,145,232	4,210,482	4,240,123	
12/31/2010	4,401,926	4,575,257	4,861,935	4,838,710	4,442,350	4,679,912	4,681,113	4,616,073	4,635,092		
12/31/2011	4,091,786	4,327,021	4,618,039	4,544,531	4,651,918	4,844,335	4,801,436	4,878,153			
12/31/2012	3,868,440	4,015,567	3,840,908	3,695,235	3,852,599	3,849,831	3,901,446				
12/31/2013	3,562,555	3,598,755	4,135,664	4,002,305	4,028,293	4,107,933					
12/31/2014	3,323,473	3,533,086	3,456,269	3,653,060	3,622,449						
12/31/2015	4,560,156	4,854,521	5,463,196	5,478,878							
12/31/2016	4,374,337	4,459,644	4,829,183								
12/31/2017	4,261,821	4,407,193									
12/31/2018	4,851,824										
A.Y.E.	147 Months	159 Months	171 Months	183 Months	195 Months	207 Months	219 Months	231 Months	243 Months		
12/31/1999	2,269,121	2,294,943	2,305,226	2,279,715	2,344,614	2,345,815	2,343,314	2,343,314	2,347,988		
12/31/2000	3,295,715	3,288,963	3,292,462	3,285,460	3,285,459	3,283,459	3,283,459	3,283,459			
12/31/2001	2,333,120	2,290,449	2,295,943	2,297,122	2,309,129	2,309,129	2,309,128				
12/31/2002	2,045,051	2,110,693	2,107,568	2,116,168	2,133,461	2,132,211					
12/31/2003	2,598,043	2,580,329	2,566,579	2,589,074	2,589,074						
12/31/2004	2,402,124	2,408,903	2,521,395	2,506,394							
12/31/2005	3,422,181	3,407,940	3,407,940								
12/31/2006	4,065,946	4,050,802									
12/31/2007	3,551,076										

LOCAL PRODUCTS (Subline Code 336)

FULL COVERAGE

MULTISTATE

PROPERTY DAMAGE - OCCURRENCE

INCURRED ACCIDENT YEAR BASIC LIMITS LOSS DEVELOPMENT EXCLUDING ALAE

Link Ratios

A.Y.E.	27: 15	39: 27	51: 39	63: 51	75: 63	87: 75	99: 87	111: 99	123:111	135:123	147:135
12/31/1999	1.265	1.027	1.083	0.998	0.997	1.047	0.988	1.007	0.976	1.008	1.005
12/31/2000	1.099	1.089	1.037	1.072	1.124	0.955	1.007	1.054	1.025	1.002	1.002
12/31/2001	1.017	1.192	1.034	0.932	1.027	1.085	1.081	1.003	1.016	1.003	0.995
12/31/2002	1.129	1.086	1.005	0.974	1.015	1.032	1.008	1.026	1.005	1.032	0.991
12/31/2003	1.428	1.146	1.004	1.127	1.001	1.015	1.006	1.002	1.016	1.004	1.016
12/31/2004	1.123	1.014	0.976	1.028	0.997	0.977	1.012	1.009	1.004	0.998	0.990
12/31/2005	1.083	1.074	1.027	1.018	0.966	1.004	1.014	1.003	0.998	1.000	0.998
12/31/2006	1.145	1.000	1.010	1.004	1.042	1.002	1.047	1.012	1.014	1.003	1.013
12/31/2007	1.003	1.028	1.115	1.084	0.991	1.023	0.994	0.998	0.992	1.002	1.001
12/31/2008	1.075	1.032	1.023	1.047	1.058	1.057	1.074	1.047	1.010	0.994	
12/31/2009	1.062	0.999	1.008	0.996	1.060	1.002	1.036	1.016	1.007		
12/31/2010	1.039	1.063	0.995	0.918	1.053	1.000	0.986	1.004			
12/31/2011	1.057	1.067	0.984	1.024	1.041	0.991	1.016				
12/31/2012	1.038	0.957	0.962	1.043	0.999	1.013					
12/31/2013	1.010	1.149	0.968	1.006	1.020						
12/31/2014	1.063	0.978	1.057	0.992							
12/31/2015	1.065	1.125	1.003								
12/31/2016	1.020	1.083									
12/31/2017	1.034										

3 Yr Mean 1.040 1.062 1.009 1.014 1.020 1.001 1.013 1.022 1.003 1.000 1.004

Best 3/5 1.039 1.062 0.985 1.007 1.038 1.005 1.015 1.011 1.005 1.000 1.004

A.Y.E.	159:147	171:159	183:171	195:183	207:195	219:207	231:219	243:231
12/31/1999	1.011	1.004	0.989	1.028	1.001	0.999	1.000	1.002
12/31/2000	0.998	1.001	0.998	1.000	0.999	1.000	1.000	1.000 *
12/31/2001	0.982	1.002	1.001	1.005	1.000	1.000	1.000 *	1.000 *
12/31/2002	1.032	0.999	1.004	1.008	0.999	1.000 *	1.000 *	1.000 *
12/31/2003	0.993	0.995	1.009	1.000	1.004 *	1.000 *	1.000 *	1.000 *
12/31/2004	1.003	1.047	0.994					
12/31/2005	0.996	1.000						
12/31/2006	0.996							

3 Yr Mean 0.998 1.014 1.002 1.004 0.999 @ 1.000 @ 1.000 @ 1.002 @

Best 3/5 0.998 1.000 1.001 1.004 1.000 * 1.000 * 1.000 * 1.000 *

Development From

A.Y.E.	15/ 27	27/ 39	39/ 51	51/ 63	63/ 75	75/ 87	87/ 99	99/111	111/123	123/135	135/147
12/31/2014					1.038	1.005	1.015	1.011	1.005	1.000	1.004
12/31/2015				1.007	1.038	1.005	1.015	1.011	1.005	1.000	1.004
12/31/2016			0.985	1.007	1.038	1.005	1.015	1.011	1.005	1.000	1.004
12/31/2017		1.062	0.985	1.007	1.038	1.005	1.015	1.011	1.005	1.000	1.004
12/31/2018	1.039	1.062	0.985	1.007	1.038	1.005	1.015	1.011	1.005	1.000	1.004

A.Y.E.	147/159	159/171	171/183	183/195	195/207	207/219	219/231	231/243	243/U1t	FACTORS
12/31/2014	0.998	1.000	1.001	1.004	1.000	1.000	1.000	1.000	1.000*	1.083
12/31/2015	0.998	1.000	1.001	1.004	1.000	1.000	1.000	1.000	1.000*	1.091
12/31/2016	0.998	1.000	1.001	1.004	1.000	1.000	1.000	1.000	1.000*	1.075
12/31/2017	0.998	1.000	1.001	1.004	1.000	1.000	1.000	1.000	1.000*	1.141
12/31/2018	0.998	1.000	1.001	1.004	1.000	1.000	1.000	1.000	1.000*	1.186

* 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
12/31/1999	120,168	311,306	312,394	277,393	303,006	287,030	267,972	267,474	274,472	267,472	267,472
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	211,169	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	298,214	270,546	283,673	398,283	518,855	600,389	644,503	716,619	797,603	987,207	1,083,677
12/31/2004	267,359	144,698	230,234	354,867	441,630	632,353	616,235	904,464	1,008,422	1,087,637	1,296,374
12/31/2005	171,817	242,042	293,021	372,892	413,788	517,693	577,501	578,079	622,969	1,071,187	1,185,450
12/31/2006	278,672	268,892	383,670	529,121	648,904	746,115	720,042	744,136	932,230	1,066,447	970,261
12/31/2007	336,478	539,242	569,442	510,576	480,010	471,031	474,898	571,898	569,048	565,826	565,826
12/31/2008	281,982	200,447	330,593	329,110	331,110	329,110	429,110	429,110	422,611	442,611	513,281
12/31/2009	177,301	176,935	144,535	143,435	143,535	250,348	250,248	350,248	350,248	350,918	
12/31/2010	258,564	260,233	259,733	263,829	357,829	357,829	357,829	357,829	357,829		
12/31/2011	280,389	309,310	282,139	303,639	281,728	291,728	283,728	283,728			
12/31/2012	261,577	237,466	244,631	252,528	238,888	263,888	268,902				
12/31/2013	484,229	529,028	523,333	708,674	689,763	739,763					
12/31/2014	399,307	500,486	493,548	589,554	564,554						
12/31/2015	651,157	644,581	623,070	644,969							
12/31/2016	899,662	1,029,846	1,085,929								
12/31/2017	827,278	1,120,224									
12/31/2018	1,186,664										

A.Y.E.	147 Months	159 Months	171 Months	183 Months	195 Months	207 Months	219 Months	231 Months	243 Months
12/31/1999	267,472	267,472	267,472	267,472	267,472	267,472	267,472	267,472	267,472
12/31/2000	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		
12/31/2002	566,252	561,006	561,362	567,567	567,567	580,067			
12/31/2003	1,277,496	1,297,868	1,219,478	1,168,621	1,170,312				
12/31/2004	1,288,735	1,183,053	1,176,984	1,176,939					
12/31/2005	1,174,440	1,184,550	1,153,446						
12/31/2006	943,991	917,548							
12/31/2007	565,826								

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
12/31/1999	2.591	1.003	0.888	1.092	0.947	0.934	0.998	1.026	0.974	1.000	1.000
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	1.141	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	0.907	1.049	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	0.965	1.427	1.379	1.226	1.150	0.965	1.033	1.253	1.144	0.910	0.973
12/31/2007	1.603	1.056	0.897	0.940	0.981	1.008	1.204	0.995	0.994	1.000	1.000
12/31/2008	0.711	1.649	0.996	1.006	0.994	1.304	1.000	0.985	1.047	1.160	
12/31/2009	0.998	0.817	0.992	1.001	1.744	1.000	1.400	1.000	1.002		
12/31/2010	1.006	0.998	1.016	1.356	1.000	1.000	1.000	1.000			
12/31/2011	1.103	0.912	1.076	0.928	1.035	0.973	1.000				
12/31/2012	0.908	1.030	1.032	0.946	1.105	1.019					
12/31/2013	1.093	0.989	1.354	0.973	1.072						
12/31/2014	1.253	0.986	1.195	0.958							
12/31/2015	0.990	0.967	1.035								
12/31/2016	1.145	1.054									
12/31/2017	1.354										

3 Yr Mean 1.163 1.002 1.195 0.959 1.071 0.997 1.133 0.995 1.014 1.023 0.988

Best 3/5 1.164 1.002 1.102 0.959 1.071 1.006 1.068 0.998 1.064 1.089 0.995

A.Y.E.	159:147	171:159	183:171	195:183	207:195	219:207	231:219	243:231
12/31/1999	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
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	1.000 *	1.000 *	1.000 *	1.000 *
12/31/2004	0.918	0.995	1.000					
12/31/2005	1.009	0.974						
12/31/2006	0.972							

3 Yr Mean 0.966 0.970 0.990 1.000 1.007 @ 1.000 @ 1.000 @ 1.000 @

Best 3/5 0.991 0.990 1.000 1.000 1.000 * 1.000 * 1.000 * 1.000 *

Development From

A.Y.E.	15/ 27	27/ 39	39/ 51	51/ 63	63/ 75	75/ 87	87/ 99	99/111	111/123	123/135	135/147
12/31/2014					1.071	1.006	1.068	0.998	1.064	1.089	0.995
12/31/2015				0.959	1.071	1.006	1.068	0.998	1.064	1.089	0.995
12/31/2016			1.102	0.959	1.071	1.006	1.068	0.998	1.064	1.089	0.995
12/31/2017		1.002	1.102	0.959	1.071	1.006	1.068	0.998	1.064	1.089	0.995
12/31/2018	1.164	1.002	1.102	0.959	1.071	1.006	1.068	0.998	1.064	1.089	0.995

A.Y.E.	147/159	159/171	171/183	183/195	195/207	207/219	219/231	231/243	243/U1t	FACTORS
12/31/2014	0.991	0.990	1.000	1.000	1.000	1.000	1.000	1.000	1.000*	1.299
12/31/2015	0.991	0.990	1.000	1.000	1.000	1.000	1.000	1.000	1.000*	1.246
12/31/2016	0.991	0.990	1.000	1.000	1.000	1.000	1.000	1.000	1.000*	1.373
12/31/2017	0.991	0.990	1.000	1.000	1.000	1.000	1.000	1.000	1.000*	1.375
12/31/2018	0.991	0.990	1.000	1.000	1.000	1.000	1.000	1.000	1.000*	1.601

* Calculated Using Modified Bondy Method

@ Three year mean Excludes Modified Bondy ratios

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

Allocated Expenses as of:

<u>A.Y.E</u>	<u>15 Months</u>	<u>27 Months</u>	<u>39 Months</u>	<u>51 Months</u>	<u>63 Months</u>	<u>75 Months</u>	<u>87 Months</u>	<u>99 Months</u>	<u>111 Months</u>	<u>123 Months</u>	<u>135 Months</u>
12/31/1999	175,962	337,067	603,218	766,736	829,718	913,941	1,046,577	1,114,788	1,225,802	1,299,160	1,419,449
12/31/2000	296,826	494,491	719,707	875,557	1,098,543	1,354,409	1,774,260	1,993,516	2,167,348	2,467,181	2,637,675
12/31/2001	215,738	308,467	519,028	745,233	889,414	1,124,956	1,569,336	1,900,119	1,850,659	2,030,128	2,144,753
12/31/2002	181,573	336,689	516,639	789,100	849,839	945,579	1,024,135	1,048,926	1,048,930	1,246,269	1,436,592
12/31/2003	62,113	673,928	986,248	1,144,420	1,298,178	1,335,195	1,393,897	1,481,118	1,554,563	1,656,480	1,738,610
12/31/2004	167,304	321,683	486,041	683,212	806,857	976,396	996,498	1,017,912	1,049,334	1,057,515	1,082,518
12/31/2005	253,597	339,712	638,381	830,454	883,207	971,737	1,036,702	1,160,410	1,154,925	1,154,235	1,158,544
12/31/2006	163,787	400,897	684,328	992,786	1,282,472	1,629,231	1,711,002	2,010,531	2,032,986	2,122,926	2,121,410
12/31/2007	417,051	916,386	1,275,876	1,993,790	2,327,394	2,728,898	2,688,954	2,922,085	2,992,037	2,971,434	2,844,669
12/31/2008	432,158	1,008,781	1,482,874	2,545,803	3,513,742	5,724,763	8,226,270	9,650,053	9,635,341	9,039,353	8,541,384
12/31/2009	669,778	1,158,892	1,293,628	1,325,606	1,483,463	1,554,594	1,865,411	2,047,404	2,072,131	2,083,608	
12/31/2010	206,816	417,432	737,016	1,095,412	1,201,636	1,364,842	1,570,725	1,721,918	1,747,732		
12/31/2011	375,297	711,308	1,088,123	1,469,027	1,778,030	1,798,131	1,825,741	1,945,882			
12/31/2012	243,253	514,030	871,633	1,011,844	1,209,336	1,393,816	1,505,186				
12/31/2013	421,368	564,593	819,183	1,037,223	1,260,372	1,453,214					
12/31/2014	209,021	430,370	648,625	835,804	1,031,093						
12/31/2015	421,366	854,828	1,218,105	1,494,217							
12/31/2016	316,772	623,887	951,724								
12/31/2017	434,035	697,477									
12/31/2018	449,211										

<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>
12/31/1999	1,537,925	1,607,394	1,767,931	1,890,569	1,907,615	1,908,341	1,908,403	1,908,403	1,908,403
12/31/2000	2,787,050	2,899,751	2,965,261	2,912,071	2,936,607	2,961,607	2,956,072	2,956,268	
12/31/2001	2,273,390	2,360,582	2,388,452	2,478,063	2,704,552	2,704,552	2,704,552		
12/31/2002	1,528,483	1,801,105	1,959,947	1,990,934	1,990,659	1,990,659			
12/31/2003	1,763,964	1,818,157	1,841,439	1,885,380	1,885,380				
12/31/2004	1,077,537	1,084,479	1,114,207	1,114,207					
12/31/2005	1,335,545	1,211,377	1,222,969						
12/31/2006	2,220,899	2,259,651							
12/31/2007	2,845,553								

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

	Increments													
A.Y.E	27: 15	39: 27	51: 39	63: 51	75: 63	87: 75	99: 87	111: 99	123: 111	135: 123	147: 135	159:147	171:159	
12/31/1999	161,105	266,151	163,518	62,982	84,223	132,636	68,211	111,014	73,358	120,289	118,476	69,469	160,537	
12/31/2000	197,665	225,216	155,850	222,986	255,866	419,851	219,256	173,832	299,833	170,494	149,375	112,701	65,510	
12/31/2001	92,729	210,561	226,205	144,181	235,542	444,380	330,783	-49,460	179,469	114,625	128,637	87,192	27,870	
12/31/2002	155,116	179,950	272,461	60,739	95,740	78,556	24,791	4	197,339	190,323	91,891	272,622	158,842	
12/31/2003	611,815	312,320	158,172	153,758	37,017	58,702	87,221	73,445	101,917	82,130	25,354	54,193	23,282	
12/31/2004	154,379	164,358	197,171	123,645	169,539	20,102	21,414	31,422	8,181	25,003	-4,981	6,942	29,728	
12/31/2005	86,115	298,669	192,073	52,753	88,530	64,965	123,708	-5,485	-690	4,309	177,001	-124,168	11,592	
12/31/2006	237,110	283,431	308,458	289,686	346,759	81,771	299,529	22,455	89,940	-1,516	99,489	38,752		
12/31/2007	499,335	359,490	717,914	333,604	401,504	-39,944	233,131	69,952	-20,603	-126,765	884			
12/31/2008	576,623	474,093	1,062,929	967,939	2,211,021	2,501,507	1,423,783	-14,712	-595,988	-497,969				
12/31/2009	489,114	134,736	31,978	157,857	71,131	310,817	181,993	24,727	11,477					
12/31/2010	210,616	319,584	358,396	106,224	163,206	205,883	151,193	25,814						
12/31/2011	336,011	376,815	380,904	309,003	20,101	27,610	120,141							
12/31/2012	270,777	357,603	140,211	197,492	184,480	111,370								
12/31/2013	143,225	254,590	218,040	223,149	192,842									
12/31/2014	221,349	218,255	187,179	195,289										
12/31/2015	433,462	363,277	276,112											
12/31/2016	307,115	327,837												
12/31/2017	263,442													

	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	
12/31/1999	0.0569	0.0939	0.0577	0.0222	0.0297	0.0468	0.0241	0.0392	0.0259	0.0425	0.0418	0.0245	0.0567	
12/31/2000	0.0470	0.0535	0.0370	0.0530	0.0608	0.0998	0.0521	0.0413	0.0713	0.0405	0.0355	0.0268	0.0156	
12/31/2001	0.0296	0.0672	0.0722	0.0460	0.0751	0.1417	0.1055	-0.0158	0.0572	0.0366	0.0410	0.0278	0.0089	
12/31/2002	0.0727	0.0844	0.1278	0.0285	0.0449	0.0368	0.0116	0.0000	0.0925	0.0892	0.0431	0.1278	0.0745	
12/31/2003	0.2233	0.1140	0.0577	0.0561	0.0135	0.0214	0.0318	0.0268	0.0372	0.0300	0.0093	0.0198	0.0085	
12/31/2004	0.0542	0.0577	0.0692	0.0434	0.0595	0.0071	0.0075	0.0110	0.0029	0.0088	-0.0017	0.0024	0.0104	
12/31/2005	0.0220	0.0762	0.0490	0.0135	0.0226	0.0166	0.0316	-0.0014	-0.0002	0.0011	0.0452	-0.0317	0.0030	
12/31/2006	0.0496	0.0593	0.0646	0.0606	0.0726	0.0171	0.0627	0.0047	0.0188	-0.0003	0.0208	0.0081		
12/31/2007	0.1070	0.0770	0.1539	0.0715	0.0861	-0.0086	0.0500	0.0150	-0.0044	-0.0272	0.0002			
12/31/2008	0.0943	0.0775	0.1738	0.1583	0.3616	0.4091	0.2328	-0.0024	-0.0975	-0.0814				
12/31/2009	0.1092	0.0301	0.0071	0.0353	0.0159	0.0694	0.0406	0.0055	0.0026					
12/31/2010	0.0418	0.0634	0.0711	0.0211	0.0324	0.0409	0.0300	0.0051						
12/31/2011	0.0582	0.0652	0.0660	0.0535	0.0035	0.0048	0.0208							
12/31/2012	0.0602	0.0795	0.0312	0.0439	0.0410	0.0248								
12/31/2013	0.0325	0.0577	0.0494	0.0506	0.0437									
12/31/2014	0.0447	0.0441	0.0378	0.0394										
12/31/2015	0.0606	0.0508	0.0386											
12/31/2016	0.0556	0.0593												
12/31/2017	0.0425													

Best 3/5	0.0476	0.0559	0.0419	0.0447	0.0298	0.0450	0.0402	0.0051	-0.0007	-0.0088	0.0101	0.0101	0.0093
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LOCAL PRODUCTS (Subline Code 336)
FULL COVERAGE
MULTISTATE
PROPERTY DAMAGE - OCCURRENCE
INCURRED ACCIDENT YEAR ALAE DEVELOPMENT

<u>A.Y.E.</u>	Link Ratios						
	<u>183:171</u>	<u>195:183</u>	<u>207:195</u>	<u>219:207</u>	<u>231:219</u>	<u>243:231</u>	<u>Ult:243</u>
12/31/1999	1.069	1.009	1.000	1.000	1.000	1.000	1.000 *
12/31/2000	0.982	1.008	1.009	0.998	1.000	1.000 *	1.000 *
12/31/2001	1.038	1.091	1.000	1.000	1.000 *	1.000 *	1.000 *
12/31/2002	1.016	1.000	1.000	1.000 *	1.000 *	1.000 *	1.000 *
12/31/2003	1.024	1.000	1.003 *	1.000 *	1.000 *	1.000 *	1.000 *
12/31/2004	1.000						
Best 3/5	1.013	1.006	1.001 *	1.000 *	1.000 *	1.000 *	1.000 *

171 to Ultimate Factor: 1.020

<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>
	0.330	0.283	0.227	0.185	0.140	0.110	0.065
<u>Months-to-Ultimate</u>	<u>99</u>	<u>111</u>	<u>123</u>	<u>135</u>	<u>147</u>	<u>159</u>	<u>171</u>
	0.025	0.020	0.021	0.029	0.019	0.009	0.000

<u>A.Y.E</u>	Reported ALAE <u>as of 3/31/19</u>	\$500,000 <u>Ultimate Indemnity</u>	ALAE <u>Factor</u>	Additional <u>ALAE</u>	ALAE at <u>171 Months</u>	171-Ultimate <u>Factor</u>	Ultimate <u>ALAE</u>
12/31/2016	1,038,405	6,508,581	0.227	1,477,453	2,515,858	1.020	2,566,027
12/31/2017	751,342	6,878,888	0.283	1,946,730	2,698,072	1.020	2,751,903
12/31/2018	468,262	6,885,795	0.330	2,272,314	2,740,576	1.020	2,795,243

* Calculated Using Modified Bondy Method

Multistate Review of ULAE Experience
General Liability Including CMP Liability
Loss Adjustment Expense Special Call
Calendar Years 2014 - 2018

<u>Item *</u>	<u>2014</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2014 - 2018 Mean</u>
1. Direct Losses Incurred	\$20,338,262	\$25,301,890	\$26,175,083	\$23,084,643	\$26,920,048	
2. Allocated Loss Adjustment Expenses Incurred (ALAE)	\$5,287,378	\$6,141,101	\$5,079,567	\$6,058,484	\$5,902,031	
3. Unallocated Loss Adjustment Expenses Incurred (ULAE)	\$2,425,208	\$2,534,792	\$2,658,432	\$2,367,750	\$2,313,863	
4. Incurred Losses + ALAE [(1) + (2)]	\$25,625,640	\$31,442,991	\$31,254,650	\$29,143,127	\$32,822,079	
		<u>Incurred Percentage</u>				
5. Ratio of ULAE to (Losses + ALAE) [(3)/(4)]	9.5%	8.1%	8.5%	8.1%	7.0%	8.2%
6. Selected	8.5%					

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) 7/1/2016 to 7/1/2021 AYE 12/31/2016	+ 1.3%	+ 2.7%	+ 2.6%
b) 7/1/2017 to 7/1/2021 AYE 12/31/2017	+ 1.4%	+ 2.6%	+ 2.5%
c) 7/1/2018 to 7/1/2021 AYE 12/31/2018	+ 1.3%	+ 2.2%	+ 2.1%
(2) <u>OCCURRENCE SEVERITY</u>	<u>BODILY INJURY</u>	<u>PROPERTY DAMAGE</u>	
a) Fitted			
All Years	+ 5.7%	+ 3.5%	
Eight Years	+ 6.7%	+ 5.4%	
Six Years	+ 9.2%	+ 4.3%	
b) Selected	+ 4.0%	+ 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 12/31/2016, 12/31/2017 & 12/31/2018

(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		
2008	1		0.962			21.143			2015	1		1.024			24.773		
	2		0.958			21.357				2		1.026			24.921		
	3		0.956			21.604				3		1.028			25.023		
	4		0.957			21.880				4		1.030			25.178		
2009	1		0.961			22.128			2016	1		1.030			25.318		
	2		0.966			22.349				2		1.031			25.487		
	3		0.969			22.502				3		1.030			25.730		
	4		0.968			22.653				4		1.030			25.941		
2010	1		0.964			22.806			2017	1		1.033			26.147		
	2		0.962			22.928				2		1.034			26.313		
	3		0.962			23.080				3		1.037			26.511		
	4		0.965			23.208				4		1.040			26.704		
2011	1		0.968			23.312			2018	1		1.043			26.943		
	2		0.973			23.427				2		1.048			27.193		
	3		0.978			23.556				3		1.052			27.435		
	4		0.982			23.638				4		1.056			27.712		
2012	1		0.986			23.715			2019	1		1.059			27.933		
	2		0.990			23.794				2		1.062			28.157		
	3		0.995			23.873				3P		1.064			28.325		
	4		1.000			23.965				4P		1.067			28.475		
2013	1		1.004			24.062			2020	1P		1.071			28.653		
	2		1.006			24.140				2P		1.074			28.821		
	3		1.008			24.167				3P		1.076			29.007		
	4		1.010			24.208				4P		1.079			29.168		
2014	1		1.012			24.299			2021	1P		1.082			29.303		
	2		1.016			24.405				2P		1.087			29.417		
	3		1.019			24.538				3P		1.093			29.521		
	4		1.022			24.663				4P		1.099			29.627		
CHANGE IN EXPOSURES			LOCAL PRODUCTS			COMPLETED OPERATIONS											
	7/1/2016 to 7/1/2021	(2021:4/2016:4)			1.067			1.142									
	7/1/2017 to 7/1/2021	(2021:4/2017:4)			1.057			1.109									
	7/1/2018 to 7/1/2021	(2021:4/2018:4)			1.041			1.069									
AVERAGE ANNUAL TREND FACTOR																	
	7/1/2016 to 7/1/2021	(5.0 YRS)			1.013			1.027									
	7/1/2017 to 7/1/2021	(4.0 YRS)			1.014			1.026									
	7/1/2018 to 7/1/2021	(3.0 YRS)			1.013			1.022									

* 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
12/31/2009	\$35,775,810	1,479	\$24,189	\$24,191		
12/31/2010	44,999,023	1,604	28,054	25,560		
12/31/2011	40,432,132	1,479	27,337	27,007	\$25,780	
12/31/2012	40,816,210	1,424	28,663	28,536	27,512	
12/31/2013	42,848,649	1,487	28,816	30,151	29,360	\$27,244
12/31/2014	35,063,622	1,278	27,436	31,857	31,333	29,759
12/31/2015	36,960,783	1,120	33,001	33,660	33,438	32,506
12/31/2016	33,354,717	938	35,559	35,566	35,684	35,507
12/31/2017	35,206,034	911	38,645	37,579	38,081	38,785
12/31/2018	36,539,341	852	42,887	39,706	40,640	42,366
Goodness of Fit Statistic, R-Squared:				0.861	0.871	0.931
Average Annual Severity Trend (10 yr)				+ 5.7%		
Average Annual Severity Trend (8 yr)				+ 6.7%		
Average Annual Severity Trend (6 yr)				+ 9.2%		
Selected Annual Severity Trend				+ 4.0%		

* Including basic indemnity and allocated loss adjustment expense developed separately to an ultimate settlement basis.
NOTE: Trends are based on reported paid full coverage data developed to ultimate using paid development factors.
(See 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
12/31/2009	\$171,599,073	5,363	\$31,997	\$27,870		
12/31/2010	162,088,894	5,596	28,965	28,832		
12/31/2011	143,780,168	5,451	26,377	29,827	\$27,455	
12/31/2012	138,274,454	4,775	28,958	30,856	28,935	
12/31/2013	125,890,106	4,034	31,207	31,922	30,495	\$31,484
12/31/2014	120,542,044	3,736	32,265	33,023	32,140	32,847
12/31/2015	130,180,780	3,786	34,385	34,163	33,873	34,268
12/31/2016	140,771,027	3,764	37,399	35,343	35,699	35,752
12/31/2017	136,155,412	3,595	37,874	36,563	37,624	37,299
12/31/2018	135,142,338	3,604	37,498	37,825	39,652	38,914
Goodness of Fit Statistic, R-Squared:				0.684	0.938	0.886
Average Annual Severity Trend (10 yr)				+ 3.5%		
Average Annual Severity Trend (8 yr)				+ 5.4%		
Average Annual Severity Trend (6 yr)				+ 4.3%		
Selected Annual Severity Trend				+ 4.5%		

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

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

(See Section B - Explanation of Trend Calculation).

LOCAL PRODUCTS/COMPLETED OPERATIONS

FREQUENCY TREND
MULTISTATE

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

Bodily Injury and Property Damage Combined

(1) Accident Year <u>Ending</u>	(2) Aggregate Loss Costs at <u>Current Level</u>	(3) Occurrences at Ultimate ¹	(4) Occurrence Frequency <u>(3)/(2)²</u>
12/31/2005	\$ 263,801,627	7,217	27.36
12/31/2006	281,792,381	7,723	27.41
12/31/2007	281,008,214	7,678	27.32
12/31/2008	272,513,895	8,121	29.80
12/31/2009	260,718,485	8,145	31.24
12/31/2010	250,758,243	8,695	34.67
12/31/2011	252,148,652	8,334	33.05
12/31/2012	253,424,520	7,887	31.12
12/31/2013	255,938,198	7,534	29.44
12/31/2014	261,472,662	6,893	26.36
12/31/2015	270,738,295	6,705	24.77
12/31/2016	285,133,839	6,714	23.55
12/31/2017	297,471,141	6,484	21.80
12/31/2018	297,800,338	6,284	21.10

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:

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

K = The number of classes within the class group.

\bar{P}_i = The 5 year total Mono / Multi ALCCL for class i .

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

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

CLASS GROUPS AND CALCULATION OF PROPOSED CLASS LOSS COSTS

Explanatory Notes (Cont'd)

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

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

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

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

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

Note: \tilde{X} (X - tilde) is the 5 year Mono / Multi ALCCCL weighted class group experience ratio, where

$\tilde{X}_{\text{monoline}}$ (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 1.000 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 * .961 * 1.127

CLASS	AYE 2018 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	136399	778337	1.16995	.2309	1.016	1.024	1.109	10.2	0.049	0.054
10145	51384	500346	.47646	.1847	.879	.886	.960	0.0	0.010	0.010
10146	15565	220214	.66245	.1321	.930	.938	1.016	0.0	0.015	0.015
10352	31521	188072	.56361	.1256	.919	.926	1.003	0.0	0.070	0.070
11039	364074	1895071	1.01065	.3736	.985	.993	1.075	6.8	0.073	0.078
11258	22281	76825	.28525	.1024	.900	.907	.982	0.0	0.270	0.270
11259	103	1948	.00000	.0861	.887	.894	.968	-3.3	0.183	0.177
11288	74341	400280	1.02099	.1666	.979	.987	1.069	7.1	0.085	0.091
12374	289668	1275302	.96029	.3017	.967	.975	1.056	5.8	0.069	0.073
12375	148919	730975	.94732	.2234	.965	.973	1.054	6.4	0.047	0.050
13673	241468	1872355	1.31428	.3713	1.098	1.107	1.199	23.1	0.013	0.016
13720	22457	155637	.69308	.1190	.937	.945	1.023	1.7	0.058	0.059
14401	45637	203843	1.05317	.1288	.981	.989	1.071	7.0	0.114	0.122
15224	90504	542986	.76765	.1921	.931	.939	1.017	1.4	0.070	0.071
16900	619655	2400720	1.14807	.4222	1.045	1.053	1.140	13.7	0.117	0.133
16901	2081761	9558325	.99758	.7245	.990	.998	1.081	8.3	0.144	0.156
16902	113927	658861	.70561	.2117	.914	.921	.997	0.0	0.066	0.066
16905								13.7	0.117	0.133
16906								8.3	0.144	0.156
16910	2681050	13505756	.97740	.7862	.976	.984	1.066	6.0	0.067	0.071
16911	200951	926182	1.06307	.2534	.994	1.002	1.085	9.0	0.067	0.073
16915	80202	438194	.92683	.1736	.963	.971	1.052	5.3	0.057	0.060
16916	1072986	4551318	.97359	.5655	.972	.980	1.061	5.7	0.070	0.074
16920	11380	57625	1.50341	.0983	1.023	1.031	1.117	11.3	0.115	0.128
16921	1621	5691	.00000	.0870	.886	.893	.967	-3.8	0.052	0.050
16930	78862	266500	2.20282	.1412	1.144	1.153	1.249	24.9	0.173	0.216
16931	30756	117928	2.60070	.1111	1.151	1.160	1.256	25.0	0.072	0.090
16940	1106	3729	.00000	.0865	.886	.893	.967	-3.8	0.052	0.050
16941	26659	79022	.50612	.1029	.923	.930	1.007	0.9	0.114	0.115
18435	229992	1320539	1.30363	.3075	1.073	1.082	1.172	17.5	0.057	0.067
18436	22328	86674	.00000	.1045	.869	.876	.949	-5.2	0.193	0.183
18501	353196	2023582	.81842	.3867	.912	.919	.995	0.0	0.015	0.015
45900	68123	443032	.00137	.1744	.801	.807	.874	-11.9	0.059	0.052
49617	566350	1953941	1.28667	.3797	1.090	1.099	1.190	20.9	0.215	0.260
57001	18744	122672	3.02360	.1121	1.200	1.210	1.310	31.8	0.022	0.029

X-TILDE: 1.009 X-TILDE (MONOLINE): .992 PI-TILDE: .0049215
 TAU SQUARED: .03000 SIGMA SQUARED: 123671.51862

L - CAPPED DOWN
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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 * 1.034 * 1.127

CLASS	AYE 2018 MONO/MULTI ALCCL (1)	5 YEAR MONO/MULTI ALCCL (2)	5 YEAR MONO/MULTI EXPERIENCE RATIO (3)	CRED. (4)	FORMULA ER (5)	INDEX (6)	CHANGE FACTOR (7)	STATE- WIDE % CHANGE (8)	PRESENT STATEWIDE OCCUR (9)	PROPOSED STATEWIDE OCCUR (10)
10026	5990	38425	.00000	.0655	.966	.868	1.011	0.0	0.020	0.020
10042	1738661	6251219	1.18312	.6002	1.123	1.009	1.176	17.4	0.460	0.540
10060	3357	15398	.00000	.0608	.971	.872	1.016	1.2	0.081	0.082
10065	17250	122607	1.53780	.0821	1.075	.966	1.126	12.5	0.032	0.036
10066	3588	15251	.00000	.0608	.971	.872	1.016	1.6	0.064	0.065
10071	504520	2935587	1.11447	.4245	1.068	.960	1.119	12.0	0.092	0.103
10073	11276828	44288461	1.14398	.9112	1.134	1.019	1.187	18.2	0.550	0.650
10075	1010	7423	.73515	.0592	1.016	.913	1.064	6.1	0.179	0.190
10107	44767	290896	2.33059	.1137	1.181	1.061	1.236	22.3	0.229	0.280
10115	56023	338952	.69302	.1223	.992	.891	1.038	4.0	0.075	0.078
10309	14725	172799	.15275	.0918	.953	.856	.998	0.0	0.018	0.018
11020	7481	42692	.75579	.0663	1.015	.912	1.063	6.4	0.187	0.199
11127	94330	462700	.96176	.1437	1.023	.919	1.071	11.1	0.009	0.010
11128	40934	190949	1.11939	.0952	1.042	.936	1.091	8.9	0.079	0.086
11204	11693	58044	.04037	.0694	.965	.867	1.010	1.2	1.670	1.690
11234	27867	150836	.26117	.0876	.966	.868	1.011	1.6	0.061	0.062
12014	22259	166956	.12113	.0907	.951	.854	.995	0.0	0.038	0.038
12356	7456	48728	1.06216	.0676	1.036	.931	1.085	6.9	0.029	0.031
12510	8089	37727	.00000	.0653	.966	.868	1.011	0.0	0.030	0.030
12805	848327	4832791	1.05672	.5402	1.046	.940	1.095	9.3	0.118	0.129
13351	617299	4180382	1.38008	.5060	1.209	1.086	1.266	26.3	0.038	0.048
13352	6191	19657	.00000	.0617	.970	.872	1.016	2.0	0.050	0.051
13506	105385	468289	.62822	.1447	.975	.876	1.021	2.5	0.079	0.081
13507	56227	269701	.00792	.1098	.921	.827	.964	-3.7	0.191	0.184
13716	661681	3552476	.88781	.4680	.965	.867	1.010	0.8	0.122	0.123
13759	22178	143685	.01387	.0862	.946	.850	.991	-0.7	0.152	0.151
14101	10528	80358	1.65125	.0739	1.079	.969	1.129	12.5	0.040	0.045
14279	112117	566363	1.01257	.1609	1.030	.925	1.078	7.7	0.065	0.070
14913	75312	328298	1.53801	.1204	1.094	.983	1.146	14.7	0.163	0.187
15538	11660	118019	.05772	.0812	.955	.858	1.000	0.0	0.017	0.017
15600	5591	40538	.44958	.0659	.995	.894	1.042	4.2	0.095	0.099
15608	939	4815	.00000	.0587	.973	.874	1.018	0.0	0.011	0.011
15839	30051	182552	.82123	.0936	1.014	.911	1.062	7.1	0.028	0.030
15991	37255	218293	.63096	.1003	.993	.892	1.039	3.8	0.078	0.081
15993	5436	34360	.44290	.0647	.996	.895	1.043	3.8	0.053	0.055
16403	70810	390324	2.71871	.1313	1.255	1.128	1.314	31.4	0.140	0.184
16676	1176	6240	.00000	.0590	.973	.874	1.018	0.0	0.014	0.014

X-TILDE: 1.124 X-TILDE (MONOLINE): 1.113 PI-TILDE: .0025715
 TAU SQUARED: .03415 SIGMA SQUARED: 157296.23342

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 * 1.034 * 1.127

CLASS	AYE 2018 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	78361	667877	.05932	.1770	.861	.774	.902	-9.6	0.146	0.132
18109	494	2288	.00000	.0582	.974	.875	1.020	2.9	0.035	0.036
18110	44734	294297	1.40566	.1143	1.076	.967	1.127	13.5	0.037	0.042
18206	363831	2502468	1.30811	.3894	1.141	1.025	1.194	19.8	0.101	0.121
18335	7668	53268	.11868	.0685	.971	.872	1.016	0.0	0.017	0.017
18506	24	288	.00000	.0578	.974	.875	1.020	0.0	0.006	0.006
18507	1330	8667	.00000	.0595	.972	.873	1.017	0.0	0.009	0.009
18708	9499	47282	11.57011	.0673	1.743	1.566	1.825	33.3	0.015	0.020 U
18834	6604	35778	.00000	.0650	.967	.869	1.013	1.6	0.124	0.126
18911	4283	33285	.39583	.0645	.993	.892	1.039	5.6	0.018	0.019
18912	1325	6229	1.13293	.0590	1.040	.934	1.088	8.8	0.034	0.037
18920	376	6337	.34780	.0590	.993	.892	1.039	5.3	0.019	0.020
45819	437621	3173633	1.00352	.4421	1.020	.916	1.067	6.1	0.049	0.052
49618	576	1954	3.33163	.0581	1.167	1.049	1.222	22.4	0.067	0.082
49619	208766	1050425	1.13938	.2327	1.058	.951	1.108	10.8	0.111	0.123

X-TILDE: 1.124 X-TILDE (MONOLINE): 1.113 PI-TILDE: .0025715
 TAU SQUARED: .03415 SIGMA SQUARED: 157296.23342

L - CAPPED DOWN
 U - CAPPED UP
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LOSS COST % CHANGE BY CLASS

SUBLINE: LOCAL PRODUCTS/COMPLETED OPERATIONS

CLASS GROUP: 11

NUMBER OF YEARS OF DATA USED: 5

CHANGE FACTOR = INDEX * CG REL * SWRL USED = INDEX * 1.021 * 1.127

CLASS	AYE 2018 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	.961	1.000	1.151	13.6	0.590	0.670
92054	0	15	.00000	.1250	.841	.842	.969	-5.0	0.260	0.247
92055	270	2730	.00000	.1254	.840	.841	.968	-3.6	0.280	0.270
95124	589073	3837022	1.31489	.4453	1.118	1.119	1.288	26.9	0.670	0.850
98303	122732	378776	.26075	.1722	.840	.841	.968	-4.3	9.760	9.340
98304	3100648	11827672	.93529	.6853	.943	.944	1.086	7.5	4.160	4.470
98305	3357572	12416059	1.15103	.6950	1.093	1.094	1.259	24.1	1.910	2.370
98306	13557	64236	.74545	.1334	.932	.933	1.074	6.5	1.080	1.150
98307	2890	9782	.20272	.1263	.865	.866	.996	-1.6	0.630	0.620
98308	475993	2155913	1.73092	.3394	1.222	1.223	1.407	35.1	0.970	1.310 U
98309	44343	125760	.05991	.1413	.833	.834	.960	-5.0	3.020	2.870
98344	56503	262216	1.64239	.1582	1.069	1.070	1.231	21.4	0.700	0.850
98449	3027644	10783308	1.04448	.6664	1.017	1.018	1.171	15.6	29.500	34.100
98805	255983	999074	1.25945	.2394	1.032	1.033	1.189	17.6	1.420	1.670
98813	590311	2235196	.41231	.3453	.771	.772	.888	-12.5	2.730	2.390
98967	1778961	5807294	1.50294	.5331	1.250	1.251	1.439	35.5	10.700	14.500 U
99003	62082	204705	1.00829	.1512	.968	.969	1.115	10.3	1.840	2.030
99826	29662	142725	1.73949	.1434	1.072	1.073	1.235	21.1	0.570	0.690
99827	92326	462822	.44038	.1820	.866	.867	.998	-1.6	0.640	0.630
99948	3751611	12481879	.88167	.6960	.906	.907	1.044	3.3	33.300	34.400
99952	682587	1869528	.84155	.3171	.923	.924	1.063	4.9	24.300	25.500
99953	256256	965928	1.32011	.2361	1.046	1.047	1.205	18.7	12.800	15.200
99954	271759	923839	.57992	.2318	.872	.873	1.005	-0.7	13.900	13.800
99955	1072145	4094728	.55872	.4586	.776	.777	.894	-11.6	10.500	9.280

X-TILDE: 1.026 X-TILDE (MONOLINE): .999 PI-TILDE: .0073548
TAU SQUARED: .03000 SIGMA SQUARED: 199329.19538

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

LOSS COST % CHANGE BY CLASS

SUBLINE: LOCAL PRODUCTS/COMPLETED OPERATIONS

CLASS GROUP: 12

NUMBER OF YEARS OF DATA USED: 5

CHANGE FACTOR = INDEX * CG REL * SWRL USED = INDEX * 1.002 * 1.127

CLASS	AYE 2018 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	2348710	10797684	.86652	.5064	.922	.949	1.072	5.9	7.250	7.680
91150	1207026	4763191	1.05085	.3260	1.003	1.032	1.165	15.0	6.380	7.340
91155	6556256	19798315	1.11665	.6473	1.068	1.099	1.241	22.5	44.800	54.900
91340	32040255	104076239	.90174	.9039	.909	.935	1.056	4.1	12.100	12.600
91341	12033682	42335204	1.06574	.7943	1.048	1.078	1.217	20.2	5.390	6.480
91342	14633866	50840297	.87796	.8222	.896	.922	1.041	2.8	4.590	4.720
91343	396702	1849031	1.25326	.1815	1.029	1.059	1.196	18.2	1.540	1.820
91436	287190	1250635	.96526	.1438	.977	1.005	1.135	12.0	2.660	2.980
91507	48863	205081	.02892	.0689	.914	.940	1.061	4.9	4.290	4.500
91551	871021	3772549	1.22101	.2830	1.048	1.078	1.217	20.8	0.720	0.870
91555	141459	708543	.52306	.1065	.931	.958	1.082	6.9	1.160	1.240
91560	16934185	61345677	.85713	.8478	.876	.901	1.017	0.4	5.490	5.510
91577	2113631	7477817	1.18865	.4212	1.067	1.098	1.240	22.4	3.390	4.150
91746	2833373	13383932	1.07418	.5572	1.032	1.062	1.199	18.5	4.800	5.690
92101	739635	2904688	1.22461	.2405	1.038	1.068	1.206	19.1	3.290	3.920
92102	557081	2456630	1.64648	.2165	1.124	1.156	1.305	28.9	3.570	4.600
92215	11543275	42781139	.90245	.7959	.918	.944	1.066	5.3	3.970	4.180
92338	5276775	18447686	1.21185	.6315	1.126	1.158	1.308	29.4	2.180	2.820
92446	561845	1413073	.38916	.1544	.888	.914	1.032	1.9	2.130	2.170
92447	57772	237068	.94077	.0714	.976	1.004	1.134	11.8	1.860	2.080
92451	2685008	12629490	1.00788	.5435	.995	1.024	1.156	14.3	2.300	2.630
92478	19168754	79965152	.88722	.8787	.898	.924	1.043	2.9	2.100	2.160
94007	13151714	41159561	.94971	.7897	.956	.984	1.111	9.8	6.750	7.410
94276	1940588	8018380	.89214	.4370	.941	.968	1.093	8.1	5.570	6.020
94569	2844777	12374307	1.10419	.5387	1.047	1.077	1.216	20.2	4.060	4.880
95410	8021636	32029820	.87527	.7458	.902	.928	1.048	3.7	3.520	3.650
95455	336561	2390488	.18138	.2129	.809	.832	.940	-7.3	1.780	1.650
95505	90046	437365	1.62394	.0866	1.035	1.065	1.203	18.9	2.440	2.900
95625	1627960	5722488	1.20868	.3630	1.062	1.093	1.234	21.8	3.990	4.860
95647	26301637	124924344	1.05818	.9186	1.052	1.082	1.222	20.8	5.630	6.800
96053	642863	2200468	1.04293	.2021	.992	1.021	1.153	13.8	5.490	6.250
96410	1982362	7300347	.95555	.4158	.969	.997	1.126	12.0	10.800	12.100
96611	359055	1300384	.45315	.1471	.902	.928	1.048	3.6	1.930	2.000
97447	8543546	31836485	1.14969	.7447	1.106	1.138	1.285	26.9	5.310	6.740
97650	497879	1809657	.94485	.1791	.973	1.001	1.130	11.6	4.550	5.080
97651	405484	1427407	.74983	.1553	.944	.971	1.097	8.4	4.620	5.010
97652	48852	225743	.86747	.0705	.971	.999	1.128	11.5	4.710	5.250

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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 * 1.002 * 1.127

CLASS	AYE 2018 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	974358	3366738	1.09313	.2637	1.009	1.038	1.172	15.8	3.350	3.880
97654	89434	375525	.64035	.0820	.951	.978	1.104	9.3	3.330	3.640
97655	1930966	6479959	1.02993	.3895	.999	1.028	1.161	14.8	5.890	6.760
98002	14338	96701	.00000	.0604	.920	.947	1.069	6.0	1.170	1.240
98482	27618754	101923682	.97286	.9021	.973	1.001	1.130	11.7	8.380	9.360
98483	34888081	124355014	1.01068	.9183	1.008	1.037	1.171	15.7	22.900	26.500
98502	456446	1594169	.96036	.1659	.976	1.004	1.134	12.2	4.670	5.240
98636	2278256	9268415	.73065	.4705	.862	.887	1.002	-0.9	4.290	4.250
98677	5589125	20623918	.92242	.6563	.942	.969	1.094	8.0	12.500	13.500
98678	4067321	12463154	1.06490	.5404	1.026	1.056	1.192	17.5	18.300	21.500
98806	677420	3101854	1.04928	.2506	.997	1.026	1.159	14.6	3.710	4.250
98820	4211682	15672931	.89735	.5942	.931	.958	1.082	6.7	4.300	4.590
98884	2380392	9632439	1.26532	.4795	1.116	1.148	1.296	28.2	2.020	2.590
99004	44164	157342	.08413	.0652	.921	.948	1.071	5.7	2.090	2.210
99080	1623497	5395782	.56172	.3509	.833	.857	.968	-4.5	11.100	10.600
99315	1231044	4952031	1.56135	.3336	1.173	1.207	1.363	35.0	2.000	2.700
99321	2795751	10822988	.82078	.5070	.899	.925	1.045	3.3	3.040	3.140
99613	1483642	5926111	.85025	.3704	.931	.958	1.082	7.1	2.660	2.850
99650	534091	2545885	1.11164	.2214	1.009	1.038	1.172	15.7	1.080	1.250
99746	3647901	15150902	1.00259	.5863	.993	1.022	1.154	14.0	3.430	3.910

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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 * .950 * 1.127

CLASS	AYE 2018 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	71518	139737	.07266	.1489	.728	.855	.915	-9.5	2.940	2.660
91127	1097075	4773007	.73729	.6226	.777	.913	.978	-3.6	1.650	1.590
91235	633977	3041552	.95348	.5234	.901	1.059	1.134	11.8	3.390	3.790
91265	33303	110476	.00758	.1421	.724	.851	.911	-9.9	3.820	3.440
91266	209196	821298	1.53450	.2815	1.038	1.220	1.306	28.6	0.980	1.260
91280	9368	54840	2.57788	.1288	1.067	1.254	1.343	32.8	2.960	3.930
94381	2511229	7622279	.87397	.7188	.865	1.016	1.088	7.8	16.700	18.000
94404	142053	371631	.59514	.1992	.794	.933	.999	-1.4	6.490	6.400
95310	538258	2090369	.38011	.4431	.638	.750	.803	-20.6	1.750	1.390
96408	1505250	5288069	1.11838	.6446	1.021	1.200	1.285	26.7	13.500	17.100
96409	2761873	10621976	.78569	.7783	.798	.938	1.004	-0.7	14.500	14.400
97221	662777	3863495	1.03719	.5763	.955	1.122	1.201	18.2	1.100	1.300
97222	4523497	19953952	.73614	.8663	.750	.881	.943	-6.8	2.360	2.200
97223	3796560	15723791	1.06701	.8370	1.031	1.212	1.298	28.4	4.020	5.160
98152	501655	2652442	1.40336	.4936	1.120	1.316	1.409	35.5	0.620	0.840 U
98157	68923	376387	1.24115	.2001	.923	1.085	1.162	13.3	0.450	0.510
98163	2773	5068	.00000	.1166	.745	.875	.937	-7.3	0.260	0.241
98164	7551	99458	.00000	.1395	.726	.853	.913	-9.3	0.086	0.078
98659	244	1621	.00000	.1158	.746	.877	.939	-8.3	0.480	0.440
98914	733	3472	.00000	.1162	.745	.875	.937	-7.0	0.710	0.660
98949	5495	17554	.00000	.1197	.742	.872	.934	-7.1	0.420	0.390
98993	1676368	7739452	.65662	.7217	.709	.833	.892	-11.9	5.800	5.110
99163	9230	9273	.00000	.1177	.744	.874	.936	-8.6	0.580	0.530
99803	7490	54745	1.64638	.1288	.947	1.113	1.192	17.4	12.100	14.200
99946	3648979	14962218	.76881	.8303	.781	.918	.983	-2.8	3.530	3.430
99969	1074419	3713724	.95875	.5675	.909	1.068	1.143	12.9	3.480	3.930

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SECTION H
CONSIDERATION OF COVID-19
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IMPACT OF COVID-19 ON GENERAL LIABILITY LOSS COSTS

INTRODUCTION

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

ISO General Liability basic limit loss cost level changes are based on historical aggregate losses and loss adjustment expenses adjusted through development to their ultimate value and projected through trending to a future point in time. The historical statistical data included in this filing is from a period where COVID-19 was not known to be present in the United States.

In anticipation of long-term behavioral, social and economic changes as a result of COVID-19, it is expected, based on the information currently available, that those changes will have a material impact on prospective loss costs for certain risks. To reflect these changes, judgmentally selected adjustment factors have been applied to the loss costs of several classes.

LOSS COST ADJUSTMENTS GENERAL LIABILITY

For General Liability, all manually rated classes were reviewed to determine how future economic conditions and changes in behavior could potentially impact the loss experience. The bulk of General Liability classes have economically sensitive exposure bases, including exposure bases gross sales and payroll. These economically sensitive exposure bases will generally adjust to new economic conditions and classes with these bases are not expected to have significant changes in loss potential per exposure. However, there are classes that use exposure bases that are not economically sensitive and would not necessarily be responsive to sudden changes. Classes with exposure bases that are not economically sensitive were reviewed for a potential loss cost adjustment.

The individual classes that use square feet as an exposure base were further examined to determine which may be impacted by long-term behavioral, social and economic changes. The new, large scale work from home policies put in place due to social distancing guidelines has the potential to become a long-lasting change in behavior. Companies may utilize their physical spaces differently than in the past. There will likely be more work from home options and more emphasis on digital solutions to replace physical, in-person meetings. Additionally, it will take time for companies to decrease their physical office footprint to reflect this new environment. With fewer workers, vendors, clients, and other outside visitors present in commercial buildings, there is an expected decrease in occurrences relative to the fixed exposure base of thousands of square feet for certain classes.

LOSS COST
ADJUSTMENTS
GENERAL LIABILITY
(Cont'd)

Nine classifications are being adjusted for this expected decrease in occurrence frequency. The classifications are OL&T classifications within Premises/Operations Class Group 12 – Building and Offices. These classes are for risks that are primarily an office environment and are expected to be impacted by changes in the office work environment. The varying adjustments, -5% or -10%, reflects the expected decrease in foot traffic for the individual classes listed. The adjustment is a decrease to the revised Premises/Operations loss costs after application of all loss cost changes including any relativity changes and reflecting any capping and build back factors.

In Section A, the impact of adjusting these classes will be reflected in the filed loss costs and in the class group, subtitle, and overall loss cost level changes.

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

OREGON GL-2020-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 The statewide advisory loss cost level changes are:
LEVEL CHANGES

<u>SUBLINE</u>	<u>INDICATED</u>	<u>SELECTED</u>	<u>ADJUSTED</u>
M&C	+ 7.8%	+ 5.0%	+ 5.0%
OL&T	+ 8.6%	+ 8.6%	+ 7.5%
Premises/Operations	+ 8.2%	+ 6.8%	+ 6.2%
Products	- 1.6%	- 1.6%	- 1.6%
Local Products/Completed Operations	+12.7%	+12.7%	+12.7%
Products/Completed Operations	+10.4%	+10.4%	+10.4%
GL Overall	+ 8.9%	+ 7.9%	+ 7.5%

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

HISTORICAL
SOURCE DATA

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

ISO reporting companies' voluntary experience.

Fiscal - accident year data through year ended 6/30/2019 for Premises/Operations.

Calendar - accident year data through year ended 12/31/2018 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) decreased by an average of 11.1%, 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 4.3% decrease in ALCCL;
- Implemented loss cost level change (- 7.6%);
- A change in exposure trend plus an additional year of trending (- 1.1%);
- The effect on ALCCL due to a change in average IPMFs (+ 1.6%).

The Basic Limit Experience Ratios (BLERs) increased in 2015 (+17.6%), 2017 (+27.9%) and 2018 (+39.1%). This is mainly due to unfavorable experience across several class groups.

Owners, Landlords and Tenants

The Aggregate Loss Costs at Current Level (ALCCL) increased by an average of 9.1%, 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 5.0% decrease in ALCCL;
- Implemented loss cost level change (+ 10.2%);
- A change in exposure trend plus an additional year of trending (+ 0.2%);
- The effect on ALCCL due to a change in average IPMFs (+ 4.3%).

The BLER increased in 2015 (+0.4%). This is mainly due to unfavorable experience across several class groups. The BLER decreased in 2018 (-21.8%). This is mainly due to favorable experience across several class groups.

Products

Multistate ALCCL decreased by an average of 21.7% 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 12.3% decrease in ALCCL;
- Implemented an average loss cost level change of approximately -10.8% in most states;
- A change in exposure trend plus an additional year of trending of -0.8%;
- The effect on ALCCL due to a change in average IPMFs (-0.5%).

The BLERs changed due to the various effects listed above.

CALL TO CALL
COMPARISON
(Cont'd)

Local Products/
Completed Ops

Multistate ALCCL decreased by an average of 1.3% 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 3.4% decrease in ALCCL;
- Implemented an average loss cost level change of approximately -0.6% in most states;
- A change in exposure trend plus an additional year of trending of +1.6%;
- The effect on ALCCL due to a change in average IPMFs (+0.9%).

The BLERs changed due to the various effects listed above.

LATEST CALL
YEAR TO YEAR
COMPARISON

Manufacturers and
Contractors

The ALCCL increased steadily from 2015 to 2019.

The high BLERs for 2015 (1.109), 2018 (1.178) and 2019 (1.310) are attributable to unfavorable experience in several class groups.

Owners, Landlords
and Tenants

The ALCCL increased steadily from 2015 to 2019.

The high BLERs for 2017 (1.117) and 2019 (1.274) are attributable to unfavorable experience in several class groups.

Products

The ALCCL increased steadily from 2014 to 2018.

The BLER decreased from 2014 to 2015, increased in 2016 and then decreased thereafter.

Local Products/
Completed Ops

The ALCCL increased steadily from 2014 to 2018.

The BLER increased from 2014 to 2015, decreased until 2017 and then increased thereafter.

LOSS
DEVELOPMENT
FACTOR
COMPARISON

Manufacturers and
Contractors

The BI indemnity loss development factors for the 2020 review remained stable compared to those in the 2019 review, except for the 15 and 27 months-to-ultimate factors which increased by 13.9% and 12.8% respectively. This can largely be attributed to a higher 27-to-39 months state link ratio. The PD indemnity loss development factors for the 2020 review remained stable compared to those in the 2019 review.

The multistate full coverage BI Indemnity factors have increased compared to those in the 2019 review. The multistate full coverage PD Indemnity factors remained stable compared to those in the 2019 review.

The multistate deductible coverage BI indemnity factors remained stable compared to the 2019 review. The multistate deductible coverage PD indemnity factors have decreased compared to the 2019 review.

The multistate Fringe indemnity factors have increased compared to the 2019 review.

Owners, Landlords
and Tenants

The BI indemnity loss development factors for the 2020 review remained stable compared to those in the 2019 review, except for the 15 months-to-ultimate factor which increased by 13.7%. This can largely be attributed to a higher 15-to-27 months state link ratio. The PD indemnity loss development factors for the 2020 review remained stable compared to those in the 2019 review.

The multistate full coverage BI Indemnity factors have increased compared to those in the 2019 review. The multistate full coverage PD Indemnity factors remained stable compared to those in the 2019 review.

The multistate deductible coverage BI and PD Indemnity factors remained stable compared to the 2019 review.

The multistate Fringe indemnity factors have decreased compared to the 2019 review.

Products

The multistate full coverage BI and PD indemnity development factors for the 2020 review have increased compared to those in the 2019 review.

The multistate deductible coverage BI indemnity development factors have increased compared to the 2019 review. The multistate deductible coverage PD indemnity development factors remained stable compared to the 2019 review.

LOSS
DEVELOPMENT
FACTOR
COMPARISON
(Cont'd)

Local Products/
Completed Ops

For Local Products, the multistate full coverage BI indemnity development factors in this review remained stable compared to those in the 2019 review. The multistate full coverage PD indemnity development factors in this review have decreased compared to those in the 2019 review. The multistate deductible coverage BI indemnity development factors have decreased compared to the 2019 review. The multistate deductible coverage PD indemnity development factors have increased compared to the 2019 review.

For Completed Operations, the full coverage BI indemnity loss development factors for the 2020 review remained stable compared to those in the 2019 review. The full coverage PD indemnity loss development factors for the 2020 review remained stable compared to those in the 2019 review, except for the 15, 27 and 39 months-to-ultimate factors which increased by 36.9%, 28.3% and 17.3% respectively. This can largely be attributed to higher 15-to-27, 27-to-39 and 39-to-51 months state link ratios.

The Completed Operations multistate full coverage BI indemnity factors have decreased compared to those in the 2019 review. The multistate full coverage PD indemnity factors have increased compared to those in the 2019 review. The multistate deductible coverage BI indemnity factors have increased compared to those in the 2019 review. The multistate deductible coverage PD indemnity factors have decreased compared to those in the 2019 review.

One might expect PD 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%, down from +0.5% in the previous Fiscal review.

Owners, Landlords
and Tenants

The BI severity trend selection is +4.0%, up from +3.5% in the previous Fiscal review.

The PD severity trend selection is +5.0%, up from +4.5% in the previous Fiscal review.

The Fringe severity selection is +1.0%, down from +1.5% in the previous Fiscal review.

Products

The BI severity trend selection is +3.0%, up from +2.5% in the previous review.

The PD severity trend selection is +6.0%, down from +6.5% in the previous review.

Local Products/
Completed Ops

The BI severity trend selection is +4.0%, up from +2.5% 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.
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Owners, Landlords and Tenants	The latest frequency point is lower than the prior point.
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Products	The latest frequency point is lower than the prior point.
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Local Products/Completed Ops	The latest frequency point is lower than the prior point.
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EXPOSURE
TREND
COMPARISON

Manufacturers and Contractors	The exposure trend factors for Manufacturers are lower than that used in the previous review for all three years. The exposure trend factors for Contractors are lower than that used in the previous review for all three years
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Owners, Landlords and Tenants	The exposure trend factors for Class Groups 1-13 are lower than those used in the previous review for all three years. The exposure trend factors for Class Group 16 are lower than that used in the previous review for all three years
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Products	The exposure trend factors are lower than that used in the previous review for all three years.
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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.
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WEIGHTED AVERAGE IMPLICIT PACKAGE MODIFICATION FACTOR (IPMF) COMPARISON	Manufacturers and Contractors	The current weighted average IPMF is 0.928. In the 2019 review the weighted average IPMF was 0.903.
	Owners, Landlords and Tenants	The current weighted average IPMF is 0.917. In the 2019 review the weighted average IPMF was 0.867.
	Products	The current multistate weighted average IPMF is 0.859. In the 2019 review the multistate weighted average IPMF was 0.856.
	Local Products/ Completed Ops	The current multistate weighted average IPMF is 0.991. In the Group 3, 2019 review the multistate weighted average IPMF was 0.977.

The IPMF's are applied to the multiline ALCCL.

CLASS GROUP/ TERRITORY/ STATE RELATIVE CHANGE	The class group relative changes for Manufacturers and Contractors vary within reasonable limits.
	The class group and territory relative changes for Owners, Landlords and Tenants vary within reasonable limits.
	For Local Products, Oregon's state balanced relative change (1.030) ranks 16th highest overall. In last year's review, Oregon's state balanced relative change (0.979) ranked 33rd highest overall.

CHANGE IN COMPANY MIX SINCE LAST CALL	For Manufacturers and Contractors the change in company mix results in an average decrease of 4.3% in the total statewide ALCCL.
	For Owners, Landlords and Tenants, the change in company mix results in an average decrease of 5.0% in the total statewide ALCCL.
	For Products, the change in company mix results in a 12.3% decrease in the total multistate ALCCL.
	For Local Products/Completed Operations, the change in company mix results in a 3.4% decrease in the total multistate ALCCL.

\$100,000/200,000 BASIC LIMIT OCCURRENCE Premises/Operations (Prem/Ops) (Subline Code 334) Territory 501 Products/Completed Operations (Prod/Cops) (Subline Code 336) Entire State Territory 999											
Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops
10010	.116	.195	10205	.191	—	11210	2.29	—	13207	(a)	(a)
10015	5.74	—	10220	3.60	—	11211	11.90	—	13208	(a)	(a)
10020	(a)	(a)	10255	.24	.147	11212	1.80	—	13314	.092	.016
10026	.49	.02	10256	.88	.152	11213	1.47	—	13351	.223	.048
10036	.65	(a)	10257	.165	.169	11214	3.62	—	13352	.227	.051
10040	.089	.30	10309	.124	.018	11222	.061	—	13410	1.38	2.99
10042	.28	.54	10315	.29	(a)	11234	.215	.062	13411	(a)	(a)
10052	3.97	—	10331	7.78	—	11248	.046	.018	13412	.46	1.14
10054	3.52	—	10332	13.40	—	11258	.58	.27	13453	.54	(a)
10060	.135	.082	10352	.28	.07	11259	.62	.177	13454	.63	(a)
10065	.203	.036	10367	3.07	—	11273	10.70	—	13455	.64	(a)
10066	.207	.065	10368	4.48	—	11274	10.20	—	13461	(a)	(a)
10070	.067	.154	10375	(a)	—	11288	.71	.091	13506	.70	.081
10071	.243	.103	10378	7.88	—	12014	.098	.038	13507	.84	.184
10072	3.47	—	10379	3.66	—	12356	.90	.031	13590	.47	.74
10073	1.01	.65	10380	6.25	—	12361	.072	.077	13621	.12	.32
10075	7.47	.19	10381	5.41	—	12362	.073	(a)	13670	.04	.015
10100	.48	.054	11007	1.30	—	12373	.028	.024	13673	.44	.016
10101	.183	.181	11020	.231	.199	12374	.47	.073	13715	.073	.165
10105	1.98	—	11039	.87	.078	12375	.231	.05	13716	.35	.123
10107	3.08	.28	11052	3.70	—	12391	.055	.082	13720	.247	.059
10110	19.50	—	11101	(a)	(a)	12393	.31	(a)	13759	.135	.151
10111	.146	.078	11120	(a)	—	12467	.128	(a)	13930	.156	.201
10113	.27	—	11126	.048	.022	12509	.06	.036	14068	.03	.014
10115	.55	.078	11127	.37	.01	12510	.76	.03	14101	.35	.045
10117	5.70	—	11128	.50	.086	12583	.34	(a)	14279	.46	.07
10119	(a)	—	11138	1.95	—	12651	.98	.53	14401	.58	.122
10120	12.80	—	11155	.163	—	12683	.45	(a)	14405	.77	—
10130	2.71	—	11160	(a)	(a)	12707	.48	.64	14527	.30	.189
10132	2.33	—	11167	.85	—	12797	.101	.196	14655	.068	—
10133	3.55	—	11168	4.42	—	12805	.247	.129	14731	3.67	—
10135	(a)	—	11201	11.40	—	12841	.41	—	14732	.27	—
10140	.033	.021	11202	3.38	—	12927	.072	—	14733	.47	—
10141	.066	.023	11203	.86	.52	13049	.037	.057	14734	.203	—
10145	.32	.01	11204	.239	1.69	13111	.54	.093	14855	.211	.154
10146	.214	.015	11205	(a)	—	13112	.061	.063	14913	.26	.187
10150	.38	(a)	11206	.53	—	13201	.87	.16	15060	(a)	(a)
10151	9.53	—	11207	6.69	—	13204	.98	1.45	15061	(a)	(a)
10160	1.70	—	11208	1.15	—	13205	.38	.46	15062	.189	(a)
10204	.171	—	11209	5.38	—	13206	(a)	(a)	15063	.22	(a)

DIVISION SIX

PREM/OPS TERR. 501

GENERAL LIABILITY

PROD/COPS

LOSS COST PAGES

\$100,000/200,000 BASIC LIMIT OCCURRENCE Premises/Operations (Prem/Ops) (Subline Code 334) Territory 501 Products/Completed Operations (Prod/Cops) (Subline Code 336) Entire State Territory 999											
Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops
15070	.103	—	16750	.08	.032	18707	.011	.004	40117	(a)	—
15119	(a)	—	16751	.08	—	18708	.088	.02	40140	(a)	—
15120	(a)	—	16819	1.15	(a)	18833	.131	(a)	41001	.214	—
15123	3.55	—	16820	.89	(a)	18834	.227	.126	41210	(a)	—
15124	1.24	—	16881	1.25	(a)	18911	.72	.019	41421	.39	—
15188	.33	(a)	16890	.134	(a)	18912	1.35	.037	41422	.21	—
15223	.048	.041	16891	.146	(a)	18920	.35	.02	41510	36.10	—
15224	.26	.071	16892	.27	(a)	18991	(a)	—	41603	18.60	—
15300	(a)	—	16900	2.45	.133	19007	1.39	—	41604	10.20	—
15314	.163	(a)	16901	1.57	.156	19051	3.07	—	41620	.96	—
15404	.086	(a)	16902	1.33	.066	19061	(a)	—	41650	26.20	—
15405	.127	(a)	16905	2.58	.133	19795	.235	(a)	41664	27.10	—
15406	.32	.048	16906	1.65	.156	19796	.27	—	41665	3.17	—
15488	.81	(a)	16910	1.47	.071	40005	(a)	—	41666	(a)	—
15538	.29	.017	16911	1.33	.073	40006	(a)	—	41667	74.00	—
15600	.73	.099	16915	1.51	.06	40010	(a)	—	41668	69.40	—
15607	.134	—	16916	1.26	.074	40015	(a)	—	41669	.49	—
15608	.163	.011	16920	3.34	.128	40020	(a)	—	41670	.82	—
15656	4.83	—	16921	3.05	.05	40026	(a)	—	41672	(a)	—
15699	.33	—	16930	1.92	.216	40031	(a)	—	41673	(a)	—
15733	.211	.037	16931	2.07	.09	40032	(a)	—	41675	(a)	—
15839	.219	.03	16940	4.17	.05	40040	(a)	—	41677	.196	—
15991	.179	.081	16941	1.67	.115	40041	(a)	—	41678	68.30	—
15993	.151	.055	18078	.132	.132	40042	(a)	—	41679	(a)	(a)
16005	.039	.034	18109	.30	.036	40045	179.00	—	41680	13.60	—
16009	.26	.094	18110	.239	.042	40046	35.40	—	41696	.62	—
16402	1.08	—	18200	(a)	—	40047	12.60	—	41697	.43	—
16403	.69	.184	18205	.204	.35	40059	4.51	—	41700	(a)	—
16404	.86	—	18206	.39	.121	40061	2.39	—	41715	8.64	—
16471	.19	—	18335	.28	.017	40063	80.10	—	41716	5.50	—
16501	.082	(a)	18435	.51	.067	40064	23.50	—	43007	(a)	—
16527	.126	.35	18436	.41	.183	40066	(a)	—	43117	(a)	—
16588	.12	(a)	18437	.40	(a)	40067	(a)	—	43151	22.60	—
16604	.201	.146	18438	.77	(a)	40069	(a)	—	43152	20.40	—
16670	3.23	—	18501	.47	.015	40072	(a)	—	43200	85.90	—
16676	.227	.014	18506	.42	.006	40075	45.40	—	43215	(a)	—
16694	.40	(a)	18507	.143	.009	40101	11.20	—	43421	23.50	—
16705	.233	.148	18570	1.50	—	40102	9.89	—	43422	124.00	—
16722	(a)	—	18575	(a)	(a)	40111	6.34	—	43424	(a)	—
16723	(a)	—	18616	.32	.59	40115	(a)	—	43470	3.64	—

\$100,000/200,000 BASIC LIMIT OCCURRENCE Premises/Operations (Prem/Ops) (Subline Code 334) Territory 501 Products/Completed Operations (Prod/Cops) (Subline Code 336) Entire State Territory 999											
Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops
43517	(a)	—	44277	74.70	—	46004	24.90	—	47471	3.41	—
43518	11.60	—	44280	.196	—	46005	19.90	—	47473	4.45	—
43550	84.00	—	44311	5.99	—	46112	.044	—	47474	4.98	—
43551	46.60	—	44315	4.03	—	46202	3.49	—	47475	3.93	—
43626	9.28	—	44427	40.50	—	46362	238.00	—	47476	3.93	—
43628	121.00	—	44428	40.70	—	46426	34.80	—	47477	5.24	—
43629	102.00	—	44429	.61	—	46427	46.50	—	47478	5.50	—
43754	(a)	—	44430	.42	—	46510	(a)	—	47600	(a)	—
43760	3.40	—	44431	1.36	—	46590	(a)	—	47610	(a)	—
43822	2.86	—	44432	.43	—	46603	2.92	—	48039	60.90	—
43840	.036	—	44433	13.70	—	46604	3.37	—	48177	(a)	—
43860	2.28	—	44434	26.20	—	46606	8.98	—	48178	(a)	—
43889	.81	—	44435	27.10	—	46607	12.30	—	48206	24.60	—
43945	(a)	—	44436	31.70	—	46622	8.45	—	48252	(a)	—
43946	(a)	—	44437	26.20	—	46671	(a)	—	48441	.103	—
43990	(a)	(a)	44438	20.70	—	46700	173.00	—	48557	10.30	—
43991	(a)	—	44439	40.40	—	46773	(a)	—	48558	8.97	—
44009	4.32	—	44440	33.40	—	46822	(a)	—	48600	69.60	—
44010	(a)	(a)	44500	(a)	—	46881	(a)	—	48610	(a)	—
44069	9.92	—	44501	(a)	—	46882	(a)	—	48636	1.02	(a)
44070	2.94	—	45190	2.74	—	46911	18.40	—	48637	7.88	—
44071	3.27	—	45191	1.95	—	46912	33.60	—	48638	3.91	—
44072	2.26	—	45192	2.28	—	46913	(a)	—	48727	(a)	—
44100	4.77	—	45193	1.34	—	46914	(a)	—	48808	1.24	—
44101	4.97	—	45210	1.70	—	46915	(a)	—	48924	(a)	—
44102	3.87	—	45224	(a)	—	46916	(a)	—	48925	189.00	—
44103	3.43	—	45225	(a)	—	47050	.78	—	49005	.134	—
44104	1.44	—	45334	49.50	—	47051	(a)	—	49111	1.89	—
44105	(a)	—	45380	.247	(a)	47052	(a)	—	49181	19.90	—
44106	(a)	—	45450	14.60	—	47103	(a)	—	49183	24.30	—
44108	1.69	—	45523	(a)	—	47146	(a)	—	49184	51.20	—
44109	4.27	—	45524	(a)	—	47147	(a)	—	49185	46.60	—
44110	4.37	—	45539	(a)	—	47221	190.00	—	49239	.184	.60
44111	2.68	—	45678	.213	—	47253	(a)	—	49292	1.46	—
44112	1.59	—	45771	.38	.164	47254	(a)	—	49305	(a)	—
44113	(a)	—	45819	.122	.052	47318	7.55	—	49333	10.70	—
44193	(a)	—	45900	.084	.052	47367	.196	—	49451	(a)	—
44194	(a)	—	45901	.072	.049	47420	1.65	—	49452	(a)	—
44222	(a)	—	45937	.194	—	47468	(a)	—	49617	.29	.26
44276	115.00	—	45993	(a)	(a)	47469	3.93	—	49618	.245	.082

DIVISION SIX

PREM/OPS TERR. 501

GENERAL LIABILITY

PROD/COPS

LOSS COST PAGES

\$100,000/200,000 BASIC LIMIT OCCURRENCE Premises/Operations (Prem/Ops) (Subline Code 334) Territory 501 Products/Completed Operations (Prod/Cops) (Subline Code 336) Entire State Territory 999											
Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops
49619	.46	.123	51315	.12	.106	51809	.26	.153	52341	.029	(a)
49763	2.99	—	51330	.063	.53	51833	.127	.06	52342	.085	(a)
49800	(a)	—	51333	.021	.34	51850	.152	(a)	52343	.052	(a)
49801	167.00	—	51340	.025	(a)	51851	.103	(a)	52401	.161	(a)
49802	14.80	—	51350	.196	.135	51852	.241	(a)	52402	.014	(a)
49803	26.20	—	51351	.176	.042	51853	.097	(a)	52432	.07	(a)
49840	.81	—	51352	.241	.108	51854	.218	(a)	52433	.064	1.02
49870	78.80	—	51355	.164	.094	51855	.229	(a)	52435	.08	(a)
49890	(a)	—	51356	.177	.62	51856	.126	(a)	52438	.058	(a)
49891	(a)	—	51357	.17	.66	51857	.215	(a)	52440	.09	(a)
49902	(a)	—	51358	.41	.141	51869	.069	.136	52467	.084	(a)
49903	(a)	—	51359	.36	.78	51877	.39	.212	52469	.029	.104
50010	.15	.49	51370	.30	4.57	51889	.064	.012	52505	.146	.216
50015	.098	(a)	51380	.03	.044	51896	.03	.018	52547	.139	.078
50017	.074	(a)	51400	.147	(a)	51900	.095	.095	52581	.71	2.95
50045	.17	(a)	51401	.217	(a)	51909	.137	.056	52619	.05	(a)
50047	.019	(a)	51500	.057	.119	51919	.064	(a)	52660	.07	—
51001	.035	.45	51516	.059	—	51926	.066	.038	52744	.49	.081
51005	.007	(a)	51517	.067	—	51927	.036	.131	52767	.127	(a)
51116	.089	.69	51550	.07	.39	51934	.072	.125	52876	(a)	(a)
51201	.026	(a)	51551	.024	.91	51941	.065	.041	52911	.04	.45
51205	.078	.071	51552	.042	.159	51942	.104	—	52967	.015	.062
51206	.012	.39	51553	.076	(a)	51956	.28	.221	53001	.146	.33
51210	.062	(a)	51554	.007	(a)	51957	.249	.42	53077	.07	.207
51211	(a)	(a)	51575	.053	.02	51958	.221	.41	53095	.048	(a)
51220	.212	2.28	51576	.136	.093	51959	.226	(a)	53096	.067	(a)
51221	.118	1.78	51600	.092	.191	51960	.03	.35	53121	.19	.44
51222	.143	3.67	51613	.061	.139	51970	.13	.238	53147	.022	(a)
51224	.15	1.45	51625	.032	(a)	51982	.038	.083	53229	.121	(a)
51230	.025	.79	51666	.083	.101	51985	.055	—	53271	.036	(a)
51240	.31	.185	51702	.097	(a)	51986	.15	.103	53333	.119	.239
51241	.92	.26	51703	.04	(a)	51999	.063	.44	53374	.128	.31
51250	.163	(a)	51734	.076	.31	52002	.056	.129	53375	.068	.223
51251	.027	(a)	51741	.161	.26	52075	.12	.243	53376	.109	.194
51252	.093	.10	51752	.136	.165	52076	.144	(a)	53377	.112	.195
51253	.079	(a)	51767	.024	.008	52109	.014	(a)	53403	.071	(a)
51254	.025	.039	51777	.085	.078	52134	.186	.63	53425	.112	(a)
51255	.41	(a)	51790	.141	(a)	52137	.047	(a)	53565	.082	.108
51300	.117	.16	51796	.059	(a)	52150	.34	(a)	53631	.022	.022
51305	.117	.96	51808	.208	.73	52315	.11	.26	53632	.025	.034

\$100,000/200,000 BASIC LIMIT OCCURRENCE Premises/Operations (Prem/Ops) (Subline Code 334) Territory 501 Products/Completed Operations (Prod/Cops) (Subline Code 336) Entire State Territory 999											
Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops
53731	.023	(a)	56170	.11	(a)	57401	.046	.096	58503	.056	.076
53732	.159	.45	56171	.054	(a)	57403	.173	.035	58532	.072	(a)
53733	.103	.27	56202	.053	.089	57410	.022	.162	58559	.015	(a)
53734	.36	—	56390	.093	.64	57411	.027	(a)	58560	.035	(a)
53803	.27	(a)	56391	.08	.32	57572	.013	.108	58561	(a)	(a)
53901	(a)	(a)	56427	.128	.125	57600	.039	.034	58575	.045	.12
53902	(a)	(a)	56488	.141	.034	57611	.059	.062	58627	.146	.013
53903	(a)	(a)	56567	.114	(a)	57625	.34	(a)	58663	.25	1.28
53904	(a)	(a)	56650	.35	(a)	57651	.042	.041	58682	.13	(a)
53905	(a)	(a)	56651	.189	(a)	57690	.076	.49	58713	.054	(a)
53907	.07	.103	56652	.135	(a)	57716	.036	.082	58737	.094	.63
53951	(a)	(a)	56653	.13	(a)	57725	.079	.088	58756	.047	(a)
53952	(a)	(a)	56654	.067	(a)	57726	.062	.021	58757	.32	(a)
53953	(a)	(a)	56690	.073	.35	57798	.021	(a)	58759	.039	(a)
54012	.036	—	56699	.059	.057	57800	.079	(a)	58802	.044	.48
54077	.096	.40	56758	.05	.148	57808	.03	(a)	58813	.116	(a)
54444	(a)	(a)	56759	.051	.08	57809	.031	(a)	58822	.122	(a)
55010	.29	1.08	56760	.074	.098	57810	.03	.107	58837	.232	.162
55011	.078	1.57	56805	.097	(a)	57871	.036	.118	58840	.07	.127
55012	.093	1.18	56806	.069	(a)	57913	.102	.29	58873	.111	.03
55013	.101	1.14	56807	.068	(a)	57997	.079	—	58903	.028	(a)
55014	(a)	(a)	56808	.089	(a)	57998	.045	.058	58904	.021	.128
55214	.075	.088	56900	.085	(a)	57999	.05	.071	58922	.184	.168
55371	.33	.119	56910	.043	(a)	58009	.05	(a)	59005	.053	.096
55410	(a)	(a)	56911	.098	(a)	58010	.105	(a)	59057	.39	(a)
55426	.123	(a)	56912	.079	.09	58020	.186	(a)	59058	.25	(a)
55597	.019	1.79	56913	.065	(a)	58056	.126	(a)	59188	.37	.055
55647	.038	.062	56915	.38	(a)	58057	.079	(a)	59189	.51	.30
55648	.017	(a)	56916	.35	.205	58058	.071	(a)	59223	.115	.088
55649	.02	(a)	56917	.10	(a)	58095	.10	1.99	59257	.014	.013
55715	.149	.224	56918	.048	(a)	58096	.133	1.23	59306	.09	(a)
55716	.216	.52	56919	.123	(a)	58301	.038	.088	59378	.075	.15
55717	.162	(a)	56920	.112	(a)	58302	.036	.055	59481	.241	.099
55718	.157	(a)	56980	.074	(a)	58397	.208	.74	59482	.38	(a)
55802	.085	.009	57001	.025	.029	58408	.047	—	59537	.08	.21
55918	.085	2.74	57002	.016	.106	58409	.059	—	59601	.091	2.37
55919	.012	3.65	57090	.179	.66	58456	.032	—	59647	.172	.17
56040	.008	.033	57146	.114	.72	58457	.046	—	59660	.167	1.18
56041	.053	(a)	57202	.066	(a)	58458	.059	—	59661	.082	(a)
56042	.067	(a)	57257	.081	.035	58459	.071	—	59693	.014	—

DIVISION SIX

PREM/OPS TERR. 501

GENERAL LIABILITY

PROD/COPS

LOSS COST PAGES

\$100,000/200,000 BASIC LIMIT OCCURRENCE Premises/Operations (Prem/Ops) (Subline Code 334) Territory 501 Products/Completed Operations (Prod/Cops) (Subline Code 336) Entire State Territory 999											
Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops
59695	(a)	(a)	59964	.42	.069	63220	(a)	—	91190	1.72	(a)
59701	.007	.29	59970	.069	.183	64074	19.40	—	91200	.60	—
59713	.15	.31	59973	.115	(a)	64075	13.60	—	91210	(a)	—
59722	.078	.031	59975	.096	.227	64500	(a)	—	91235	2.27	3.79
59723	.029	.037	59977	.055	(a)	65007	37.00	—	91250	3.43	(a)
59724	.045	.019	59984	.031	.053	66122	15.90	—	91265	12.70	3.44
59725	.056	.116	59985	.123	(a)	66123	8.76	—	91266	6.77	1.26
59726	.041	.024	59986	.094	(a)	66309	25.60	—	91280	(a)	3.93
59738	.13	.064	59988	.025	.059	66561	59.30	—	91302	7.65	(a)
59750	.06	.222	59989	.016	.044	67017	55.00	—	91315	2.32	—
59751	.022	(a)	60010	20.10	—	67508	31.40	—	91324	5.17	(a)
59773	.022	.028	60011	23.10	—	67509	23.10	—	91325	(a)	(a)
59774	.018	.15	60012	38.00	—	67510	12.80	—	91340	3.37	12.60
59775	.023	.188	60013	32.60	—	67511	13.90	—	91341	3.66	6.48
59781	.052	.068	60015	24.30	—	67512	59.50	—	91342	3.09	4.72
59782	.077	.46	60016	27.30	—	67513	37.70	—	91343	.81	1.82
59783	.076	(a)	60035	41.80	—	67634	47.60	—	91405	3.93	—
59784	.058	(a)	61000	19.90	—	67635	33.70	—	91436	4.14	2.98
59790	.10	(a)	61212	21.40	—	68001	103.00	—	91481	15.10	—
59798	.197	.50	61216	23.70	—	68439	132.00	—	91507	2.22	4.50
59806	.141	(a)	61217	21.60	—	68500	4.42	—	91523	34.30	—
59867	.113	(a)	61218	14.70	—	68604	2.47	—	91547	.195	—
59886	.015	.108	61223	105.00	—	68606	9.65	—	91551	1.21	.87
59889	.072	.165	61224	33.30	—	68607	7.63	—	91555	1.37	1.24
59892	.076	(a)	61225	46.30	—	68702	6.29	—	91560	3.73	5.51
59904	.051	.061	61226	77.90	—	68703	4.72	—	91562	2.69	—
59905	.07	.132	61227	71.30	—	68706	20.20	—	91577	9.63	4.15
59914	.41	.68	62000	16.20	—	68707	20.00	—	91580	4.93	—
59915	.17	.75	62001	12.80	—	90089	3.50	—	91581	(a)	(a)
59917	.031	.205	62002	5.84	—	91111	2.93	7.68	91582	(a)	(a)
59923	.01	.004	62003	18.40	—	91125	2.10	2.66	91583	(a)	(a)
59925	.37	1.19	63010	36.20	—	91127	1.98	1.59	91584	(a)	(a)
59926	.31	.45	63011	45.20	—	91130	1.05	—	91585	(a)	(a)
59927	.211	1.42	63012	64.30	—	91135	.30	(a)	91586	(a)	(a)
59931	.186	.55	63013	60.90	—	91150	1.86	7.34	91587	(a)	(a)
59932	.20	.88	63215	60.80	—	91155	4.14	54.90	91588	(a)	(a)
59941	.062	(a)	63216	42.20	—	91160	.85	—	91589	(a)	(a)
59947	.051	.32	63217	35.90	—	91175	.73	—	91590	2.80	—
59955	.024	.143	63218	12.10	—	91177	3.18	—	91591	(a)	(a)
59963	.178	.41	63219	(a)	—	91179	3.20	—	91606	10.30	—

\$100,000/200,000 BASIC LIMIT OCCURRENCE Premises/Operations (Prem/Ops) (Subline Code 334) Territory 501 Products/Completed Operations (Prod/Cops) (Subline Code 336) Entire State Territory 999											
Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops
91618	(a)	(a)	95357	1.05	—	97653	2.54	3.88	98426	2.06	(a)
91629	2.09	(a)	95358	(a)	—	97654	4.43	3.64	98427	2.01	—
91636	3.59	—	95410	3.59	3.65	97655	3.92	6.76	98428	(a)	—
91641	.97	(a)	95455	4.34	1.65	98002	.71	1.24	98429	.94	—
91666	.75	(a)	95487	1.93	(a)	98003	.79	(a)	98430	(a)	—
91722	3.14	(a)	95505	2.02	2.90	98090	.107	—	98449	2.88	34.10
91746	2.69	5.69	95620	1.56	(a)	98091	.116	—	98482	3.08	9.36
91805	.169	—	95625	3.66	4.86	98092	.36	—	98483	4.55	26.50
92053	.41	.67	95630	(a)	(a)	98111	.57	—	98502	4.36	5.24
92054	.143	.247	95647	2.74	6.80	98150	(a)	—	98555	2.03	—
92055	3.99	.27	95648	(a)	(a)	98151	(a)	—	98597	.45	—
92101	6.24	3.92	96053	2.08	6.25	98152	2.39	.84	98598	.156	—
92102	3.75	4.60	96317	1.09	—	98153	2.69	(a)	98601	5.22	(a)
92215	3.26	4.18	96408	3.11	17.10	98154	3.18	(a)	98622	(a)	—
92338	1.44	2.82	96409	2.88	14.40	98155	4.45	(a)	98623	(a)	—
92445	2.06	—	96410	2.52	12.10	98156	(a)	(a)	98624	.82	—
92446	4.74	2.17	96611	.77	2.00	98157	2.85	.51	98636	2.80	4.25
92447	4.15	2.08	96702	3.58	(a)	98158	(a)	(a)	98640	89.90	—
92451	2.27	2.63	96703	(a)	—	98159	1.91	(a)	98658	4.59	—
92453	2.63	—	96816	3.36	—	98160	4.04	(a)	98659	.82	.44
92478	1.30	2.16	96872	3.85	(a)	98161	4.53	(a)	98677	14.10	13.50
92593	29.80	—	96930	(a)	—	98162	(a)	(a)	98678	12.50	21.50
92663	.48	—	97002	(a)	(a)	98163	4.74	.241	98698	(a)	(a)
94007	8.91	7.41	97003	(a)	(a)	98164	1.92	.078	98699	4.10	(a)
94099	2.03	—	97047	2.35	—	98257	1.20	—	98705	6.50	—
94225	7.14	—	97050	1.83	—	98303	8.93	9.34	98710	2.85	—
94276	3.71	6.02	97111	4.29	—	98304	4.44	4.47	98751	3.48	—
94304	2.90	(a)	97220	.28	(a)	98305	1.89	2.37	98805	3.71	1.67
94381	5.45	18.00	97221	(a)	1.30	98306	4.86	1.15	98806	2.60	4.25
94404	3.53	6.40	97222	1.50	2.20	98307	1.40	.62	98810	2.66	—
94444	(a)	(a)	97223	2.27	5.16	98308	.92	1.31	98813	2.57	2.39
94569	2.38	4.88	97308	.52	—	98309	4.49	2.87	98820	7.10	4.59
94590	10.30	—	97447	1.72	6.74	98344	.52	.85	98871	(a)	(a)
94617	3.24	—	97501	(a)	—	98405	.87	—	98884	1.85	2.59
94638	(a)	—	97502	(a)	—	98413	11.70	(a)	98914	.56	.66
95124	1.20	.85	97503	(a)	—	98414	10.70	(a)	98949	.78	.39
95233	2.56	—	97504	(a)	—	98415	1.40	(a)	98967	2.90	14.50
95305	2.79	—	97650	2.96	5.08	98423	3.34	(a)	98993	5.35	5.11
95306	4.11	—	97651	5.09	5.01	98424	5.67	(a)	99003	1.38	2.03
95310	6.65	1.39	97652	4.41	5.25	98425	2.33	(a)	99004	2.13	2.21

\$100,000/200,000 BASIC LIMIT OCCURRENCE Premises/Operations (Prem/Ops) (Subline Code 334) Territory 501 Products/Completed Operations (Prod/Cops) (Subline Code 336) Entire State Territory 999											
Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops
99080	.98	10.60	99826	.52	.69						
99081	(a)	—	99827	.36	.63						
99082	(a)	—	99851	1.43	—						
99083	(a)	—	99917	2.31	—						
99084	(a)	(a)	99938	2.60	—						
99085	(a)	(a)	99943	7.54	—						
99111	1.41	—	99946	5.62	3.43						
99160	(a)	—	99948	6.43	34.40						
99163	3.38	.53	99952	3.90	25.50						
99165	.74	(a)	99953	4.21	15.20						
99220	1.24	(a)	99954	3.06	13.80						
99221	(a)	(a)	99955	3.83	9.28						
99222	2.32	(a)	99963	.56	—						
99223	.208	(a)	99969	2.24	3.93						
99303	11.40	—	99975	3.41	—						
99310	2.84	(a)	99986	(a)	—						
99315	8.34	2.70	99987	(a)	—						
99321	8.09	3.14	99988	1.99	—						
99445	(a)	(a)									
99471	.56	—									
99505	4.52	—									
99506	5.56	—									
99507	4.85	—									
99570	2.60	(a)									
99571	.63	(a)									
99572	1.24	(a)									
99573	1.18	(a)									
99600	.93	—									
99613	7.16	2.85									
99614	2.07	—									
99620	.39	—									
99650	1.24	1.25									
99709	3.04	(a)									
99718	1.15	—									
99746	1.94	3.91									
99760	.221	—									
99777	4.61	—									
99793	2.46	—									
99798	(a)	(a)									
99803	(a)	14.20									

\$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	.137	.195	10205	.29	—	11210	2.26	—	13207	(a)	(a)
10015	5.03	—	10220	5.42	—	11211	11.70	—	13208	(a)	(a)
10020	(a)	(a)	10255	.227	.147	11212	1.77	—	13314	.138	.016
10026	.74	.02	10256	.83	.152	11213	1.45	—	13351	.34	.048
10036	.61	(a)	10257	.157	.169	11214	3.56	—	13352	.34	.051
10040	.104	.30	10309	.186	.018	11222	.06	—	13410	1.31	2.99
10042	.43	.54	10315	.44	(a)	11234	.32	.062	13411	(a)	(a)
10052	3.48	—	10331	6.82	—	11248	.043	.018	13412	.44	1.14
10054	3.09	—	10332	11.80	—	11258	.68	.27	13453	.51	(a)
10060	.204	.082	10352	.33	.07	11259	.73	.177	13454	.59	(a)
10065	.31	.036	10367	3.02	—	11273	16.00	—	13455	.60	(a)
10066	.31	.065	10368	4.41	—	11274	15.40	—	13461	(a)	(a)
10070	.079	.154	10375	(a)	—	11288	.84	.091	13506	1.05	.081
10071	.37	.103	10378	6.90	—	12014	.093	.038	13507	1.27	.184
10072	3.41	—	10379	3.20	—	12356	1.36	.031	13590	.45	.74
10073	.95	.65	10380	5.47	—	12361	.074	.077	13621	.113	.32
10075	7.07	.19	10381	4.74	—	12362	.086	(a)	13670	.041	.015
10100	.57	.054	11007	1.28	—	12373	.033	.024	13673	.52	.016
10101	.28	.181	11020	.35	.199	12374	.71	.073	13715	.086	.165
10105	2.98	—	11039	.83	.078	12375	.35	.05	13716	.52	.123
10107	2.91	.28	11052	2.39	—	12391	.065	.082	13720	.29	.059
10110	17.10	—	11101	(a)	(a)	12393	.46	(a)	13759	.204	.151
10111	.172	.078	11120	(a)	—	12467	.192	(a)	13930	.184	.201
10113	.41	—	11126	.072	.022	12509	.057	.036	14068	.045	.014
10115	.82	.078	11127	.44	.01	12510	.72	.03	14101	.53	.045
10117	4.99	—	11128	.59	.086	12583	.32	(a)	14279	.43	.07
10119	(a)	—	11138	1.70	—	12651	.93	.53	14401	.69	.122
10120	11.20	—	11155	.246	—	12683	.43	(a)	14405	.75	—
10130	4.07	—	11160	(a)	(a)	12707	.57	.64	14527	.35	.189
10132	3.51	—	11167	.55	—	12797	.119	.196	14655	.102	—
10133	2.30	—	11168	2.85	—	12805	.37	.129	14731	2.37	—
10135	(a)	—	11201	11.20	—	12841	.62	—	14732	.175	—
10140	.034	.021	11202	3.32	—	12927	.108	—	14733	.71	—
10141	.068	.023	11203	1.02	.52	13049	.038	.057	14734	.31	—
10145	.33	.01	11204	.36	1.69	13111	.63	.093	14855	.20	.154
10146	.25	.015	11205	(a)	—	13112	.063	.063	14913	.38	.187
10150	.57	(a)	11206	.52	—	13201	.82	.16	15060	(a)	(a)
10151	14.30	—	11207	6.58	—	13204	.93	1.45	15061	(a)	(a)
10160	2.55	—	11208	1.13	—	13205	.36	.46	15062	.179	(a)
10204	.26	—	11209	5.30	—	13206	(a)	(a)	15063	.209	(a)

DIVISION SIX

PREM/OPS TERR. 502

GENERAL LIABILITY

PROD/COPS

LOSS COST PAGES

\$100,000/200,000 BASIC LIMIT OCCURRENCE Premises/Operations (Prem/Ops) (Subline Code 334) Territory 502 Products/Completed Operations (Prod/Cops) (Subline Code 336) Entire State Territory 999											
Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops
15070	.101	—	16750	.12	.032	18707	.013	.004	40117	(a)	—
15119	(a)	—	16751	.12	—	18708	.132	.02	40140	(a)	—
15120	(a)	—	16819	1.08	(a)	18833	.155	(a)	41001	.187	—
15123	2.29	—	16820	.84	(a)	18834	.34	.126	41210	(a)	—
15124	.80	—	16881	1.88	(a)	18911	1.08	.019	41421	.30	—
15188	.32	(a)	16890	.127	(a)	18912	2.03	.037	41422	.162	—
15223	.049	.041	16891	.138	(a)	18920	.53	.02	41510	54.20	—
15224	.31	.071	16892	.25	(a)	18991	(a)	—	41603	14.40	—
15300	(a)	—	16900	2.12	.133	19007	.90	—	41604	7.90	—
15314	.246	(a)	16901	1.36	.156	19051	1.99	—	41620	.94	—
15404	.082	(a)	16902	1.15	.066	19061	(a)	—	41650	20.20	—
15405	.12	(a)	16905	2.23	.133	19795	.35	(a)	41664	23.70	—
15406	.31	.048	16906	1.42	.156	19796	.41	—	41665	2.78	—
15488	.76	(a)	16910	1.27	.071	40005	(a)	—	41666	(a)	—
15538	.44	.017	16911	1.15	.073	40006	(a)	—	41667	64.90	—
15600	1.10	.099	16915	1.30	.06	40010	(a)	—	41668	60.80	—
15607	.132	—	16916	1.09	.074	40015	(a)	—	41669	.43	—
15608	.246	.011	16920	2.89	.128	40020	(a)	—	41670	.72	—
15656	7.26	—	16921	2.64	.05	40026	(a)	—	41672	(a)	—
15699	.33	—	16930	1.66	.216	40031	(a)	—	41673	(a)	—
15733	.20	.037	16931	1.79	.09	40032	(a)	—	41675	(a)	—
15839	.33	.03	16940	3.61	.05	40040	(a)	—	41677	.192	—
15991	.27	.081	16941	1.44	.115	40041	(a)	—	41678	43.80	—
15993	.228	.055	18078	.156	.132	40042	(a)	—	41679	(a)	(a)
16005	.046	.034	18109	.45	.036	40045	157.00	—	41680	10.50	—
16009	.245	.094	18110	.36	.042	40046	31.00	—	41696	.61	—
16402	1.63	—	18200	(a)	—	40047	11.00	—	41697	.43	—
16403	1.03	.184	18205	.241	.35	40059	3.95	—	41700	(a)	—
16404	1.30	—	18206	.58	.121	40061	2.10	—	41715	6.68	—
16471	.187	—	18335	.42	.017	40063	70.20	—	41716	4.25	—
16501	.097	(a)	18435	.60	.067	40064	20.60	—	43007	(a)	—
16527	.148	.35	18436	.48	.183	40066	(a)	—	43117	(a)	—
16588	.113	(a)	18437	.60	(a)	40067	(a)	—	43151	17.90	—
16604	.191	.146	18438	1.15	(a)	40069	(a)	—	43152	13.10	—
16670	2.83	—	18501	.55	.015	40072	(a)	—	43200	68.00	—
16676	.34	.014	18506	.40	.006	40075	35.90	—	43215	(a)	—
16694	.38	(a)	18507	.216	.009	40101	12.10	—	43421	18.60	—
16705	.28	.148	18570	2.25	—	40102	10.70	—	43422	97.80	—
16722	(a)	—	18575	(a)	(a)	40111	5.56	—	43424	(a)	—
16723	(a)	—	18616	.30	.59	40115	(a)	—	43470	3.58	—

\$100,000/200,000 BASIC LIMIT OCCURRENCE Premises/Operations (Prem/Ops) (Subline Code 334) Territory 502 Products/Completed Operations (Prod/Cops) (Subline Code 336) Entire State Territory 999											
Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops
43517	(a)	—	44277	59.20	—	46004	19.20	—	47471	2.63	—
43518	10.20	—	44280	.192	—	46005	15.40	—	47473	3.44	—
43550	66.50	—	44311	5.25	—	46112	.048	—	47474	3.85	—
43551	36.90	—	44315	3.53	—	46202	2.96	—	47475	3.04	—
43626	8.13	—	44427	43.90	—	46362	153.00	—	47476	3.04	—
43628	106.00	—	44428	44.10	—	46426	22.30	—	47477	4.05	—
43629	89.50	—	44429	.66	—	46427	29.80	—	47478	4.25	—
43754	(a)	—	44430	.46	—	46510	(a)	—	47600	(a)	—
43760	2.98	—	44431	1.47	—	46590	(a)	—	47610	(a)	—
43822	2.82	—	44432	.47	—	46603	1.87	—	48039	48.20	—
43840	.035	—	44433	14.80	—	46604	2.16	—	48177	(a)	—
43860	2.24	—	44434	28.40	—	46606	5.77	—	48178	(a)	—
43889	.80	—	44435	29.40	—	46607	7.93	—	48206	21.50	—
43945	(a)	—	44436	34.30	—	46622	8.31	—	48252	(a)	—
43946	(a)	—	44437	28.40	—	46671	(a)	—	48441	.09	—
43990	(a)	(a)	44438	22.50	—	46700	137.00	—	48557	9.03	—
43991	(a)	—	44439	43.70	—	46773	(a)	—	48558	7.86	—
44009	2.79	—	44440	36.20	—	46822	(a)	—	48600	44.70	—
44010	(a)	(a)	44500	(a)	—	46881	(a)	—	48610	(a)	—
44069	8.69	—	44501	(a)	—	46882	(a)	—	48636	1.87	(a)
44070	2.57	—	45190	2.33	—	46911	16.10	—	48637	6.90	—
44071	2.86	—	45191	1.65	—	46912	29.50	—	48638	3.43	—
44072	1.98	—	45192	1.93	—	46913	(a)	—	48727	(a)	—
44100	3.61	—	45193	1.14	—	46914	(a)	—	48808	1.86	—
44101	3.76	—	45210	1.44	—	46915	(a)	—	48924	(a)	—
44102	2.94	—	45224	(a)	—	46916	(a)	—	48925	165.00	—
44103	2.60	—	45225	(a)	—	47050	.77	—	49005	.132	—
44104	1.09	—	45334	39.20	—	47051	(a)	—	49111	2.84	—
44105	(a)	—	45380	.234	(a)	47052	(a)	—	49181	15.80	—
44106	(a)	—	45450	11.50	—	47103	(a)	—	49183	19.20	—
44108	1.28	—	45523	(a)	—	47146	(a)	—	49184	40.50	—
44109	3.24	—	45524	(a)	—	47147	(a)	—	49185	36.90	—
44110	3.31	—	45539	(a)	—	47221	150.00	—	49239	.175	.60
44111	2.03	—	45678	.21	—	47253	(a)	—	49292	1.15	—
44112	1.20	—	45771	.36	.164	47254	(a)	—	49305	(a)	—
44113	(a)	—	45819	.116	.052	47318	6.61	—	49333	8.45	—
44193	(a)	—	45900	.126	.052	47367	.192	—	49451	(a)	—
44194	(a)	—	45901	.108	.049	47420	1.45	—	49452	(a)	—
44222	(a)	—	45937	.154	—	47468	(a)	—	49617	.189	.26
44276	91.30	—	45993	(a)	(a)	47469	3.04	—	49618	.158	.082

DIVISION SIX

PREM/OPS TERR. 502

GENERAL LIABILITY

PROD/COPS

LOSS COST PAGES

\$100,000/200,000 BASIC LIMIT OCCURRENCE Premises/Operations (Prem/Ops) (Subline Code 334) Territory 502 Products/Completed Operations (Prod/Cops) (Subline Code 336) Entire State Territory 999											
Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops
49619	.30	.123	51315	.113	.106	51809	.34	.153	52341	.054	(a)
49763	1.93	—	51330	.115	.53	51833	.153	.06	52342	.157	(a)
49800	(a)	—	51333	.038	.34	51850	.28	(a)	52343	.095	(a)
49801	132.00	—	51340	.033	(a)	51851	.189	(a)	52401	.30	(a)
49802	11.70	—	51350	.236	.135	51852	.44	(a)	52402	.018	(a)
49803	20.70	—	51351	.212	.042	51853	.178	(a)	52432	.09	(a)
49840	.80	—	51352	.29	.108	51854	.40	(a)	52433	.082	1.02
49870	69.00	—	51355	.198	.094	51855	.42	(a)	52435	.103	(a)
49890	(a)	—	51356	.213	.62	51856	.231	(a)	52438	.075	(a)
49891	(a)	—	51357	.161	.66	51857	.39	(a)	52440	.117	(a)
49902	(a)	—	51358	.39	.141	51869	.089	.136	52467	.108	(a)
49903	(a)	—	51359	.34	.78	51877	.50	.212	52469	.038	.104
50010	.195	.49	51370	.39	4.57	51889	.083	.012	52505	.189	.216
50015	.127	(a)	51380	.039	.044	51896	.039	.018	52547	.26	.078
50017	.096	(a)	51400	.27	(a)	51900	.114	.095	52581	.92	2.95
50045	.22	(a)	51401	.40	(a)	51909	.25	.056	52619	.065	(a)
50047	.025	(a)	51500	.074	.119	51919	.084	(a)	52660	.069	—
51001	.065	.45	51516	.058	—	51926	.085	.038	52744	.59	.081
51005	.013	(a)	51517	.066	—	51927	.046	.131	52767	.234	(a)
51116	.164	.69	51550	.091	.39	51934	.093	.125	52876	(a)	(a)
51201	.033	(a)	51551	.032	.91	51941	.085	.041	52911	.052	.45
51205	.101	.071	51552	.055	.159	51942	.136	—	52967	.019	.062
51206	.016	.39	51553	.098	(a)	51956	.37	.221	53001	.189	.33
51210	.113	(a)	51554	.009	(a)	51957	.32	.42	53077	.091	.207
51211	(a)	(a)	51575	.063	.02	51958	.29	.41	53095	.062	(a)
51220	.39	2.28	51576	.176	.093	51959	.29	(a)	53096	.087	(a)
51221	.216	1.78	51600	.12	.191	51960	.039	.35	53121	.247	.44
51222	.26	3.67	51613	.079	.139	51970	.168	.238	53147	.04	(a)
51224	.28	1.45	51625	.059	(a)	51982	.05	.083	53229	.222	(a)
51230	.047	.79	51666	.10	.101	51985	.054	—	53271	.046	(a)
51240	.40	.185	51702	.178	(a)	51986	.195	.103	53333	.218	.239
51241	1.19	.26	51703	.074	(a)	51999	.082	.44	53374	.154	.31
51250	.30	(a)	51734	.139	.31	52002	.072	.129	53375	.082	.223
51251	.034	(a)	51741	.208	.26	52075	.22	.243	53376	.131	.194
51252	.121	.10	51752	.176	.165	52076	.26	(a)	53377	.134	.195
51253	.103	(a)	51767	.029	.008	52109	.018	(a)	53403	.085	(a)
51254	.032	.039	51777	.102	.078	52134	.241	.63	53425	.205	(a)
51255	.76	(a)	51790	.17	(a)	52137	.086	(a)	53565	.099	.108
51300	.141	.16	51796	.076	(a)	52150	.44	(a)	53631	.029	.022
51305	.141	.96	51808	.27	.73	52315	.133	.26	53632	.033	.034

\$100,000/200,000 BASIC LIMIT OCCURRENCE Premises/Operations (Prem/Ops) (Subline Code 334) Territory 502 Products/Completed Operations (Prod/Cops) (Subline Code 336) Entire State Territory 999											
Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops
53731	.03	(a)	56170	.202	(a)	57401	.06	.096	58503	.072	.076
53732	.206	.45	56171	.099	(a)	57403	.208	.035	58532	.093	(a)
53733	.134	.27	56202	.069	.089	57410	.029	.162	58559	.019	(a)
53734	.35	—	56390	.12	.64	57411	.05	(a)	58560	.046	(a)
53803	.49	(a)	56391	.103	.32	57572	.017	.108	58561	(a)	(a)
53901	(a)	(a)	56427	.167	.125	57600	.051	.034	58575	.059	.12
53902	(a)	(a)	56488	.17	.034	57611	.108	.062	58627	.189	.013
53903	(a)	(a)	56567	.209	(a)	57625	.45	(a)	58663	.46	1.28
53904	(a)	(a)	56650	.64	(a)	57651	.054	.041	58682	.168	(a)
53905	(a)	(a)	56651	.35	(a)	57690	.141	.49	58713	.065	(a)
53907	.091	.103	56652	.249	(a)	57716	.067	.082	58737	.122	.63
53951	(a)	(a)	56653	.24	(a)	57725	.146	.088	58756	.086	(a)
53952	(a)	(a)	56654	.122	(a)	57726	.113	.021	58757	.41	(a)
53953	(a)	(a)	56690	.088	.35	57798	.027	(a)	58759	.051	(a)
54012	.035	—	56699	.077	.057	57800	.103	(a)	58802	.058	.48
54077	.124	.40	56758	.065	.148	57808	.056	(a)	58813	.213	(a)
54444	(a)	(a)	56759	.067	.08	57809	.058	(a)	58822	.159	(a)
55010	.37	1.08	56760	.096	.098	57810	.056	.107	58837	.43	.162
55011	.101	1.57	56805	.126	(a)	57871	.067	.118	58840	.128	.127
55012	.12	1.18	56806	.089	(a)	57913	.133	.29	58873	.204	.03
55013	.186	1.14	56807	.088	(a)	57997	.078	—	58903	.036	(a)
55014	(a)	(a)	56808	.115	(a)	57998	.059	.058	58904	.028	.128
55214	.098	.088	56900	.111	(a)	57999	.092	.071	58922	.34	.168
55371	.39	.119	56910	.055	(a)	58009	.092	(a)	59005	.069	.096
55410	(a)	(a)	56911	.18	(a)	58010	.137	(a)	59057	.51	(a)
55426	.225	(a)	56912	.146	.09	58020	.224	(a)	59058	.33	(a)
55597	.024	1.79	56913	.119	(a)	58056	.163	(a)	59188	.44	.055
55647	.049	.062	56915	.70	(a)	58057	.103	(a)	59189	.61	.30
55648	.022	(a)	56916	.64	.205	58058	.092	(a)	59223	.211	.088
55649	.026	(a)	56917	.184	(a)	58095	.13	1.99	59257	.019	.013
55715	.194	.224	56918	.088	(a)	58096	.172	1.23	59306	.117	(a)
55716	.28	.52	56919	.225	(a)	58301	.07	.088	59378	.137	.15
55717	.30	(a)	56920	.205	(a)	58302	.046	.055	59481	.31	.099
55718	.29	(a)	56980	.096	(a)	58397	.27	.74	59482	.46	(a)
55802	.102	.009	57001	.033	.029	58408	.046	—	59537	.148	.21
55918	.111	2.74	57002	.021	.106	58409	.058	—	59601	.118	2.37
55919	.015	3.65	57090	.33	.66	58456	.031	—	59647	.207	.17
56040	.01	.033	57146	.209	.72	58457	.045	—	59660	.217	1.18
56041	.069	(a)	57202	.085	(a)	58458	.058	—	59661	.107	(a)
56042	.087	(a)	57257	.106	.035	58459	.07	—	59693	.018	—

DIVISION SIX

PREM/OPS TERR. 502

GENERAL LIABILITY

PROD/COPS

LOSS COST PAGES

\$100,000/200,000 BASIC LIMIT OCCURRENCE Premises/Operations (Prem/Ops) (Subline Code 334) Territory 502 Products/Completed Operations (Prod/Cops) (Subline Code 336) Entire State Territory 999											
Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops
59695	(a)	(a)	59964	.54	.069	63220	(a)	—	91190	1.72	(a)
59701	.009	.29	59970	.126	.183	64074	16.40	—	91200	.60	—
59713	.194	.31	59973	.149	(a)	64075	11.60	—	91210	(a)	—
59722	.101	.031	59975	.177	.227	64500	(a)	—	91235	2.27	3.79
59723	.038	.037	59977	.101	(a)	65007	23.80	—	91250	3.43	(a)
59724	.058	.019	59984	.041	.053	66122	10.20	—	91265	12.70	3.44
59725	.072	.116	59985	.159	(a)	66123	5.62	—	91266	6.77	1.26
59726	.053	.024	59986	.122	(a)	66309	16.40	—	91280	(a)	3.93
59738	.168	.064	59988	.045	.059	66561	38.10	—	91302	7.65	(a)
59750	.11	.222	59989	.021	.044	67017	35.30	—	91315	2.32	—
59751	.04	(a)	60010	11.70	—	67508	24.30	—	91324	5.17	(a)
59773	.026	.028	60011	13.50	—	67509	17.80	—	91325	(a)	(a)
59774	.022	.15	60012	22.20	—	67510	9.92	—	91340	3.37	12.60
59775	.028	.188	60013	19.00	—	67511	10.70	—	91341	3.66	6.48
59781	.095	.068	60015	14.20	—	67512	46.00	—	91342	3.09	4.72
59782	.142	.46	60016	16.00	—	67513	29.20	—	91343	.81	1.82
59783	.139	(a)	60035	26.80	—	67634	30.60	—	91405	3.93	—
59784	.106	(a)	61000	11.60	—	67635	21.60	—	91436	4.14	2.98
59790	.13	(a)	61212	13.70	—	68001	66.00	—	91481	15.10	—
59798	.36	.50	61216	15.20	—	68439	84.90	—	91507	2.22	4.50
59806	.26	(a)	61217	13.90	—	68500	2.58	—	91523	34.30	—
59867	.146	(a)	61218	9.45	—	68604	1.59	—	91547	.195	—
59886	.02	.108	61223	67.20	—	68606	6.20	—	91551	1.21	.87
59889	.086	.165	61224	21.40	—	68607	4.90	—	91555	1.37	1.24
59892	.139	(a)	61225	29.70	—	68702	4.04	—	91560	3.73	5.51
59904	.094	.061	61226	50.00	—	68703	3.03	—	91562	2.69	—
59905	.091	.132	61227	45.70	—	68706	13.00	—	91577	9.63	4.15
59914	.54	.68	62000	10.50	—	68707	12.80	—	91580	4.93	—
59915	.31	.75	62001	8.22	—	90089	3.50	—	91581	(a)	(a)
59917	.058	.205	62002	3.75	—	91111	2.93	7.68	91582	(a)	(a)
59923	.013	.004	62003	11.80	—	91125	2.10	2.66	91583	(a)	(a)
59925	.35	1.19	63010	21.10	—	91127	1.98	1.59	91584	(a)	(a)
59926	.30	.45	63011	26.40	—	91130	1.05	—	91585	(a)	(a)
59927	.20	1.42	63012	37.60	—	91135	.30	(a)	91586	(a)	(a)
59931	.241	.55	63013	35.60	—	91150	1.86	7.34	91587	(a)	(a)
59932	.26	.88	63215	39.10	—	91155	4.14	54.90	91588	(a)	(a)
59941	.081	(a)	63216	27.10	—	91160	.85	—	91589	(a)	(a)
59947	.094	.32	63217	31.50	—	91175	.73	—	91590	2.80	—
59955	.031	.143	63218	10.60	—	91177	3.18	—	91591	(a)	(a)
59963	.23	.41	63219	(a)	—	91179	3.20	—	91606	10.30	—

\$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
91618	(a)	(a)	95357	1.05	—	97653	2.54	3.88	98426	2.06	(a)
91629	2.09	(a)	95358	(a)	—	97654	4.43	3.64	98427	2.01	—
91636	3.59	—	95410	3.59	3.65	97655	3.92	6.76	98428	(a)	—
91641	.97	(a)	95455	4.34	1.65	98002	.71	1.24	98429	.94	—
91666	.75	(a)	95487	1.93	(a)	98003	.79	(a)	98430	(a)	—
91722	3.14	(a)	95505	2.02	2.90	98090	.107	—	98449	2.88	34.10
91746	2.69	5.69	95620	1.56	(a)	98091	.116	—	98482	3.08	9.36
91805	.169	—	95625	3.66	4.86	98092	.36	—	98483	4.55	26.50
92053	.41	.67	95630	(a)	(a)	98111	.57	—	98502	4.36	5.24
92054	.143	.247	95647	2.74	6.80	98150	(a)	—	98555	2.03	—
92055	3.99	.27	95648	(a)	(a)	98151	(a)	—	98597	.45	—
92101	6.24	3.92	96053	2.08	6.25	98152	2.39	.84	98598	.156	—
92102	3.75	4.60	96317	1.09	—	98153	2.69	(a)	98601	5.22	(a)
92215	3.26	4.18	96408	3.11	17.10	98154	3.18	(a)	98622	(a)	—
92338	1.44	2.82	96409	2.88	14.40	98155	4.45	(a)	98623	(a)	—
92445	2.06	—	96410	2.52	12.10	98156	(a)	(a)	98624	.82	—
92446	4.74	2.17	96611	.77	2.00	98157	2.85	.51	98636	2.80	4.25
92447	4.15	2.08	96702	3.58	(a)	98158	(a)	(a)	98640	89.90	—
92451	2.27	2.63	96703	(a)	—	98159	1.91	(a)	98658	4.59	—
92453	2.63	—	96816	3.36	—	98160	4.04	(a)	98659	.82	.44
92478	1.30	2.16	96872	3.85	(a)	98161	4.53	(a)	98677	14.10	13.50
92593	29.80	—	96930	(a)	—	98162	(a)	(a)	98678	12.50	21.50
92663	.48	—	97002	(a)	(a)	98163	4.74	.241	98698	(a)	(a)
94007	8.91	7.41	97003	(a)	(a)	98164	1.92	.078	98699	4.10	(a)
94099	2.03	—	97047	2.35	—	98257	1.20	—	98705	6.50	—
94225	7.14	—	97050	1.83	—	98303	8.93	9.34	98710	2.85	—
94276	3.71	6.02	97111	4.29	—	98304	4.44	4.47	98751	3.48	—
94304	2.90	(a)	97220	.28	(a)	98305	1.89	2.37	98805	3.71	1.67
94381	5.45	18.00	97221	(a)	1.30	98306	4.86	1.15	98806	2.60	4.25
94404	3.53	6.40	97222	1.50	2.20	98307	1.40	.62	98810	2.66	—
94444	(a)	(a)	97223	2.27	5.16	98308	.92	1.31	98813	2.57	2.39
94569	2.38	4.88	97308	.52	—	98309	4.49	2.87	98820	7.10	4.59
94590	10.30	—	97447	1.72	6.74	98344	.52	.85	98871	(a)	(a)
94617	3.24	—	97501	(a)	—	98405	.87	—	98884	1.85	2.59
94638	(a)	—	97502	(a)	—	98413	11.70	(a)	98914	.56	.66
95124	1.20	.85	97503	(a)	—	98414	10.70	(a)	98949	.78	.39
95233	2.56	—	97504	(a)	—	98415	1.40	(a)	98967	2.90	14.50
95305	2.79	—	97650	2.96	5.08	98423	3.34	(a)	98993	5.35	5.11
95306	4.11	—	97651	5.09	5.01	98424	5.67	(a)	99003	1.38	2.03
95310	6.65	1.39	97652	4.41	5.25	98425	2.33	(a)	99004	2.13	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
99080	.98	10.60	99826	.52	.69						
99081	(a)	—	99827	.36	.63						
99082	(a)	—	99851	1.43	—						
99083	(a)	—	99917	2.31	—						
99084	(a)	(a)	99938	2.60	—						
99085	(a)	(a)	99943	7.54	—						
99111	1.41	—	99946	5.62	3.43						
99160	(a)	—	99948	6.43	34.40						
99163	3.38	.53	99952	3.90	25.50						
99165	.74	(a)	99953	4.21	15.20						
99220	1.24	(a)	99954	3.06	13.80						
99221	(a)	(a)	99955	3.83	9.28						
99222	2.32	(a)	99963	.56	—						
99223	.208	(a)	99969	2.24	3.93						
99303	11.40	—	99975	3.41	—						
99310	2.84	(a)	99986	(a)	—						
99315	8.34	2.70	99987	(a)	—						
99321	8.09	3.14	99988	1.99	—						
99445	(a)	(a)									
99471	.56	—									
99505	4.52	—									
99506	5.56	—									
99507	4.85	—									
99570	2.60	(a)									
99571	.63	(a)									
99572	1.24	(a)									
99573	1.18	(a)									
99600	.93	—									
99613	7.16	2.85									
99614	2.07	—									
99620	.39	—									
99650	1.24	1.25									
99709	3.04	(a)									
99718	1.15	—									
99746	1.94	3.91									
99760	.221	—									
99777	4.61	—									
99793	2.46	—									
99798	(a)	(a)									
99803	(a)	14.20									