

LOSS COSTS – IMPLEMENTATION

OCTOBER 29, 2021

GENERAL LIABILITY

LI-GL-2021-353

## WISCONSIN GENERAL LIABILITY ADVISORY PROSPECTIVE LOSS COST REVISION TO BE IMPLEMENTED

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### KEY MESSAGE

Revised overall prospective loss costs for -1.5% to be implemented.

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### UPGRADE TO WORD AND EXCEL DOCUMENTS

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

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### BACKGROUND

In circular [LI-GL-2021-280](#), we provided you with information about the General Liability loss cost level experience review.

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

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### CONSIDERATION OF COVID-19

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

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

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

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**ISO ACTION**

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

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

Refer to the attachment(s) for complete details.

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**SUPPLEMENTARY INFORMATION**

We are including the following supplementary information:

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

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

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**EFFECTIVE DATE**

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

These changes are applicable to all policies written on or after April 1, 2022.

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

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

For the purpose of reporting your company Loss Cost Multiplier under the CSP, as of April 1, 2022, the multiplier must be based on the relationship between your gross rates and the ISO advisory prospective loss costs contained in this circular.

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**COMPANY ACTION**

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

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

**WE WILL SUBMIT OUR REFERENCE FILING TO THE INSURANCE DEPARTMENT ON MARCH 22, 2022. ANY SUBMISSION YOU MAY MAKE WITH THE INSURANCE DEPARTMENT WITH RESPECT TO THIS FILING SHOULD NOT BE SUBMITTED PRIOR TO THIS DATE.**

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

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

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## RATING SOFTWARE IMPACT

No new attributes are being introduced with this revision.

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## POLICYHOLDER NOTIFICATION

If you decide to implement this revision, you should check all applicable laws for the state(s) to which this revision applies, to determine whether or not a specific policyholder notice requirement may apply. Please note that circular [LI-CL-2021-004](#) contains the ISO Guide To Renewals With Changed Conditions For Commercial Lines, which is available only as a guide to assist participating companies in complying with various conditional renewal statutes or regulations, for the major commercial lines of insurance serviced by ISO. The information in the Guide does not necessarily reflect all requirements or exceptions that may apply, and it is not intended as a substitute for your review of all applicable statutes and regulations concerning policyholder notification.

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## REVISION DISTRIBUTION

We will issue a Notice to Manualholders with an edition date of 4-22 (or the earliest possible subsequent date), along with any new and/or revised manual pages.

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## RELATED RULES REVISION

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

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## REFERENCE(S)

- [LI-GL-2021-354](#) (10/29/2021) Wisconsin General Liability Rule 24. Revision To Be Implemented
- [LI-GL-2021-280](#) (09/08/2021) General Liability Basic Limit Experience For 2021 Group 4 Jurisdictions Reviewed By Staff
- [LI-CL-2021-004](#) (02/17/2021) Revised Lead Time Requirements Listing
- [LI-GL-2020-227](#) (12/31/2020) 2020 General Liability Multistate Loss Costs Mappings Addressing Cannabis Are Being Filed

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## ATTACHMENT(S)

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

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## FILES AVAILABLE FOR DOWNLOAD

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

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

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## DATA QUALITY

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

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## ACKNOWLEDGMENT OF ACTUARIAL QUALIFICATIONS

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

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

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

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

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PURPOSE	<p>This document:</p> <ul style="list-style-type: none"><li>• revises current advisory prospective loss costs for Premises/Operations and Products/Completed Operations classes. These loss costs represent a -1.5% change from the current ISO loss costs. Please note that throughout this document the term loss costs means advisory prospective loss costs.</li><li>• provides the analyses used to derive these advisory loss costs.</li></ul>
DEFINITION OF THE ISO ADVISORY PROSPECTIVE LOSS COSTS	<p>Advisory prospective loss costs in this document are the expected value of that portion of a rate that does not include provisions for expenses (other than loss adjustment expenses) or profit, and are based on historical aggregate losses and loss adjustment expenses adjusted through development to their ultimate value and projected through trending to a future point in time.</p>
CONSIDERATION OF COVID-19	<p>In GL-2020-BGL1, loss costs for nine classification were adjusted due to the anticipation of long-term behavioral, social and economic changes as a result of COVID-19. The expectation, based on the information currently available, was that those changes would have a material impact on prospective loss costs for certain risks. To reflect these changes, judgmentally selected adjustment factors were applied to the loss costs for those nine classes. These OL&amp;T class specific COVID-19 adjustments are still being reflected in the loss costs within this document. Refer to Section H for details.</p> <p>Additionally, due to the impact that the COVID-19 pandemic had on experience from March 2020 and beyond, we have included a fourth year of experience in calculating the statewide prospective loss costs level changes. In this review, equal weights have been assigned to each year of experience to determine the statewide indicated loss cost level changes for M&amp;C and OL&amp;T. We will continue to seek the appropriate balance between the 2020 experience and the experience of other years used in the analyses to determine our prospective loss costs for future periods.</p> <p>Also, an adjustment factor was applied to the premium development factors for the latest accident year to reflect the reduced expected exposures for M&amp;C due to COVID-19 and the economic recession in 2020. This factor was determined by an analysis of historical experience and actuarial judgment. Refer to Section H for details.</p> <p>While there is still great uncertainty around COVID-19, the above referenced adjustments do not contemplate the possibility of widespread viral resurgence or the renewal of stay-at-home orders during the period in which the newly filed loss costs will be in effect. We have assumed that any recurrence of such extreme and unpredictable circumstances would generally be addressed, as appropriate, by individual carriers.</p>

LOSS COST  
LEVEL CHANGES

The statewide advisory loss cost level changes are:

<u>SUBLINE</u>	<u>INDICATED</u>	<u>SELECTED</u>
M&C	- 0.5%	- 0.5%
OL&T	- 5.9%	- 2.5%
Premises/Operations	- 3.0%	- 1.4%
Products	- 7.7%	- 7.7%
Local Products/Completed Operations	+ 2.6%	+ 2.6%
Products/Completed Operations	- 1.9%	- 1.9%
GL Overall	- 2.7%	- 1.5%

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

INDICATED  
VS. SELECTED

Indicated changes are based on standard ISO methodology. The selected changes are equal to the indicated changes for all sublines except for Owners, Landlords & Tenants, where a change of -2.5% has been selected to temper the effect of the experience for the latest year and to limit swings in loss costs.

CAPPING

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

PRIOR ISO  
REVISIONS

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

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

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

INTRODUCTION  
OF CANNABIS  
CLASSIFICATION  
CODES TO THE  
STATE LOSS  
COST PAGES

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

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

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

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

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

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

HISTORICAL  
SOURCE DATA

The data used in this document is:

- ISO reporting companies' voluntary experience.
- Fiscal-accident year data through year ended 9/30/2020 for Premises/Operations.
- Calendar-accident year data through year ended 12/31/2019 for Products/Completed Operations.

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

ADJUSTMENTS  
TO  
REPORTED  
EXPERIENCE

The period of use for this revision is anticipated to begin on 4/1/2022. The Products/Completed Operations portion of this review uses a trend date of 7/1/2021 because of the multistate nature of the review. To adjust the loss and exposure data to levels expected to prevail during the period when the revised indications are assumed to be in effect, historical losses and exposures have been multiplied by trend factors. These trend factors are based on changes in cost, frequency and inflation sensitive exposure bases that are expected to arise between the historical experience period and the prospective period during which the revised loss costs will be in effect. For a summary of the selected annual trend factors, see Section E, Section F and Section G - Trend Summary.

For Premises/Operations, occurrence cost data and occurrence frequency data through 6/30/2020 were used in selecting annual trend factors. For Products/Completed Operations, occurrence cost data and occurrence frequency data through 12/31/2019 were used.



ADJUSTMENTS  
TO  
REPORTED  
EXPERIENCE  
(Cont'd)

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

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

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

TEN  
LARGEST  
COMPANY  
GROUPS IN  
ISO  
DATA  
BASE

<u>OTHER LIABILITY (ASLOB 17.0)</u>		<u>PRODUCTS LIABILITY (ASLOB 18.0)</u>	
1	Travelers Indemnity Co.	1	Chubb Group of Insurance Cos.
2	Chubb Group of Insurance Cos.	2	Zurich American Insurance Co.
3	Zurich American Insurance Co.	3	Fireman's Fund Insurance Co.
4	Continental Casualty Co.	4	Travelers Indemnity Co.
5	Acuity, A Mutual Insurance Co.	5	Selective Insurance Group
6	Cincinnati Insurance Co.	6	Cincinnati Insurance Co.
7	Liberty Mutual Insurance Co.	7	Liberty Mutual Insurance Co.
8	Great American Insurance Co.	8	United Fire & Casualty Co.
9	Employers Mutual Casualty Co.	9	Continental Casualty Co.
10	Sentry Insurance, A Mutual Co.	10	Nationwide Mutual Insurance Co.

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

SIZE  
OF  
ISO  
DATA  
BASE

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

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

Statewide - Other Liability (ASLOB 17.0)	35.4%
Multistate - Products Liability (ASLOB 18.0)	39.8%

COMPANY  
DECISION

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

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

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

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WISCONSIN  
PRIOR REVISIONS

The latest implemented revisions in this state are:

Document: GL-2020-BGL1

<u>Coverage</u>	<u>Effective Date</u>	<u>Loss Cost Level Changes</u>		
		<u>Indicated</u>	<u>Selected</u>	<u>Implemented</u>
M&C		+ 4.5%	+ 4.5%	+ 4.5%
OL&T		+ 10.1%	+ 8.8%	+ 8.8%
Prem/Ops Combined		+ 7.0%	+ 6.4%	+ 6.4%
Products		- 1.8%	- 1.8%	- 1.8%
Local Products/Completed Ops		+ 6.9%	+ 6.9%	+ 6.9%
Products/Completed Ops		+ 3.2%	+ 3.2%	+ 3.2%
General Liability Overall	4/1/2021	+ 6.1%	+ 5.7%	+ 5.7%

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		- 4.0%	- 4.0%	- 4.0%
OL&T		+10.6%	+ 5.0%	+ 5.0%
Prem/Ops Combined		+ 2.1%	- 0.2%	- 0.2%
Products		- 9.5%	- 9.5%	- 9.5%
Local Products/Completed Ops		+ 3.7%	+ 3.7%	+ 3.7%
Products/Completed Ops		- 2.9%	- 2.9%	- 2.9%
General Liability Overall	4/1/2020	+ 0.9%	- 0.9%	- 0.9%

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		- 1.0%	- 1.0%	- 1.0%
OL&T		- 3.3%	- 3.3%	- 3.3%
Prem/Ops Combined		- 2.0%	- 2.0%	- 2.0%
Products		- 8.2%	- 8.2%	- 8.2%
Local Products/Completed Ops		- 6.6%	- 6.6%	- 6.6%
Products/Completed Ops		- 7.4%	- 7.4%	- 7.4%
General Liability Overall	4/1/2019	- 3.4%	- 3.4%	- 3.4%

**GENERAL LIABILITY OTHER THAN PROFESSIONAL  
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**GENERAL LIABILITY OTHER THAN PROFESSIONAL  
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# WISCONSIN

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

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

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

Summary of Indications and Selected Loss Cost Level Changes	Manufacturers And Contractors	Owners, Landlords and Tenants	Overall Premises/ Operations	Products	Local Products/ Completed Operations	Products/ Completed Operations	Overall General Liability Other Than Professional
Statewide Indicated Monoline-Multiline Loss Cost Level Change (See Section C)	- 2.5%	- 3.9%	- 3.1%				
Statewide Indicated Monoline Loss Cost Level Change (See Section C)	- 0.5%	- 5.9%	- 3.0%	- 7.7%*	+ 2.6%**	- 1.9%	- 2.7%
Statewide Selected Monoline Loss Cost Level Change (See Section C)	- 0.5%	- 2.5%	- 1.4%	- 7.7%*	+ 2.6%	- 1.9%	- 1.5%

\* 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.

WISCONSIN

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

<u>CODE</u>	<u>TERRITORY DESCRIPTION</u>	<u>LATEST YEAR MONO/MULTI AGGREGATE LOSS COSTS AT CURRENT LEVEL (ALCCL)</u>	<u>INDICATED LOSS COST LEVEL CHANGE BEFORE CAPPING</u>	<u>SELECTED LOSS COST LEVEL CHANGE BEFORE CAPPING</u>	<u>LOSS COST LEVEL CHANGE AFTER CAPPING</u>
501	Milwaukee	\$ 2,809,366	- 6.3%	- 2.9%	- 2.9%
502	Green Bay, Kenosha, Madison, Racine and Surrounding Townships	2,298,213	- 6.3%	- 2.9%	- 2.9%
503	Remainder of State	7,473,359	- 5.6%	- 2.2%	- 2.2%
	STATEWIDE TOTAL	\$ 12,580,938	- 5.9%	- 2.5%	- 2.5%

WISCONSIN

PREMISES/OPERATIONS  
CLASS GROUP LOSS COST LEVEL CHANGES

MANUFACTURERS AND CONTRACTORS LIABILITY INSURANCE

CLASS GROUP	DESCRIPTION	LATEST YEAR MONO/MULTI ALCCL	INDICATED LOSS COST LEVEL CHANGE BEFORE CAPPING	SELECTED LOSS COST LEVEL CHANGE BEFORE CAPPING	LOSS COST LEVEL CHANGE AFTER CAPPING
30	SERVICE	\$ 968,827	0.0%	0.0%	0.0%
31	LIGHT CONTRACTING	1,090,982	- 2.6%	- 2.6%	- 2.6%
32	MEDIUM CONTRACTING	5,637,796	- 0.3%	- 0.3%	- 0.4%
33	HEAVY CONTRACTING	1,748,689	- 1.2%	- 1.2%	- 1.1%
34	DEALERS OR DISTRIBUTORS	1,100,218	+ 3.4%	+ 3.4%	+ 3.5%
35	LIGHT MANUFACTURERS	244,132	- 1.4%	- 1.4%	- 1.4%
36	MEDIUM MANUFACTURERS	1,476,702	0.0%	0.0%	+ 0.7%
37	HEAVY MANUFACTURERS	1,616,206	- 3.7%	- 3.7%	- 3.8%
38	MISCELLANEOUS OPERATIONS	965,261	+ 0.8%	+ 0.8%	+ 0.5%
	TOTAL	\$ 14,848,813	- 0.5%	- 0.5%	- 0.5%

OWNERS, LANDLORDS AND TENANTS LIABILITY INSURANCE

CLASS GROUP	DESCRIPTION	LATEST YEAR MONO/MULTI ALCCL	INDICATED LOSS COST LEVEL CHANGE BEFORE CAPPING	SELECTED LOSS COST LEVEL CHANGE BEFORE CAPPING	LOSS COST LEVEL CHANGE AFTER CAPPING
01	FOOD AND BEVERAGE (RETAIL)	\$ 274,884	- 4.9%	- 1.5%	- 1.6%
02	RESTAURANTS	554,685	- 5.3%	- 1.9%	- 1.9%
03	STORES	710,272	- 9.5%	- 6.2%	- 6.3%
04	VENDING AND RENTAL	70,889	- 5.9%	- 2.5%	- 2.6%
05	FOOD AND BEVERAGE DISTRIBUTORS	191,311	- 8.1%	- 4.8%	- 4.8%
06	NON-(FOOD AND BEVERAGE) DISTRIB.	619,724	- 8.6%	- 5.3%	- 5.8%
07	CLUBS, AMUSEMENTS AND SPORTS	630,638	+ 0.7%	+ 4.3%	+ 4.4%
08	HEALTH CARE FACILITIES	95,362	+ 0.5%	+ 4.1%	+ 5.7%
09	HOTELS AND MOTELS	728,963	- 2.8%	+ 0.7%	+ 0.8%
10	SCHOOLS AND CHURCHES	2,029,004	- 6.6%	- 3.2%	- 3.1%
11	APARTMENTS	2,014,232	- 4.6%	- 1.2%	- 1.3%
12	BUILDINGS AND OFFICES	4,202,506	- 7.1%	- 3.7%	- 3.8%
13	MISCELLANEOUS PREMISES	312,056	- 3.8%	- 0.3%	- 0.4%
16	GOVERNMENTAL SUBDIVISIONS	146,412	- 4.9%	- 1.5%	- 1.2%
	TOTAL	\$ 12,580,938	- 5.9%	- 2.5%	- 2.5%

WISCONSIN

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

CLASS GROUP	DESCRIPTION	LATEST YEAR MULTISTATE MONO/MULTI ALCCL AT MULTISTATE LEVEL	INDICATED MULTISTATE LOSS COST LEVEL CHANGE	LATEST YEAR STATEWIDE MONO/MULTI ALCCL AT CURRENT LEVEL	INDICATED STATEWIDE LOSS COST LEVEL CHANGE	SELECTED STATEWIDE LOSS COST LEVEL CHANGE
03	MANUFACTURERS, DEALERS OR DISTRIBUTORS-FOOD OR DRUG	\$ 30,887,125	- 4.9%	\$ 1,303,536	- 8.0%	- 8.0%
04	DEALERS OR DISTRIBUTORS-NOT FOOD OR DRUG	39,017,316	- 8.3%	799,547	- 10.8%	- 10.8%
05	MANUFACTURERS-NOT FOOD OR DRUG-LOW	4,813,738	- 2.6%	68,489	- 2.4%	- 2.4%
06	MANUFACTURERS-NOT FOOD OR DRUG-MEDIUM	35,560,474	- 5.2%	1,098,297	- 7.4%	- 7.4%
07	MANUFACTURERS-NOT FOOD OR DRUG-HIGH	8,547,659	- 6.0%	447,958	- 2.7%	- 2.7%
	PRODUCTS SUBTOTAL	\$ 118,826,312	- 6.1%	\$ 3,717,827	- 7.7%	- 7.7%
01	RETAIL STORES-FOOD OR DRUG			\$ 93,982	- 8.6%	- 7.6%
02	RETAIL STORES-NOT FOOD OR DRUG			288,569	+ 3.1%	+ 2.5%
11	COMPLETED OPERATIONS-LOW			353,088	+ 5.4%	+ 5.3%
12	COMPLETED OPERATIONS-MEDIUM			3,726,314	+ 3.3%	+ 3.3%
13	COMPLETED OPERATIONS-HIGH			388,971	- 4.4%	- 4.0%
	LOCAL PRODUCTS/COMPLETED OPERATIONS SUBTOTAL			\$ 4,850,924	+ 2.6%	+ 2.6%
	TOTAL			\$ 8,568,751	- 1.9%	- 1.9%

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

- M&C classes reflect an upper cap of +25% and a lower cap of -21% relative to current loss costs;
- OL&T classes reflect an upper cap of +25% and a lower cap of -23% relative to current loss costs;
- Products classes reflect an upper cap of +25% and a lower cap of -26% relative to current multistate loss costs;
- Local Products/Completed Operations classes reflect an upper cap of +28% 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: 1.000

OL&T: 1.000

LP/CO: 1.001

The Commercial General Liability loss costs are rounded as follows:

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

for example:

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

- NOTE: The offset of 0.993 has been applied to the loss costs for the payroll-based classes to reflect the change in payroll amount for executive officers, individual insureds or copartners on a revenue neutral basis.

STATE: 48 - WISCONSIN  
 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	0.102	0.108	-5.6	10054	503	3.160	3.020	4.6	10107	502	2.950	2.870	2.8
10010	502	0.099	0.105	-5.7	10060	501	0.157	0.168	-6.5	10107	503	2.160	2.090	3.3
10010	503	0.077	0.081	-4.9	10060	502	0.122	0.131	-6.9	10110	501	14.100	13.500	4.4
10011	501	0.024	0.026	-7.7	10060	503	0.184	0.196	-6.1	10110	502	15.500	14.900	4.0
10011	502	0.024	0.025	-4.0	10065	501	0.236	0.250	-5.6	10110	503	17.500	16.800	4.2
10011	503	0.018	0.019	-5.3	10065	502	0.183	0.196	-6.6	10111	501	0.127	0.135	-5.9
10012	501	0.028	0.030	-6.7	10065	503	0.280	0.290	-3.4	10111	502	0.124	0.131	-5.3
10012	502	0.027	0.029	-6.9	10066	501	0.240	0.260	-7.7	10111	503	0.096	0.102	-5.9
10012	503	0.021	0.022	-4.5	10066	502	0.187	0.200	-6.5	10113	501	0.320	0.340	-5.9
10015	501	4.130	3.970	4.0	10066	503	0.280	0.300	-6.7	10113	502	0.248	0.260	-4.6
10015	502	4.560	4.380	4.1	10070	501	0.058	0.062	-6.5	10113	503	0.370	0.400	-7.5
10015	503	5.150	4.930	4.5	10070	502	0.057	0.060	-5.0	10115	501	0.630	0.680	-7.4
10025	501	0.024	0.026	-7.7	10070	503	0.044	0.047	-6.4	10115	502	0.490	0.530	-7.5
10025	502	0.024	0.025	-4.0	10071	501	0.280	0.300	-6.7	10115	503	0.740	0.790	-6.3
10025	503	0.018	0.019	-5.3	10071	502	0.219	0.234	-6.4	10117	501	4.100	3.950	3.8
10026	501	0.570	0.610	-6.6	10071	503	0.330	0.350	-5.7	10117	502	4.530	4.360	3.9
10026	502	0.440	0.480	-8.3	10072	501	4.920	4.910	0.2	10117	503	5.120	4.900	4.5
10026	503	0.670	0.710	-5.6	10072	502	5.100	5.070	0.6	10120	501	9.200	8.850	4.0
10027	501	0.024	0.026	-7.7	10072	503	5.440	5.410	0.6	10120	502	10.200	9.770	4.4
10027	502	0.024	0.025	-4.0	10073	501	0.970	0.940	3.2	10120	503	11.500	11.000	4.5
10027	503	0.018	0.019	-5.3	10073	502	0.970	0.940	3.2	10130	501	3.140	3.350	-6.3
10036	501	0.620	0.610	1.6	10073	503	0.710	0.680	4.4	10130	502	2.440	2.610	-6.5
10036	502	0.620	0.600	3.3	10075	501	7.180	6.990	2.7	10130	503	3.670	3.910	-6.1
10036	503	0.450	0.440	2.3	10075	502	7.170	6.960	3.0	10132	501	2.700	2.890	-6.6
10040	501	0.077	0.082	-6.1	10075	503	5.240	5.060	3.6	10132	502	2.100	2.250	-6.7
10040	502	0.076	0.080	-5.0	10100	501	0.380	0.390	-2.6	10132	503	3.160	3.370	-6.2
10040	503	0.059	0.062	-4.8	10100	502	0.480	0.490	-2.0	10133	501	2.910	3.000	-3.0
10042	501	0.330	0.350	-5.7	10100	503	0.590	0.600	-1.7	10133	502	2.620	2.680	-2.2
10042	502	0.250	0.270	-7.4	10101	501	0.212	0.227	-6.6	10133	503	1.690	1.730	-2.3
10042	503	0.380	0.410	-7.3	10101	502	0.165	0.177	-6.8	10140	501	0.016	0.017	-5.9
10052	501	2.860	2.750	4.0	10101	503	0.249	0.260	-4.2	10140	502	0.035	0.036	-2.8
10052	502	3.160	3.030	4.3	10105	501	2.300	2.460	-6.5	10140	503	0.025	0.026	-3.8
10052	503	3.560	3.410	4.4	10105	502	1.790	1.910	-6.3	10141	501	0.032	0.034	-5.9
10054	501	2.540	2.440	4.1	10105	503	2.690	2.870	-6.3	10141	502	0.069	0.072	-4.2
10054	502	2.800	2.690	4.1	10107	501	2.960	2.880	2.8	10141	503	0.049	0.052	-5.8

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STATE: 48 - WISCONSIN  
 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
10145	501	0.155	0.164	-5.5	10256	503	0.620	0.590	5.1	10381	502	4.300	4.130	4.1
10145	502	0.330	0.350	-5.7	10257	501	0.159	0.155	2.6	10381	503	4.860	4.640	4.7
10145	503	0.237	0.248	-4.4	10257	502	0.159	0.154	3.2	11007	501	1.850	1.840	0.5
10146	501	0.171	0.173	-1.2	10257	503	0.116	0.112	3.6	11007	502	1.920	1.900	1.1
10146	502	0.213	0.217	-1.8	10309	501	0.143	0.153	-6.5	11007	503	2.050	2.030	1.0
10146	503	0.260	0.270	-3.7	10309	502	0.111	0.119	-6.7	11020	501	0.270	0.290	-6.9
10150	501	0.440	0.470	-6.4	10309	503	0.168	0.178	-5.6	11020	502	0.208	0.223	-6.7
10150	502	0.340	0.360	-5.6	10315	501	0.340	0.360	-5.6	11020	503	0.310	0.330	-6.1
10150	503	0.510	0.550	-7.3	10315	502	0.260	0.280	-7.1	11039	501	0.840	0.820	2.4
10151	501	11.000	11.800	-6.8	10315	503	0.390	0.420	-7.1	11039	502	0.840	0.820	2.4
10151	502	8.580	9.180	-6.5	10331	501	5.600	5.390	3.9	11039	503	0.610	0.590	3.4
10151	503	12.900	13.800	-6.5	10331	502	6.190	5.950	4.0	11052	501	3.020	3.120	-3.2
10160	501	1.970	2.100	-6.2	10331	503	6.990	6.680	4.6	11052	502	2.730	2.790	-2.2
10160	502	1.530	1.640	-6.7	10332	501	9.670	9.300	4.0	11052	503	1.760	1.800	-2.2
10160	503	2.300	2.450	-6.1	10332	502	10.700	10.300	3.9	11126	501	0.055	0.059	-6.8
10204	501	0.199	0.212	-6.1	10332	503	12.100	11.500	5.2	11126	502	0.043	0.046	-6.5
10204	502	0.154	0.165	-6.7	10352	501	0.223	0.226	-1.3	11126	503	0.065	0.069	-5.8
10204	503	0.233	0.247	-5.7	10352	502	0.280	0.280	0.0	11127	501	0.320	0.340	-5.9
10205	501	0.222	0.237	-6.3	10352	503	0.340	0.350	-2.9	11127	502	0.320	0.330	-3.0
10205	502	0.172	0.184	-6.5	10367	501	4.350	4.340	0.2	11127	503	0.245	0.260	-5.8
10205	503	0.260	0.280	-7.1	10367	502	4.500	4.480	0.4	11128	501	0.440	0.460	-4.3
10210	501	0.360	0.380	-5.3	10367	503	4.810	4.780	0.6	11128	502	0.430	0.450	-4.4
10210	502	0.280	0.290	-3.4	10368	501	6.360	6.340	0.3	11128	503	0.330	0.350	-5.7
10210	503	0.420	0.440	-4.5	10368	502	6.580	6.540	0.6	11138	501	1.400	1.350	3.7
10211	501	0.360	0.380	-5.3	10368	503	7.030	6.990	0.6	11138	502	1.550	1.490	4.0
10211	502	0.280	0.290	-3.4	10378	501	5.670	5.460	3.8	11138	503	1.750	1.670	4.8
10211	503	0.420	0.440	-4.5	10378	502	6.270	6.020	4.2	11155	501	0.189	0.202	-6.4
10220	501	4.170	4.460	-6.5	10378	503	7.070	6.770	4.4	11155	502	0.147	0.157	-6.4
10220	502	3.240	3.470	-6.6	10379	501	2.630	2.530	4.0	11155	503	0.222	0.236	-5.9
10220	503	4.890	5.200	-6.0	10379	502	2.910	2.790	4.3	11167	501	0.700	0.720	-2.8
10255	501	0.230	0.224	2.7	10379	503	3.280	3.140	4.5	11167	502	0.630	0.640	-1.6
10255	502	0.230	0.223	3.1	10380	501	4.500	4.320	4.2	11167	503	0.410	0.420	-2.4
10255	503	0.168	0.162	3.7	10380	502	4.970	4.770	4.2	11168	501	3.610	3.730	-3.2
10256	501	0.840	0.820	2.4	10380	503	5.610	5.360	4.7	11168	502	3.260	3.330	-2.1
10256	502	0.840	0.820	2.4	10381	501	3.890	3.750	3.7	11168	503	2.100	2.150	-2.3

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STATE: 48 - WISCONSIN  
 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
11201	501	16.200	16.100	0.6	11213	503	2.310	2.290	0.9	12361	502	0.075	0.079	-5.1
11201	502	16.800	16.700	0.6	11214	501	5.140	5.120	0.4	12361	503	0.053	0.056	-5.4
11201	503	17.900	17.800	0.6	11214	502	5.320	5.280	0.8	12362	501	0.064	0.068	-5.9
11202	501	4.790	4.770	0.4	11214	503	5.680	5.640	0.7	12362	502	0.062	0.066	-6.1
11202	502	4.960	4.930	0.6	11222	501	0.086	0.086	0.0	12362	503	0.048	0.051	-5.9
11202	503	5.300	5.260	0.8	11222	502	0.089	0.089	0.0	12373	501	0.024	0.026	-7.7
11203	501	0.750	0.800	-6.3	11222	503	0.096	0.095	1.1	12373	502	0.024	0.025	-4.0
11203	502	0.740	0.770	-3.9	11234	501	0.249	0.270	-7.8	12373	503	0.018	0.019	-5.3
11203	503	0.570	0.600	-5.0	11234	502	0.194	0.207	-6.3	12374	501	0.540	0.580	-6.9
11204	501	0.280	0.300	-6.7	11234	503	0.290	0.310	-6.5	12374	502	0.420	0.450	-6.7
11204	502	0.215	0.230	-6.5	11248	501	0.044	0.043	2.3	12374	503	0.640	0.680	-5.9
11204	503	0.320	0.350	-8.6	11248	502	0.044	0.042	4.8	12375	501	0.270	0.290	-6.9
11206	501	0.750	0.750	0.0	11248	503	0.032	0.031	3.2	12375	502	0.208	0.223	-6.7
11206	502	0.780	0.770	1.3	11258	501	0.460	0.470	-2.1	12375	503	0.310	0.330	-6.1
11206	503	0.830	0.830	0.0	11258	502	0.570	0.580	-1.7	12391	501	0.048	0.051	-5.9
11207	501	9.490	9.460	0.3	11258	503	0.710	0.720	-1.4	12391	502	0.047	0.049	-4.1
11207	502	9.820	9.760	0.6	11259	501	0.490	0.500	-2.0	12391	503	0.036	0.038	-5.3
11207	503	10.500	10.400	1.0	11259	502	0.620	0.630	-1.6	12393	501	0.360	0.380	-5.3
11208	501	1.630	1.620	0.6	11259	503	0.760	0.770	-1.3	12393	502	0.280	0.300	-6.7
11208	502	1.680	1.670	0.6	11273	501	12.400	13.200	-6.1	12393	503	0.420	0.440	-4.5
11208	503	1.800	1.790	0.6	11273	502	9.600	10.300	-6.8	12467	501	0.148	0.158	-6.3
11209	501	7.640	7.610	0.4	11273	503	14.500	15.400	-5.8	12467	502	0.115	0.123	-6.5
11209	502	7.910	7.860	0.6	11274	501	11.900	12.700	-6.3	12467	503	0.173	0.184	-6.0
11209	503	8.450	8.390	0.7	11274	502	9.220	9.860	-6.5	12509	501	0.058	0.056	3.6
11210	501	3.250	3.240	0.3	11274	503	13.900	14.800	-6.1	12509	502	0.058	0.056	3.6
11210	502	3.370	3.350	0.6	11288	501	0.560	0.570	-1.8	12509	503	0.042	0.041	2.4
11210	503	3.600	3.570	0.8	11288	502	0.700	0.720	-2.8	12510	501	0.730	0.710	2.8
11211	501	16.900	16.800	0.6	11288	503	0.870	0.880	-1.1	12510	502	0.730	0.710	2.8
11211	502	17.500	17.400	0.6	12014	501	0.094	0.092	2.2	12510	503	0.530	0.520	1.9
11211	503	18.700	18.600	0.5	12014	502	0.094	0.092	2.2	12583	501	0.320	0.320	0.0
11212	501	2.560	2.550	0.4	12014	503	0.069	0.067	3.0	12583	502	0.320	0.310	3.2
11212	502	2.650	2.630	0.8	12356	501	1.050	1.120	-6.3	12583	503	0.237	0.229	3.5
11212	503	2.830	2.810	0.7	12356	502	0.810	0.870	-6.9	12651	501	0.950	0.920	3.3
11213	501	2.090	2.080	0.5	12356	503	1.230	1.310	-6.1	12651	502	0.950	0.920	3.3
11213	502	2.160	2.150	0.5	12361	501	0.035	0.037	-5.4	12651	503	0.690	0.670	3.0

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LOSS COST % CHANGE BY CLASS

CLASS	TERR	PROPOSED OCCURR	PRESENT OCCURR	% CHG	CLASS	TERR	PROPOSED OCCURR	PRESENT OCCURR	% CHG	CLASS	TERR	PROPOSED OCCURR	PRESENT OCCURR	% CHG
12683	501	0.430	0.420	2.4	13205	503	0.270	0.260	3.8	13621	502	0.115	0.112	2.7
12683	502	0.430	0.420	2.4	13314	501	0.106	0.114	-7.0	13621	503	0.084	0.081	3.7
12683	503	0.320	0.310	3.2	13314	502	0.083	0.088	-5.7	13670	501	0.020	0.021	-4.8
12707	501	0.420	0.440	-4.5	13314	503	0.124	0.132	-6.1	13670	502	0.042	0.044	-4.5
12707	502	0.410	0.430	-4.7	13351	501	0.260	0.280	-7.1	13670	503	0.030	0.031	-3.2
12707	503	0.320	0.340	-5.9	13351	502	0.201	0.215	-6.5	13673	501	0.350	0.350	0.0
12797	501	0.088	0.093	-5.4	13351	503	0.300	0.320	-6.3	13673	502	0.430	0.440	-2.3
12797	502	0.086	0.091	-5.5	13352	501	0.260	0.280	-7.1	13673	503	0.540	0.550	-1.8
12797	503	0.067	0.071	-5.6	13352	502	0.205	0.219	-6.4	13715	501	0.064	0.068	-5.9
12805	501	0.290	0.310	-6.5	13352	503	0.310	0.330	-6.1	13715	502	0.062	0.066	-6.1
12805	502	0.222	0.238	-6.7	13410	501	1.320	1.290	2.3	13715	503	0.048	0.051	-5.9
12805	503	0.340	0.360	-5.6	13410	502	1.320	1.280	3.1	13716	501	0.400	0.430	-7.0
12841	501	0.480	0.510	-5.9	13410	503	0.970	0.930	4.3	13716	502	0.310	0.330	-6.1
12841	502	0.370	0.400	-7.5	13412	501	0.450	0.430	4.7	13716	503	0.470	0.500	-6.0
12841	503	0.560	0.590	-5.1	13412	502	0.450	0.430	4.7	13720	501	0.197	0.199	-1.0
12927	501	0.083	0.089	-6.7	13412	503	0.330	0.320	3.1	13720	502	0.245	0.250	-2.0
12927	502	0.065	0.069	-5.8	13453	501	0.520	0.500	4.0	13720	503	0.300	0.310	-3.2
12927	503	0.097	0.104	-6.7	13453	502	0.520	0.500	4.0	13759	501	0.157	0.168	-6.5
13049	501	0.018	0.019	-5.3	13453	503	0.380	0.360	5.6	13759	502	0.122	0.131	-6.9
13049	502	0.039	0.041	-4.9	13454	501	0.600	0.590	1.7	13759	503	0.184	0.196	-6.1
13049	503	0.028	0.029	-3.4	13454	502	0.600	0.590	1.7	13930	501	0.136	0.144	-5.6
13111	501	0.430	0.430	0.0	13454	503	0.440	0.430	2.3	13930	502	0.133	0.140	-5.0
13111	502	0.530	0.540	-1.9	13455	501	0.610	0.600	1.7	13930	503	0.103	0.109	-5.5
13111	503	0.660	0.670	-1.5	13455	502	0.610	0.590	3.4	14068	501	0.035	0.037	-5.4
13112	501	0.030	0.032	-6.3	13455	503	0.450	0.430	4.7	14068	502	0.027	0.029	-6.9
13112	502	0.064	0.067	-4.5	13506	501	0.810	0.870	-6.9	14068	503	0.041	0.043	-4.7
13112	503	0.045	0.048	-6.3	13506	502	0.630	0.680	-7.4	14101	501	0.410	0.430	-4.7
13201	501	0.840	0.810	3.7	13506	503	0.950	1.010	-5.9	14101	502	0.320	0.340	-5.9
13201	502	0.840	0.810	3.7	13507	501	0.980	1.050	-6.7	14101	503	0.480	0.510	-5.9
13201	503	0.610	0.590	3.4	13507	502	0.760	0.810	-6.2	14279	501	0.440	0.430	2.3
13204	501	0.950	0.920	3.3	13507	503	1.150	1.220	-5.7	14279	502	0.440	0.430	2.3
13204	502	0.950	0.920	3.3	13590	501	0.460	0.440	4.5	14279	503	0.320	0.310	3.2
13204	503	0.690	0.670	3.0	13590	502	0.460	0.440	4.5	14401	501	0.460	0.470	-2.1
13205	501	0.360	0.350	2.9	13590	503	0.330	0.320	3.1	14401	502	0.580	0.590	-1.7
13205	502	0.360	0.350	2.9	13621	501	0.115	0.112	2.7	14401	503	0.720	0.730	-1.4

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LOSS COST % CHANGE BY CLASS

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14405	501	1.090	1.080	0.9	15070	503	0.161	0.160	0.6	15600	502	0.660	0.710	-7.0
14405	502	1.130	1.120	0.9	15123	501	2.900	2.990	-3.0	15600	503	1.000	1.060	-5.7
14405	503	1.200	1.190	0.8	15123	502	2.610	2.670	-2.2	15607	501	0.191	0.190	0.5
14527	501	0.260	0.280	-7.1	15123	503	1.690	1.730	-2.3	15607	502	0.197	0.196	0.5
14527	502	0.250	0.270	-7.4	15124	501	1.010	1.050	-3.8	15607	503	0.211	0.209	1.0
14527	503	0.197	0.208	-5.3	15124	502	0.910	0.940	-3.2	15608	501	0.189	0.202	-6.4
14655	501	0.079	0.084	-6.0	15124	503	0.590	0.600	-1.7	15608	502	0.147	0.157	-6.4
14655	502	0.061	0.065	-6.2	15188	501	0.320	0.310	3.2	15608	503	0.222	0.236	-5.9
14655	503	0.092	0.098	-6.1	15188	502	0.320	0.310	3.2	15656	501	5.590	5.980	-6.5
14731	501	3.000	3.090	-2.9	15188	503	0.234	0.226	3.5	15656	502	4.340	4.650	-6.7
14731	502	2.710	2.770	-2.2	15223	501	0.023	0.024	-4.2	15656	503	6.550	6.970	-6.0
14731	503	1.740	1.790	-2.8	15223	502	0.050	0.052	-3.8	15699	501	0.470	0.470	0.0
14732	501	0.222	0.229	-3.1	15223	503	0.035	0.037	-5.4	15699	502	0.490	0.480	2.1
14732	502	0.200	0.205	-2.4	15224	501	0.208	0.211	-1.4	15699	503	0.520	0.520	0.0
14732	503	0.129	0.132	-2.3	15224	502	0.260	0.260	0.0	15733	501	0.203	0.197	3.0
14733	501	0.550	0.590	-6.8	15224	503	0.320	0.330	-3.0	15733	502	0.202	0.197	2.5
14733	502	0.430	0.460	-6.5	15314	501	0.189	0.202	-6.4	15733	503	0.148	0.143	3.5
14733	503	0.640	0.680	-5.9	15314	502	0.147	0.157	-6.4	15839	501	0.250	0.270	-7.4
14734	501	0.236	0.250	-5.6	15314	503	0.222	0.236	-5.9	15839	502	0.197	0.211	-6.6
14734	502	0.183	0.196	-6.6	15404	501	0.083	0.081	2.5	15839	503	0.300	0.320	-6.3
14734	503	0.280	0.290	-3.4	15404	502	0.083	0.080	3.7	15991	501	0.208	0.222	-6.3
14855	501	0.203	0.197	3.0	15404	503	0.061	0.058	5.2	15991	502	0.161	0.173	-6.9
14855	502	0.202	0.197	2.5	15405	501	0.122	0.119	2.5	15991	503	0.243	0.260	-6.5
14855	503	0.148	0.143	3.5	15405	502	0.122	0.118	3.4	15993	501	0.175	0.188	-6.9
14913	501	0.300	0.320	-6.3	15405	503	0.089	0.086	3.5	15993	502	0.136	0.146	-6.8
14913	502	0.230	0.246	-6.5	15406	501	0.310	0.300	3.3	15993	503	0.205	0.219	-6.4
14913	503	0.350	0.370	-5.4	15406	502	0.310	0.300	3.3	16005	501	0.034	0.036	-5.6
15062	501	0.182	0.177	2.8	15406	503	0.227	0.219	3.7	16005	502	0.033	0.035	-5.7
15062	502	0.182	0.176	3.4	15488	501	0.780	0.760	2.6	16005	503	0.026	0.027	-3.7
15062	503	0.133	0.128	3.9	15488	502	0.780	0.750	4.0	16009	501	0.249	0.242	2.9
15063	501	0.212	0.206	2.9	15488	503	0.570	0.550	3.6	16009	502	0.248	0.241	2.9
15063	502	0.212	0.205	3.4	15538	501	0.340	0.360	-5.6	16009	503	0.182	0.175	4.0
15063	503	0.155	0.149	4.0	15538	502	0.260	0.280	-7.1	16402	501	1.260	1.340	-6.0
15070	501	0.146	0.145	0.7	15538	503	0.390	0.420	-7.1	16402	502	0.980	1.040	-5.8
15070	502	0.151	0.150	0.7	15600	501	0.850	0.910	-6.6	16402	503	1.470	1.570	-6.4

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16403	501	0.790	0.850	-7.1	16750	503	0.108	0.115	-6.1	16906	502	1.020	1.040	-1.9
16403	502	0.620	0.660	-6.1	16751	501	0.092	0.099	-7.1	16906	503	1.050	1.070	-1.9
16403	503	0.930	0.990	-6.1	16751	502	0.072	0.077	-6.5	16910	501	0.920	0.950	-3.2
16404	501	1.000	1.070	-6.5	16751	503	0.108	0.115	-6.1	16910	502	0.910	0.930	-2.2
16404	502	0.780	0.830	-6.0	16819	501	1.100	1.070	2.8	16910	503	0.940	0.960	-2.1
16404	503	1.170	1.250	-6.4	16819	502	1.100	1.070	2.8	16911	501	0.840	0.860	-2.3
16471	501	0.270	0.270	0.0	16819	503	0.800	0.780	2.6	16911	502	0.820	0.840	-2.4
16471	502	0.280	0.280	0.0	16820	501	0.850	0.830	2.4	16911	503	0.850	0.870	-2.3
16471	503	0.300	0.300	0.0	16820	502	0.850	0.830	2.4	16915	501	0.950	0.970	-2.1
16501	501	0.072	0.076	-5.3	16820	503	0.620	0.600	3.3	16915	502	0.930	0.950	-2.1
16501	502	0.070	0.074	-5.4	16881	501	1.450	1.540	-5.8	16915	503	0.970	0.980	-1.0
16501	503	0.054	0.057	-5.3	16881	502	1.120	1.200	-6.7	16916	501	0.790	0.810	-2.5
16527	501	0.110	0.116	-5.2	16881	503	1.690	1.800	-6.1	16916	502	0.780	0.790	-1.3
16527	502	0.107	0.113	-5.3	16890	501	0.129	0.126	2.4	16916	503	0.800	0.820	-2.4
16527	503	0.083	0.088	-5.7	16890	502	0.129	0.125	3.2	16920	501	2.100	2.150	-2.3
16588	501	0.115	0.112	2.7	16890	503	0.094	0.091	3.3	16920	502	2.060	2.110	-2.4
16588	502	0.115	0.112	2.7	16891	501	0.141	0.137	2.9	16920	503	2.140	2.170	-1.4
16588	503	0.084	0.081	3.7	16891	502	0.140	0.136	2.9	16921	501	1.920	1.970	-2.5
16604	501	0.194	0.188	3.2	16891	503	0.103	0.099	4.0	16921	502	1.890	1.930	-2.1
16604	502	0.193	0.188	2.7	16892	501	0.260	0.249	4.4	16921	503	1.950	1.990	-2.0
16604	503	0.141	0.136	3.7	16892	502	0.260	0.248	4.8	16930	501	1.210	1.240	-2.4
16670	501	2.330	2.240	4.0	16892	503	0.187	0.180	3.9	16930	502	1.190	1.210	-1.7
16670	502	2.570	2.470	4.0	16900	501	1.540	1.580	-2.5	16930	503	1.230	1.250	-1.6
16670	503	2.900	2.770	4.7	16900	502	1.510	1.550	-2.6	16931	501	1.300	1.340	-3.0
16676	501	0.260	0.280	-7.1	16900	503	1.570	1.590	-1.3	16931	502	1.280	1.310	-2.3
16676	502	0.205	0.219	-6.4	16901	501	0.990	1.010	-2.0	16931	503	1.330	1.350	-1.5
16676	503	0.310	0.330	-6.1	16901	502	0.970	0.990	-2.0	16940	501	2.620	2.690	-2.6
16694	501	0.380	0.370	2.7	16901	503	1.010	1.020	-1.0	16940	502	2.580	2.630	-1.9
16694	502	0.380	0.370	2.7	16902	501	0.840	0.860	-2.3	16940	503	2.670	2.710	-1.5
16694	503	0.280	0.270	3.7	16902	502	0.820	0.840	-2.4	16941	501	1.050	1.080	-2.8
16705	501	0.204	0.216	-5.6	16902	503	0.850	0.870	-2.3	16941	502	1.030	1.050	-1.9
16705	502	0.199	0.210	-5.2	16905	501	1.620	1.660	-2.4	16941	503	1.070	1.090	-1.8
16705	503	0.154	0.163	-5.5	16905	502	1.590	1.630	-2.5	18078	501	0.116	0.122	-4.9
16750	501	0.092	0.099	-7.1	16905	503	1.650	1.680	-1.8	18078	502	0.113	0.119	-5.0
16750	502	0.072	0.077	-6.5	16906	501	1.040	1.060	-1.9	18078	503	0.088	0.093	-5.4

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18109	501	0.350	0.370	-5.4	18507	503	0.195	0.207	-5.8	19795	502	0.212	0.226	-6.2
18109	502	0.270	0.290	-6.9	18570	501	1.740	1.860	-6.5	19795	503	0.320	0.340	-5.9
18109	503	0.410	0.430	-4.7	18570	502	1.350	1.440	-6.3	19796	501	0.320	0.340	-5.9
18110	501	0.280	0.300	-6.7	18570	503	2.030	2.160	-6.0	19796	502	0.248	0.260	-4.6
18110	502	0.215	0.230	-6.5	18616	501	0.310	0.300	3.3	19796	503	0.370	0.400	-7.5
18110	503	0.320	0.350	-8.6	18616	502	0.310	0.300	3.3	40045	501	129.000	124.000	4.0
18205	501	0.179	0.189	-5.3	18616	503	0.225	0.218	3.2	40045	502	142.000	137.000	3.6
18205	502	0.174	0.183	-4.9	18707	501	0.010	0.010	0.0	40045	503	161.000	154.000	4.5
18205	503	0.135	0.143	-5.6	18707	502	0.009	0.010	-10.0	40046	501	25.500	24.500	4.1
18206	501	0.450	0.480	-6.3	18707	503	0.007	0.008	-12.5	40046	502	28.100	27.000	4.1
18206	502	0.350	0.370	-5.4	18708	501	0.102	0.109	-6.4	40046	503	31.700	30.400	4.3
18206	503	0.520	0.560	-7.1	18708	502	0.079	0.084	-6.0	40047	501	9.080	8.730	4.0
18335	501	0.320	0.350	-8.6	18708	503	0.119	0.127	-6.3	40047	502	10.000	9.630	3.8
18335	502	0.250	0.270	-7.4	18833	501	0.115	0.121	-5.0	40047	503	11.300	10.800	4.6
18335	503	0.380	0.400	-5.0	18833	502	0.112	0.118	-5.1	40059	501	3.250	3.130	3.8
18435	501	0.410	0.410	0.0	18833	503	0.087	0.092	-5.4	40059	502	3.590	3.450	4.1
18435	502	0.500	0.510	-2.0	18834	501	0.260	0.280	-7.1	40059	503	4.050	3.880	4.4
18435	503	0.630	0.630	0.0	18834	502	0.205	0.219	-6.4	40061	501	1.720	1.660	3.6
18436	501	0.330	0.330	0.0	18834	503	0.310	0.330	-6.1	40061	502	1.900	1.830	3.8
18436	502	0.410	0.410	0.0	18911	501	0.830	0.890	-6.7	40061	503	2.150	2.060	4.4
18436	503	0.510	0.510	0.0	18911	502	0.650	0.690	-5.8	40063	501	57.700	55.500	4.0
18437	501	0.460	0.490	-6.1	18911	503	0.970	1.040	-6.7	40063	502	63.700	61.200	4.1
18437	502	0.360	0.380	-5.3	18912	501	1.570	1.670	-6.0	40063	503	71.900	68.800	4.5
18437	503	0.540	0.580	-6.9	18912	502	1.220	1.300	-6.2	40064	501	17.000	16.300	4.3
18438	501	0.890	0.950	-6.3	18912	503	1.830	1.950	-6.2	40064	502	18.700	18.000	3.9
18438	502	0.690	0.740	-6.8	18920	501	0.410	0.430	-4.7	40064	503	21.100	20.200	4.5
18438	503	1.040	1.100	-5.5	18920	502	0.320	0.340	-5.9	40075	501	57.200	57.800	-1.0
18501	501	0.370	0.380	-2.6	18920	503	0.480	0.510	-5.9	40075	502	25.700	25.800	-0.4
18501	502	0.460	0.470	-2.1	19007	501	1.130	1.170	-3.4	40075	503	22.200	22.200	0.0
18501	503	0.570	0.580	-1.7	19007	502	1.020	1.050	-2.9	40101	501	4.740	4.500	5.3
18506	501	0.410	0.390	5.1	19007	503	0.660	0.680	-2.9	40101	502	4.760	4.520	5.3
18506	502	0.400	0.390	2.6	19051	501	2.510	2.590	-3.1	40101	503	9.820	9.290	5.7
18506	503	0.300	0.290	3.4	19051	502	2.270	2.320	-2.2	40102	501	4.190	3.980	5.3
18507	501	0.166	0.178	-6.7	19051	503	1.460	1.500	-2.7	40102	502	4.200	4.000	5.0
18507	502	0.129	0.138	-6.5	19795	501	0.270	0.290	-6.9	40102	503	8.670	8.210	5.6

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LOSS COST % CHANGE BY CLASS

CLASS	TERR	PROPOSED OCCURR	PRESENT OCCURR	% CHG	CLASS	TERR	PROPOSED OCCURR	PRESENT OCCURR	% CHG	CLASS	TERR	PROPOSED OCCURR	PRESENT OCCURR	% CHG
40111	501	4.570	4.390	4.1	41667	503	66.500	63.600	4.6	43152	502	10.900	11.300	-3.5
40111	502	5.040	4.850	3.9	41668	501	50.000	48.100	4.0	43152	503	12.700	13.200	-3.8
40111	503	5.690	5.450	4.4	41668	502	55.200	53.000	4.2	43200	501	108.000	109.000	-0.9
41001	501	0.154	0.148	4.1	41668	503	62.300	59.600	4.5	43200	502	48.600	48.800	-0.4
41001	502	0.170	0.164	3.7	41669	501	0.350	0.340	2.9	43200	503	42.000	42.000	0.0
41001	503	0.192	0.184	4.3	41669	502	0.390	0.370	5.4	43421	501	29.700	30.000	-1.0
41421	501	0.290	0.300	-3.3	41669	503	0.440	0.420	4.8	43421	502	13.300	13.400	-0.7
41421	502	0.242	0.250	-3.2	41670	501	0.590	0.570	3.5	43421	503	11.500	11.500	0.0
41421	503	0.221	0.228	-3.1	41670	502	0.650	0.620	4.8	43422	501	156.000	157.000	-0.6
41422	501	0.154	0.160	-3.7	41670	503	0.730	0.700	4.3	43422	502	69.800	70.200	-0.6
41422	502	0.129	0.133	-3.0	41677	501	0.280	0.280	0.0	43422	503	60.400	60.400	0.0
41422	503	0.118	0.122	-3.3	41677	502	0.290	0.290	0.0	43470	501	5.160	5.140	0.4
41510	501	41.800	44.700	-6.5	41677	503	0.310	0.310	0.0	43470	502	5.340	5.310	0.6
41510	502	32.500	34.700	-6.3	41678	501	47.700	49.700	-4.0	43470	503	5.710	5.670	0.7
41510	503	48.900	52.100	-6.1	41678	502	36.300	37.800	-4.0	43518	501	8.360	8.040	4.0
41603	501	13.600	14.200	-4.2	41678	503	42.500	44.000	-3.4	43518	502	9.240	8.870	4.2
41603	502	11.500	11.800	-2.5	41680	501	9.990	10.400	-3.9	43518	503	10.400	9.970	4.3
41603	503	10.500	10.800	-2.8	41680	502	8.390	8.670	-3.2	43550	501	106.000	107.000	-0.9
41604	501	7.490	7.780	-3.7	41680	503	7.680	7.910	-2.9	43550	502	47.500	47.700	-0.4
41604	502	6.290	6.500	-3.2	41696	501	0.890	0.880	1.1	43550	503	41.000	41.100	-0.2
41604	503	5.760	5.930	-2.9	41696	502	0.920	0.910	1.1	43551	501	58.800	59.400	-1.0
41620	501	1.360	1.350	0.7	41696	503	0.980	0.970	1.0	43551	502	26.300	26.500	-0.8
41620	502	1.400	1.400	0.0	41697	501	0.620	0.610	1.6	43551	503	22.800	22.800	0.0
41620	503	1.500	1.490	0.7	41697	502	0.640	0.630	1.6	43626	501	6.680	6.430	3.9
41650	501	19.200	20.000	-4.0	41697	503	0.680	0.680	0.0	43626	502	7.380	7.090	4.1
41650	502	16.100	16.700	-3.6	41715	501	6.340	6.580	-3.6	43626	503	8.330	7.970	4.5
41650	503	14.800	15.200	-2.6	41715	502	5.320	5.500	-3.3	43628	501	86.800	83.500	4.0
41664	501	19.500	18.800	3.7	41715	503	4.870	5.020	-3.0	43628	502	95.900	92.100	4.1
41664	502	21.500	20.700	3.9	41716	501	4.040	4.190	-3.6	43628	503	108.000	104.000	3.8
41664	503	24.300	23.300	4.3	41716	502	3.390	3.500	-3.1	43629	501	73.600	70.800	4.0
41665	501	2.280	2.200	3.6	41716	503	3.100	3.190	-2.8	43629	502	81.300	78.100	4.1
41665	502	2.520	2.420	4.1	43151	501	28.500	28.800	-1.0	43629	503	91.800	87.800	4.6
41665	503	2.850	2.720	4.8	43151	502	12.800	12.800	0.0	43760	501	2.450	2.360	3.8
41667	501	53.300	51.300	3.9	43151	503	11.000	11.000	0.0	43760	502	2.710	2.600	4.2
41667	502	58.900	56.600	4.1	43152	501	14.300	14.900	-4.0	43760	503	3.060	2.920	4.8

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LOSS COST % CHANGE BY CLASS

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43822	501	4.070	4.050	0.5	44102	503	2.030	2.060	-1.5	44315	502	3.200	3.080	3.9
43822	502	4.220	4.180	1.0	44103	501	1.580	1.610	-1.9	44315	503	3.620	3.460	4.6
43822	503	4.510	4.460	1.1	44103	502	1.460	1.490	-2.0	44427	501	17.100	16.300	4.9
43840	501	0.050	0.050	0.0	44103	503	1.800	1.820	-1.1	44427	502	17.200	16.300	5.5
43840	502	0.052	0.052	0.0	44104	501	0.660	0.680	-2.9	44427	503	35.500	33.600	5.7
43840	503	0.056	0.055	1.8	44104	502	0.610	0.620	-1.6	44428	501	17.200	16.400	4.9
43860	501	3.230	3.220	0.3	44104	503	0.750	0.760	-1.3	44428	502	17.300	16.400	5.5
43860	502	3.340	3.320	0.6	44108	501	0.780	0.790	-1.3	44428	503	35.700	33.800	5.6
43860	503	3.570	3.550	0.6	44108	502	0.720	0.730	-1.4	44429	501	0.260	0.245	6.1
43889	501	1.150	1.150	0.0	44108	503	0.880	0.900	-2.2	44429	502	0.260	0.246	5.7
43889	502	1.200	1.190	0.8	44109	501	1.960	2.010	-2.5	44429	503	0.540	0.510	5.9
43889	503	1.280	1.270	0.8	44109	502	1.820	1.850	-1.6	44430	501	0.180	0.171	5.3
44009	501	3.530	3.650	-3.3	44109	503	2.240	2.270	-1.3	44430	502	0.180	0.171	5.3
44009	502	3.190	3.260	-2.1	44110	501	2.010	2.050	-2.0	44430	503	0.370	0.350	5.7
44009	503	2.060	2.110	-2.4	44110	502	1.860	1.900	-2.1	44431	501	0.570	0.550	3.6
44069	501	7.140	6.870	3.9	44110	503	2.290	2.320	-1.3	44431	502	0.580	0.550	5.5
44069	502	7.890	7.580	4.1	44111	501	1.230	1.260	-2.4	44431	503	1.190	1.120	6.3
44069	503	8.910	8.520	4.6	44111	502	1.140	1.160	-1.7	44432	501	0.182	0.173	5.2
44070	501	2.120	2.030	4.4	44111	503	1.410	1.420	-0.7	44432	502	0.183	0.173	5.8
44070	502	2.340	2.240	4.5	44112	501	0.730	0.750	-2.7	44432	503	0.380	0.360	5.6
44070	503	2.640	2.520	4.8	44112	502	0.680	0.690	-1.4	44433	501	5.790	5.500	5.3
44071	501	2.350	2.260	4.0	44112	503	0.830	0.840	-1.2	44433	502	5.820	5.530	5.2
44071	502	2.600	2.500	4.0	44276	501	145.000	147.000	-1.4	44433	503	12.000	11.400	5.3
44071	503	2.930	2.810	4.3	44276	502	65.200	65.500	-0.5	44434	501	11.100	10.500	5.7
44072	501	1.630	1.560	4.5	44276	503	56.400	56.400	0.0	44434	502	11.100	10.600	4.7
44072	502	1.790	1.720	4.1	44277	501	94.300	95.200	-0.9	44434	503	23.000	21.700	6.0
44072	503	2.030	1.940	4.6	44277	502	42.300	42.500	-0.5	44435	501	11.500	10.900	5.5
44100	501	2.190	2.240	-2.2	44277	503	36.500	36.600	-0.3	44435	502	11.500	10.900	5.5
44100	502	2.030	2.070	-1.9	44280	501	0.280	0.280	0.0	44435	503	23.800	22.500	5.8
44100	503	2.500	2.530	-1.2	44280	502	0.290	0.290	0.0	44436	501	13.400	12.700	5.5
44101	501	2.280	2.330	-2.1	44280	503	0.310	0.310	0.0	44436	502	13.500	12.800	5.5
44101	502	2.120	2.150	-1.4	44311	501	4.310	4.150	3.9	44436	503	27.800	26.300	5.7
44101	503	2.600	2.640	-1.5	44311	502	4.770	4.580	4.1	44437	501	11.100	10.600	4.7
44102	501	1.780	1.820	-2.2	44311	503	5.380	5.150	4.5	44437	502	11.200	10.600	5.7
44102	502	1.650	1.680	-1.8	44315	501	2.900	2.790	3.9	44437	503	23.000	21.800	5.5

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44438	501	8.780	8.340	5.3	45678	503	0.330	0.330	0.0	46427	502	24.700	25.700	-3.9
44438	502	8.810	8.370	5.3	45771	501	0.360	0.350	2.9	46427	503	28.900	29.900	-3.3
44438	503	18.200	17.200	5.8	45771	502	0.360	0.350	2.9	46603	501	2.040	2.130	-4.2
44439	501	17.100	16.200	5.6	45771	503	0.260	0.260	0.0	46603	502	1.550	1.610	-3.7
44439	502	17.200	16.300	5.5	45819	501	0.118	0.114	3.5	46603	503	1.820	1.880	-3.2
44439	503	35.400	33.500	5.7	45819	502	0.117	0.114	2.6	46604	501	2.350	2.450	-4.1
44440	501	14.100	13.400	5.2	45819	503	0.086	0.083	3.6	46604	502	1.790	1.860	-3.8
44440	502	14.200	13.500	5.2	45900	501	0.097	0.104	-6.7	46604	503	2.100	2.170	-3.2
44440	503	29.300	27.700	5.8	45900	502	0.075	0.081	-7.4	46606	501	6.270	6.540	-4.1
45190	501	2.390	2.380	0.4	45900	503	0.114	0.121	-5.8	46606	502	4.770	4.970	-4.0
45190	502	2.140	2.120	0.9	45901	501	0.083	0.089	-6.7	46606	503	5.590	5.780	-3.3
45190	503	2.480	2.460	0.8	45901	502	0.065	0.069	-5.8	46607	501	8.620	9.000	-4.2
45191	501	1.690	1.690	0.0	45901	503	0.097	0.104	-6.7	46607	502	6.560	6.830	-4.0
45191	502	1.520	1.510	0.7	45937	501	0.245	0.247	-0.8	46607	503	7.690	7.950	-3.3
45191	503	1.760	1.740	1.1	45937	502	0.110	0.110	0.0	46622	501	12.000	12.000	0.0
45192	501	1.980	1.980	0.0	45937	503	0.095	0.095	0.0	46622	502	12.400	12.300	0.8
45192	502	1.770	1.760	0.6	46004	501	18.300	19.000	-3.7	46622	503	13.300	13.200	0.8
45192	503	2.060	2.040	1.0	46004	502	15.300	15.800	-3.2	46700	501	218.000	220.000	-0.9
45193	501	1.170	1.170	0.0	46004	503	14.000	14.400	-2.8	46700	502	97.700	98.100	-0.4
45193	502	1.050	1.040	1.0	46005	501	14.600	15.200	-3.9	46700	503	84.500	84.500	0.0
45193	503	1.210	1.200	0.8	46005	502	12.300	12.700	-3.1	46911	501	13.200	12.700	3.9
45210	501	1.480	1.480	0.0	46005	503	11.200	11.600	-3.4	46911	502	14.600	14.000	4.3
45210	502	1.320	1.310	0.8	46112	501	0.019	0.018	5.6	46911	503	16.500	15.800	4.4
45210	503	1.540	1.520	1.3	46112	502	0.019	0.018	5.6	46912	501	24.200	23.300	3.9
45334	501	62.500	63.100	-1.0	46112	503	0.039	0.037	5.4	46912	502	26.800	25.700	4.3
45334	502	28.000	28.100	-0.4	46202	501	3.030	3.030	0.0	46912	503	30.200	28.900	4.5
45334	503	24.200	24.200	0.0	46202	502	2.710	2.690	0.7	47050	501	1.110	1.110	0.0
45380	501	0.237	0.231	2.6	46202	503	3.150	3.120	1.0	47050	502	1.150	1.140	0.9
45380	502	0.237	0.230	3.0	46362	501	166.000	174.000	-4.6	47050	503	1.230	1.220	0.8
45380	503	0.173	0.167	3.6	46362	502	127.000	132.000	-3.8	47221	501	239.000	241.000	-0.8
45450	501	18.400	18.600	-1.1	46362	503	148.000	153.000	-3.3	47221	502	107.000	108.000	-0.9
45450	502	8.230	8.270	-0.5	46426	501	24.300	25.400	-4.3	47221	503	92.700	92.700	0.0
45450	503	7.120	7.120	0.0	46426	502	18.500	19.300	-4.1	47318	501	5.440	5.230	4.0
45678	501	0.300	0.300	0.0	46426	503	21.700	22.400	-3.1	47318	502	6.000	5.770	4.0
45678	502	0.310	0.310	0.0	46427	501	32.400	33.900	-4.4	47318	503	6.780	6.480	4.6

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47367	501	0.280	0.280	0.0	48206	503	22.000	21.100	4.3	49181	502	11.300	11.300	0.0
47367	502	0.290	0.290	0.0	48441	501	0.074	0.071	4.2	49181	503	9.730	9.730	0.0
47367	503	0.310	0.310	0.0	48441	502	0.082	0.079	3.8	49183	501	30.600	30.900	-1.0
47420	501	1.190	1.150	3.5	48441	503	0.093	0.089	4.5	49183	502	13.700	13.800	-0.7
47420	502	1.320	1.260	4.8	48557	501	7.420	7.140	3.9	49183	503	11.900	11.900	0.0
47420	503	1.480	1.420	4.2	48557	502	8.200	7.880	4.1	49184	501	64.600	65.200	-0.9
47469	501	2.880	2.990	-3.7	48557	503	9.260	8.860	4.5	49184	502	28.900	29.100	-0.7
47469	502	2.420	2.500	-3.2	48558	501	6.460	6.210	4.0	49184	503	25.000	25.000	0.0
47469	503	2.210	2.280	-3.1	48558	502	7.130	6.850	4.1	49185	501	58.800	59.400	-1.0
47471	501	2.500	2.590	-3.5	48558	503	8.050	7.700	4.5	49185	502	26.300	26.500	-0.8
47471	502	2.100	2.170	-3.2	48600	501	48.600	50.700	-4.1	49185	503	22.800	22.800	0.0
47471	503	1.920	1.980	-3.0	48600	502	37.000	38.500	-3.9	49239	501	0.177	0.173	2.3
47473	501	3.270	3.390	-3.5	48600	503	43.300	44.800	-3.3	49239	502	0.177	0.172	2.9
47473	502	2.740	2.830	-3.2	48636	501	0.940	0.970	-3.1	49239	503	0.129	0.125	3.2
47473	503	2.510	2.580	-2.7	48636	502	1.250	1.310	-4.6	49292	501	1.840	1.860	-1.1
47474	501	3.650	3.790	-3.7	48636	503	1.130	1.180	-4.2	49292	502	0.820	0.830	-1.2
47474	502	3.060	3.170	-3.5	48637	501	5.670	5.460	3.8	49292	503	0.710	0.710	0.0
47474	503	2.810	2.890	-2.8	48637	502	6.270	6.020	4.2	49333	501	13.500	13.600	-0.7
47475	501	2.880	2.990	-3.7	48637	503	7.070	6.770	4.4	49333	502	6.040	6.060	-0.3
47475	502	2.420	2.500	-3.2	48638	501	2.820	2.710	4.1	49333	503	5.220	5.220	0.0
47475	503	2.210	2.280	-3.1	48638	502	3.110	2.990	4.0	49617	501	0.239	0.246	-2.8
47476	501	2.880	2.990	-3.7	48638	503	3.510	3.360	4.5	49617	502	0.215	0.220	-2.3
47476	502	2.420	2.500	-3.2	48808	501	1.430	1.530	-6.5	49617	503	0.139	0.142	-2.1
47476	503	2.210	2.280	-3.1	48808	502	1.110	1.190	-6.7	49618	501	0.200	0.207	-3.4
47477	501	3.840	3.990	-3.8	48808	503	1.680	1.780	-5.6	49618	502	0.181	0.185	-2.2
47477	502	3.230	3.330	-3.0	48925	501	136.000	131.000	3.8	49618	503	0.117	0.119	-1.7
47477	503	2.950	3.040	-3.0	48925	502	150.000	144.000	4.2	49619	501	0.380	0.390	-2.6
47478	501	4.040	4.190	-3.6	48925	503	169.000	162.000	4.3	49619	502	0.340	0.350	-2.9
47478	502	3.390	3.500	-3.1	49005	501	0.191	0.190	0.5	49619	503	0.219	0.225	-2.7
47478	503	3.100	3.190	-2.8	49005	502	0.197	0.196	0.5	49763	501	2.450	2.530	-3.2
48039	501	76.800	77.600	-1.0	49005	503	0.211	0.209	1.0	49763	502	2.210	2.260	-2.2
48039	502	34.400	34.600	-0.6	49111	501	2.190	2.340	-6.4	49763	503	1.420	1.460	-2.7
48039	503	29.800	29.800	0.0	49111	502	1.700	1.820	-6.6	49801	501	211.000	213.000	-0.9
48206	501	17.700	17.000	4.1	49111	503	2.560	2.730	-6.2	49801	502	94.400	94.800	-0.4
48206	502	19.500	18.800	3.7	49181	501	25.100	25.400	-1.2	49801	503	81.600	81.700	-0.1

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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
49802	501	18.700	18.900	-1.1	50045	503	0.170	0.169	0.6	51224	502	0.184	0.192	-4.2
49802	502	8.370	8.410	-0.5	50047	501	0.014	0.014	0.0	51224	503	0.166	0.173	-4.0
49802	503	7.240	7.240	0.0	50047	502	0.017	0.017	0.0	51230	501	0.023	0.024	-4.2
49803	501	33.100	33.400	-0.9	50047	503	0.019	0.019	0.0	51230	502	0.031	0.033	-6.1
49803	502	14.800	14.900	-0.7	51001	501	0.032	0.034	-5.9	51230	503	0.028	0.029	-3.4
49803	503	12.800	12.800	0.0	51001	502	0.043	0.045	-4.4	51240	501	0.226	0.231	-2.2
49840	501	1.150	1.150	0.0	51001	503	0.039	0.041	-4.9	51240	502	0.280	0.270	3.7
49840	502	1.200	1.190	0.8	51005	501	0.007	0.007	0.0	51240	503	0.310	0.310	0.0
49840	503	1.280	1.270	0.8	51005	502	0.009	0.009	0.0	51241	501	0.670	0.690	-2.9
49870	501	56.800	54.600	4.0	51005	503	0.008	0.008	0.0	51241	502	0.830	0.820	1.2
49870	502	62.700	60.200	4.2	51116	501	0.082	0.085	-3.5	51241	503	0.920	0.910	1.1
49870	503	70.800	67.700	4.6	51116	502	0.109	0.114	-4.4	51250	501	0.150	0.155	-3.2
50010	501	0.110	0.113	-2.7	51116	503	0.099	0.103	-3.9	51250	502	0.200	0.208	-3.8
50010	502	0.136	0.133	2.3	51201	501	0.019	0.019	0.0	51250	503	0.180	0.188	-4.3
50010	503	0.151	0.149	1.3	51201	502	0.023	0.023	0.0	51251	501	0.019	0.020	-5.0
50011	501	0.052	0.055	-5.5	51201	503	0.026	0.026	0.0	51251	502	0.024	0.024	0.0
50011	502	0.070	0.073	-4.1	51205	501	0.057	0.059	-3.4	51251	503	0.027	0.026	3.8
50011	503	0.063	0.066	-4.5	51205	502	0.071	0.070	1.4	51252	501	0.068	0.070	-2.9
50012	501	0.041	0.042	-2.4	51205	503	0.078	0.078	0.0	51252	502	0.084	0.083	1.2
50012	502	0.050	0.049	2.0	51206	501	0.009	0.009	0.0	51252	503	0.093	0.093	0.0
50012	503	0.056	0.055	1.8	51206	502	0.011	0.011	0.0	51253	501	0.058	0.060	-3.3
50015	501	0.072	0.073	-1.4	51206	503	0.012	0.012	0.0	51253	502	0.072	0.071	1.4
50015	502	0.088	0.087	1.1	51210	501	0.057	0.059	-3.4	51253	503	0.080	0.079	1.3
50015	503	0.098	0.097	1.0	51210	502	0.076	0.079	-3.8	51254	501	0.018	0.019	-5.3
50017	501	0.055	0.056	-1.8	51210	503	0.069	0.071	-2.8	51254	502	0.022	0.022	0.0
50017	502	0.067	0.066	1.5	51220	501	0.195	0.202	-3.5	51254	503	0.025	0.025	0.0
50017	503	0.075	0.074	1.4	51220	502	0.260	0.270	-3.7	51255	501	0.380	0.390	-2.6
50018	501	0.048	0.050	-4.0	51220	503	0.235	0.245	-4.1	51255	502	0.510	0.530	-3.8
50018	502	0.064	0.066	-3.0	51221	501	0.108	0.112	-3.6	51255	503	0.460	0.480	-4.2
50018	503	0.058	0.060	-3.3	51221	502	0.144	0.150	-4.0	51300	501	0.063	0.065	-3.1
50019	501	0.029	0.030	-3.3	51221	503	0.130	0.136	-4.4	51300	502	0.049	0.050	-2.0
50019	502	0.036	0.035	2.9	51222	501	0.132	0.137	-3.6	51300	503	0.070	0.071	-1.4
50019	503	0.040	0.039	2.6	51222	502	0.176	0.183	-3.8	51305	501	0.063	0.065	-3.1
50045	501	0.125	0.127	-1.6	51222	503	0.159	0.166	-4.2	51305	502	0.049	0.050	-2.0
50045	502	0.153	0.151	1.3	51224	501	0.138	0.143	-3.5	51305	503	0.070	0.071	-1.4

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LOSS COST % CHANGE BY CLASS

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51315	501	0.115	0.112	2.7	51359	503	0.250	0.244	2.5	51554	502	0.006	0.006	0.0
51315	502	0.115	0.112	2.7	51370	501	0.221	0.226	-2.2	51554	503	0.007	0.007	0.0
51315	503	0.084	0.081	3.7	51370	502	0.270	0.270	0.0	51575	501	0.029	0.029	0.0
51330	501	0.058	0.060	-3.3	51370	503	0.300	0.300	0.0	51575	502	0.022	0.023	-4.3
51330	502	0.077	0.080	-3.7	51380	501	0.022	0.023	-4.3	51575	503	0.032	0.032	0.0
51330	503	0.070	0.073	-4.1	51380	502	0.027	0.027	0.0	51576	501	0.099	0.102	-2.9
51333	501	0.019	0.020	-5.0	51380	503	0.030	0.030	0.0	51576	502	0.122	0.120	1.7
51333	502	0.025	0.026	-3.8	51400	501	0.135	0.140	-3.6	51576	503	0.136	0.135	0.7
51333	503	0.023	0.024	-4.2	51400	502	0.180	0.188	-4.3	51600	501	0.068	0.069	-1.4
51340	501	0.019	0.019	0.0	51400	503	0.163	0.170	-4.1	51600	502	0.083	0.082	1.2
51340	502	0.023	0.023	0.0	51401	501	0.199	0.207	-3.9	51600	503	0.093	0.092	1.1
51340	503	0.025	0.025	0.0	51401	502	0.270	0.280	-3.6	51613	501	0.045	0.046	-2.2
51350	501	0.107	0.109	-1.8	51401	503	0.240	0.250	-4.0	51613	502	0.055	0.054	1.9
51350	502	0.083	0.084	-1.2	51500	501	0.042	0.043	-2.3	51613	503	0.061	0.061	0.0
51350	503	0.118	0.119	-0.8	51500	502	0.051	0.051	0.0	51625	501	0.030	0.031	-3.2
51351	501	0.096	0.097	-1.0	51500	503	0.057	0.057	0.0	51625	502	0.040	0.041	-2.4
51351	502	0.074	0.076	-2.6	51516	501	0.084	0.084	0.0	51625	503	0.036	0.037	-2.7
51351	503	0.105	0.107	-1.9	51516	502	0.087	0.087	0.0	51666	501	0.045	0.046	-2.2
51352	501	0.131	0.134	-2.2	51516	503	0.093	0.092	1.1	51666	502	0.035	0.036	-2.8
51352	502	0.102	0.104	-1.9	51517	501	0.095	0.095	0.0	51666	503	0.050	0.051	-2.0
51352	503	0.144	0.146	-1.4	51517	502	0.099	0.098	1.0	51702	501	0.089	0.093	-4.3
51355	501	0.089	0.091	-2.2	51517	503	0.105	0.105	0.0	51702	502	0.119	0.124	-4.0
51355	502	0.069	0.071	-2.8	51550	501	0.052	0.053	-1.9	51702	503	0.108	0.112	-3.6
51355	503	0.098	0.100	-2.0	51550	502	0.064	0.063	1.6	51703	501	0.037	0.038	-2.6
51356	501	0.096	0.098	-2.0	51550	503	0.071	0.070	1.4	51703	502	0.049	0.051	-3.9
51356	502	0.075	0.076	-1.3	51551	501	0.018	0.018	0.0	51703	503	0.045	0.046	-2.2
51356	503	0.106	0.107	-0.9	51551	502	0.022	0.022	0.0	51734	501	0.069	0.072	-4.2
51357	501	0.164	0.159	3.1	51551	503	0.025	0.024	4.2	51734	502	0.093	0.097	-4.1
51357	502	0.163	0.159	2.5	51552	501	0.031	0.032	-3.1	51734	503	0.084	0.087	-3.4
51357	503	0.119	0.115	3.5	51552	502	0.038	0.038	0.0	51741	501	0.118	0.120	-1.7
51358	501	0.390	0.380	2.6	51552	503	0.043	0.042	2.4	51741	502	0.145	0.143	1.4
51358	502	0.390	0.380	2.6	51553	501	0.055	0.057	-3.5	51741	503	0.161	0.160	0.6
51358	503	0.290	0.280	3.6	51553	502	0.068	0.067	1.5	51752	501	0.099	0.102	-2.9
51359	501	0.350	0.340	2.9	51553	503	0.076	0.075	1.3	51752	502	0.122	0.120	1.7
51359	502	0.350	0.340	2.9	51554	501	0.005	0.005	0.0	51752	503	0.136	0.135	0.7

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51767	501	0.013	0.013	0.0	51854	503	0.241	0.250	-3.6	51927	502	0.032	0.032	0.0
51767	502	0.010	0.010	0.0	51855	501	0.210	0.218	-3.7	51927	503	0.036	0.035	2.9
51767	503	0.015	0.015	0.0	51855	502	0.280	0.290	-3.4	51934	501	0.053	0.054	-1.9
51777	501	0.046	0.047	-2.1	51855	503	0.250	0.260	-3.8	51934	502	0.065	0.064	1.6
51777	502	0.036	0.036	0.0	51856	501	0.115	0.120	-4.2	51934	503	0.072	0.071	1.4
51777	503	0.051	0.051	0.0	51856	502	0.154	0.160	-3.7	51941	501	0.048	0.049	-2.0
51790	501	0.077	0.078	-1.3	51856	503	0.139	0.145	-4.1	51941	502	0.059	0.058	1.7
51790	502	0.060	0.061	-1.6	51857	501	0.197	0.205	-3.9	51941	503	0.066	0.065	1.5
51790	503	0.085	0.086	-1.2	51857	502	0.260	0.270	-3.7	51942	501	0.077	0.078	-1.3
51796	501	0.043	0.044	-2.3	51857	503	0.238	0.248	-4.0	51942	502	0.094	0.093	1.1
51796	502	0.053	0.052	1.9	51869	501	0.051	0.052	-1.9	51942	503	0.105	0.104	1.0
51796	503	0.059	0.058	1.7	51869	502	0.062	0.061	1.6	51956	501	0.207	0.211	-1.9
51808	501	0.153	0.156	-1.9	51869	503	0.069	0.069	0.0	51956	502	0.250	0.250	0.0
51808	502	0.188	0.185	1.6	51877	501	0.280	0.290	-3.4	51956	503	0.280	0.280	0.0
51808	503	0.209	0.207	1.0	51877	502	0.350	0.350	0.0	51957	501	0.182	0.186	-2.2
51809	501	0.189	0.194	-2.6	51877	503	0.390	0.390	0.0	51957	502	0.224	0.221	1.4
51809	502	0.233	0.229	1.7	51889	501	0.047	0.048	-2.1	51957	503	0.249	0.247	0.8
51809	503	0.260	0.260	0.0	51889	502	0.058	0.057	1.8	51958	501	0.162	0.166	-2.4
51833	501	0.069	0.070	-1.4	51889	503	0.064	0.063	1.6	51958	502	0.199	0.196	1.5
51833	502	0.054	0.055	-1.8	51896	501	0.022	0.022	0.0	51958	503	0.222	0.219	1.4
51833	503	0.076	0.077	-1.3	51896	502	0.027	0.027	0.0	51959	501	0.166	0.170	-2.4
51850	501	0.140	0.145	-3.4	51896	503	0.030	0.030	0.0	51959	502	0.204	0.201	1.5
51850	502	0.186	0.194	-4.1	51900	501	0.052	0.053	-1.9	51959	503	0.227	0.225	0.9
51850	503	0.169	0.176	-4.0	51900	502	0.040	0.041	-2.4	51960	501	0.022	0.022	0.0
51851	501	0.095	0.098	-3.1	51900	503	0.057	0.058	-1.7	51960	502	0.027	0.027	0.0
51851	502	0.126	0.132	-4.5	51909	501	0.126	0.131	-3.8	51960	503	0.030	0.030	0.0
51851	503	0.114	0.119	-4.2	51909	502	0.168	0.176	-4.5	51970	501	0.095	0.097	-2.1
51852	501	0.222	0.230	-3.5	51909	503	0.152	0.159	-4.4	51970	502	0.117	0.115	1.7
51852	502	0.300	0.310	-3.2	51919	501	0.047	0.048	-2.1	51970	503	0.130	0.129	0.8
51852	503	0.270	0.280	-3.6	51919	502	0.058	0.057	1.8	51982	501	0.028	0.029	-3.4
51853	501	0.089	0.093	-4.3	51919	503	0.065	0.064	1.6	51982	502	0.034	0.034	0.0
51853	502	0.119	0.124	-4.0	51926	501	0.048	0.049	-2.0	51982	503	0.038	0.038	0.0
51853	503	0.108	0.112	-3.6	51926	502	0.059	0.058	1.7	51985	501	0.078	0.078	0.0
51854	501	0.200	0.208	-3.8	51926	503	0.066	0.065	1.5	51985	502	0.081	0.081	0.0
51854	502	0.270	0.280	-3.6	51927	501	0.026	0.027	-3.7	51985	503	0.087	0.086	1.2

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51986	501	0.110	0.113	-2.7	52342	503	0.095	0.099	-4.0	52547	502	0.171	0.178	-3.9
51986	502	0.136	0.133	2.3	52343	501	0.048	0.050	-4.0	52547	503	0.154	0.161	-4.3
51986	503	0.151	0.149	1.3	52343	502	0.064	0.066	-3.0	52581	501	0.520	0.530	-1.9
51999	501	0.046	0.047	-2.1	52343	503	0.058	0.060	-3.3	52581	502	0.640	0.630	1.6
51999	502	0.057	0.056	1.8	52401	501	0.148	0.154	-3.9	52581	503	0.710	0.710	0.0
51999	503	0.063	0.063	0.0	52401	502	0.197	0.206	-4.4	52619	501	0.037	0.037	0.0
52002	501	0.041	0.042	-2.4	52401	503	0.178	0.186	-4.3	52619	502	0.045	0.044	2.3
52002	502	0.050	0.049	2.0	52402	501	0.010	0.011	-9.1	52619	503	0.050	0.050	0.0
52002	503	0.056	0.055	1.8	52402	502	0.013	0.012	8.3	52660	501	0.100	0.100	0.0
52075	501	0.110	0.114	-3.5	52402	503	0.014	0.014	0.0	52660	502	0.103	0.103	0.0
52075	502	0.147	0.153	-3.9	52432	501	0.051	0.052	-1.9	52660	503	0.110	0.110	0.0
52075	503	0.133	0.138	-3.6	52432	502	0.063	0.062	1.6	52744	501	0.260	0.270	-3.7
52076	501	0.133	0.138	-3.6	52432	503	0.070	0.069	1.4	52744	502	0.205	0.209	-1.9
52076	502	0.177	0.184	-3.8	52433	501	0.047	0.048	-2.1	52744	503	0.290	0.300	-3.3
52076	503	0.160	0.167	-4.2	52433	502	0.057	0.057	0.0	52767	501	0.117	0.122	-4.1
52109	501	0.010	0.011	-9.1	52433	503	0.064	0.063	1.6	52767	502	0.156	0.163	-4.3
52109	502	0.013	0.012	8.3	52435	501	0.058	0.060	-3.3	52767	503	0.141	0.147	-4.1
52109	503	0.014	0.014	0.0	52435	502	0.072	0.071	1.4	52911	501	0.029	0.030	-3.3
52134	501	0.136	0.139	-2.2	52435	503	0.080	0.079	1.3	52911	502	0.036	0.035	2.9
52134	502	0.168	0.165	1.8	52438	501	0.042	0.043	-2.3	52911	503	0.040	0.039	2.6
52134	503	0.187	0.185	1.1	52438	502	0.052	0.051	2.0	52967	501	0.011	0.011	0.0
52137	501	0.043	0.045	-4.4	52438	503	0.058	0.057	1.8	52967	502	0.013	0.013	0.0
52137	502	0.058	0.060	-3.3	52440	501	0.066	0.068	-2.9	52967	503	0.015	0.015	0.0
52137	503	0.052	0.054	-3.7	52440	502	0.082	0.080	2.5	53001	501	0.107	0.109	-1.8
52150	501	0.250	0.260	-3.8	52440	503	0.091	0.090	1.1	53001	502	0.132	0.130	1.5
52150	502	0.310	0.300	3.3	52467	501	0.061	0.063	-3.2	53001	503	0.146	0.145	0.7
52150	503	0.340	0.340	0.0	52467	502	0.075	0.074	1.4	53077	501	0.051	0.053	-3.8
52315	501	0.060	0.061	-1.6	52467	503	0.084	0.083	1.2	53077	502	0.063	0.062	1.6
52315	502	0.047	0.047	0.0	52469	501	0.021	0.022	-4.5	53077	503	0.070	0.070	0.0
52315	503	0.066	0.067	-1.5	52469	502	0.026	0.026	0.0	53095	501	0.035	0.036	-2.8
52341	501	0.027	0.028	-3.6	52469	503	0.029	0.029	0.0	53095	502	0.043	0.043	0.0
52341	502	0.036	0.038	-5.3	52505	501	0.107	0.109	-1.8	53095	503	0.048	0.048	0.0
52341	503	0.033	0.034	-2.9	52505	502	0.131	0.129	1.6	53096	501	0.049	0.050	-2.0
52342	501	0.078	0.081	-3.7	52505	503	0.146	0.145	0.7	53096	502	0.060	0.059	1.7
52342	502	0.105	0.109	-3.7	52547	501	0.128	0.133	-3.8	53096	503	0.067	0.066	1.5

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LOSS COST % CHANGE BY CLASS

CLASS	TERR	PROPOSED OCCURR	PRESENT OCCURR	% CHG	CLASS	TERR	PROPOSED OCCURR	PRESENT OCCURR	% CHG	CLASS	TERR	PROPOSED OCCURR	PRESENT OCCURR	% CHG
53121	501	0.139	0.143	-2.8	53565	503	0.049	0.050	-2.0	55011	502	0.070	0.069	1.4
53121	502	0.172	0.169	1.8	53631	501	0.016	0.017	-5.9	55011	503	0.078	0.077	1.3
53121	503	0.191	0.189	1.1	53631	502	0.020	0.020	0.0	55012	501	0.068	0.070	-2.9
53147	501	0.020	0.021	-4.8	53631	503	0.022	0.022	0.0	55012	502	0.084	0.083	1.2
53147	502	0.026	0.028	-7.1	53632	501	0.019	0.019	0.0	55012	503	0.093	0.092	1.1
53147	503	0.024	0.025	-4.0	53632	502	0.023	0.023	0.0	55013	501	0.093	0.096	-3.1
53229	501	0.111	0.115	-3.5	53632	503	0.025	0.025	0.0	55013	502	0.124	0.129	-3.9
53229	502	0.148	0.154	-3.9	53731	501	0.017	0.017	0.0	55013	503	0.112	0.117	-4.3
53229	503	0.134	0.139	-3.6	53731	502	0.021	0.021	0.0	55214	501	0.055	0.056	-1.8
53271	501	0.026	0.027	-3.7	53731	503	0.023	0.023	0.0	55214	502	0.068	0.067	1.5
53271	502	0.032	0.032	0.0	53732	501	0.116	0.119	-2.5	55214	503	0.075	0.075	0.0
53271	503	0.036	0.036	0.0	53732	502	0.143	0.141	1.4	55371	501	0.178	0.181	-1.7
53333	501	0.109	0.113	-3.5	53732	503	0.159	0.158	0.6	55371	502	0.138	0.141	-2.1
53333	502	0.146	0.152	-3.9	53733	501	0.076	0.077	-1.3	55371	503	0.196	0.199	-1.5
53333	503	0.132	0.137	-3.6	53733	502	0.093	0.092	1.1	55426	501	0.113	0.117	-3.4
53374	501	0.070	0.071	-1.4	53733	503	0.104	0.103	1.0	55426	502	0.150	0.157	-4.5
53374	502	0.054	0.055	-1.8	53734	501	0.500	0.500	0.0	55426	503	0.136	0.142	-4.2
53374	503	0.077	0.078	-1.3	53734	502	0.520	0.520	0.0	55597	501	0.014	0.014	0.0
53375	501	0.037	0.038	-2.6	53734	503	0.560	0.550	1.8	55597	502	0.017	0.017	0.0
53375	502	0.029	0.029	0.0	53803	501	0.245	0.250	-2.0	55597	503	0.019	0.019	0.0
53375	503	0.041	0.041	0.0	53803	502	0.330	0.340	-2.9	55647	501	0.028	0.028	0.0
53376	501	0.059	0.060	-1.7	53803	503	0.300	0.310	-3.2	55647	502	0.034	0.033	3.0
53376	502	0.046	0.047	-2.1	53907	501	0.051	0.052	-1.9	55647	503	0.038	0.037	2.7
53376	503	0.065	0.066	-1.5	53907	502	0.063	0.062	1.6	55648	501	0.012	0.013	-7.7
53377	501	0.061	0.062	-1.6	53907	503	0.070	0.069	1.4	55648	502	0.015	0.015	0.0
53377	502	0.047	0.048	-2.1	54012	501	0.050	0.050	0.0	55648	503	0.017	0.017	0.0
53377	503	0.067	0.068	-1.5	54012	502	0.052	0.052	0.0	55649	501	0.015	0.015	0.0
53403	501	0.038	0.039	-2.6	54012	503	0.056	0.055	1.8	55649	502	0.018	0.018	0.0
53403	502	0.030	0.030	0.0	54077	501	0.070	0.072	-2.8	55649	503	0.020	0.020	0.0
53403	503	0.042	0.043	-2.3	54077	502	0.086	0.085	1.2	55715	501	0.109	0.112	-2.7
53425	501	0.103	0.107	-3.7	54077	503	0.096	0.095	1.1	55715	502	0.135	0.133	1.5
53425	502	0.137	0.143	-4.2	55010	501	0.211	0.216	-2.3	55715	503	0.150	0.148	1.4
53425	503	0.124	0.129	-3.9	55010	502	0.260	0.260	0.0	55716	501	0.158	0.162	-2.5
53565	501	0.045	0.045	0.0	55010	503	0.290	0.290	0.0	55716	502	0.195	0.192	1.6
53565	502	0.035	0.035	0.0	55011	501	0.057	0.058	-1.7	55716	503	0.216	0.214	0.9

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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
55717	501	0.149	0.154	-3.2	56390	503	0.093	0.092	1.1	56758	502	0.045	0.045	0.0
55717	502	0.198	0.207	-4.3	56391	501	0.058	0.060	-3.3	56758	503	0.050	0.050	0.0
55717	503	0.179	0.187	-4.3	56391	502	0.072	0.071	1.4	56759	501	0.038	0.038	0.0
55718	501	0.144	0.150	-4.0	56391	503	0.080	0.079	1.3	56759	502	0.046	0.046	0.0
55718	502	0.192	0.201	-4.5	56427	501	0.094	0.096	-2.1	56759	503	0.051	0.051	0.0
55718	503	0.174	0.181	-3.9	56427	502	0.116	0.114	1.8	56760	501	0.054	0.055	-1.8
55802	501	0.046	0.047	-2.1	56427	503	0.129	0.128	0.8	56760	502	0.067	0.066	1.5
55802	502	0.036	0.036	0.0	56488	501	0.077	0.078	-1.3	56760	503	0.074	0.073	1.4
55802	503	0.051	0.051	0.0	56488	502	0.060	0.061	-1.6	56805	501	0.071	0.073	-2.7
55918	501	0.063	0.064	-1.6	56488	503	0.085	0.086	-1.2	56805	502	0.088	0.086	2.3
55918	502	0.077	0.076	1.3	56567	501	0.105	0.109	-3.7	56805	503	0.097	0.096	1.0
55918	503	0.086	0.085	1.2	56567	502	0.140	0.145	-3.4	56806	501	0.050	0.051	-2.0
55919	501	0.009	0.009	0.0	56567	503	0.126	0.132	-4.5	56806	502	0.062	0.061	1.6
55919	502	0.011	0.010	10.0	56650	501	0.320	0.330	-3.0	56806	503	0.069	0.068	1.5
55919	503	0.012	0.012	0.0	56650	502	0.430	0.450	-4.4	56807	501	0.050	0.051	-2.0
56040	501	0.006	0.006	0.0	56650	503	0.390	0.400	-2.5	56807	502	0.061	0.060	1.7
56040	502	0.007	0.007	0.0	56651	501	0.174	0.181	-3.9	56807	503	0.068	0.068	0.0
56040	503	0.008	0.008	0.0	56651	502	0.232	0.242	-4.1	56808	501	0.065	0.067	-3.0
56041	501	0.039	0.040	-2.5	56651	503	0.210	0.219	-4.1	56808	502	0.080	0.079	1.3
56041	502	0.048	0.047	2.1	56652	501	0.124	0.129	-3.9	56808	503	0.089	0.088	1.1
56041	503	0.053	0.053	0.0	56652	502	0.166	0.173	-4.0	56900	501	0.063	0.064	-1.6
56042	501	0.049	0.050	-2.0	56652	503	0.150	0.156	-3.8	56900	502	0.077	0.076	1.3
56042	502	0.060	0.059	1.7	56653	501	0.120	0.124	-3.2	56900	503	0.086	0.085	1.2
56042	503	0.067	0.066	1.5	56653	502	0.160	0.167	-4.2	56910	501	0.031	0.032	-3.1
56170	501	0.101	0.105	-3.8	56653	503	0.145	0.151	-4.0	56910	502	0.039	0.038	2.6
56170	502	0.135	0.140	-3.6	56654	501	0.061	0.064	-4.7	56910	503	0.043	0.042	2.4
56170	503	0.122	0.127	-3.9	56654	502	0.082	0.085	-3.5	56911	501	0.090	0.094	-4.3
56171	501	0.050	0.051	-2.0	56654	503	0.074	0.077	-3.9	56911	502	0.120	0.125	-4.0
56171	502	0.066	0.069	-4.3	56690	501	0.040	0.040	0.0	56911	503	0.109	0.113	-3.5
56171	503	0.060	0.062	-3.2	56690	502	0.031	0.031	0.0	56912	501	0.073	0.076	-3.9
56202	501	0.039	0.040	-2.5	56690	503	0.044	0.044	0.0	56912	502	0.097	0.102	-4.9
56202	502	0.048	0.047	2.1	56699	501	0.043	0.044	-2.3	56912	503	0.088	0.092	-4.3
56202	503	0.053	0.053	0.0	56699	502	0.053	0.053	0.0	56913	501	0.060	0.062	-3.2
56390	501	0.068	0.070	-2.9	56699	503	0.059	0.059	0.0	56913	502	0.079	0.083	-4.8
56390	502	0.084	0.083	1.2	56758	501	0.037	0.038	-2.6	56913	503	0.072	0.075	-4.0

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56915	501	0.350	0.370	-5.4	57202	503	0.066	0.065	1.5	57716	502	0.045	0.046	-2.2
56915	502	0.470	0.490	-4.1	57257	501	0.060	0.061	-1.6	57716	503	0.040	0.042	-4.8
56915	503	0.430	0.440	-2.3	57257	502	0.074	0.072	2.8	57725	501	0.073	0.076	-3.9
56916	501	0.320	0.330	-3.0	57257	503	0.082	0.081	1.2	57725	502	0.097	0.102	-4.9
56916	502	0.420	0.440	-4.5	57401	501	0.034	0.035	-2.9	57725	503	0.088	0.092	-4.3
56916	503	0.380	0.400	-5.0	57401	502	0.042	0.041	2.4	57726	501	0.057	0.059	-3.4
56917	501	0.092	0.095	-3.2	57401	503	0.046	0.046	0.0	57726	502	0.076	0.079	-3.8
56917	502	0.123	0.128	-3.9	57403	501	0.094	0.096	-2.1	57726	503	0.069	0.071	-2.8
56917	503	0.111	0.116	-4.3	57403	502	0.073	0.074	-1.4	57798	501	0.016	0.016	0.0
56918	501	0.044	0.046	-4.3	57403	503	0.104	0.105	-1.0	57798	502	0.019	0.019	0.0
56918	502	0.059	0.061	-3.3	57410	501	0.016	0.017	-5.9	57798	503	0.021	0.021	0.0
56918	503	0.053	0.056	-5.4	57410	502	0.020	0.020	0.0	57800	501	0.058	0.059	-1.7
56919	501	0.113	0.117	-3.4	57410	503	0.022	0.022	0.0	57800	502	0.071	0.070	1.4
56919	502	0.150	0.157	-4.5	57411	501	0.025	0.026	-3.8	57800	503	0.079	0.079	0.0
56919	503	0.136	0.142	-4.2	57411	502	0.034	0.035	-2.9	57808	501	0.028	0.029	-3.4
56920	501	0.103	0.107	-3.7	57411	503	0.030	0.032	-6.3	57808	502	0.037	0.039	-5.1
56920	502	0.137	0.143	-4.2	57572	501	0.010	0.010	0.0	57808	503	0.034	0.035	-2.9
56920	503	0.124	0.129	-3.9	57572	502	0.012	0.012	0.0	57809	501	0.029	0.030	-3.3
56980	501	0.054	0.055	-1.8	57572	503	0.013	0.013	0.0	57809	502	0.038	0.040	-5.0
56980	502	0.067	0.066	1.5	57600	501	0.029	0.029	0.0	57809	503	0.035	0.036	-2.8
56980	503	0.074	0.074	0.0	57600	502	0.035	0.035	0.0	57810	501	0.028	0.029	-3.4
57001	501	0.019	0.019	0.0	57600	503	0.039	0.039	0.0	57810	502	0.037	0.039	-5.1
57001	502	0.023	0.023	0.0	57611	501	0.054	0.056	-3.6	57810	503	0.034	0.035	-2.9
57001	503	0.025	0.025	0.0	57611	502	0.072	0.075	-4.0	57871	501	0.033	0.035	-5.7
57002	501	0.012	0.012	0.0	57611	503	0.065	0.068	-4.4	57871	502	0.045	0.046	-2.2
57002	502	0.015	0.015	0.0	57625	501	0.250	0.260	-3.8	57871	503	0.040	0.042	-4.8
57002	503	0.016	0.016	0.0	57625	502	0.310	0.310	0.0	57913	501	0.075	0.077	-2.6
57090	501	0.165	0.171	-3.5	57625	503	0.340	0.340	0.0	57913	502	0.092	0.091	1.1
57090	502	0.220	0.229	-3.9	57651	501	0.031	0.031	0.0	57913	503	0.103	0.102	1.0
57090	503	0.199	0.207	-3.9	57651	502	0.038	0.037	2.7	57997	501	0.112	0.112	0.0
57146	501	0.105	0.109	-3.7	57651	503	0.042	0.042	0.0	57997	502	0.116	0.115	0.9
57146	502	0.140	0.145	-3.4	57690	501	0.070	0.073	-4.1	57997	503	0.124	0.123	0.8
57146	503	0.126	0.132	-4.5	57690	502	0.094	0.098	-4.1	57998	501	0.033	0.034	-2.9
57202	501	0.048	0.049	-2.0	57690	503	0.085	0.088	-3.4	57998	502	0.041	0.040	2.5
57202	502	0.059	0.058	1.7	57716	501	0.033	0.035	-5.7	57998	503	0.046	0.045	2.2

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57999	501	0.046	0.048	-4.2	58397	503	0.209	0.207	1.0	58627	502	0.131	0.129	1.6
57999	502	0.061	0.064	-4.7	58408	501	0.066	0.066	0.0	58627	503	0.146	0.145	0.7
57999	503	0.055	0.058	-5.2	58408	502	0.068	0.068	0.0	58663	501	0.232	0.241	-3.7
58009	501	0.046	0.048	-4.2	58408	503	0.073	0.073	0.0	58663	502	0.310	0.320	-3.1
58009	502	0.061	0.064	-4.7	58409	501	0.084	0.084	0.0	58663	503	0.280	0.290	-3.4
58009	503	0.055	0.058	-5.2	58409	502	0.087	0.087	0.0	58682	501	0.095	0.097	-2.1
58010	501	0.077	0.079	-2.5	58409	503	0.093	0.092	1.1	58682	502	0.117	0.115	1.7
58010	502	0.095	0.094	1.1	58456	501	0.045	0.045	0.0	58682	503	0.130	0.129	0.8
58010	503	0.106	0.105	1.0	58456	502	0.046	0.046	0.0	58713	501	0.029	0.030	-3.3
58020	501	0.101	0.103	-1.9	58456	503	0.050	0.049	2.0	58713	502	0.023	0.023	0.0
58020	502	0.079	0.080	-1.3	58457	501	0.065	0.065	0.0	58713	503	0.032	0.033	-3.0
58020	503	0.111	0.113	-1.8	58457	502	0.067	0.067	0.0	58737	501	0.069	0.070	-1.4
58056	501	0.092	0.094	-2.1	58457	503	0.072	0.071	1.4	58737	502	0.085	0.084	1.2
58056	502	0.113	0.112	0.9	58458	501	0.084	0.084	0.0	58737	503	0.094	0.093	1.1
58056	503	0.126	0.125	0.8	58458	502	0.087	0.087	0.0	58756	501	0.043	0.045	-4.4
58057	501	0.058	0.059	-1.7	58458	503	0.093	0.092	1.1	58756	502	0.058	0.060	-3.3
58057	502	0.071	0.070	1.4	58459	501	0.101	0.101	0.0	58756	503	0.052	0.054	-3.7
58057	503	0.079	0.079	0.0	58459	502	0.104	0.104	0.0	58757	501	0.232	0.238	-2.5
58058	501	0.052	0.053	-1.9	58459	503	0.112	0.111	0.9	58757	502	0.290	0.280	3.6
58058	502	0.064	0.063	1.6	58503	501	0.041	0.042	-2.4	58757	503	0.320	0.310	3.2
58058	503	0.071	0.071	0.0	58503	502	0.050	0.049	2.0	58759	501	0.029	0.029	0.0
58095	501	0.073	0.075	-2.7	58503	503	0.056	0.055	1.8	58759	502	0.035	0.035	0.0
58095	502	0.090	0.089	1.1	58532	501	0.053	0.054	-1.9	58759	503	0.039	0.039	0.0
58095	503	0.100	0.099	1.0	58532	502	0.065	0.064	1.6	58802	501	0.033	0.033	0.0
58096	501	0.097	0.100	-3.0	58532	503	0.072	0.071	1.4	58802	502	0.040	0.040	0.0
58096	502	0.120	0.118	1.7	58559	501	0.011	0.011	0.0	58802	503	0.045	0.044	2.3
58096	503	0.133	0.132	0.8	58559	502	0.013	0.013	0.0	58813	501	0.106	0.110	-3.6
58301	501	0.035	0.037	-5.4	58559	503	0.015	0.015	0.0	58813	502	0.142	0.148	-4.1
58301	502	0.047	0.049	-4.1	58560	501	0.026	0.026	0.0	58813	503	0.128	0.134	-4.5
58301	503	0.042	0.044	-4.5	58560	502	0.032	0.031	3.2	58822	501	0.090	0.092	-2.2
58302	501	0.026	0.027	-3.7	58560	503	0.035	0.035	0.0	58822	502	0.110	0.109	0.9
58302	502	0.032	0.032	0.0	58575	501	0.033	0.034	-2.9	58822	503	0.123	0.122	0.8
58302	503	0.036	0.036	0.0	58575	502	0.041	0.040	2.5	58837	501	0.214	0.222	-3.6
58397	501	0.153	0.156	-1.9	58575	503	0.046	0.045	2.2	58837	502	0.290	0.300	-3.3
58397	502	0.188	0.185	1.6	58627	501	0.107	0.109	-1.8	58837	503	0.260	0.270	-3.7

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LOSS COST % CHANGE BY CLASS

CLASS	TERR	PROPOSED OCCURR	PRESENT OCCURR	% CHG	CLASS	TERR	PROPOSED OCCURR	PRESENT OCCURR	% CHG	CLASS	TERR	PROPOSED OCCURR	PRESENT OCCURR	% CHG
58840	501	0.064	0.066	-3.0	59257	503	0.014	0.014	0.0	59713	502	0.135	0.133	1.5
58840	502	0.085	0.089	-4.5	59306	501	0.066	0.067	-1.5	59713	503	0.150	0.149	0.7
58840	503	0.077	0.080	-3.7	59306	502	0.081	0.080	1.2	59722	501	0.057	0.058	-1.7
58873	501	0.102	0.106	-3.8	59306	503	0.090	0.089	1.1	59722	502	0.070	0.069	1.4
58873	502	0.136	0.142	-4.2	59378	501	0.069	0.071	-2.8	59722	503	0.078	0.077	1.3
58873	503	0.123	0.128	-3.9	59378	502	0.091	0.095	-4.2	59723	501	0.021	0.022	-4.5
58903	501	0.021	0.021	0.0	59378	503	0.083	0.086	-3.5	59723	502	0.026	0.026	0.0
58903	502	0.025	0.025	0.0	59481	501	0.177	0.181	-2.2	59723	503	0.029	0.029	0.0
58903	503	0.028	0.028	0.0	59481	502	0.218	0.215	1.4	59724	501	0.033	0.034	-2.9
58904	501	0.016	0.016	0.0	59481	503	0.242	0.240	0.8	59724	502	0.040	0.040	0.0
58904	502	0.019	0.019	0.0	59482	501	0.209	0.213	-1.9	59724	503	0.045	0.044	2.3
58904	503	0.022	0.021	4.8	59482	502	0.163	0.165	-1.2	59725	501	0.041	0.042	-2.4
58922	501	0.170	0.176	-3.4	59482	503	0.231	0.234	-1.3	59725	502	0.050	0.050	0.0
58922	502	0.226	0.236	-4.2	59537	501	0.074	0.077	-3.9	59725	503	0.056	0.055	1.8
58922	503	0.204	0.213	-4.2	59537	502	0.099	0.103	-3.9	59726	501	0.030	0.030	0.0
59005	501	0.039	0.040	-2.5	59537	503	0.089	0.093	-4.3	59726	502	0.037	0.036	2.8
59005	502	0.048	0.047	2.1	59601	501	0.067	0.068	-1.5	59726	503	0.041	0.040	2.5
59005	503	0.053	0.053	0.0	59601	502	0.082	0.081	1.2	59738	501	0.095	0.097	-2.1
59057	501	0.290	0.290	0.0	59601	503	0.091	0.090	1.1	59738	502	0.117	0.115	1.7
59057	502	0.360	0.350	2.9	59647	501	0.093	0.095	-2.1	59738	503	0.130	0.129	0.8
59057	503	0.390	0.390	0.0	59647	502	0.073	0.074	-1.4	59750	501	0.055	0.057	-3.5
59058	501	0.187	0.191	-2.1	59647	503	0.103	0.104	-1.0	59750	502	0.073	0.076	-3.9
59058	502	0.230	0.226	1.8	59660	501	0.123	0.126	-2.4	59750	503	0.066	0.069	-4.3
59058	503	0.260	0.250	4.0	59660	502	0.151	0.149	1.3	59751	501	0.020	0.021	-4.8
59188	501	0.201	0.205	-2.0	59660	503	0.168	0.166	1.2	59751	502	0.026	0.028	-7.1
59188	502	0.156	0.159	-1.9	59661	501	0.060	0.062	-3.2	59751	503	0.024	0.025	-4.0
59188	503	0.221	0.224	-1.3	59661	502	0.074	0.073	1.4	59773	501	0.012	0.012	0.0
59189	501	0.280	0.280	0.0	59661	503	0.082	0.082	0.0	59773	502	0.009	0.009	0.0
59189	502	0.214	0.218	-1.8	59693	501	0.010	0.010	0.0	59773	503	0.013	0.013	0.0
59189	503	0.300	0.310	-3.2	59693	502	0.012	0.012	0.0	59774	501	0.010	0.010	0.0
59223	501	0.106	0.110	-3.6	59693	503	0.014	0.014	0.0	59774	502	0.008	0.008	0.0
59223	502	0.141	0.147	-4.1	59701	501	0.005	0.005	0.0	59774	503	0.011	0.011	0.0
59223	503	0.127	0.133	-4.5	59701	502	0.006	0.006	0.0	59775	501	0.013	0.013	0.0
59257	501	0.011	0.011	0.0	59701	503	0.007	0.007	0.0	59775	502	0.010	0.010	0.0
59257	502	0.013	0.013	0.0	59713	501	0.110	0.112	-1.8	59775	503	0.014	0.014	0.0

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LOSS COST % CHANGE BY CLASS

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59781	501	0.048	0.050	-4.0	59904	503	0.057	0.059	-3.4	59947	502	0.063	0.065	-3.1
59781	502	0.064	0.066	-3.0	59905	501	0.052	0.053	-1.9	59947	503	0.057	0.059	-3.4
59781	503	0.058	0.060	-3.3	59905	502	0.064	0.063	1.6	59955	501	0.018	0.018	0.0
59782	501	0.071	0.074	-4.1	59905	503	0.071	0.070	1.4	59955	502	0.022	0.021	4.8
59782	502	0.095	0.099	-4.0	59914	501	0.300	0.310	-3.2	59955	503	0.024	0.024	0.0
59782	503	0.086	0.090	-4.4	59914	502	0.370	0.370	0.0	59963	501	0.130	0.133	-2.3
59783	501	0.069	0.072	-4.2	59914	503	0.410	0.410	0.0	59963	502	0.160	0.158	1.3
59783	502	0.093	0.097	-4.1	59915	501	0.156	0.162	-3.7	59963	503	0.178	0.176	1.1
59783	503	0.084	0.087	-3.4	59915	502	0.208	0.217	-4.1	59964	501	0.310	0.310	0.0
59784	501	0.053	0.055	-3.6	59915	503	0.188	0.196	-4.1	59964	502	0.380	0.370	2.7
59784	502	0.071	0.074	-4.1	59917	501	0.029	0.030	-3.3	59964	503	0.420	0.410	2.4
59784	503	0.064	0.067	-4.5	59917	502	0.038	0.040	-5.0	59970	501	0.063	0.066	-4.5
59790	501	0.073	0.075	-2.7	59917	503	0.035	0.036	-2.8	59970	502	0.084	0.088	-4.5
59790	502	0.090	0.089	1.1	59923	501	0.007	0.008	-12.5	59970	503	0.076	0.079	-3.8
59790	503	0.100	0.099	1.0	59923	502	0.009	0.009	0.0	59973	501	0.084	0.086	-2.3
59798	501	0.181	0.188	-3.7	59923	503	0.010	0.010	0.0	59973	502	0.103	0.102	1.0
59798	502	0.242	0.250	-3.2	59925	501	0.350	0.350	0.0	59973	503	0.115	0.114	0.9
59798	503	0.219	0.228	-3.9	59925	502	0.350	0.340	2.9	59975	501	0.088	0.092	-4.3
59806	501	0.130	0.135	-3.7	59925	503	0.260	0.250	4.0	59975	502	0.118	0.123	-4.1
59806	502	0.173	0.181	-4.4	59926	501	0.300	0.290	3.4	59975	503	0.107	0.111	-3.6
59806	503	0.157	0.163	-3.7	59926	502	0.300	0.290	3.4	59977	501	0.051	0.052	-1.9
59867	501	0.083	0.084	-1.2	59926	503	0.220	0.213	3.3	59977	502	0.067	0.070	-4.3
59867	502	0.102	0.100	2.0	59927	501	0.203	0.197	3.0	59977	503	0.061	0.063	-3.2
59867	503	0.113	0.112	0.9	59927	502	0.202	0.197	2.5	59984	501	0.023	0.023	0.0
59886	501	0.011	0.011	0.0	59927	503	0.148	0.143	3.5	59984	502	0.028	0.028	0.0
59886	502	0.014	0.014	0.0	59931	501	0.136	0.139	-2.2	59984	503	0.031	0.031	0.0
59886	503	0.015	0.015	0.0	59931	502	0.168	0.165	1.8	59985	501	0.090	0.092	-2.2
59889	501	0.039	0.040	-2.5	59931	503	0.187	0.185	1.1	59985	502	0.111	0.109	1.8
59889	502	0.030	0.031	-3.2	59932	501	0.147	0.150	-2.0	59985	503	0.123	0.122	0.8
59889	503	0.043	0.044	-2.3	59932	502	0.181	0.178	1.7	59986	501	0.069	0.070	-1.4
59892	501	0.069	0.072	-4.2	59932	503	0.201	0.199	1.0	59986	502	0.085	0.083	2.4
59892	502	0.093	0.097	-4.1	59941	501	0.046	0.047	-2.1	59986	503	0.094	0.093	1.1
59892	503	0.084	0.087	-3.4	59941	502	0.056	0.055	1.8	59988	501	0.023	0.023	0.0
59904	501	0.047	0.049	-4.1	59941	503	0.063	0.062	1.6	59988	502	0.030	0.031	-3.2
59904	502	0.063	0.065	-3.1	59947	501	0.047	0.049	-4.1	59988	503	0.027	0.028	-3.6

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59989	501	0.012	0.012	0.0	61217	503	13.400	13.900	-3.6	63011	502	44.700	45.300	-1.3
59989	502	0.015	0.015	0.0	61218	501	10.300	10.700	-3.7	63011	503	41.200	41.600	-1.0
59989	503	0.016	0.016	0.0	61218	502	7.820	8.140	-3.9	63012	501	91.000	92.500	-1.6
60010	501	28.400	28.900	-1.7	61218	503	9.160	9.480	-3.4	63012	502	63.500	64.400	-1.4
60010	502	19.800	20.100	-1.5	61223	501	73.000	76.200	-4.2	63012	503	58.600	59.100	-0.8
60010	503	18.300	18.500	-1.1	61223	502	55.600	57.900	-4.0	63013	501	86.100	87.600	-1.7
60011	501	32.700	33.300	-1.8	61223	503	65.100	67.400	-3.4	63013	502	60.100	61.000	-1.5
60011	502	22.800	23.100	-1.3	61224	501	23.300	24.300	-4.1	63013	503	55.500	56.000	-0.9
60011	503	21.100	21.200	-0.5	61224	502	17.700	18.500	-4.3	63215	501	42.500	44.300	-4.1
60012	501	53.700	54.700	-1.8	61224	503	20.800	21.500	-3.3	63215	502	32.300	33.700	-4.2
60012	502	37.500	38.000	-1.3	61225	501	32.300	33.800	-4.4	63215	503	37.900	39.200	-3.3
60012	503	34.600	34.900	-0.9	61225	502	24.600	25.600	-3.9	63216	501	29.500	30.700	-3.9
60013	501	46.000	46.800	-1.7	61225	503	28.800	29.800	-3.4	63216	502	22.400	23.400	-4.3
60013	502	32.200	32.600	-1.2	61226	501	54.400	56.700	-4.1	63216	503	26.300	27.200	-3.3
60013	503	29.700	29.900	-0.7	61226	502	41.400	43.000	-3.7	63217	501	25.900	24.900	4.0
60015	501	34.400	35.000	-1.7	61226	503	48.500	50.200	-3.4	63217	502	28.600	27.500	4.0
60015	502	24.000	24.300	-1.2	61227	501	49.700	51.900	-4.2	63217	503	32.300	30.900	4.5
60015	503	22.200	22.300	-0.4	61227	502	37.900	39.400	-3.8	63218	501	8.710	8.380	3.9
60016	501	38.700	39.300	-1.5	61227	503	44.400	45.900	-3.3	63218	502	9.620	9.250	4.0
60016	502	27.000	27.400	-1.5	62000	501	11.300	11.800	-4.2	63218	503	10.900	10.400	4.8
60016	503	24.900	25.100	-0.8	62000	502	8.620	8.970	-3.9	64074	501	16.800	16.800	0.0
60035	501	29.200	30.400	-3.9	62000	503	10.100	10.500	-3.8	64074	502	15.100	15.000	0.7
60035	502	22.200	23.100	-3.9	62001	501	8.940	9.320	-4.1	64074	503	17.500	17.300	1.2
60035	503	26.000	26.900	-3.3	62001	502	6.800	7.080	-4.0	64075	501	11.900	11.800	0.8
61000	501	28.100	28.600	-1.7	62001	503	7.970	8.240	-3.3	64075	502	10.600	10.500	1.0
61000	502	19.700	19.900	-1.0	62002	501	4.080	4.250	-4.0	64075	503	12.300	12.200	0.8
61000	503	18.100	18.300	-1.1	62002	502	3.110	3.230	-3.7	65007	501	25.900	27.000	-4.1
61212	501	14.900	15.600	-4.5	62002	503	3.640	3.760	-3.2	65007	502	19.700	20.500	-3.9
61212	502	11.300	11.800	-4.2	62003	501	12.900	13.400	-3.7	65007	503	23.100	23.900	-3.3
61212	503	13.300	13.800	-3.6	62003	502	9.780	10.200	-4.1	66122	501	11.100	11.600	-4.3
61216	501	16.500	17.300	-4.6	62003	503	11.500	11.900	-3.4	66122	502	8.470	8.820	-4.0
61216	502	12.600	13.100	-3.8	63010	501	51.200	52.000	-1.5	66122	503	9.920	10.300	-3.7
61216	503	14.700	15.300	-3.9	63010	502	35.700	36.200	-1.4	66123	501	6.120	6.380	-4.1
61217	501	15.000	15.700	-4.5	63010	503	33.000	33.200	-0.6	66123	502	4.660	4.840	-3.7
61217	502	11.500	11.900	-3.4	63011	501	63.900	65.100	-1.8	66123	503	5.460	5.640	-3.2

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66309	501	17.900	18.600	-3.8	68001	503	64.000	66.200	-3.3	91125	502	3.130	3.160	-0.9
66309	502	13.600	14.200	-4.2	68439	501	92.300	96.300	-4.2	91125	503	3.130	3.160	-0.9
66309	503	15.900	16.500	-3.6	68439	502	70.300	73.200	-4.0	91127	501	2.570	2.590	-0.8
66561	501	41.400	43.200	-4.2	68439	503	82.300	85.200	-3.4	91127	502	2.570	2.590	-0.8
66561	502	31.500	32.800	-4.0	68500	501	6.250	6.360	-1.7	91127	503	2.570	2.590	-0.8
66561	503	36.900	38.200	-3.4	68500	502	4.370	4.430	-1.4	91130	501	1.570	1.590	-1.3
67017	501	38.400	40.100	-4.2	68500	503	4.030	4.060	-0.7	91130	502	1.570	1.590	-1.3
67017	502	29.200	30.400	-3.9	68604	501	1.730	1.800	-3.9	91130	503	1.570	1.590	-1.3
67017	503	34.300	35.400	-3.1	68604	502	1.320	1.370	-3.6	91135	501	0.440	0.450	-2.2
67508	501	23.100	23.900	-3.3	68604	503	1.540	1.590	-3.1	91135	502	0.440	0.450	-2.2
67508	502	19.400	20.000	-3.0	68606	501	6.750	7.030	-4.0	91135	503	0.440	0.450	-2.2
67508	503	17.700	18.200	-2.7	68606	502	5.140	5.340	-3.7	91150	501	2.430	2.450	-0.8
67509	501	16.900	17.600	-4.0	68606	503	6.020	6.220	-3.2	91150	502	2.430	2.450	-0.8
67509	502	14.200	14.700	-3.4	68607	501	5.330	5.560	-4.1	91150	503	2.430	2.450	-0.8
67509	503	13.000	13.400	-3.0	68607	502	4.060	4.220	-3.8	91155	501	5.400	5.450	-0.9
67510	501	9.420	9.780	-3.7	68607	503	4.750	4.920	-3.5	91155	502	5.400	5.450	-0.9
67510	502	7.900	8.170	-3.3	68702	501	4.390	4.580	-4.1	91155	503	5.400	5.450	-0.9
67510	503	7.230	7.450	-3.0	68702	502	3.340	3.480	-4.0	91160	501	1.260	1.270	-0.8
67511	501	10.200	10.600	-3.8	68702	503	3.920	4.050	-3.2	91160	502	1.260	1.270	-0.8
67511	502	8.550	8.830	-3.2	68703	501	3.290	3.430	-4.1	91160	503	1.260	1.270	-0.8
67511	503	7.820	8.060	-3.0	68703	502	2.510	2.610	-3.8	91175	501	1.080	1.090	-0.9
67512	501	43.600	45.300	-3.8	68703	503	2.940	3.040	-3.3	91175	502	1.080	1.090	-0.9
67512	502	36.600	37.800	-3.2	68706	501	14.100	14.700	-4.1	91175	503	1.080	1.090	-0.9
67512	503	33.500	34.500	-2.9	68706	502	10.700	11.200	-4.5	91177	501	4.740	4.780	-0.8
67513	501	27.700	28.700	-3.5	68706	503	12.600	13.000	-3.1	91177	502	4.740	4.780	-0.8
67513	502	23.200	24.000	-3.3	68707	501	14.000	14.600	-4.1	91177	503	4.740	4.780	-0.8
67513	503	21.300	21.900	-2.7	68707	502	10.600	11.100	-4.5	91179	501	4.760	4.800	-0.8
67634	501	33.200	34.700	-4.3	68707	503	12.400	12.900	-3.9	91179	502	4.760	4.800	-0.8
67634	502	25.300	26.300	-3.8	90089	501	5.200	5.250	-1.0	91179	503	4.760	4.800	-0.8
67634	503	29.600	30.700	-3.6	90089	502	5.200	5.250	-1.0	91190	501	2.550	2.570	-0.8
67635	501	23.500	24.500	-4.1	90089	503	5.200	5.250	-1.0	91190	502	2.550	2.570	-0.8
67635	502	17.900	18.600	-3.8	91111	501	3.820	3.850	-0.8	91190	503	2.550	2.570	-0.8
67635	503	21.000	21.700	-3.2	91111	502	3.820	3.850	-0.8	91200	501	0.890	0.910	-2.2
68001	501	71.800	74.900	-4.1	91111	503	3.820	3.850	-0.8	91200	502	0.890	0.910	-2.2
68001	502	54.700	56.900	-3.9	91125	501	3.130	3.160	-0.9	91200	503	0.890	0.910	-2.2

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LOSS COST % CHANGE BY CLASS

CLASS	TERR	PROPOSED OCCURR	PRESENT OCCURR	% CHG	CLASS	TERR	PROPOSED OCCURR	PRESENT OCCURR	% CHG	CLASS	TERR	PROPOSED OCCURR	PRESENT OCCURR	% CHG
91235	501	2.970	2.990	-0.7	91405	503	6.760	6.990	-3.3	91590	502	4.160	4.200	-1.0
91235	502	2.970	2.990	-0.7	91436	501	6.150	6.210	-1.0	91590	503	4.160	4.200	-1.0
91235	503	2.970	2.990	-0.7	91436	502	6.150	6.210	-1.0	91606	501	15.400	15.600	-1.3
91250	501	4.470	4.500	-0.7	91436	503	6.150	6.210	-1.0	91606	502	15.400	15.600	-1.3
91250	502	4.470	4.500	-0.7	91481	501	22.400	22.700	-1.3	91606	503	15.400	15.600	-1.3
91250	503	4.470	4.500	-0.7	91481	502	22.400	22.700	-1.3	91629	501	3.140	3.200	-1.9
91265	501	19.200	19.500	-1.5	91481	503	22.400	22.700	-1.3	91629	502	3.140	3.200	-1.9
91265	502	19.200	19.500	-1.5	91507	501	3.310	3.340	-0.9	91629	503	3.140	3.200	-1.9
91265	503	19.200	19.500	-1.5	91507	502	3.310	3.340	-0.9	91636	501	5.380	5.470	-1.6
91266	501	10.100	10.300	-1.9	91507	503	3.310	3.340	-0.9	91636	502	5.380	5.470	-1.6
91266	502	10.100	10.300	-1.9	91523	501	50.900	51.500	-1.2	91636	503	5.380	5.470	-1.6
91266	503	10.100	10.300	-1.9	91523	502	50.900	51.500	-1.2	91641	501	1.460	1.490	-2.0
91302	501	13.100	13.600	-3.7	91523	503	50.900	51.500	-1.2	91641	502	1.460	1.490	-2.0
91302	502	13.100	13.600	-3.7	91547	501	0.290	0.300	-3.3	91641	503	1.460	1.490	-2.0
91302	503	13.100	13.600	-3.7	91547	502	0.290	0.300	-3.3	91666	501	1.120	1.130	-0.9
91315	501	3.990	4.130	-3.4	91547	503	0.290	0.300	-3.3	91666	502	1.120	1.130	-0.9
91315	502	3.990	4.130	-3.4	91551	501	1.800	1.810	-0.6	91666	503	1.120	1.130	-0.9
91315	503	3.990	4.130	-3.4	91551	502	1.800	1.810	-0.6	91722	501	4.710	4.790	-1.7
91324	501	8.890	9.190	-3.3	91551	503	1.800	1.810	-0.6	91722	502	4.710	4.790	-1.7
91324	502	8.890	9.190	-3.3	91555	501	1.790	1.800	-0.6	91722	503	4.710	4.790	-1.7
91324	503	8.890	9.190	-3.3	91555	502	1.790	1.800	-0.6	91746	501	4.000	4.040	-1.0
91340	501	5.800	6.000	-3.3	91555	503	1.790	1.800	-0.6	91746	502	4.000	4.040	-1.0
91340	502	5.800	6.000	-3.3	91560	501	5.600	5.700	-1.8	91746	503	4.000	4.040	-1.0
91340	503	5.800	6.000	-3.3	91560	502	5.600	5.700	-1.8	91805	501	0.248	0.260	-4.6
91341	501	5.430	5.480	-0.9	91560	503	5.600	5.700	-1.8	91805	502	0.248	0.260	-4.6
91341	502	5.430	5.480	-0.9	91562	501	4.000	4.040	-1.0	91805	503	0.248	0.260	-4.6
91341	503	5.430	5.480	-0.9	91562	502	4.000	4.040	-1.0	92053	501	0.620	0.620	0.0
91342	501	5.320	5.500	-3.3	91562	503	4.000	4.040	-1.0	92053	502	0.620	0.620	0.0
91342	502	5.320	5.500	-3.3	91577	501	14.300	14.500	-1.4	92053	503	0.620	0.620	0.0
91342	503	5.320	5.500	-3.3	91577	502	14.300	14.500	-1.4	92054	501	0.213	0.215	-0.9
91343	501	1.200	1.210	-0.8	91577	503	14.300	14.500	-1.4	92054	502	0.213	0.215	-0.9
91343	502	1.200	1.210	-0.8	91580	501	7.400	7.530	-1.7	92054	503	0.213	0.215	-0.9
91343	503	1.200	1.210	-0.8	91580	502	7.400	7.530	-1.7	92055	501	5.940	5.990	-0.8
91405	501	6.760	6.990	-3.3	91580	503	7.400	7.530	-1.7	92055	502	5.940	5.990	-0.8
91405	502	6.760	6.990	-3.3	91590	501	4.160	4.200	-1.0	92055	503	5.940	5.990	-0.8

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LOSS COST % CHANGE BY CLASS

CLASS	TERR	PROPOSED OCCURR	PRESENT OCCURR	% CHG	CLASS	TERR	PROPOSED OCCURR	PRESENT OCCURR	% CHG	CLASS	TERR	PROPOSED OCCURR	PRESENT OCCURR	% CHG
92101	501	9.280	9.370	-1.0	92663	503	0.720	0.740	-2.7	95233	502	3.810	3.840	-0.8
92101	502	9.280	9.370	-1.0	94007	501	13.200	13.400	-1.5	95233	503	3.810	3.840	-0.8
92101	503	9.280	9.370	-1.0	94007	502	13.200	13.400	-1.5	95305	501	4.140	4.180	-1.0
92102	501	5.590	5.640	-0.9	94007	503	13.200	13.400	-1.5	95305	502	4.140	4.180	-1.0
92102	502	5.590	5.640	-0.9	94099	501	3.020	3.050	-1.0	95305	503	4.140	4.180	-1.0
92102	503	5.590	5.640	-0.9	94099	502	3.020	3.050	-1.0	95306	501	6.170	6.280	-1.8
92215	501	4.260	4.290	-0.7	94099	503	3.020	3.050	-1.0	95306	502	6.170	6.280	-1.8
92215	502	4.260	4.290	-0.7	94225	501	10.600	10.700	-0.9	95306	503	6.170	6.280	-1.8
92215	503	4.260	4.290	-0.7	94225	502	10.600	10.700	-0.9	95310	501	9.880	10.000	-1.2
92338	501	2.140	2.170	-1.4	94225	503	10.600	10.700	-0.9	95310	502	9.880	10.000	-1.2
92338	502	2.140	2.170	-1.4	94276	501	5.530	5.580	-0.9	95310	503	9.880	10.000	-1.2
92338	503	2.140	2.170	-1.4	94276	502	5.530	5.580	-0.9	95357	501	1.570	1.590	-1.3
92445	501	3.080	3.140	-1.9	94276	503	5.530	5.580	-0.9	95357	502	1.570	1.590	-1.3
92445	502	3.080	3.140	-1.9	94304	501	3.790	3.820	-0.8	95357	503	1.570	1.590	-1.3
92445	503	3.080	3.140	-1.9	94304	502	3.790	3.820	-0.8	95410	501	5.330	5.390	-1.1
92446	501	7.060	7.130	-1.0	94304	503	3.790	3.820	-0.8	95410	502	5.330	5.390	-1.1
92446	502	7.060	7.130	-1.0	94381	501	7.120	7.170	-0.7	95410	503	5.330	5.390	-1.1
92446	503	7.060	7.130	-1.0	94381	502	7.120	7.170	-0.7	95455	501	6.500	6.610	-1.7
92447	501	6.170	6.230	-1.0	94381	503	7.120	7.170	-0.7	95455	502	6.500	6.610	-1.7
92447	502	6.170	6.230	-1.0	94404	501	5.240	5.290	-0.9	95455	503	6.500	6.610	-1.7
92447	503	6.170	6.230	-1.0	94404	502	5.240	5.290	-0.9	95487	501	2.860	2.890	-1.0
92451	501	2.970	2.990	-0.7	94404	503	5.240	5.290	-0.9	95487	502	2.860	2.890	-1.0
92451	502	2.970	2.990	-0.7	94569	501	3.540	3.570	-0.8	95487	503	2.860	2.890	-1.0
92451	503	2.970	2.990	-0.7	94569	502	3.540	3.570	-0.8	95505	501	3.030	3.080	-1.6
92453	501	3.900	3.940	-1.0	94569	503	3.540	3.570	-0.8	95505	502	3.030	3.080	-1.6
92453	502	3.900	3.940	-1.0	94590	501	15.300	15.400	-0.6	95505	503	3.030	3.080	-1.6
92453	503	3.900	3.940	-1.0	94590	502	15.300	15.400	-0.6	95620	501	2.320	2.350	-1.3
92478	501	1.940	1.950	-0.5	94590	503	15.300	15.400	-0.6	95620	502	2.320	2.350	-1.3
92478	502	1.940	1.950	-0.5	94617	501	4.820	4.860	-0.8	95620	503	2.320	2.350	-1.3
92478	503	1.940	1.950	-0.5	94617	502	4.820	4.860	-0.8	95625	501	6.280	6.490	-3.2
92593	501	38.900	39.300	-1.0	94617	503	4.820	4.860	-0.8	95625	502	6.280	6.490	-3.2
92593	502	38.900	39.300	-1.0	95124	501	1.780	1.790	-0.6	95625	503	6.280	6.490	-3.2
92593	503	38.900	39.300	-1.0	95124	502	1.780	1.790	-0.6	95647	501	3.570	3.600	-0.8
92663	501	0.720	0.740	-2.7	95124	503	1.780	1.790	-0.6	95647	502	3.570	3.600	-0.8
92663	502	0.720	0.740	-2.7	95233	501	3.810	3.840	-0.8	95647	503	3.570	3.600	-0.8

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96053	501	2.720	2.740	-0.7	97111	503	6.380	6.440	-0.9	98002	502	1.060	1.080	-1.9
96053	502	2.720	2.740	-0.7	97220	501	0.420	0.430	-2.3	98002	503	1.060	1.080	-1.9
96053	503	2.720	2.740	-0.7	97220	502	0.420	0.430	-2.3	98003	501	1.180	1.190	-0.8
96317	501	1.630	1.650	-1.2	97220	503	0.420	0.430	-2.3	98003	502	1.180	1.190	-0.8
96317	502	1.630	1.650	-1.2	97222	501	1.970	1.980	-0.5	98003	503	1.180	1.190	-0.8
96317	503	1.630	1.650	-1.2	97222	502	1.970	1.980	-0.5	98090	501	0.159	0.160	-0.6
96408	501	4.620	4.660	-0.9	97222	503	1.970	1.980	-0.5	98090	502	0.159	0.160	-0.6
96408	502	4.620	4.660	-0.9	97223	501	2.970	2.990	-0.7	98090	503	0.159	0.160	-0.6
96408	503	4.620	4.660	-0.9	97223	502	2.970	2.990	-0.7	98091	501	0.172	0.173	-0.6
96409	501	4.270	4.320	-1.2	97223	503	2.970	2.990	-0.7	98091	502	0.172	0.173	-0.6
96409	502	4.270	4.320	-1.2	97308	501	0.780	0.800	-2.5	98091	503	0.172	0.173	-0.6
96409	503	4.270	4.320	-1.2	97308	502	0.780	0.800	-2.5	98092	501	0.530	0.520	1.9
96410	501	3.750	3.790	-1.1	97308	503	0.780	0.800	-2.5	98092	502	0.530	0.520	1.9
96410	502	3.750	3.790	-1.1	97447	501	2.580	2.620	-1.5	98092	503	0.530	0.520	1.9
96410	503	3.750	3.790	-1.1	97447	502	2.580	2.620	-1.5	98111	501	0.750	0.750	0.0
96611	501	1.330	1.380	-3.6	97447	503	2.580	2.620	-1.5	98111	502	0.750	0.750	0.0
96611	502	1.330	1.380	-3.6	97650	501	4.410	4.460	-1.1	98111	503	0.750	0.750	0.0
96611	503	1.330	1.380	-3.6	97650	502	4.410	4.460	-1.1	98152	501	3.580	3.650	-1.9
96702	501	5.310	5.370	-1.1	97650	503	4.410	4.460	-1.1	98152	502	3.580	3.650	-1.9
96702	502	5.310	5.370	-1.1	97651	501	7.620	7.760	-1.8	98152	503	3.580	3.650	-1.9
96702	503	5.310	5.370	-1.1	97651	502	7.620	7.760	-1.8	98153	501	4.030	4.110	-1.9
96816	501	4.980	5.040	-1.2	97651	503	7.620	7.760	-1.8	98153	502	4.030	4.110	-1.9
96816	502	4.980	5.040	-1.2	97652	501	6.610	6.730	-1.8	98153	503	4.030	4.110	-1.9
96816	503	4.980	5.040	-1.2	97652	502	6.610	6.730	-1.8	98154	501	4.770	4.850	-1.6
96872	501	5.770	5.870	-1.7	97652	503	6.610	6.730	-1.8	98154	502	4.770	4.850	-1.6
96872	502	5.770	5.870	-1.7	97653	501	3.770	3.810	-1.0	98154	503	4.770	4.850	-1.6
96872	503	5.770	5.870	-1.7	97653	502	3.770	3.810	-1.0	98155	501	6.660	6.790	-1.9
97047	501	4.040	4.180	-3.3	97653	503	3.770	3.810	-1.0	98155	502	6.660	6.790	-1.9
97047	502	4.040	4.180	-3.3	97654	501	6.570	6.630	-0.9	98155	503	6.660	6.790	-1.9
97047	503	4.040	4.180	-3.3	97654	502	6.570	6.630	-0.9	98157	501	4.260	4.340	-1.8
97050	501	3.140	3.250	-3.4	97654	503	6.570	6.630	-0.9	98157	502	4.260	4.340	-1.8
97050	502	3.140	3.250	-3.4	97655	501	5.880	5.990	-1.8	98157	503	4.260	4.340	-1.8
97050	503	3.140	3.250	-3.4	97655	502	5.880	5.990	-1.8	98159	501	2.860	2.910	-1.7
97111	501	6.380	6.440	-0.9	97655	503	5.880	5.990	-1.8	98159	502	2.860	2.910	-1.7
97111	502	6.380	6.440	-0.9	98002	501	1.060	1.080	-1.9	98159	503	2.860	2.910	-1.7

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LOSS COST % CHANGE BY CLASS

CLASS	TERR	PROPOSED OCCURR	PRESENT OCCURR	% CHG	CLASS	TERR	PROPOSED OCCURR	PRESENT OCCURR	% CHG	CLASS	TERR	PROPOSED OCCURR	PRESENT OCCURR	% CHG
98160	501	6.050	6.160	-1.8	98309	503	6.720	6.840	-1.8	98449	502	4.270	4.320	-1.2
98160	502	6.050	6.160	-1.8	98344	501	0.900	0.930	-3.2	98449	503	4.270	4.320	-1.2
98160	503	6.050	6.160	-1.8	98344	502	0.900	0.930	-3.2	98482	501	4.580	4.620	-0.9
98161	501	6.780	6.900	-1.7	98344	503	0.900	0.930	-3.2	98482	502	4.580	4.620	-0.9
98161	502	6.780	6.900	-1.7	98405	501	1.490	1.540	-3.2	98482	503	4.580	4.620	-0.9
98161	503	6.780	6.900	-1.7	98405	502	1.490	1.540	-3.2	98483	501	6.760	6.830	-1.0
98163	501	7.120	7.250	-1.8	98405	503	1.490	1.540	-3.2	98483	502	6.760	6.830	-1.0
98163	502	7.120	7.250	-1.8	98413	501	17.400	17.500	-0.6	98483	503	6.760	6.830	-1.0
98163	503	7.120	7.250	-1.8	98413	502	17.400	17.500	-0.6	98502	501	6.470	6.540	-1.1
98164	501	2.500	2.520	-0.8	98413	503	17.400	17.500	-0.6	98502	502	6.470	6.540	-1.1
98164	502	2.500	2.520	-0.8	98414	501	15.900	16.000	-0.6	98502	503	6.470	6.540	-1.1
98164	503	2.500	2.520	-0.8	98414	502	15.900	16.000	-0.6	98555	501	3.020	3.050	-1.0
98257	501	1.780	1.790	-0.6	98414	503	15.900	16.000	-0.6	98555	502	3.020	3.050	-1.0
98257	502	1.780	1.790	-0.6	98415	501	2.090	2.110	-0.9	98555	503	3.020	3.050	-1.0
98257	503	1.780	1.790	-0.6	98415	502	2.090	2.110	-0.9	98597	501	0.680	0.680	0.0
98303	501	13.400	13.700	-2.2	98415	503	2.090	2.110	-0.9	98597	502	0.680	0.680	0.0
98303	502	13.400	13.700	-2.2	98423	501	4.970	5.020	-1.0	98597	503	0.680	0.680	0.0
98303	503	13.400	13.700	-2.2	98423	502	4.970	5.020	-1.0	98598	501	0.232	0.235	-1.3
98304	501	6.590	6.650	-0.9	98423	503	4.970	5.020	-1.0	98598	502	0.232	0.235	-1.3
98304	502	6.590	6.650	-0.9	98424	501	8.430	8.510	-0.9	98598	503	0.232	0.235	-1.3
98304	503	6.590	6.650	-0.9	98424	502	8.430	8.510	-0.9	98601	501	7.760	7.830	-0.9
98305	501	3.250	3.360	-3.3	98424	503	8.430	8.510	-0.9	98601	502	7.760	7.830	-0.9
98305	502	3.250	3.360	-3.3	98425	501	3.470	3.490	-0.6	98601	503	7.760	7.830	-0.9
98305	503	3.250	3.360	-3.3	98425	502	3.470	3.490	-0.6	98624	501	1.220	1.230	-0.8
98306	501	8.350	8.630	-3.2	98425	503	3.470	3.490	-0.6	98624	502	1.220	1.230	-0.8
98306	502	8.350	8.630	-3.2	98426	501	3.060	3.090	-1.0	98624	503	1.220	1.230	-0.8
98306	503	8.350	8.630	-3.2	98426	502	3.060	3.090	-1.0	98636	501	3.640	3.670	-0.8
98307	501	2.090	2.110	-0.9	98426	503	3.060	3.090	-1.0	98636	502	3.640	3.670	-0.8
98307	502	2.090	2.110	-0.9	98427	501	2.980	3.010	-1.0	98636	503	3.640	3.670	-0.8
98307	503	2.090	2.110	-0.9	98427	502	2.980	3.010	-1.0	98640	501	134.000	135.000	-0.7
98308	501	1.370	1.390	-1.4	98427	503	2.980	3.010	-1.0	98640	502	134.000	135.000	-0.7
98308	502	1.370	1.390	-1.4	98429	501	1.400	1.430	-2.1	98640	503	134.000	135.000	-0.7
98308	503	1.370	1.390	-1.4	98429	502	1.400	1.430	-2.1	98658	501	6.890	7.020	-1.9
98309	501	6.720	6.840	-1.8	98429	503	1.400	1.430	-2.1	98658	502	6.890	7.020	-1.9
98309	502	6.720	6.840	-1.8	98449	501	4.270	4.320	-1.2	98658	503	6.890	7.020	-1.9

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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
98659	501	1.230	1.260	-2.4	98820	503	10.500	10.700	-1.9	99220	502	1.850	1.880	-1.6
98659	502	1.230	1.260	-2.4	98884	501	2.740	2.770	-1.1	99220	503	1.850	1.880	-1.6
98659	503	1.230	1.260	-2.4	98884	502	2.740	2.770	-1.1	99222	501	3.480	3.530	-1.4
98677	501	21.100	21.300	-0.9	98884	503	2.740	2.770	-1.1	99222	502	3.480	3.530	-1.4
98677	502	21.100	21.300	-0.9	98914	501	0.840	0.850	-1.2	99222	503	3.480	3.530	-1.4
98677	503	21.100	21.300	-0.9	98914	502	0.840	0.850	-1.2	99223	501	0.310	0.320	-3.1
98678	501	18.700	18.900	-1.1	98914	503	0.840	0.850	-1.2	99223	502	0.310	0.320	-3.1
98678	502	18.700	18.900	-1.1	98949	501	1.170	1.200	-2.5	99223	503	0.310	0.320	-3.1
98678	503	18.700	18.900	-1.1	98949	502	1.170	1.200	-2.5	99303	501	16.900	17.000	-0.6
98699	501	6.090	6.150	-1.0	98949	503	1.170	1.200	-2.5	99303	502	16.900	17.000	-0.6
98699	502	6.090	6.150	-1.0	98967	501	4.310	4.360	-1.1	99303	503	16.900	17.000	-0.6
98699	503	6.090	6.150	-1.0	98967	502	4.310	4.360	-1.1	99310	501	4.210	4.260	-1.2
98705	501	9.750	9.900	-1.5	98967	503	4.310	4.360	-1.1	99310	502	4.210	4.260	-1.2
98705	502	9.750	9.900	-1.5	98993	501	6.970	7.030	-0.9	99310	503	4.210	4.260	-1.2
98705	503	9.750	9.900	-1.5	98993	502	6.970	7.030	-0.9	99315	501	12.400	12.500	-0.8
98710	501	4.230	4.280	-1.2	98993	503	6.970	7.030	-0.9	99315	502	12.400	12.500	-0.8
98710	502	4.230	4.280	-1.2	99003	501	2.050	2.070	-1.0	99315	503	12.400	12.500	-0.8
98710	503	4.230	4.280	-1.2	99003	502	2.050	2.070	-1.0	99321	501	12.000	12.200	-1.6
98751	501	5.210	5.310	-1.9	99003	503	2.050	2.070	-1.0	99321	502	12.000	12.200	-1.6
98751	502	5.210	5.310	-1.9	99004	501	3.670	3.790	-3.2	99321	503	12.000	12.200	-1.6
98751	503	5.210	5.310	-1.9	99004	502	3.670	3.790	-3.2	99471	501	0.840	0.850	-1.2
98805	501	5.530	5.580	-0.9	99004	503	3.670	3.790	-3.2	99471	502	0.840	0.850	-1.2
98805	502	5.530	5.580	-0.9	99080	501	1.450	1.470	-1.4	99471	503	0.840	0.850	-1.2
98805	503	5.530	5.580	-0.9	99080	502	1.450	1.470	-1.4	99505	501	5.900	5.940	-0.7
98806	501	3.400	3.430	-0.9	99080	503	1.450	1.470	-1.4	99505	502	5.900	5.940	-0.7
98806	502	3.400	3.430	-0.9	99111	501	2.110	2.130	-0.9	99505	503	5.900	5.940	-0.7
98806	503	3.400	3.430	-0.9	99111	502	2.110	2.130	-0.9	99506	501	7.260	7.320	-0.8
98810	501	4.580	4.730	-3.2	99111	503	2.110	2.130	-0.9	99506	502	7.260	7.320	-0.8
98810	502	4.580	4.730	-3.2	99163	501	5.020	5.080	-1.2	99506	503	7.260	7.320	-0.8
98810	503	4.580	4.730	-3.2	99163	502	5.020	5.080	-1.2	99507	501	6.330	6.380	-0.8
98813	501	4.420	4.560	-3.1	99163	503	5.020	5.080	-1.2	99507	502	6.330	6.380	-0.8
98813	502	4.420	4.560	-3.1	99165	501	1.100	1.110	-0.9	99507	503	6.330	6.380	-0.8
98813	503	4.420	4.560	-3.1	99165	502	1.100	1.110	-0.9	99570	501	3.400	3.430	-0.9
98820	501	10.500	10.700	-1.9	99165	503	1.100	1.110	-0.9	99570	502	3.400	3.430	-0.9
98820	502	10.500	10.700	-1.9	99220	501	1.850	1.880	-1.6	99570	503	3.400	3.430	-0.9

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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
99571	501	0.820	0.830	-1.2	99760	503	0.330	0.340	-2.9	99953	502	7.240	7.480	-3.2
99571	502	0.820	0.830	-1.2	99777	501	7.930	8.200	-3.3	99953	503	7.240	7.480	-3.2
99571	503	0.820	0.830	-1.2	99777	502	7.930	8.200	-3.3	99954	501	5.270	5.450	-3.3
99572	501	1.610	1.620	-0.6	99777	503	7.930	8.200	-3.3	99954	502	5.270	5.450	-3.3
99572	502	1.610	1.620	-0.6	99793	501	3.650	3.690	-1.1	99954	503	5.270	5.450	-3.3
99572	503	1.610	1.620	-0.6	99793	502	3.650	3.690	-1.1	99955	501	6.600	6.820	-3.2
99573	501	1.540	1.540	0.0	99793	503	3.650	3.690	-1.1	99955	502	6.600	6.820	-3.2
99573	502	1.540	1.540	0.0	99826	501	0.900	0.930	-3.2	99955	503	6.600	6.820	-3.2
99573	503	1.540	1.540	0.0	99826	502	0.900	0.930	-3.2	99963	501	0.830	0.840	-1.2
99600	501	1.600	1.650	-3.0	99826	503	0.900	0.930	-3.2	99963	502	0.830	0.840	-1.2
99600	502	1.600	1.650	-3.0	99827	501	0.530	0.520	1.9	99963	503	0.830	0.840	-1.2
99600	503	1.600	1.650	-3.0	99827	502	0.530	0.520	1.9	99969	501	3.370	3.430	-1.7
99613	501	10.600	10.800	-1.9	99827	503	0.530	0.520	1.9	99969	502	3.370	3.430	-1.7
99613	502	10.600	10.800	-1.9	99851	501	2.130	2.150	-0.9	99969	503	3.370	3.430	-1.7
99613	503	10.600	10.800	-1.9	99851	502	2.130	2.150	-0.9	99975	501	5.860	6.050	-3.1
99614	501	3.560	3.680	-3.3	99851	503	2.130	2.150	-0.9	99975	502	5.860	6.050	-3.1
99614	502	3.560	3.680	-3.3	99917	501	3.450	3.470	-0.6	99975	503	5.860	6.050	-3.1
99614	503	3.560	3.680	-3.3	99917	502	3.450	3.470	-0.6	99988	501	2.970	3.020	-1.7
99620	501	0.580	0.580	0.0	99917	503	3.450	3.470	-0.6	99988	502	2.970	3.020	-1.7
99620	502	0.580	0.580	0.0	99938	501	3.860	3.900	-1.0	99988	503	2.970	3.020	-1.7
99620	503	0.580	0.580	0.0	99938	502	3.860	3.900	-1.0					
99650	501	1.610	1.620	-0.6	99938	503	3.860	3.900	-1.0					
99650	502	1.610	1.620	-0.6	99943	501	11.200	11.300	-0.9					
99650	503	1.610	1.620	-0.6	99943	502	11.200	11.300	-0.9					
99709	501	3.970	4.000	-0.7	99943	503	11.200	11.300	-0.9					
99709	502	3.970	4.000	-0.7	99946	501	8.350	8.430	-0.9					
99709	503	3.970	4.000	-0.7	99946	502	8.350	8.430	-0.9					
99718	501	1.700	1.720	-1.2	99946	503	8.350	8.430	-0.9					
99718	502	1.700	1.720	-1.2	99948	501	8.400	8.460	-0.7					
99718	503	1.700	1.720	-1.2	99948	502	8.400	8.460	-0.7					
99746	501	2.880	2.910	-1.0	99948	503	8.400	8.460	-0.7					
99746	502	2.880	2.910	-1.0	99952	501	6.700	6.930	-3.3					
99746	503	2.880	2.910	-1.0	99952	502	6.700	6.930	-3.3					
99760	501	0.330	0.340	-2.9	99952	503	6.700	6.930	-3.3					
99760	502	0.330	0.340	-2.9	99953	501	7.240	7.480	-3.2					

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LOSS COST % CHANGE BY CLASS

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10010	0.189	0.195	-3.1	11259	0.076	0.092	-17.4	13759	0.132	0.120	10.0
10026	0.017	0.015	13.3	11288	0.065	0.068	-4.4	13930	0.174	0.201	-13.4
10040	0.320	0.300	6.7	12014	0.034	0.030	13.3	14068	0.012	0.014	-14.3
10042	0.370	0.340	8.8	12356	0.032	0.025	28.0	14101	0.043	0.038	13.2
10060	0.086	0.077	11.7	12361	0.070	0.077	-9.1	14279	0.065	0.054	20.4
10065	0.032	0.025	28.0 U	12373	0.023	0.024	-4.2	14401	0.097	0.108	-10.2
10066	0.046	0.041	12.2	12374	0.057	0.060	-5.0	14527	0.179	0.189	-5.3
10070	0.151	0.154	-1.9	12375	0.029	0.036	-19.4 L	14855	0.133	0.154	-13.6
10071	0.115	0.100	15.0	12391	0.070	0.082	-14.6	14913	0.162	0.141	14.9
10073	0.450	0.490	-8.2	12509	0.031	0.036	-13.9	15223	0.044	0.041	7.3
10075	0.229	0.179	27.9 U	12510	0.023	0.021	9.5	15224	0.050	0.053	-5.7
10100	0.050	0.042	19.0	12651	0.510	0.530	-3.8	15406	0.053	0.048	10.4
10101	0.177	0.181	-2.2	12707	0.560	0.640	-12.5	15538	0.016	0.014	14.3
10107	0.280	0.240	16.7	12797	0.194	0.196	-1.0	15600	0.098	0.077	27.3
10111	0.067	0.078	-14.1	12805	0.160	0.129	24.0	15608	0.009	0.008	12.5
10115	0.084	0.072	16.7	13049	0.051	0.057	-10.5	15733	0.034	0.037	-8.1
10140	0.022	0.021	4.8	13111	0.092	0.093	-1.1	15839	0.025	0.023	8.7
10141	0.023	0.023	0.0	13112	0.063	0.063	0.0	15991	0.083	0.069	20.3
10145	0.006	0.007	-14.3	13201	0.144	0.160	-10.0	15993	0.050	0.044	13.6
10146	0.014	0.014	0.0	13204	1.140	1.450	-21.4	16005	0.031	0.034	-8.8
10255	0.151	0.147	2.7	13205	0.420	0.460	-8.7	16009	0.106	0.094	12.8
10256	0.183	0.152	20.4	13314	0.014	0.016	-12.5	16403	0.207	0.165	25.5
10257	0.148	0.169	-12.4	13351	0.058	0.046	26.1 U	16527	0.320	0.350	-8.6
10309	0.015	0.014	7.1	13352	0.039	0.035	11.4	16604	0.122	0.146	-16.4
10352	0.041	0.047	-12.8	13410	2.350	2.990	-21.4	16676	0.013	0.012	8.3
11020	0.114	0.098	16.3	13412	1.210	1.140	6.1	16705	0.131	0.148	-11.5
11039	0.059	0.057	3.5	13506	0.073	0.063	15.9	16750	0.034	0.032	6.3
11126	0.024	0.022	9.1	13507	0.168	0.156	7.7	16900	0.078	0.083	-6.0
11127	0.010	0.008	25.0	13590	0.670	0.740	-9.5	16901	0.103	0.128	-19.5 L
11128	0.072	0.062	16.1	13621	0.330	0.320	3.1	16902	0.043	0.053	-18.9 L
11203	0.460	0.520	-11.5	13670	0.017	0.015	13.3	16905	0.078	0.083	-6.0
11204	1.480	1.340	10.4	13673	0.015	0.014	7.1	16906	0.103	0.128	-19.5 L
11234	0.059	0.051	15.7	13715	0.145	0.165	-12.1	16910	0.050	0.055	-9.1
11248	0.016	0.018	-11.1	13716	0.117	0.113	3.5	16911	0.048	0.054	-11.1
11258	0.102	0.127	-19.7	13720	0.051	0.050	2.0	16915	0.040	0.045	-11.1

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LOSS COST % CHANGE BY CLASS

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16916	0.049	0.053	-7.5	51116	0.690	0.690	0.0	51666	0.089	0.101	-11.9
16920	0.112	0.122	-8.2	51205	0.059	0.071	-16.9	51734	0.350	0.310	12.9
16921	0.041	0.049	-16.3	51206	0.320	0.390	-17.9	51741	0.243	0.260	-6.5
16930	0.128	0.145	-11.7	51220	1.900	2.280	-16.7	51752	0.150	0.165	-9.1
16931	0.060	0.062	-3.2	51221	1.760	1.780	-1.1	51767	0.007	0.008	-12.5
16940	0.041	0.049	-16.3	51222	4.530	3.670	23.4	51777	0.077	0.078	-1.3
16941	0.064	0.078	-17.9	51224	1.490	1.450	2.8	51808	0.680	0.730	-6.8
18078	0.113	0.105	7.6	51230	0.740	0.790	-6.3	51809	0.146	0.153	-4.6
18109	0.028	0.024	16.7	51240	0.196	0.185	5.9	51833	0.054	0.060	-10.0
18110	0.038	0.032	18.8	51241	0.218	0.260	-16.2	51869	0.136	0.136	0.0
18205	0.380	0.350	8.6	51252	0.074	0.100	-26.0 L	51877	0.191	0.212	-9.9
18206	0.126	0.107	17.8	51254	0.032	0.039	-17.9	51889	0.011	0.012	-8.3
18335	0.018	0.016	12.5	51300	0.147	0.160	-8.1	51896	0.017	0.018	-5.6
18435	0.052	0.054	-3.7	51305	0.880	0.960	-8.3	51900	0.100	0.095	5.3
18436	0.101	0.125	-19.2	51315	0.096	0.106	-9.4	51909	0.053	0.056	-5.4
18501	0.009	0.010	-10.0	51330	0.660	0.530	24.5 U	51926	0.044	0.038	15.8
18506	0.006	0.005	20.0	51333	0.320	0.340	-5.9	51927	0.132	0.131	0.8
18507	0.008	0.007	14.3	51350	0.127	0.135	-5.9	51934	0.107	0.125	-14.4
18616	0.590	0.590	0.0	51351	0.049	0.042	16.7	51941	0.041	0.041	0.0
18707	0.005	0.004	25.0 U	51352	0.101	0.108	-6.5	51956	0.205	0.221	-7.2
18708	0.017	0.014	21.4 U	51355	0.091	0.094	-3.2	51957	0.460	0.420	9.5
18834	0.142	0.127	11.8	51356	0.560	0.620	-9.7	51958	0.370	0.410	-9.8
18911	0.019	0.017	11.8	51357	0.760	0.660	15.2	51960	0.330	0.350	-5.7
18912	0.036	0.030	20.0	51358	0.129	0.141	-8.5	51970	0.177	0.238	-25.6 L
18920	0.018	0.016	12.5	51359	0.710	0.780	-9.0	51982	0.077	0.083	-7.2
45771	0.139	0.164	-15.2	51370	3.830	4.570	-16.2	51986	0.096	0.103	-6.8
45819	0.068	0.066	3.0	51380	0.041	0.044	-6.8	51999	0.400	0.440	-9.1
45900	0.032	0.040	-20.0 L	51500	0.116	0.119	-2.5	52002	0.114	0.129	-11.6
45901	0.045	0.049	-8.2	51550	0.400	0.390	2.6	52075	0.222	0.243	-8.6
49239	0.460	0.600	-23.3	51551	0.890	0.910	-2.2	52134	0.600	0.630	-4.8
49617	0.208	0.181	14.9	51552	0.152	0.159	-4.4	52315	0.270	0.260	3.8
49618	0.072	0.058	24.1	51575	0.021	0.020	5.0	52433	0.800	1.020	-21.6
49619	0.125	0.107	16.8	51576	0.097	0.093	4.3	52469	0.096	0.104	-7.7
50010	0.380	0.490	-22.4	51600	0.172	0.191	-9.9	52505	0.237	0.216	9.7
51001	0.420	0.450	-6.7	51613	0.139	0.139	0.0	52547	0.070	0.078	-10.3

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STATE: 48 - WISCONSIN  
 SUBLINE: PRODUCTS/COMPLETED OPERATIONS

LOSS COST % CHANGE BY CLASS

CLASS	PROPOSED OCCURR	PRESENT OCCURR	% CHG	CLASS	PROPOSED OCCURR	PRESENT OCCURR	% CHG	CLASS	PROPOSED OCCURR	PRESENT OCCURR	% CHG
52581	2.190	2.950	-25.8 L	56391	0.300	0.320	-6.3	58397	0.650	0.740	-12.2
52744	0.066	0.081	-18.5	56427	0.119	0.125	-4.8	58503	0.077	0.076	1.3
52911	0.420	0.450	-6.7	56488	0.038	0.034	11.8	58575	0.111	0.120	-7.5
52967	0.058	0.062	-6.5	56690	0.330	0.350	-5.7	58627	0.012	0.013	-7.7
53001	0.300	0.330	-9.1	56699	0.067	0.057	17.5	58663	0.950	1.280	-25.8 L
53077	0.219	0.207	5.8	56758	0.140	0.148	-5.4	58737	0.550	0.630	-12.7
53121	0.400	0.440	-9.1	56759	0.078	0.080	-2.5	58802	0.480	0.480	0.0
53333	0.248	0.239	3.8	56760	0.099	0.098	1.0	58837	0.161	0.162	-0.6
53374	0.260	0.310	-16.1	56912	0.084	0.090	-6.7	58840	0.121	0.127	-4.7
53375	0.270	0.223	21.1 U	56916	0.215	0.205	4.9	58873	0.027	0.030	-10.0
53376	0.183	0.194	-5.7	57001	0.021	0.020	5.0	58904	0.120	0.128	-6.2
53377	0.188	0.195	-3.6	57002	0.096	0.106	-9.4	58922	0.179	0.168	6.5
53565	0.096	0.108	-11.1	57090	0.680	0.660	3.0	59005	0.089	0.096	-7.3
53631	0.021	0.022	-4.5	57146	0.750	0.720	4.2	59188	0.052	0.055	-5.5
53632	0.032	0.034	-5.9	57257	0.034	0.035	-2.9	59189	0.280	0.300	-6.7
53732	0.470	0.450	4.4	57401	0.089	0.096	-7.3	59223	0.103	0.088	17.0
53733	0.228	0.270	-15.6	57403	0.033	0.035	-5.7	59257	0.012	0.013	-7.7
53907	0.086	0.103	-16.5	57410	0.173	0.162	6.8	59378	0.141	0.150	-6.0
54077	0.390	0.400	-2.5	57572	0.099	0.108	-8.3	59481	0.096	0.099	-3.0
55010	0.980	1.080	-9.3	57600	0.033	0.034	-2.9	59537	0.232	0.210	10.5
55011	1.750	1.570	11.5	57611	0.055	0.062	-11.3	59601	2.230	2.370	-5.9
55012	1.110	1.180	-5.9	57651	0.039	0.041	-4.9	59647	0.158	0.170	-7.1
55013	1.120	1.140	-1.8	57690	0.450	0.490	-8.2	59660	1.060	1.180	-10.2
55214	0.083	0.088	-5.7	57716	0.074	0.082	-9.8	59701	0.330	0.290	13.8
55371	0.108	0.119	-9.2	57725	0.075	0.088	-14.8	59713	0.330	0.310	6.5
55597	1.680	1.790	-6.1	57726	0.023	0.021	9.5	59722	0.028	0.031	-9.7
55647	0.065	0.062	4.8	57810	0.100	0.107	-6.5	59723	0.034	0.037	-8.1
55715	0.203	0.224	-9.4	57871	0.111	0.118	-5.9	59724	0.015	0.019	-21.1
55716	0.490	0.520	-5.8	57913	0.260	0.290	-10.3	59725	0.145	0.116	25.0 U
55802	0.011	0.009	22.2 U	57998	0.054	0.058	-6.9	59726	0.023	0.024	-4.2
55918	2.260	2.740	-17.5	57999	0.070	0.071	-1.4	59738	0.059	0.064	-7.8
55919	3.420	3.650	-6.3	58095	1.790	1.990	-10.1	59750	0.181	0.222	-18.5
56040	0.030	0.033	-9.1	58096	1.490	1.230	21.1	59773	0.026	0.028	-7.1
56202	0.078	0.089	-12.4	58301	0.077	0.088	-12.5	59774	0.141	0.150	-6.0
56390	0.700	0.640	9.4	58302	0.051	0.055	-7.3	59775	0.178	0.188	-5.3

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LOSS COST % CHANGE BY CLASS

CLASS	PROPOSED OCCURR	PRESENT OCCURR	% CHG	CLASS	PROPOSED OCCURR	PRESENT OCCURR	% CHG	CLASS	PROPOSED OCCURR	PRESENT OCCURR	% CHG
59781	0.085	0.068	25.0 U	91341	4.880	4.570	6.8	96409	10.400	9.760	6.6
59782	0.560	0.460	21.7	91342	3.550	3.460	2.6	96410	9.030	8.580	5.2
59798	0.460	0.500	-8.0	91343	1.330	1.340	-0.7	96611	1.340	1.420	-5.6
59886	0.100	0.108	-7.4	91436	2.220	2.220	0.0	97221	1.090	1.190	-8.4
59889	0.187	0.165	13.3	91507	3.140	3.210	-2.2	97222	1.650	1.820	-9.3
59904	0.076	0.061	24.6 U	91551	0.620	0.610	1.6	97223	3.350	4.090	-18.1
59905	0.120	0.132	-9.1	91555	0.890	0.890	0.0	97447	5.390	4.820	11.8
59914	0.690	0.680	1.5	91560	3.870	3.840	0.8	97650	3.720	3.650	1.9
59915	0.660	0.750	-12.0	91577	3.280	2.980	10.1	97651	3.950	3.620	9.1
59917	0.232	0.205	13.2	91746	6.200	5.660	9.5	97652	4.750	3.740	27.0 U
59923	0.005	0.004	25.0 U	92053	0.520	0.490	6.1	97653	2.840	2.820	0.7
59925	1.190	1.190	0.0	92054	0.169	0.194	-12.9	97654	2.580	2.620	-1.5
59926	0.460	0.450	2.2	92055	0.168	0.193	-13.0	97655	4.330	4.810	-10.0
59927	1.300	1.420	-8.5	92101	2.900	2.820	2.8	98002	0.880	0.910	-3.3
59931	0.480	0.550	-12.7	92102	3.720	3.320	12.0	98152	0.710	0.590	20.3
59932	0.800	0.880	-9.1	92215	2.990	2.840	5.3	98157	0.330	0.410	-19.5
59947	0.300	0.320	-6.3	92338	2.280	2.130	7.0	98163	0.171	0.200	-14.5
59955	0.132	0.143	-7.7	92446	1.490	1.580	-5.7	98164	0.051	0.061	-16.4
59963	0.370	0.410	-9.8	92447	1.570	1.550	1.3	98303	6.740	7.730	-12.8
59964	0.066	0.069	-4.3	92451	2.080	1.980	5.1	98304	3.490	3.160	10.4
59970	0.169	0.183	-7.7	92478	1.630	1.640	-0.6	98305	2.070	1.890	9.5
59975	0.190	0.227	-16.3	94007	5.420	5.170	4.8	98306	0.830	0.870	-4.6
59984	0.049	0.053	-7.5	94276	4.160	4.340	-4.1	98307	0.410	0.460	-10.9
59988	0.055	0.059	-6.8	94381	15.800	13.400	17.9	98308	1.010	0.990	2.0
59989	0.041	0.044	-6.8	94404	6.080	5.210	16.7	98309	2.380	2.060	15.5
91111	5.630	5.680	-0.9	94569	3.820	3.530	8.2	98344	0.780	0.830	-6.0
91125	1.260	1.520	-17.1	95124	1.030	0.820	25.6 U	98449	23.100	24.100	-4.1
91127	1.060	1.250	-15.2	95310	1.200	1.030	16.5	98482	7.320	6.630	10.4
91150	5.460	5.390	1.3	95410	2.640	2.690	-1.9	98483	19.800	19.800	0.0
91155	40.400	38.100	6.0	95455	1.530	1.210	26.4 U	98502	3.950	3.740	5.6
91235	2.280	2.820	-19.1	95505	2.300	2.130	8.0	98636	3.210	3.240	-0.9
91265	2.670	2.990	-10.7	95625	4.060	3.510	15.7	98659	0.300	0.350	-14.3
91266	1.050	0.970	8.2	95647	6.960	6.810	2.2	98677	10.600	10.400	1.9
91280	3.530	2.780	27.0 U	96053	4.470	4.460	0.2	98678	14.600	14.600	0.0
91340	8.440	8.780	-3.9	96408	12.400	13.000	-4.6	98805	1.450	1.280	13.3

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LOSS COST % CHANGE BY CLASS

CLASS	PROPOSED OCCURR	PRESENT OCCURR	% CHG	CLASS	PROPOSED OCCURR	PRESENT OCCURR	% CHG	CLASS	PROPOSED OCCURR	PRESENT OCCURR	% CHG
98806	3.090	3.080	0.3								
98813	1.820	1.840	-1.1								
98820	3.340	3.250	2.8								
98884	1.930	1.750	10.3								
98914	0.430	0.500	-14.0								
98949	0.229	0.270	-15.2								
98967	12.000	10.300	16.5								
98993	3.680	4.630	-20.5 L								
99003	1.090	1.190	-8.4								
99004	1.550	1.580	-1.9								
99080	6.980	7.580	-7.9								
99163	0.350	0.410	-14.6								
99315	2.020	1.830	10.4								
99321	2.230	2.250	-0.9								
99613	2.050	2.010	2.0								
99650	0.950	0.910	4.4								
99746	3.090	2.940	5.1								
99803	10.200	10.100	1.0								
99826	0.590	0.560	5.4								
99827	0.520	0.540	-3.7								
99946	2.460	2.460	0.0								
99948	25.800	26.500	-2.6								
99952	19.600	19.800	-1.0								
99953	10.600	12.100	-12.4								
99954	9.040	10.900	-17.1								
99955	6.730	7.550	-10.9								
99969	3.380	2.660	27.1 U								

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

INTRODUCTION

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

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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.

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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.

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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.

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METHODOLOGY OVERVIEW  
OVERVIEW OF ISO ACTUARIAL PROCEDURES - GENERAL LIABILITY

STEP 1 - DETERMINATION OF INDICATED LOSS COST LEVEL CHANGE

OBJECTIVE	The objective of this procedure is to determine the indicated loss cost level change. This procedure answers the question: What percentage changes must be made on average to the current ISO loss costs in order for them to be adequate to cover indemnity losses and all loss adjustment expenses incurred in the prospective period in which the revised loss costs will be used?
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DESCRIPTION	<p>This procedure compares the developed and trended incurred losses and loss adjustment expenses with the aggregate loss costs at current ISO loss cost level (see definition, below). This experience ratio (losses and all loss adjustment expenses divided by aggregate loss costs) is calculated for several years and a weighted average is calculated. For Premises/Operations, the standard procedure has been to use the latest three accident years to calculate the weighted average using 20%-30%-50% weights with the highest weight assigned to the most recent year.</p>
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However, due to the impact that the COVID-19 pandemic and subsequent recession had on experience from March 2020 and beyond, the procedure has been revised to include a fourth year to calculate the weighted average of the Premises/Operations experience ratios. Equal weights are assigned to each year.

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

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

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

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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>
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METHODOLOGY OVERVIEW  
OVERVIEW OF ISO ACTUARIAL PROCEDURES - GENERAL LIABILITY

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

AGGREGATE  
LOSS  
COSTS

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

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INCURRED  
LOSSES  
& LAE

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

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

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

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

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

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METHODOLOGY OVERVIEW  
OVERVIEW OF ISO ACTUARIAL PROCEDURES - GENERAL LIABILITY

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

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

METHODOLOGY OVERVIEW  
OVERVIEW OF ISO ACTUARIAL PROCEDURES - GENERAL LIABILITY

STEP 2 - DISTRIBUTION OF BASIC LIMIT LOSS COST LEVEL INDICATION

OBJECTIVE	<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)	<p>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.</p> <p>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.</p>
LOCAL PRODUCTS/ COMPLETED OPERATIONS	<hr/> <p>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.</p> <p>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.</p> <p>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.</p> <hr/>



EXPLANATORY NOTES TO DETERMINATION OF INDICATED  
LOSS COST LEVEL CHANGE

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

For Premises/Operations, the loss cost level indication is based upon a review of the latest four years of basic limit experience of companies reporting to Insurance Services Office, Inc. For Products/Completed Operations, the loss cost level indication is based upon a review of the latest three years of basic limit experience of companies reporting to Insurance Services Office, Inc. For Premises/Operations, data for accident years ending September 30, 2017, 2018, 2019 and 2020 are weighted 25%, 25%, 25% and 25% respectively. For Products/Completed Operations, multistate data for accident years ending December 31, 2017, 2018 and 2019 are weighted 20%, 30% and 50% respectively.

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

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

## EXPLANATORY NOTES TO RELATIVE CHANGE ANALYSIS

### OBJECTIVES

The objectives of this procedure are to:

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

### EXPERIENCE BASE

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

### SIMULTANEOUS DETERMINATION OF RATING VARIABLE RELATIVE CHANGES

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

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

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

### RATING VARIABLES USED

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

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

## EXPLANATORY NOTES TO RELATIVE CHANGE ANALYSIS

### ITERATIVE PROCEDURE

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

For Owners, Landlords and Tenants:

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

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

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

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

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

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

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

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

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

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

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

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

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

## EXPLANATORY NOTES TO RELATIVE CHANGE ANALYSIS

### ITERATIVE PROCEDURE (Cont'd)

For Manufacturers and Contractors, and Products:

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

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

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

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

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

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

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

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

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

## EXPLANATORY NOTES TO RELATIVE CHANGE ANALYSIS

### ITERATIVE PROCEDURE (Cont'd)

For Local Products/Completed Operations:

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

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

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

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

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

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

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

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

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

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

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

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

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

## EXPLANATORY NOTES TO RELATIVE CHANGE ANALYSIS

### ITERATIVE PROCEDURE (Cont'd)

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

---

### APPLICATION OF CREDIBILITY

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

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

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

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

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

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

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

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

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

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

W is the credibility-weighted relative change.

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

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## EXPLANATORY NOTES TO RELATIVE CHANGE ANALYSIS

### MULTILINE CONSIDERATIONS

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

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

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

---

### MONOLINE INDICATIONS -- PREMISES/ OPERATIONS

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

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

Territory applies to Owners, Landlords and Tenants only.

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### MONOLINE INDICATIONS -- PRODUCTS

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

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

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## EXPLANATORY NOTES TO RELATIVE CHANGE ANALYSIS

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

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

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

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## EXPLANATORY NOTES TO IMPLICIT PACKAGE MODIFICATION FACTORS

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

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

## EXPLANATION OF EXPOSURE DEVELOPMENT

### IMPORTANCE OF APPLICATION

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

---

### APPLICATION OF EXPOSURE DEVELOPMENT FACTORS

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

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

The immature experience reported as of 15 and 27 months for accident years ending 9/30/2020 and 9/30/2019 must be adjusted to an ultimate exposure development basis. This adjustment is accomplished through the use of an exposure development factor. Exposures are assumed to be mature at 39 months. Exposure development factors are based on experience evaluated as of September 30, 2020 for Premises/ Operations and March 31, 2020 for Products/Completed Operations.

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

## EXPLANATION OF EXPOSURE DEVELOPMENT

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

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

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

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## EXPLANATION OF LOSS DEVELOPMENT

### IMPORTANCE OF APPLICATION

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

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### APPLICATION OF LOSS DEVELOPMENT FACTORS

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

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

The immature experience reported as of 15, 27, 39 and 51 months for accident years ending 9/30/2020, 9/30/2019, 9/30/2018 and 9/30/2017 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.

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

### OBJECTIVE

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

Traditional development procedures customarily used for losses apply a loss development factor to reported losses at various evaluation points. For example, a '15-month to ultimate' factor would be applied to the losses for accident year ended September 30, 2020 evaluated as of December 31, 2020. If an analogous procedure is used for ALAE, the variability of the experience can lead to unusually high (or low) estimates of ultimate ALAE.

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### INCREMENTAL ALAE PERCENTAGES

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

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

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

---

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

### DESCRIPTION OF METHODOLOGY

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

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

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

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

---

### APPLICATION

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

These calculations are shown in Section E - Loss Development.

---

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

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



## EXPLANATION OF MODIFIED BONDY METHOD

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

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

\* Calculated using the Modified Bondy Procedure.

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

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

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

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

## EXPLANATION OF TREND CALCULATION

### EXPOSURE TREND

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

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

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

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

---

### SEVERITY TREND

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

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

## EXPLANATION OF TREND CALCULATION

### SEVERITY TREND (Cont'd)

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

---

### FREQUENCY TREND

The historical occurrence frequency data are displayed in the Trend Data exhibits in Sections E, F, and G. For Premises/Operations, these pages display the frequency data for CGL only for accident years ending 6/31/2007 - 6/31/2020. For Products/Completed Operations, these pages display the frequency data for CGL only for accident years ending 12/31/2006 - 12/31/2019. The Premises/Operations experience includes occurrences arising from fringe coverages. In this review, multistate number of occurrences contained in the frequency trend exhibits are based on paid amounts developed to ultimate using paid development factors.

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

For Premises/Operations, frequency trend data includes pandemic impacted periods. It is expected that the sharpest economic and pandemic disruptions have already occurred, but the effects may persist in muted form for some time. Less reliance than normal has been placed on the frequency trend data for the latest point (year ending 6/30/20) when making selections given that this pandemic impacted period may not be a good indicator of future experience.

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## CREDIBILITY STANDARDS

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

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

The rule for Owners, Landlords and Tenants is:

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

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

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

For Manufacturers and Contractors:

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

For Owners, Landlords and Tenants:

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

For Products:

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

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

## CREDIBILITY STANDARDS

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

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

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

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

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

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

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

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

The present CGL class groups and countrywide differentials 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.

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CALCULATION OF INDICATIONS  
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WISCONSIN  
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
09/30/2017	\$13,857,858	\$15,071,579	0.25	1.088	493
09/30/2018	15,096,389	11,141,983	0.25	0.738	480
09/30/2019	15,094,823	14,151,906	0.25	0.938	506
09/30/2020	14,817,625	14,391,856	0.25	0.971	391

(7)	WEIGHTED EXPERIENCE RATIO .....	0.934
(8)	EXPECTED EXPERIENCE RATIO (SEE FOOTNOTE C) .....	1.023
(9)	CREDIBILITY BASED ON LATEST FOUR YEARS NUMBER OF INCURRED OCCURRENCES (SEE SECTION B - CREDIBILITY STANDARDS) .....	0.54
(10)	CREDIBILITY-WEIGHTED EXPERIENCE RATIO {(7) X (9)} + {(8) X {1.0 -(9)}} .....	0.975
(11)	INDICATED MONOLINE-MULTILINE LOSS COST LEVEL CHANGE {(10)-1} X 100% .....	- 2.5 %
(12)	STATEWIDE INDICATED MONOLINE CHANGE (SEE SECTION D - BASIC LIMIT RELATIVE CHANGE ANALYSIS) .....	- 0.5 %
(13)	STATEWIDE SELECTED MONOLINE CHANGE .....	- 0.5 %

(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 04/01/2022. FOR DETAILS, SEE SECTION E - CALCULATION OF INCURRED LOSSES.

(C) THE EXPECTED EXPERIENCE RATIO IS THE NET TREND (1.023). THE NET TREND IS THE ANNUAL NET TREND FACTOR (1.023) TO AN EXPONENT (1.000), THE PERIOD FROM ONE YEAR BEYOND THE LAST REVIEW OR EFFECTIVE DATE (04/01/2022) TO ONE YEAR BEYOND THE ASSUMED EFFECTIVE DATE (04/01/2023).

WISCONSIN  
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
09/30/2017	\$12,606,286	\$12,282,530	0.25	0.974	705
09/30/2018	12,777,532	12,307,532	0.25	0.963	749
09/30/2019	13,348,446	13,282,302	0.25	0.995	752
09/30/2020	12,582,190	9,662,357	0.25	0.768	538

(7)	WEIGHTED EXPERIENCE RATIO .....	0.925
(8)	EXPECTED EXPERIENCE RATIO (SEE FOOTNOTE C) .....	1.037
(9)	CREDIBILITY BASED ON LATEST FOUR YEARS NUMBER OF INCURRED OCCURRENCES (SEE SECTION B - CREDIBILITY STANDARDS) .....	0.68
(10)	CREDIBILITY-WEIGHTED EXPERIENCE RATIO {(7) X (9)} + {(8) X {1.0 -(9)}} .....	0.961
(11)	INDICATED MONOLINE-MULTILINE LOSS COST LEVEL CHANGE {(10)-1} X 100% .....	- 3.9 %
(12)	STATEWIDE INDICATED MONOLINE CHANGE (SEE SECTION D - BASIC LIMIT RELATIVE CHANGE ANALYSIS) .....	- 5.9 %
(13)	STATEWIDE SELECTED MONOLINE CHANGE .....	- 2.5 %

(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 04/01/2022. FOR DETAILS, SEE SECTION E - CALCULATION OF INCURRED LOSSES.

(C) THE EXPECTED EXPERIENCE RATIO IS THE NET TREND (1.037). THE NET TREND IS THE ANNUAL NET TREND FACTOR (1.037) TO AN EXPONENT (1.000), THE PERIOD FROM ONE YEAR BEYOND THE LAST REVIEW OR EFFECTIVE DATE (04/01/2022) TO ONE YEAR BEYOND THE ASSUMED EFFECTIVE DATE (04/01/2023).

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

(1)	(2)	(3)	(4)	(5)	(6)
ACCIDENT YEAR ENDING	MULTISTATE AGGREGATE LOSS COSTS AT CURRENT LEVEL (A)	MULTISTATE \$100,000 BASIC LIMITS INCURRED LOSSES (B)	YEAR WEIGHTS	EXPERIENCE RATIO	NUMBER OF INCURRED OCCURRENCES
12/31/2017	\$116,442,960	\$122,766,765	0.20	1.054	2,085
12/31/2018	114,595,571	112,493,565	0.30	0.982	1,864
12/31/2019	118,873,835	108,853,141	0.50	0.916	1,881
(7)	WEIGHTED EXPERIENCE RATIO .....				0.963
(8)	INDICATED MULTISTATE MONOLINE-MULTILINE LOSS COST LEVEL CHANGE { (7)-1.00 }X 100% .....				- 3.7 %
(9)	INDICATED MULTISTATE MONOLINE CHANGE ..... (SEE SECTION D - BASIC LIMIT RELATIVE CHANGE ANALYSIS)				- 6.1 %
(10)	INDICATED STATEWIDE MONOLINE CHANGE (SEE FOOTNOTE C) .....				- 7.7 %
(11)	SELECTED STATEWIDE MONOLINE CHANGE .....				- 7.7 %

- (A) THESE ARE CALCULATED BY SUMMING OVER THE CLASSES THE PRODUCTS OF MULTISTATE REPORTED EXPOSURES, EXPOSURE TREND AND DEVELOPMENT, AND MULTISTATE \$100,000 BASIC LIMIT LOSS COSTS AT CURRENT ISO LEVEL. FOR DETAILS, SEE SECTION F - CALCULATION OF AGGREGATE LOSS COSTS AT CURRENT LEVEL.
- (B) INCLUDING ALL LOSS ADJUSTMENT EXPENSES AND DEVELOPED TO AN ULTIMATE BASIS. IN ADDITION, ACCIDENT YEAR LOSSES HAVE BEEN TRENDED FROM THE AVERAGE DATE OF COVERAGE TO ONE YEAR BEYOND AN ASSUMED EFFECTIVE DATE OF 07/01/2021.
- (C) THE INDICATED STATEWIDE PRODUCTS CHANGE IS CALCULATED BY DETERMINING THE EFFECT, ON STATEWIDE LOSS COST LEVELS, OF IMPLEMENTING THE INDICATED MULTISTATE LOSS COSTS. THE DIFFERENCE BETWEEN THE INDICATED MULTISTATE CHANGE AND THE INDICATED STATEWIDE CHANGE IS A RESULT OF A DIFFERENCE IN THE DISTRIBUTION OF RISKS BY CLASS IN THIS JURISDICTION VERSUS THE MULTISTATE. (SEE SECTION A - PRODUCTS CLASS GROUP LOSS COST LEVEL CHANGE) .

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

(1)	(2)	(3)	(4)	(5)	(6)
ACCIDENT YEAR ENDING	MULTISTATE AGGREGATE LOSS COSTS AT CURRENT LEVEL (A)	MULTISTATE \$100,000 BASIC LIMIT INCURRED LOSSES (B)	YEAR WEIGHTS	EXPERIENCE RATIO	NUMBER OF INCURRED OCCURRENCES
12/31/2017	\$343,496,958	\$355,978,064	0.20	1.036	6,339
12/31/2018	347,546,624	367,885,430	0.30	1.059	6,253
12/31/2019	353,173,971	393,194,740	0.50	1.113	6,100

(7)	WEIGHTED EXPERIENCE RATIO.....	1.081
(8)	INDICATED MULTISTATE MONOLINE-MULTILINE LOSS COST LEVEL CHANGE $\{ (7) - 1.00 \} \times 100\% \dots\dots\dots +$	8.1 %
(9)	INDICATED MULTISTATE MONOLINE CHANGE (SEE SECTION D - BASIC LIMIT RELATIVE CHANGE ANALYSIS).....	+ 9.3 %
(10)	INDICATED STATEWIDE MONOLINE CHANGE (C) (SEE SECTION D - BASIC LIMIT RELATIVE CHANGE ANALYSIS).....	+ 2.6 %
(11)	SELECTED STATEWIDE MONOLINE CHANGE.....	+ 2.6 %

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

(B) INCLUDING ALL LOSS ADJUSTMENT EXPENSE AND DEVELOPED TO AN ULTIMATE BASIS. IN ADDITION, ACCIDENT YEAR LOSSES HAVE BEEN TRENDED FROM THE AVERAGE DATE OF COVERAGE TO ONE YEAR BEYOND AN ASSUMED EFFECTIVE DATE OF 07/01/2021.

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

## SECTION D

### RELATIVE CHANGE ANALYSIS

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WISCONSIN  
MANUFACTURERS AND CONTRACTORS  
BASIC LIMIT RELATIVE CHANGE ANALYSIS  
-----

	(1) BAILEY FORMULA RELATIV.	(2) CREDIBILITY Z	(3) Z-WTD RELATIV.	(4) BALANCED RELATIV.	STATEWIDE COVERAGE IND. OF 0.975 OR - 2.5%			
TOP								
10	1.154	0.189	1.027	1.020				
33	0.620	0.030	0.986	0.978				
34	0.690	0.079	0.971	0.964				
35	1.125	0.045	1.005	0.998				
36	0.670	0.111	0.957	0.949				
37	0.794	0.118	0.973	0.966				
38	1.111	0.236	1.025	1.017				
					(5) INDICATED MONOLINE CHANGE	(6) SELECTED MONOLINE CHANGE		
CLASS GROUP								
30	1.065	0.092	1.006	1.006	0.0%	0.0%		
31	0.840	0.121	0.979	0.979	- 2.6%	- 2.6%		
32	1.011	0.244	1.003	1.003	- 0.3%	- 0.3%		
33	0.942	0.106	0.994	0.994	- 1.2%	- 1.2%		
34	1.477	0.100	1.040	1.040	+ 3.4%	+ 3.4%		
35	0.811	0.038	0.992	0.992	- 1.4%	- 1.4%		
36	1.064	0.087	1.005	1.006	0.0%	0.0%		
37	0.646	0.073	0.969	0.969	- 3.7%	- 3.7%		
38	1.161	0.094	1.014	1.014	+ 0.8%	+ 0.8%		
			OVERALL MONOLINE INDICATION	- 0.5%	- 0.5%	- 0.5%		
			-----	-----	-----	-----		

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



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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. 09/30/2020 AGGREGATE LOSS COSTS AT CURRENT LEVEL	(2) FISCAL A.Y.E. 2016 - 2020 AGG LOSS COST CURRENT LEVEL	(3) FIVE YEAR EXPERIENCE RATIO	(4) RELATIV.	(5) NUMBER OF OCCURRENCES	(6) BAL CELL RELATIV.
10 MONOLINE	30 SERVICE	\$262,359	\$1,273,070	0.971	1.092	31	1.026
	31 LIGHT CONTRACTING	277,978	1,275,760	0.964	1.084	58	0.998
	32 MEDIUM CONTRCTING	2,229,878	10,491,027	1.040	1.170	341	1.022
	33 HEAVY CONTRACTING	630,352	2,724,941	1.070	1.204	78	1.013
	34 DEALER OR DISTRIB	311,939	1,403,262	1.865	2.098	27	1.060
	35 LGT. MANUFACTURER	83,458	607,371	0.963	1.083	10	1.012
	36 MED. MANUFACTURER	348,803	2,087,692	0.512	0.576	43	1.025
	37 HVY. MANUFACTURER	439,946	2,167,082	0.627	0.706	26	0.988
	38 MISC. OPERATION	287,367	1,391,531	1.288	1.448	34	1.034
	TOTAL *	\$4,872,080	\$23,421,736	1.027		648	
33 MULT OFFICE	31 LIGHT CONTRACTING	\$1,213	\$16,965	0.124	0.140	1	0.958
	32 MEDIUM CONTRCTING	32,938	139,317	0.646	0.726	2	0.981
	33 HEAVY CONTRACTING	68,041	342,908	0.687	0.772	3	0.972
	38 MISC. OPERATION	111,954	514,246	0.517	0.581	11	0.992
	TOTAL *	\$214,146	\$1,013,436	0.588		17	
34 MULT MERCANTILE	30 SERVICE	\$56,240	\$222,663	2.373	2.669	13	0.969
	32 MEDIUM CONTRCTING	81,464	433,815	0.096	0.108	7	0.966
	34 DEALER OR DISTRIB	446,359	2,586,076	0.581	0.654	58	1.002
	36 MED. MANUFACTURER	46	263	0.000	0.000	0	0.969
	38 MISC. OPERATION	64,993	351,507	2.110	2.373	36	0.977
	TOTAL *	\$649,102	\$3,594,324	0.829		114	
35 MULT INSTITUT.	31 LIGHT CONTRACTING	\$35,210	\$128,443	0.062	0.069	1	0.977
	32 MEDIUM CONTRCTING	99,087	558,543	1.287	1.448	36	1.000
	TOTAL *	\$134,297	\$686,986	0.966		37	
36 MULT SERVICES	30 SERVICE	\$72,955	\$239,044	0.323	0.364	11	0.955
	31 LIGHT CONTRACTING	49,146	329,357	0.884	0.995	20	0.930
	32 MEDIUM CONTRCTING	168,454	781,243	0.885	0.996	20	0.952
	33 HEAVY CONTRACTING	31,612	144,283	0.133	0.150	3	0.943
	34 DEALER OR DISTRIB	291,822	1,383,261	1.103	1.241	93	0.987
	36 MED. MANUFACTURER	5,369	27,743	5.896	6.632	1	0.955
	38 MISC. OPERATION	451,461	2,426,238	0.417	0.469	76	0.963
	TOTAL *	\$1,070,819	\$5,331,169	0.712		224	

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

		(1)	(2)	(3)	(4)	(5)	(6)
		FISCAL A.Y.E. 09/30/2020 AGGREGATE LOSS COSTS AT CURRENT LEVEL	FISCAL A.Y.E. 2016 - 2020 AGG LOSS COST CURRENT LEVEL	FIVE YEAR EXPERIENCE RATIO	RELATIV.	NUMBER OF OCCURRENCES	BAL CELL RELATIV.
37 MULT INDUST/PROC.	31 LIGHT CONTRACTING	\$616	\$2,917	0.585	0.658	1	0.946
	32 MEDIUM CONTRCTING	230,912	1,163,088	0.523	0.589	43	0.968
	33 HEAVY CONTRACTING	156,160	832,843	0.102	0.115	22	0.960
	34 DEALER OR DISTRIB	50,098	141,006	0.455	0.512	3	1.004
	35 LGT. MANUFACTURER	160,674	722,823	0.504	0.567	16	0.958
	36 MED. MANUFACTURER	1,122,484	5,527,976	0.906	1.019	94	0.971
	37 HVY. MANUFACTURER	1,176,260	6,010,462	0.469	0.527	71	0.936
	38 MISC. OPERATION	30,820	129,259	0.266	0.300	3	0.980
	TOTAL *	\$2,928,024	\$14,530,374	0.621		253	
38 MULT CONTRACTORS	30 SERVICE	\$577,273	\$2,797,981	0.979	1.101	98	1.023
	31 LIGHT CONTRACTING	726,819	3,616,216	0.803	0.903	184	0.996
	32 MEDIUM CONTRCTING	2,795,063	13,404,227	0.998	1.123	623	1.020
	33 HEAVY CONTRACTING	862,524	4,010,192	0.960	1.080	99	1.011
	38 MISC. OPERATION	18,666	146,031	3.079	3.463	1	1.032
	TOTAL *	\$4,980,345	\$23,974,647	0.969		1,005	
TOTAL ALL TOP	30 SERVICE	\$968,827	\$4,532,758	1.008		153	
	31 LIGHT CONTRACTING	1,090,982	5,369,658	0.823		265	
	32 MEDIUM CONTRCTING	5,637,796	26,971,260	0.982		1,072	
	33 HEAVY CONTRACTING	1,748,689	8,055,167	0.897		205	
	34 DEALER OR DISTRIB	1,100,218	5,513,605	1.078		181	
	35 LGT. MANUFACTURER	244,132	1,330,194	0.661		26	
	36 MED. MANUFACTURER	1,476,702	7,643,674	0.831		138	
	37 HVY. MANUFACTURER	1,616,206	8,177,544	0.512		97	
	38 MISC. OPERATION	965,261	4,958,812	0.848		161	
	TOTAL *	\$14,848,813	\$72,552,672	0.889		2,298	

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

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	(1) BAILEY FORMULA RELATIV.	(2) CREDIBILITY Z	(3) Z-WTD RELATIV.	(4) BALANCED RELATIV.	STATEWIDE COVERAGE IND. OF 0.961 OR - 3.9%			
TOP								
10	0.913	0.206	0.981	0.981				
31	0.584	0.096	0.950	0.950				
32	1.442	0.155	1.058	1.058				
33	0.839	0.165	0.972	0.971				
34	0.983	0.153	0.997	0.997				
35	1.316	0.224	1.063	1.063				
36	0.681	0.126	0.953	0.953				
					(5) INDICATED MONOLINE CHANGE		(6) SELECTED MONOLINE CHANGE	
CLASS GROUP								
01	1.043	0.067	1.003	1.007	-	4.9%	-	1.5%
02	0.993	0.097	0.999	1.004	-	5.3%	-	1.9%
03	0.609	0.095	0.954	0.958	-	9.5%	-	6.2%
04	0.728	0.028	0.991	0.996	-	5.9%	-	2.5%
05	0.461	0.041	0.969	0.973	-	8.1%	-	4.8%
06	0.536	0.057	0.965	0.969	-	8.6%	-	5.3%
07	1.813	0.100	1.061	1.066	+	0.7%	+	4.3%
08	3.328	0.047	1.058	1.063	+	0.5%	+	4.1%
09	1.208	0.126	1.024	1.029	-	2.8%	+	0.7%
10	0.935	0.228	0.985	0.989	-	6.6%	-	3.2%
11	1.045	0.165	1.007	1.012	-	4.6%	-	1.2%
12	0.910	0.220	0.980	0.984	-	7.1%	-	3.7%
13	1.242	0.070	1.015	1.020	-	3.8%	-	0.3%
16	1.013	0.054	1.001	1.005	-	4.9%	-	1.5%
OVERALL MONOLINE INDICATION					-	5.9%	-	2.5%

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

WISCONSIN  
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BASIC LIMIT RELATIVE CHANGE ANALYSIS  
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	(1)	(2)	(3)	(4)	(5)	(6)
	BAILEY					
TERRITORY	FORMULA	CREDIBILITY	Z-WTD	BALANCED	INDICATED	SELECTED
	RELATIV.	Z	RELATIV.	RELATIV.	MONOLINE CHG.	MONOLINE CHG.
501	0.980	0.186	0.996	0.996	- 6.3%	- 2.9%
502	0.994	0.173	0.999	0.999	- 6.3%	- 2.9%
503	1.012	0.358	1.004	1.004	- 5.6%	- 2.2%

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

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

TERRITORY 501

TYPE OF POLICY	CLASS GROUP	(1) FISCAL A.Y.E. 09/30/2020 AGGREGATE LOSS COSTS AT CURRENT LEVEL	(2) FISCAL A.Y.E. 2016 - 2020 AGG LOSS COST CURRENT LEVEL	(3) FIVE YEAR EXPERIENCE RATIO	(4) RELATIV.	(5) NUMBER OF OCCURRENCES	(6) BAL CELL RELATIV.
10 MONOLINE	01 FOOD&BEV. (RETAIL)	\$11,051	\$87,226	0.948	1.043	10	0.985
	02 RESTAURANTS	31,326	128,348	0.331	0.364	7	0.981
	03 STORES	18,255	357,743	0.541	0.595	17	0.937
	04 VENDING & RENTAL	463	32,937	0.000	0.000	0	0.973
	05 FOOD & BEV. DIST.	170	1,799	0.000	0.000	0	0.951
	06 NON-FOOD&BEV.DIST	6,929	57,811	0.355	0.391	4	0.948
	07 CLUBS, AMSMT&SPRTS	35,925	88,958	6.275	6.904	14	1.042
	08 HEALTH CARE FACIL	155	3,106	0.000	0.000	0	1.039
	09 HOTELS AND MOTELS	36,703	368,321	0.265	0.292	19	1.006
	10 SCHLS & CHURCHES	40,302	238,283	1.251	1.376	12	0.967
	11 APARTMENTS	101,509	466,307	0.156	0.172	8	0.989
	12 BUILDINGS&OFFICES	199,366	1,272,778	0.573	0.631	43	0.962
	13 MISC. PREMISES	2,825	16,901	0.000	0.000	0	0.997
	TOTAL *	\$484,979	\$3,120,518	0.926		134	
31 MULT MOTEL/HOTEL	09 HOTELS AND MOTELS	\$58,686	\$275,990	0.582	0.640	21	0.973
	TOTAL *	\$58,686	\$275,990	0.582		21	
32 MULT APARTMENT	11 APARTMENTS	\$594,082	\$2,707,555	1.287	1.416	102	1.067
	12 BUILDINGS&OFFICES	49,356	218,465	1.337	1.471	8	1.037
	TOTAL *	\$643,438	\$2,926,020	1.291		110	
33 MULT OFFICE	12 BUILDINGS&OFFICES	\$608,587	\$2,950,119	0.630	0.694	110	0.952
	13 MISC. PREMISES	8,545	30,662	0.000	0.000	0	0.987
	TOTAL *	\$617,132	\$2,980,781	0.622		110	
34 MULT MERCANTILE	01 FOOD&BEV. (RETAIL)	\$32,701	\$122,499	0.314	0.346	5	1.001
	02 RESTAURANTS	116,341	539,328	1.047	1.152	40	0.997
	03 STORES	74,893	270,611	0.734	0.807	2	0.952
	04 VENDING & RENTAL	4,322	24,179	0.087	0.095	1	0.989
	05 FOOD & BEV. DIST.	11,833	50,750	0.000	0.000	0	0.967
	06 NON-FOOD&BEV.DIST	81,333	392,298	1.194	1.314	8	0.963
	12 BUILDINGS&OFFICES	104,260	539,638	0.210	0.231	23	0.978
	TOTAL *	\$425,683	\$1,939,303	0.720		79	

WISCONSIN  
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SUMMARY OF EXPERIENCE USED IN RELATIVE CHANGE ANALYSIS

TERRITORY	501		(1)	(2)	(3)	(4)	(5)	(6)
			FISCAL A.Y.E. 09/30/2020 AGGREGATE LOSS COSTS AT CURRENT LEVEL	FISCAL A.Y.E. 2016 - 2020 AGG LOSS COST CURRENT LEVEL	FIVE YEAR EXPERIENCE RATIO	RELATIV.	NUMBER OF OCCURRENCES	BAL CELL RELATIV.
TYPE OF POLICY	CLASS GROUP							
35 MULT INSTITUT.	07 CLUBS,AMSMT&SPRTS		\$0	\$4,449	0.000	0.000	0	1.129
	08 HEALTH CARE FACIL		14,307	57,779	6.900	7.592	10	1.126
	10 SCHLS & CHURCHES		297,464	1,410,398	1.091	1.200	93	1.048
	12 BUILDINGS&OFFICES		25,668	41,869	0.000	0.000	0	1.042
	TOTAL *		\$337,439	\$1,514,495	1.254		103	
36 MULT SERVICES	03 STORES		\$1,453	\$31,864	0.244	0.269	1	0.909
	04 VENDING & RENTAL		5,833	37,108	0.000	0.000	0	0.945
	07 CLUBS,AMSMT&SPRTS		82,694	430,264	0.840	0.924	15	1.012
	08 HEALTH CARE FACIL		0	50	0.000	0.000	0	1.009
	09 HOTELS AND MOTELS		72	1,995	0.000	0.000	0	0.976
	10 SCHLS & CHURCHES		224	992	0.000	0.000	0	0.939
	12 BUILDINGS&OFFICES		60,542	395,239	1.174	1.292	40	0.934
	13 MISC. PREMISES		91,191	499,178	0.598	0.658	13	0.968
	TOTAL *		\$242,009	\$1,396,690	0.807		69	
TOTAL ALL	TOP	01 FOOD&BEV. (RETAIL)	\$43,752	\$209,725	0.474		15	
		02 RESTAURANTS	147,667	667,676	0.895		47	
		03 STORES	94,601	660,218	0.689		20	
		04 VENDING & RENTAL	10,618	94,224	0.035		1	
		05 FOOD & BEV. DIST.	12,003	52,549	0.000		0	
		06 NON-FOOD&BEV.DIST	88,262	450,109	1.129		12	
		07 CLUBS,AMSMT&SPRTS	118,619	523,671	2.486		29	
		08 HEALTH CARE FACIL	14,462	60,935	6.826		10	
		09 HOTELS AND MOTELS	95,461	646,306	0.459		40	
		10 SCHLS & CHURCHES	337,990	1,649,673	1.109		105	
		11 APARTMENTS	695,591	3,173,862	1.122		110	
		12 BUILDINGS&OFFICES	1,047,779	5,418,108	0.627		224	
		13 MISC. PREMISES	102,561	546,741	0.532		13	
		TOTAL *	\$2,809,366	\$14,153,797	0.933		626	

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

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

TERRITORY 502

TYPE OF POLICY	CLASS GROUP	(1) FISCAL A.Y.E. 09/30/2020 AGGREGATE LOSS COSTS AT CURRENT LEVEL	(2) FISCAL A.Y.E. 2016 - 2020 AGG LOSS COST CURRENT LEVEL	(3) FIVE YEAR EXPERIENCE RATIO	(4) RELATIV.	(5) NUMBER OF OCCURRENCES	(6) BAL CELL RELATIV.
10 MONOLINE	01 FOOD&BEV. (RETAIL)	\$3,172	\$23,849	11.993	13.195	9	0.987
	02 RESTAURANTS	25,915	90,013	0.600	0.661	4	0.984
	03 STORES	27,319	284,611	0.711	0.783	13	0.939
	04 VENDING & RENTAL	4,354	18,893	1.103	1.214	1	0.976
	05 FOOD & BEV. DIST.	10,564	86,408	0.000	0.000	0	0.954
	06 NON-FOOD&BEV.DIST	168,647	882,933	0.025	0.027	8	0.950
	07 CLUBS, AMSMT&SPRTS	15,341	79,535	4.603	5.064	13	1.045
	08 HEALTH CARE FACIL	717	7,164	0.018	0.020	0	1.042
	09 HOTELS AND MOTELS	38,615	441,679	0.380	0.418	26	1.008
	10 SCHLS & CHURCHES	64,529	264,195	0.216	0.238	6	0.970
	11 APARTMENTS	111,363	459,673	0.939	1.033	15	0.992
	12 BUILDINGS&OFFICES	112,120	738,319	0.812	0.893	27	0.965
	13 MISC. PREMISES	31,163	147,708	1.345	1.480	3	1.000
	TOTAL *	\$613,819	\$3,524,980	0.682		125	
31 MULT MOTEL/HOTEL	09 HOTELS AND MOTELS	\$154,588	\$768,699	0.541	0.595	31	0.976
	TOTAL *	\$154,588	\$768,699	0.541		31	
32 MULT APARTMENT	11 APARTMENTS	\$283,046	\$1,519,320	0.973	1.070	72	1.070
	12 BUILDINGS&OFFICES	17,203	65,017	0.569	0.626	2	1.040
	TOTAL *	\$300,249	\$1,584,337	0.949		74	
33 MULT OFFICE	12 BUILDINGS&OFFICES	\$457,170	\$2,230,231	1.000	1.100	78	0.955
	13 MISC. PREMISES	2,770	13,273	0.000	0.000	0	0.990
	TOTAL *	\$459,940	\$2,243,504	0.994		78	
34 MULT MERCANTILE	01 FOOD&BEV. (RETAIL)	\$42,341	\$112,371	0.092	0.101	1	1.004
	02 RESTAURANTS	83,995	354,993	0.733	0.807	25	1.000
	03 STORES	82,386	455,463	0.819	0.901	20	0.955
	04 VENDING & RENTAL	8,669	37,112	0.000	0.000	0	0.992
	05 FOOD & BEV. DIST.	56,755	284,631	0.997	1.097	4	0.970
	06 NON-FOOD&BEV.DIST	88,449	375,934	0.131	0.145	11	0.966
	12 BUILDINGS&OFFICES	63,325	328,372	1.293	1.423	21	0.980
	TOTAL *	\$425,920	\$1,948,876	0.665		82	

WISCONSIN  
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BASIC LIMIT RELATIVE CHANGE ANALYSIS  
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SUMMARY OF EXPERIENCE USED IN RELATIVE CHANGE ANALYSIS

TERRITORY		502	(1)	(2)	(3)	(4)	(5)	(6)
			FISCAL A.Y.E. 09/30/2020 AGGREGATE LOSS COSTS AT CURRENT LEVEL	FISCAL A.Y.E. 2016 - 2020 AGG LOSS COST CURRENT LEVEL	FIVE YEAR EXPERIENCE RATIO	RELATIV.	NUMBER OF OCCURRENCES	BAL CELL RELATIV.
TYPE OF POLICY	CLASS GROUP							
35 MULT INSTITUT.	08 HEALTH CARE FACIL		\$6,394	\$34,555	12.972	14.272	6	1.129
	10 SCHLS & CHURCHES		226,335	891,857	0.775	0.853	107	1.051
	16 GOVT SUBDIVISIONS		857	10,002	1.483	1.632	1	1.068
	TOTAL *		\$233,586	\$936,414	1.112		114	
36 MULT SERVICES	03 STORES		\$9,363	\$41,230	0.187	0.206	2	0.912
	04 VENDING & RENTAL		2,221	29,448	0.470	0.517	3	0.948
	07 CLUBS, AMSMT&SPRTS		53,063	295,593	1.209	1.330	13	1.015
	08 HEALTH CARE FACIL		0	86	0.000	0.000	0	1.012
	09 HOTELS AND MOTELS		0	1,044	0.000	0.000	0	0.979
	10 SCHLS & CHURCHES		449	3,822	0.000	0.000	0	0.941
	12 BUILDINGS&OFFICES		33,887	120,070	1.767	1.944	14	0.936
	13 MISC. PREMISES		11,128	57,354	0.180	0.198	4	0.971
	TOTAL *		\$110,111	\$548,647	1.170		36	
TOTAL ALL TOP	01 FOOD&BEV. (RETAIL)		\$45,513	\$136,220	0.921		10	
	02 RESTAURANTS		109,910	445,006	0.702		29	
	03 STORES		119,068	781,304	0.744		35	
	04 VENDING & RENTAL		15,244	85,453	0.384		4	
	05 FOOD & BEV. DIST.		67,319	371,039	0.841		4	
	06 NON-FOOD&BEV.DIST		257,096	1,258,867	0.062		19	
	07 CLUBS, AMSMT&SPRTS		68,404	375,128	1.970		26	
	08 HEALTH CARE FACIL		7,111	41,805	11.666		6	
	09 HOTELS AND MOTELS		193,203	1,211,422	0.509		57	
	10 SCHLS & CHURCHES		291,313	1,159,874	0.650		113	
	11 APARTMENTS		394,409	1,978,993	0.963		87	
	12 BUILDINGS&OFFICES		683,705	3,482,009	1.023		142	
	13 MISC. PREMISES		45,061	218,335	0.975		7	
	16 GOVT SUBDIVISIONS		857	10,002	1.483		1	
	TOTAL *		\$2,298,213	\$11,555,457	0.834		540	

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



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

TERRITORY 503

TYPE OF POLICY	CLASS GROUP	(1) FISCAL A.Y.E. 09/30/2020 AGGREGATE LOSS COSTS AT CURRENT LEVEL	(2) FISCAL A.Y.E. 2016 - 2020 AGG LOSS COST CURRENT LEVEL	(3) FIVE YEAR EXPERIENCE RATIO	(4) RELATIV.	(5) NUMBER OF OCCURRENCES	(6) BAL CELL RELATIV.
10 MONOLINE	01 FOOD&BEV. (RETAIL)	\$47,182	\$407,140	2.002	2.203	19	0.993
	02 RESTAURANTS	52,985	271,309	0.581	0.639	24	0.989
	03 STORES	118,984	955,732	0.408	0.449	39	0.944
	04 VENDING & RENTAL	13,670	31,475	0.000	0.000	0	0.981
	05 FOOD & BEV. DIST.	8,948	89,572	0.000	0.000	0	0.959
	06 NON-FOOD&BEV.DIST	68,455	263,270	0.031	0.034	2	0.955
	07 CLUBS, AMSMT&SPRTS	95,546	451,530	1.816	1.999	38	1.051
	08 HEALTH CARE FACIL	3,178	18,918	0.826	0.908	3	1.047
	09 HOTELS AND MOTELS	112,898	934,394	1.529	1.683	75	1.014
	10 SCHLS & CHURCHES	268,149	1,802,735	0.676	0.743	96	0.975
	11 APARTMENTS	212,314	977,602	1.215	1.337	58	0.997
	12 BUILDINGS&OFFICES	712,334	3,641,076	0.593	0.652	115	0.970
	13 MISC. PREMISES	98,798	544,243	1.131	1.245	36	1.005
	16 GOVT SUBDIVISIONS	22,708	76,592	0.109	0.120	3	0.991
	TOTAL *	\$1,836,149	\$10,465,588	0.817		508	
31 MULT MOTEL/HOTEL	09 HOTELS AND MOTELS	\$309,408	\$1,711,885	0.706	0.777	114	0.981
	TOTAL *	\$309,408	\$1,711,885	0.706		114	
32 MULT APARTMENT	11 APARTMENTS	\$711,918	\$3,600,828	1.572	1.730	236	1.075
	12 BUILDINGS&OFFICES	49,591	257,828	1.456	1.602	16	1.046
	TOTAL *	\$761,509	\$3,858,656	1.565		252	
33 MULT OFFICE	12 BUILDINGS&OFFICES	\$1,408,265	\$6,725,622	0.639	0.703	302	0.960
	13 MISC. PREMISES	12,815	64,755	0.078	0.086	2	0.995
	TOTAL *	\$1,421,080	\$6,790,377	0.634		304	
34 MULT MERCANTILE	01 FOOD&BEV. (RETAIL)	\$138,437	\$852,686	0.692	0.761	38	1.009
	02 RESTAURANTS	244,123	1,097,643	1.003	1.103	70	1.005
	03 STORES	331,454	1,673,008	0.425	0.468	52	0.960
	04 VENDING & RENTAL	18,577	65,322	0.000	0.000	0	0.997
	05 FOOD & BEV. DIST.	103,041	515,676	0.212	0.234	27	0.975
	06 NON-FOOD&BEV.DIST	205,911	998,976	0.829	0.912	27	0.971
	12 BUILDINGS&OFFICES	235,776	1,341,523	0.836	0.920	50	0.985
	TOTAL *	\$1,277,319	\$6,544,834	0.682		264	

WISCONSIN  
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SUMMARY OF EXPERIENCE USED IN RELATIVE CHANGE ANALYSIS

TERRITORY 503

		(1)	(2)	(3)	(4)	(5)	(6)
		FISCAL A.Y.E. 09/30/2020 AGGREGATE LOSS COSTS AT CURRENT LEVEL	FISCAL A.Y.E. 2016 - 2020 AGG LOSS COST CURRENT LEVEL	FIVE YEAR EXPERIENCE RATIO	RELATIV.	NUMBER OF OCCURRENCES	BAL CELL RELATIV.
TYPE OF POLICY	CLASS GROUP						
35 MULT INSTITUT.	07 CLUBS,AMSMT&SPRTS	\$17,707	\$74,450	0.000	0.000	0	1.139
	08 HEALTH CARE FACIL	68,953	316,022	2.747	3.022	21	1.135
	10 SCHLS & CHURCHES	1,131,172	5,373,550	1.241	1.365	622	1.056
	12 BUILDINGS&OFFICES	5,573	27,506	0.040	0.044	1	1.051
	13 MISC. PREMISES	1,720	7,654	0.000	0.000	0	1.089
	16 GOVT SUBDIVISIONS	122,847	775,984	1.361	1.498	49	1.073
	TOTAL *	\$1,347,972	\$6,575,166	1.306		693	
36 MULT SERVICES	03 STORES	\$46,165	\$202,935	0.631	0.694	19	0.917
	04 VENDING & RENTAL	12,780	65,997	2.740	3.015	10	0.953
	07 CLUBS,AMSMT&SPRTS	330,362	1,539,252	0.552	0.607	90	1.020
	08 HEALTH CARE FACIL	1,658	4,143	0.000	0.000	0	1.017
	09 HOTELS AND MOTELS	17,993	129,208	0.306	0.336	3	0.984
	10 SCHLS & CHURCHES	380	5,910	0.000	0.000	0	0.946
	12 BUILDINGS&OFFICES	59,483	300,407	2.224	2.447	28	0.941
	13 MISC. PREMISES	51,101	282,538	1.349	1.485	31	0.976
	TOTAL *	\$519,922	\$2,530,390	0.872		181	
TOTAL ALL TOP	01 FOOD&BEV. (RETAIL)	\$185,619	\$1,259,826	1.025		57	
	02 RESTAURANTS	297,108	1,368,952	0.927		94	
	03 STORES	496,603	2,831,675	0.440		110	
	04 VENDING & RENTAL	45,027	162,794	0.778		10	
	05 FOOD & BEV. DIST.	111,989	605,248	0.195		27	
	06 NON-FOOD&BEV.DIST	274,366	1,262,246	0.630		29	
	07 CLUBS,AMSMT&SPRTS	443,615	2,065,232	0.802		128	
	08 HEALTH CARE FACIL	73,789	339,083	2.603		24	
	09 HOTELS AND MOTELS	440,299	2,775,487	0.901		192	
	10 SCHLS & CHURCHES	1,399,701	7,182,195	1.132		718	
	11 APARTMENTS	924,232	4,578,430	1.490		294	
	12 BUILDINGS&OFFICES	2,471,022	12,293,962	0.698		512	
	13 MISC. PREMISES	164,434	899,190	1.105		69	
	16 GOVT SUBDIVISIONS	145,555	852,576	1.166		52	
	TOTAL *	\$7,473,359	\$38,476,896	0.923		2,316	

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

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

TERRITORY	ALL	(1) FISCAL A.Y.E. 09/30/2020 AGGREGATE LOSS COSTS AT CURRENT LEVEL	(2) FISCAL A.Y.E. 2016 - 2020 AGG LOSS COST CURRENT LEVEL	(3) FIVE YEAR EXPERIENCE RATIO	(4) RELATIV.	(5) NUMBER OF OCCURRENCES	(6) BAL CELL RELATIV.
TYPE OF POLICY	CLASS GROUP						
10 MONOLINE	01 FOOD&BEV. (RETAIL)	\$61,405	\$518,215	2.329		38	
	02 RESTAURANTS	110,226	489,670	0.514		35	
	03 STORES	164,558	1,598,086	0.473		69	
	04 VENDING & RENTAL	18,487	83,305	0.260		1	
	05 FOOD & BEV. DIST.	19,682	177,779	0.000		0	
	06 NON-FOOD&BEV.DIST	244,031	1,204,014	0.036		14	
	07 CLUBS, AMSMT&SPRTS	146,812	620,023	3.199		65	
	08 HEALTH CARE FACIL	4,050	29,188	0.651		3	
	09 HOTELS AND MOTELS	188,216	1,744,394	1.047		120	
	10 SCHLS & CHURCHES	372,980	2,305,213	0.658		114	
	11 APARTMENTS	425,186	1,903,582	0.890		81	
	12 BUILDINGS&OFFICES	1,023,820	5,652,173	0.613		185	
	13 MISC. PREMISES	132,786	708,852	1.157		39	
	16 GOVT SUBDIVISIONS	22,708	76,592	0.109		3	
	TOTAL *	\$2,934,947	\$17,111,086	0.807		767	
31 MULT MOTEL/HOTEL	09 HOTELS AND MOTELS	\$522,682	\$2,756,574	0.643		166	
	TOTAL *	\$522,682	\$2,756,574	0.643		166	
32 MULT APARTMENT	11 APARTMENTS	\$1,589,046	\$7,827,703	1.359		410	
	12 BUILDINGS&OFFICES	116,150	541,310	1.274		26	
	TOTAL *	\$1,705,196	\$8,369,013	1.353		436	
33 MULT OFFICE	12 BUILDINGS&OFFICES	\$2,474,022	\$11,905,972	0.704		490	
	13 MISC. PREMISES	24,130	108,690	0.041		2	
	TOTAL *	\$2,498,152	\$12,014,662	0.697		492	
34 MULT MERCANTILE	01 FOOD&BEV. (RETAIL)	\$213,479	\$1,087,556	0.515		44	
	02 RESTAURANTS	444,459	1,991,964	0.963		135	
	03 STORES	488,733	2,399,082	0.539		74	
	04 VENDING & RENTAL	31,568	126,613	0.012		1	
	05 FOOD & BEV. DIST.	171,629	851,057	0.457		31	
	06 NON-FOOD&BEV.DIST	375,693	1,767,208	0.744		46	
	12 BUILDINGS&OFFICES	403,361	2,209,533	0.746		94	
	TOTAL *	\$2,128,922	\$10,433,013	0.686		425	

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

TERRITORY	ALL	(1)	(2)	(3)	(4)	(5)	(6)
		FISCAL A.Y.E. 09/30/2020 AGGREGATE LOSS COSTS AT CURRENT LEVEL	FISCAL A.Y.E. 2016 - 2020 AGG LOSS COST CURRENT LEVEL	FIVE YEAR EXPERIENCE RATIO	RELATIV.	NUMBER OF OCCURRENCES	BAL CELL RELATIV.
TYPE OF POLICY	CLASS GROUP						
35 MULT INSTITUT.	07 CLUBS,AMSMT&SPRTS	\$17,707	\$78,899	0.000		0	
	08 HEALTH CARE FACIL	89,654	408,356	4.139		37	
	10 SCHLS & CHURCHES	1,654,971	7,675,805	1.150		822	
	12 BUILDINGS&OFFICES	31,241	69,375	0.007		1	
	13 MISC. PREMISES	1,720	7,654	0.000		0	
	16 GOVT SUBDIVISIONS	123,704	785,986	1.362		50	
	TOTAL *	\$1,918,997	\$9,026,075	1.273		910	
36 MULT SERVICES	03 STORES	\$56,981	\$276,029	0.548		22	
	04 VENDING & RENTAL	20,834	132,553	1.731		13	
	07 CLUBS,AMSMT&SPRTS	466,119	2,265,109	0.678		118	
	08 HEALTH CARE FACIL	1,658	4,279	0.000		0	
	09 HOTELS AND MOTELS	18,065	132,247	0.304		3	
	10 SCHLS & CHURCHES	1,053	10,724	0.000		0	
	12 BUILDINGS&OFFICES	153,912	815,716	1.711		82	
	13 MISC. PREMISES	153,420	839,070	0.818		48	
	TOTAL *	\$872,042	\$4,475,727	0.892		286	
TOTAL ALL	TOP						
	01 FOOD&BEV. (RETAIL)	\$274,884	\$1,605,771	0.920		82	
	02 RESTAURANTS	554,685	2,481,634	0.874		170	
	03 STORES	710,272	4,273,197	0.524		165	
	04 VENDING & RENTAL	70,889	342,471	0.582		15	
	05 FOOD & BEV. DIST.	191,311	1,028,836	0.410		31	
	06 NON-FOOD&BEV.DIST	619,724	2,971,222	0.465		60	
	07 CLUBS,AMSMT&SPRTS	630,638	2,964,031	1.246		183	
	08 HEALTH CARE FACIL	95,362	441,823	3.919		40	
	09 HOTELS AND MOTELS	728,963	4,633,215	0.739		289	
	10 SCHLS & CHURCHES	2,029,004	9,991,742	1.059		936	
	11 APARTMENTS	2,014,232	9,731,285	1.260		491	
	12 BUILDINGS&OFFICES	4,202,506	21,194,079	0.733		878	
	13 MISC. PREMISES	312,056	1,664,266	0.898		89	
	16 GOVT SUBDIVISIONS	146,412	862,578	1.168		53	
	TOTAL *	\$12,580,938	\$64,186,150	0.909		3,482	

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

WISCONSIN  
PRODUCTS  
BASIC LIMIT RELATIVE CHANGE ANALYSIS  
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	(1) BAILEY FORMULA RELATIV.	(2) CREDIBILITY Z	(3) Z-WTD RELATIV.	(4) BALANCED RELATIV.	MULTISTATE COVERAGE IND. OF 0.963 OR - 3.7%			
TOP								
10	0.928	0.343	0.975	0.975				
34	1.065	0.357	1.023	1.023				
36	1.147	0.179	1.025	1.025				
37	1.002	0.474	1.001	1.001				
CLASS GROUP					(5) INDICATED MULTISTATE MONOLINE CHANGE	(6) INDICATED STATEWIDE MONOLINE CHANGE#*	(7) SELECTED STATEWIDE MONOLINE CHANGE	
3	1.020	0.456	1.009	1.013	- 4.9%	- 8.0%	- 8.0%	
4	0.934	0.390	0.974	0.977	- 8.3%	- 10.8%	- 10.8%	
5	1.299	0.127	1.034	1.037	- 2.6%	- 2.4%	- 2.4%	
6	1.020	0.312	1.006	1.010	- 5.2%	- 7.4%	- 7.4%	
7	0.986	0.168	0.998	1.001	- 6.0%	- 2.7%	- 2.7%	
			OVERALL MONOLINE	INDICATION	- 6.1%	- 7.7%	- 7.7%	
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# The indicated statewide Products change is calculated by determining the effect, on statewide loss cost levels, of implementing the indicated multistate loss costs. The difference between the indicated multistate change and the indicated statewide change is a result of a difference in the distribution of risks by class in this jurisdiction versus the multistate.

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

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

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

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

WISCONSIN  
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 1.081 OR + 8.1%			
TOP								
10	1.014	0.781	1.011	1.010				
34	1.061	0.502	1.030	1.029				
36	0.921	0.535	0.957	0.956				
37	1.061	0.143	1.009	1.008				
38	0.996	0.991	0.996	0.995				
					(5) INDICATED MULTISTATE MONOLINE CHANGE	(6) INDICATED STATEWIDE MONOLINE CHANGE#*	(7) SELECTED STATEWIDE MONOLINE CHANGE	
CLASS GROUP								
1	0.808	0.501	0.899	0.894	- 3.4%	- 8.6%	- 7.6%	
2	0.988	0.512	0.994	0.989	+ 7.7%	+ 3.1%	+ 2.5%	
11	1.091	0.353	1.031	1.026	+ 12.1%	+ 5.4%	+ 5.3%	
12	1.018	1.000	1.018	1.012	+ 10.3%	+ 3.3%	+ 3.3%	
13	0.823	0.264	0.950	0.945	+ 2.7%	- 4.4%	- 4.0%	
			OVERALL MONOLINE INDICATION		+ 9.3%	+ 2.6%	+ 2.6%	

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

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

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

STATE	(1) BAILEY FORMULA RELATIV	(2) CREDIBILITY Z	(3) Z-WTD RELATIV	(4) BALANCED RELATIV.	(5) INDICATED ** MONOLINE CHG.	(6) SELECTED MONOLINE CHG.
	1.281	0.407	1.106	1.106		
	1.228	0.480	1.103	1.103		
	1.219	0.458	1.095	1.095		
	1.439	0.240	1.091	1.091		
	1.304	0.278	1.077	1.076		
	1.120	0.581	1.068	1.068		
	1.362	0.161	1.051	1.051		
	1.191	0.265	1.047	1.047		
	1.209	0.202	1.039	1.039		
	1.078	0.482	1.037	1.037		
	1.363	0.116	1.037	1.036		
	1.172	0.145	1.023	1.023		
	1.103	0.196	1.019	1.019		
	1.055	0.330	1.018	1.018		
	1.049	0.380	1.018	1.018		
	1.052	0.299	1.015	1.015		
	1.078	0.174	1.013	1.013		
	1.036	0.362	1.013	1.012		
	1.049	0.250	1.012	1.012		
	1.032	0.324	1.010	1.010		
	1.050	0.135	1.007	1.006		
	1.011	0.415	1.004	1.004		
	1.021	0.177	1.004	1.003		
	1.021	0.155	1.003	1.003		
	1.026	0.098	1.003	1.002		
	0.993	0.454	0.997	0.997		
	0.990	0.469	0.995	0.995		
	0.990	0.567	0.994	0.994		
	0.975	0.380	0.991	0.990		
	0.936	0.230	0.985	0.985		
	0.889	0.133	0.985	0.984		
	0.972	0.595	0.983	0.983		
	0.927	0.238	0.982	0.982		
	0.896	0.190	0.979	0.979		
	0.684	0.055	0.979	0.979		
	0.931	0.383	0.973	0.973		
	0.867	0.237	0.967	0.967		
	0.813	0.165	0.966	0.966		
	0.735	0.160	0.952	0.952		
	0.897	0.470	0.950	0.950		
	0.860	0.336	0.950	0.950		
	0.877	0.406	0.948	0.948		
	0.919	0.645	0.947	0.946		
	0.888	0.489	0.944	0.943		
	0.776	0.230	0.943	0.943		
	0.797	0.267	0.941	0.941		
WISCONSIN	0.804	0.300	0.937	0.936	2.6%	2.6%
	0.088	0.035	0.919	0.918		
	0.801	0.387	0.918	0.917		
	0.645	0.196	0.918	0.917		
	0.758	0.314	0.917	0.916		
	0.619	0.293	0.869	0.869		

\* Sorted by balanced relative change.

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



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

TYPE OF POLICY	CLASS GROUP	(1) CALENDAR A.Y.E. 12/31/2019 AGGREGATE LOSS COSTS AT CURRENT LEVEL	(2) CALENDAR A.Y.E. 2015 - 2019 AGG LOSS COST CURRENT LEVEL	(3) FIVE YEAR EXPERIENCE RATIO	(4) RELATIV.	(5) NUMBER OF OCCURRENCES	(6) BAL CELL RELATIV.
10 MONOLINE	01 RET.STRS-FOOD/DRG	\$13,634	\$67,329	3.056	2.816	7	0.845
	02 RET.STRS-NTFD/DRG	29,028	113,775	0.627	0.578	9	0.935
	11 COMP. OPS. (LOW)	69,209	359,128	0.357	0.329	4	0.970
	12 COMP. OPS. (MED)	976,085	4,081,947	0.942	0.868	71	0.957
	13 COMP. OPS. (HGH)	123,654	493,115	0.409	0.376	7	0.893
	TOTAL *	\$1,211,610	\$5,115,294	0.871		98	
34 MULT MERCANTILE	01 RET.STRS-FOOD/DRG	\$70,570	\$329,421	0.459	0.422	24	0.862
	02 RET.STRS-NTFD/DRG	102,808	510,092	1.651	1.521	13	0.953
	12 COMP. OPS. (MED)	41,490	196,078	0.652	0.601	2	0.976
	TOTAL *	\$214,868	\$1,035,591	1.067		39	
36 MULT SERVICES	01 RET.STRS-FOOD/DRG	\$8,247	\$69,666	1.548	1.426	10	0.800
	02 RET.STRS-NTFD/DRG	156,733	741,850	0.717	0.661	33	0.885
	11 COMP. OPS. (LOW)	38,661	221,180	1.050	0.967	9	0.918
	12 COMP. OPS. (MED)	84,438	418,890	0.818	0.754	16	0.906
	13 COMP. OPS. (HGH)	24,870	163,812	1.283	1.182	6	0.846
	TOTAL *	\$312,949	\$1,615,398	0.852		74	
37 MULT INDUST/PROC.	01 RET.STRS-FOOD/DRG	\$1,531	\$4,981	0.000	0.000	0	0.843
	11 COMP. OPS. (LOW)	2,860	13,893	0.000	0.000	0	0.968
	12 COMP. OPS. (MED)	112,010	607,417	0.121	0.111	4	0.955
	TOTAL *	\$116,401	\$626,291	0.116		4	
38 MULT CONTRACTORS	11 COMP. OPS. (LOW)	\$242,358	\$1,279,660	1.171	1.079	14	0.956
	12 COMP. OPS. (MED)	2,512,291	13,517,450	0.817	0.752	244	0.943
	13 COMP. OPS. (HGH)	240,447	1,447,237	1.412	1.300	24	0.880
	TOTAL *	\$2,995,096	\$16,244,347	0.893		282	
TOTAL ALL TOP	01 RET.STRS-FOOD/DRG	\$93,982	\$471,397	0.924		41	
	02 RET.STRS-NTFD/DRG	288,569	1,365,717	1.041		55	
	11 COMP. OPS. (LOW)	353,088	1,873,861	0.989		27	
	12 COMP. OPS. (MED)	3,726,314	18,821,782	0.827		337	
	13 COMP. OPS. (HGH)	388,971	2,104,164	1.085		37	
	TOTAL *	\$4,850,924	\$24,636,921	0.874		497	

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

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

TYPE OF POLICY	CLASS GROUP	(1)	(2)	(3)	(4)	(5)	(6)
		CALENDAR A.Y.E. 12/31/2019 AGGREGATE LOSS COSTS AT CURRENT LEVEL	CALENDAR A.Y.E. 2015 - 2019 AGG LOSS COST CURRENT LEVEL	FIVE YEAR EXPERIENCE RATIO	RELATIV.	NUMBER OF OCCURRENCES	BAL CELL RELATIV.
10 MONOLINE	01 RET.STRS-FOOD/DRG	\$2,438,315	\$11,481,124	0.912		601	
	02 RET.STRS-NTFD/DRG	2,987,973	14,421,548	1.083		495	
	11 COMP. OPS. (LOW)	5,121,852	24,832,256	1.466		645	
	12 COMP. OPS. (MED)	99,545,324	453,611,463	1.119		7,145	
	13 COMP. OPS. (HGH)	7,985,186	36,362,548	0.800		270	
	TOTAL *	\$118,078,650	\$540,708,939	1.107		9,156	
34 MULT MERCANTILE	01 RET.STRS-FOOD/DRG	\$8,413,377	\$39,955,164	0.852		2,982	
	02 RET.STRS-NTFD/DRG	5,555,517	26,312,504	1.249		672	
	12 COMP. OPS. (MED)	2,446,813	11,636,945	1.127		132	
	TOTAL *	\$16,415,707	\$77,904,613	1.027		3,786	
36 MULT SERVICES	01 RET.STRS-FOOD/DRG	\$849,959	\$4,339,848	1.306		191	
	02 RET.STRS-NTFD/DRG	14,215,160	58,934,622	0.949		2,767	
	11 COMP. OPS. (LOW)	3,232,727	15,442,449	1.070		482	
	12 COMP. OPS. (MED)	4,903,919	24,436,703	1.096		800	
	13 COMP. OPS. (HGH)	1,070,506	5,494,809	0.779		63	
	TOTAL *	\$24,272,271	\$108,648,431	1.000		4,303	
37 MULT INDUST/PROC.	01 RET.STRS-FOOD/DRG	\$18,762	\$99,731	0.355		1	
	11 COMP. OPS. (LOW)	112,387	573,798	1.063		19	
	12 COMP. OPS. (MED)	3,767,022	19,395,784	1.167		289	
	13 COMP. OPS. (HGH)	42,656	250,636	0.000		0	
	TOTAL *	\$3,940,827	\$20,319,949	1.148		309	
38 MULT CONTRACTORS	11 COMP. OPS. (LOW)	\$10,108,739	\$49,095,087	1.069		731	
	12 COMP. OPS. (MED)	164,891,867	821,442,733	1.100		13,301	
	13 COMP. OPS. (HGH)	14,409,562	69,575,366	0.945		720	
	TOTAL *	\$189,410,168	\$940,113,186	1.087		14,752	
TOTAL ALL TOP	01 RET.STRS-FOOD/DRG	\$11,720,413	\$55,875,867	0.897		3,775	
	02 RET.STRS-NTFD/DRG	22,758,650	99,668,674	1.040		3,934	
	11 COMP. OPS. (LOW)	18,575,705	89,943,590	1.178		1,877	
	12 COMP. OPS. (MED)	275,554,945	1,330,523,628	1.108		21,667	
	13 COMP. OPS. (HGH)	23,507,910	111,683,359	0.887		1,053	
	TOTAL *	\$352,117,623	\$1,687,695,118	1.085		32,306	

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

SECTION E  
SUPPORTING MATERIAL -- PREMISES/OPERATIONS  
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WISCONSIN  
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	09/30/2017	\$3,759,745		1.000		1.141				\$4,289,869
	09/30/2018	4,400,206		1.000		1.110				4,884,229
	09/30/2019	4,805,721		0.999		1.081				5,189,789
	09/30/2020	4,653,906		0.980		1.066				4,861,843
MULTILINE	09/30/2017	\$8,840,929		1.000		1.138		0.951		\$9,567,989
	09/30/2018	9,700,396		1.000		1.107		0.951		10,212,160
	09/30/2019	9,673,876		0.999		1.080		0.949		9,905,034
	09/30/2020	10,043,303		0.980		1.067		0.948		9,955,782
TOTAL	09/30/2017									\$13,857,858
	09/30/2018									15,096,389
	09/30/2019									15,094,823
	09/30/2020									14,817,625

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

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

# AGGREGATE LOSS COSTS AT CURRENT LEVEL HAVE BEEN TRENDED FROM AN AVERAGE DATE OF COVERAGE TO ONE YEAR BEYOND AN ASSUMED EFFECTIVE DATE OF 04/01/2022 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.

WISCONSIN  
MANUFACTURERS AND CONTRACTORS  
OCCURRENCE  
FULL COVERAGE  
CALCULATION OF INCURRED LOSSES

			\$100,000 BASIC LIMIT LOSSES AND ALAE*		B/L INDEMNITY DEVELOPMENT FACTOR		UNALLOCATED LOSS ADJ FACTOR		SEVERITY TREND		FREQUENCY TREND	=	\$100,000 BASIC LIMIT DEVELOPED & TRENDED LOSS AND LAE
REPORT TYPE	LOSS DESCRIPTION	ACCIDENT YEAR ENDING		X		X		X		X			
BI	B/L INDEMNITY	09/30/2017	\$2,375,586		1.009		1.080		1.302		1.000		\$3,370,518
		09/30/2018	1,911,683		1.070		1.080		1.246		1.000		2,752,590
		09/30/2019	2,127,768		1.185		1.080		1.193		1.000		3,248,679
		09/30/2020	1,814,993		1.774		1.080		1.141		1.000		3,967,692
BI	ALAE	09/30/2017	\$2,626,589				1.080		1.302		1.000		\$3,693,404
		09/30/2018	695,883				1.080		1.246		1.000		936,436
		09/30/2019	1,809,558				1.080		1.193		1.000		2,331,507
		09/30/2020	2,922,705				1.080		1.141		1.000		3,601,591
PD	B/L INDEMNITY	09/30/2017	\$3,187,235		1.011		1.080		1.302		1.000		\$4,531,062
		09/30/2018	2,775,692		1.068		1.080		1.246		1.000		3,989,186
		09/30/2019	3,344,130		1.110		1.080		1.193		1.000		4,782,669
		09/30/2020	2,651,446		1.212		1.080		1.141		1.000		3,959,997
PD	ALAE	09/30/2017	\$1,786,464				1.080		1.302		1.000		\$2,512,054
		09/30/2018	1,311,957				1.080		1.246		1.000		1,765,474
		09/30/2019	1,514,792				1.080		1.193		1.000		1,951,719
		09/30/2020	1,368,000				1.080		1.141		1.000		1,685,759
MED PAY#	B/L INDEMNITY	09/30/2017	\$40,724				1.080		1.302		1.000		\$57,264
		09/30/2018	31,956				1.080		1.246		1.000		43,003
		09/30/2019	56,256				1.080		1.193		1.000		72,482
		09/30/2020	30,606				1.080		1.141		1.000		37,715
FRINGE	B/L INDEMNITY	09/30/2017	\$77,165		1.042		1.080		1.000		1.000		\$86,838
		09/30/2018	204,161		1.093		1.080		1.000		1.000		241,000
		09/30/2019	67,407		1.244		1.080		1.000		1.000		90,563
		09/30/2020	134,310		1.568		1.080		1.000		1.000		227,446
FRINGE	ALAE	09/30/2017	\$22,592				1.080		1.000		1.000		\$24,399
		09/30/2018	440,087				1.080		1.000		1.000		475,294
		09/30/2019	63,835				1.080		1.000		1.000		68,942
		09/30/2020	149,245				1.080		1.000		1.000		161,185
TOTAL FULL COVERAGE		09/30/2017											\$14,275,541
		09/30/2018											10,202,982
		09/30/2019											12,546,561
		09/30/2020											13,641,384

\* 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.

WISCONSIN  
MANUFACTURERS AND CONTRACTORS  
OCCURRENCE  
DED COVERAGE  
CALCULATION OF INCURRED LOSSES

			\$100,000 BASIC LIMIT LOSSES AND ALAE*	B/L INDEMNITY DEVELOPMENT X FACTOR	X	UNALLOCATED LOSS ADJ X FACTOR	X	SEVERITY TREND	X	FREQUENCY TREND	=	\$100,000 BASIC LIMIT DEVELOPED & TRENDED LOSS AND LAE
REPORT TYPE	LOSS DESCRIPTION	ACCIDENT YEAR ENDING										
BI	B/L INDEMNITY	09/30/2017	\$101,068	1.024		1.080		1.302		1.000		\$145,529
		09/30/2018	226,295	1.162		1.080		1.246		1.000		353,853
		09/30/2019	192,317	1.592		1.080		1.193		1.000		394,480
		09/30/2020	115,096	2.662		1.080		1.141		1.000		377,553
BI	ALAE	09/30/2017	\$118,688			1.080		1.302		1.000		\$166,894
		09/30/2018	62,889			1.080		1.246		1.000		84,628
		09/30/2019	171,473			1.080		1.193		1.000		220,933
		09/30/2020	85,036			1.080		1.141		1.000		104,788
PD	B/L INDEMNITY	09/30/2017	\$276,632	1.031		1.080		1.302		1.000		\$401,047
		09/30/2018	250,997	1.044		1.080		1.246		1.000		352,623
		09/30/2019	483,595	1.099		1.080		1.193		1.000		684,768
		09/30/2020	120,253	1.226		1.080		1.141		1.000		181,675
PD	ALAE	09/30/2017	\$48,719			1.080		1.302		1.000		\$68,507
		09/30/2018	109,904			1.080		1.246		1.000		147,896
		09/30/2019	236,436			1.080		1.193		1.000		304,634
		09/30/2020	70,159			1.080		1.141		1.000		86,456
MED PAY#	B/L INDEMNITY	09/30/2017	\$10,000			1.080		1.302		1.000		\$14,062
		09/30/2018	0			1.080		1.246		1.000		0
		09/30/2019	412			1.080		1.193		1.000		531
		09/30/2020	0			1.080		1.141		1.000		0
TOTAL DED COVERAGE		09/30/2017										\$796,039
		09/30/2018										939,000
		09/30/2019										1,605,345
		09/30/2020										750,472
TOTAL		09/30/2017										\$15,071,579
		09/30/2018										11,141,983
		09/30/2019										14,151,906
		09/30/2020										14,391,856

\* 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.

WISCONSIN  
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	09/30/2017	\$3,427,580		1.000		1.031				\$3,533,835
	09/30/2018	3,239,008		1.000		1.023				3,313,505
	09/30/2019	3,630,530		1.000		1.013				3,677,727
	09/30/2020	2,897,509		1.002		1.011				2,935,240
MULTILINE	09/30/2017	\$9,095,873		1.000		1.023		0.975		\$9,072,451
	09/30/2018	9,525,294		1.000		1.018		0.976		9,464,027
	09/30/2019	9,772,105		1.000		1.015		0.975		9,670,719
	09/30/2020	9,757,113		1.002		1.011		0.976		9,646,950
TOTAL	09/30/2017									\$12,606,286
	09/30/2018									12,777,532
	09/30/2019									13,348,446
	09/30/2020									12,582,190

+ 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 04/01/2022 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.

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

REPORT TYPE	LOSS DESCRIPTION	ACCIDENT YEAR ENDING	\$100,000	X	B/L INDEMNITY DEVELOPMENT FACTOR	X	UNALLOCATED LOSS ADJ FACTOR	X	SEVERITY TREND	X	FREQUENCY TREND	=	\$100,000
			BASIC LIMIT LOSSES AND ALAE*										BASIC LIMIT DEVELOPED & TRENDED LOSS AND LAE
BI	B/L INDEMNITY	09/30/2017	\$5,443,834		0.934		1.080		1.302		0.970		\$6,935,188
		09/30/2018	4,775,077		0.945		1.080		1.246		0.975		5,920,503
		09/30/2019	5,478,470		1.033		1.080		1.193		0.980		7,145,784
		09/30/2020	3,468,970		1.077		1.080		1.141		0.985		4,534,839
BI	ALAE	09/30/2017	\$2,109,676				1.080		1.302		0.970		\$2,877,546
		09/30/2018	1,715,124				1.080		1.246		0.975		2,250,308
		09/30/2019	2,197,641				1.080		1.193		0.980		2,774,898
		09/30/2020	1,719,163				1.080		1.141		0.985		2,086,713
PD	B/L INDEMNITY	09/30/2017	\$405,044		1.028		1.080		1.379		0.970		\$601,527
		09/30/2018	1,090,006		1.043		1.080		1.307		0.975		1,564,650
		09/30/2019	753,451		1.033		1.080		1.239		0.980		1,020,649
		09/30/2020	631,365		1.045		1.080		1.174		0.985		823,996
PD	ALAE	09/30/2017	\$157,092				1.080		1.379		0.970		\$226,942
		09/30/2018	516,222				1.080		1.307		0.975		710,461
		09/30/2019	264,217				1.080		1.239		0.980		346,483
		09/30/2020	224,367				1.080		1.174		0.985		280,212
MED PAY#	B/L INDEMNITY	09/30/2017	\$749,033				1.080		1.302		0.970		\$1,021,662
		09/30/2018	878,766				1.080		1.246		0.975		1,152,974
		09/30/2019	809,240				1.080		1.193		0.980		1,021,804
		09/30/2020	631,932				1.080		1.141		0.985		767,036
FRINGE	B/L INDEMNITY	09/30/2017	\$100,062		1.034		1.080		1.000		0.970		\$108,389
		09/30/2018	254,767		1.050		1.080		1.000		0.975		281,683
		09/30/2019	207,425		1.272		1.080		1.000		0.980		279,253
		09/30/2020	134,455		1.644		1.080		1.000		0.985		235,147
FRINGE	ALAE	09/30/2017	\$194,027				1.080		1.000		0.970		\$203,263
		09/30/2018	355,588				1.080		1.000		0.975		374,434
		09/30/2019	272,731				1.080		1.000		0.980		288,659
		09/30/2020	286,608				1.080		1.000		0.985		304,894
TOTAL FULL COVERAGE		09/30/2017											\$11,974,516
		09/30/2018											12,255,014
		09/30/2019											12,877,530
		09/30/2020											9,032,836

\* 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.



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

			\$100,000 BASIC LIMIT LOSSES AND ALAE*	B/L INDEMNITY DEVELOPMENT FACTOR	UNALLOCATED LOSS ADJ FACTOR	SEVERITY TREND	FREQUENCY TREND	=	\$100,000 BASIC LIMIT DEVELOPED & TRENDED LOSS AND LAE
REPORT TYPE	LOSS DESCRIPTION	ACCIDENT YEAR ENDING		X	X	X	X		
BI	B/L INDEMNITY	09/30/2017	\$157,323	0.999	1.080	1.302	0.970		\$214,370
		09/30/2018	25,000	1.048	1.080	1.246	0.975		34,375
		09/30/2019	94,198	1.273	1.080	1.193	0.980		151,412
		09/30/2020	234,884	1.811	1.080	1.141	0.985		516,318
BI	ALAE	09/30/2017	\$54,617		1.080	1.302	0.970		\$74,496
		09/30/2018	5,321		1.080	1.246	0.975		6,981
		09/30/2019	26,589		1.080	1.193	0.980		33,573
		09/30/2020	80,117		1.080	1.141	0.985		97,246
PD	B/L INDEMNITY	09/30/2017	\$4,991	1.079	1.080	1.379	0.970		\$7,780
		09/30/2018	2,658	1.163	1.080	1.307	0.975		4,254
		09/30/2019	100,923	1.202	1.080	1.239	0.980		159,080
		09/30/2020	250	1.369	1.080	1.174	0.985		427
PD	ALAE	09/30/2017	\$5,114		1.080	1.379	0.970		\$7,388
		09/30/2018	372		1.080	1.307	0.975		512
		09/30/2019	18,657		1.080	1.239	0.980		24,466
		09/30/2020	69		1.080	1.174	0.985		86
MED PAY#	B/L INDEMNITY	09/30/2017	\$2,918		1.080	1.302	0.970		\$3,980
		09/30/2018	4,874		1.080	1.246	0.975		6,395
		09/30/2019	28,702		1.080	1.193	0.980		36,241
		09/30/2020	12,723		1.080	1.141	0.985		15,443
TOTAL DED COVERAGE		09/30/2017							\$308,014
		09/30/2018							52,518
		09/30/2019							404,772
		09/30/2020							629,521
TOTAL		09/30/2017							\$12,282,530
		09/30/2018							12,307,532
		09/30/2019							13,282,302
		09/30/2020							9,662,357

\* 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.

WISCONSIN  
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	1.007
34	Mercantile Policy	1.143
35	Institutional Policy	0.778
36	Service Policy	0.947
37	Industrial/Processing Policy	0.994
38	Contractors Policy	0.907

- (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.

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

Implicit Package Modification Factors (A) by Type of Policy

Type of Policy (B) -----	Description -----	Implicit Package Modification Factors -----
31	Motel/Hotel Policy	0.957
32	Apartment House Policy	1.000
33	Office Policy	0.933
34	Mercantile Policy	0.985
35	Institutional Policy	1.023
36	Service Policy	0.948
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.

WISCONSIN

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	1.019	1.009	0.7641	1.011	22,000,000
27 to 39 Months	1.000	0.998	0.5032	0.999	70,000,000
Accident Year Ending	<u>27:15</u>	Exposure Development From		<u>39:27</u>	<u>ULT:39</u>
6/30/2018			1.000		1.000
6/30/2019		0.999	1.000		0.999
6/30/2020	1.011	0.999	1.000		1.010

(a) See Section E - Multistate Premium Development.

(b) See Section E - Statewide Premium Development.

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

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

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

WISCONSIN

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	1.002	1.002	0.4993	1.002	69,000,000
27 to 39 Months	1.000	0.999	0.3136	1.000	150,000,000
Accident Year Ending	<u>27:15</u>	Exposure Development From <u>39:27</u>	<u>ULT:39</u>		<u>Factor</u>
6/30/2018			1.000		1.000
6/30/2019		1.000	1.000		1.000
6/30/2020	1.002	1.000	1.000		1.002

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

WISCONSIN  
MANUFACTURERS AND CONTRACTORS

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

Accident Year Ending	<u>15 Months</u>	<u>27 Months</u>	<u>39 Months</u>	<u>51 Months</u>	<u>63 Months</u>	<u>75 Months</u>	<u>87 Months</u>	<u>99 Months</u>
6/30/2013	20,948,041	20,689,303	20,719,657	20,724,310	20,725,143	20,725,154	20,724,351	20,724,351
6/30/2014	21,775,966	22,168,349	22,179,453	22,154,498	22,153,616	22,151,273	22,151,273	
6/30/2015	22,269,527	22,777,735	22,690,240	22,683,009	22,683,953	22,684,682		
6/30/2016	23,067,483	23,251,033	23,138,096	23,141,741	23,144,840			
6/30/2017	23,260,756	23,460,327	23,441,589	23,440,101				
6/30/2018	23,967,542	24,176,287	24,162,722					
6/30/2019	24,019,874	23,923,453						
6/30/2020	24,283,179							

LINK RATIOS

Accident Year Ending	<u>27:15</u>	<u>39:27</u>	<u>51:39</u>	<u>63:51</u>	<u>75:63</u>	<u>87:75</u>	<u>99:87</u>
6/30/2013	0.988	1.001	1.000	1.000	1.000	1.000	1.000
6/30/2014	1.018	1.001	0.999	1.000	1.000	1.000	
6/30/2015	1.023	0.996	1.000	1.000	1.000		
6/30/2016	1.008	0.995	1.000	1.000			
6/30/2017	1.009	0.999	1.000				
6/30/2018	1.009	0.999					
6/30/2019	0.996						
6/30/2020							

Average Best 3 of 5

<u>27:15</u>	<u>39:27</u>
1.009	0.998

WISCONSIN  
OWNERS LANDLORDS AND TENANTS

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

Accident Year Ending	<u>15 Months</u>	<u>27 Months</u>	<u>39 Months</u>	<u>51 Months</u>	<u>63 Months</u>	<u>75 Months</u>	<u>87 Months</u>	<u>99 Months</u>
6/30/2013	21,446,447	21,552,928	21,607,036	21,601,674	21,601,987	21,602,115	21,601,629	21,601,629
6/30/2014	21,966,873	22,063,137	22,038,065	22,038,989	22,041,251	22,040,939	22,040,939	
6/30/2015	22,792,099	22,866,350	22,878,781	22,847,330	22,846,703	22,846,931		
6/30/2016	23,056,958	23,109,818	23,051,297	23,044,712	23,046,210			
6/30/2017	22,803,279	22,810,772	22,769,348	22,769,333				
6/30/2018	22,711,376	22,617,025	22,614,375					
6/30/2019	23,295,390	24,311,248						
6/30/2020	23,044,692							

LINK RATIOS

Accident Year Ending	<u>27:15</u>	<u>39:27</u>	<u>51:39</u>	<u>63:51</u>	<u>75:63</u>	<u>87:75</u>	<u>99:87</u>
6/30/2013	1.005	1.003	1.000	1.000	1.000	1.000	1.000
6/30/2014	1.004	0.999	1.000	1.000	1.000	1.000	
6/30/2015	1.003	1.001	0.999	1.000	1.000		
6/30/2016	1.002	0.997	1.000	1.000			
6/30/2017	1.000	0.998	1.000				
6/30/2018	0.996	1.000					
6/30/2019	1.044						
6/30/2020							

Average Best 3 of 5

<u>27:15</u>	<u>39:27</u>
1.002	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>
6/30/2013	1,590,533,615	1,577,520,997	1,578,767,205	1,579,612,988	1,579,563,343	1,579,583,664	1,579,472,417	1,579,448,971
6/30/2014	1,643,691,847	1,692,607,333	1,695,065,797	1,695,363,278	1,695,541,202	1,695,312,946	1,695,305,940	
6/30/2015	1,731,751,417	1,774,576,471	1,774,763,237	1,774,951,635	1,774,454,775	1,774,452,830		
6/30/2016	1,732,712,034	1,771,145,340	1,767,102,924	1,767,692,472	1,767,893,617			
6/30/2017	1,780,321,021	1,814,992,902	1,816,618,761	1,816,535,561				
6/30/2018	1,842,172,938	1,870,836,872	1,868,841,059					
6/30/2019	1,919,199,210	1,947,280,265						
6/30/2020	1,983,596,484							

LINK RATIOS

Accident Year Ending	<u>27:15</u>	<u>39:27</u>	<u>51:39</u>	<u>63:51</u>	<u>75:63</u>	<u>87:75</u>	<u>99:87</u>
6/30/2013	0.992	1.001	1.001	1.000	1.000	1.000	1.000
6/30/2014	1.030	1.001	1.000	1.000	1.000	1.000	
6/30/2015	1.025	1.000	1.000	1.000	1.000		
6/30/2016	1.022	0.998	1.000	1.000			
6/30/2017	1.019	1.001	1.000				
6/30/2018	1.016	0.999					
6/30/2019	1.015						

Average Best 3 of 5  
27:15      39:27  
1.019      1.000



MULTISTATE  
OWNERS LANDLORDS AND TENANTS

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

Accident Year Ending	<u>15 Months</u>	<u>27 Months</u>	<u>39 Months</u>	<u>51 Months</u>	<u>63 Months</u>	<u>75 Months</u>	<u>87 Months</u>	<u>99 Months</u>
6/30/2013	1,896,171,915	1,891,442,718	1,892,040,222	1,894,104,438	1,894,482,121	1,894,335,024	1,894,338,702	1,894,335,850
6/30/2014	2,034,489,590	2,062,064,208	2,061,721,056	2,062,682,125	2,062,385,461	2,062,275,196	2,062,272,236	
6/30/2015	2,203,847,305	2,209,844,351	2,209,872,814	2,208,919,113	2,209,139,747	2,209,109,683		
6/30/2016	2,309,398,385	2,313,226,703	2,312,337,640	2,313,052,940	2,313,128,545			
6/30/2017	2,310,452,668	2,324,637,016	2,324,397,140	2,324,239,838				
6/30/2018	2,338,070,201	2,341,531,649	2,339,917,608					
6/30/2019	2,378,300,026	2,383,536,958						
6/30/2020	2,357,061,822							

LINK RATIOS

Accident Year Ending	<u>27:15</u>	<u>39:27</u>	<u>51:39</u>	<u>63:51</u>	<u>75:63</u>	<u>87:75</u>	<u>99:87</u>
6/30/2013	0.998	1.000	1.001	1.000	1.000	1.000	1.000
6/30/2014	1.014	1.000	1.000	1.000	1.000	1.000	
6/30/2015	1.003	1.000	1.000	1.000	1.000		
6/30/2016	1.002	1.000	1.000	1.000			
6/30/2017	1.006	1.000	1.000				
6/30/2018	1.001	0.999					
6/30/2019	1.002						

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

## LOSS DEVELOPMENT DATA TABLE OF CONTENTS

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WISCONSIN

Premises/Operations

Manufacturers & Contractors

Bodily Injury

Full Coverage

Incurred Losses excluding ALAE

Calculation of Loss Development Factors

(1) EVALUATION PERIOD	(2) MULTISTATE RATIO (A)	(3) STATE RATIO (B)	(4) CREDIBILITY (C)	(5) WEIGHTED RATIO (D)	Credibility Constant (Ki)
15 to 27 Months	1.624	1.396	0.5565	1.497	1,500,000
27 to 39 Months	1.340	0.983	0.6488	1.108	1,800,000
39 to 51 Months	1.084	1.046	0.6210	1.060	2,100,000
51 to 63 Months	1.009	0.996	0.6309	1.001	2,500,000
63 to 75 Months	0.999	0.995	0.6127	0.997	2,900,000
75 to 87 Months	0.998	1.021	0.5730	1.011	3,500,000
87 to 99 Months	0.999	1.000	0.5294	1.000	4,000,000
99 to 111 Months	0.999	1.000	0.4886	0.999	4,800,000
111 to 123 Months	0.998	1.000	0.4356	0.999	5,700,000
123 to 135 Months	1.001	1.000	0.4120	1.001	6,700,000
135 to 147 Months	1.000	1.000	0.3679	1.000	7,900,000
147 to 159 Months	1.001	1.000	0.3095	1.001	9,300,000
159 to 171 Months	1.000	1.000	0.2629	1.000	11,100,000
171 to 183 Months	1.000	1.000	0.2234	1.000	13,100,000
183 to 195 Months	1.000	1.000	0.2279	1.000	15,500,000
195 to 207 Months	1.000	1.000	0.1872	1.000	18,300,000
207 to 219 Months	1.000	1.000	0.1845	1.000	21,600,000
219 to 231 Months	1.000	1.000	0.1143	1.000	25,600,000
231 to 243 Months	1.000	1.000	0.0654	1.000	30,200,000
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									
6/30/2018			1.060	1.001	0.997	1.011	1.000	0.999	0.999	0.999	1.001	1.000	
6/30/2019		1.108	1.060	1.001	0.997	1.011	1.000	0.999	0.999	0.999	1.001	1.000	
6/30/2020	1.497	1.108	1.060	1.001	0.997	1.011	1.000	0.999	0.999	0.999	1.001	1.000	
		159:147	171:159	183:171	195:183	207:195	219:207	231:219	243:231	ULT:243			Factor
6/30/2018		1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000			1.070
6/30/2019		1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000			1.185
6/30/2020		1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000			1.774

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

WISCONSIN

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 <sub>i</sub> )
15 to 27 Months	0.0664	0.0538	0.5565	0.0594	1,500,000
27 to 39 Months	0.0988	0.0878	0.6488	0.0916	1,800,000
39 to 51 Months	0.0835	0.0594	0.6210	0.0686	2,100,000
51 to 63 Months	0.0464	0.0493	0.6309	0.0482	2,500,000
63 to 75 Months	0.0246	0.0375	0.6127	0.0325	2,900,000
75 to 87 Months	0.0099	0.0064	0.5730	0.0079	3,500,000
87 to 99 Months	0.0051	0.0047	0.5294	0.0049	4,000,000
99 to 111 Months	0.0034	0.0016	0.4886	0.0025	4,800,000
111 to 123 Months	0.0019	0.0003	0.4356	0.0012	5,700,000
123 to 135 Months	0.0015	0.0000	0.4120	0.0009	6,700,000
135 to 147 Months	0.0004	0.0002	0.3679	0.0003	7,900,000
147 to 159 Months	0.0014	0.0000	0.3095	0.0010	9,300,000
159 to 171 Months	0.0006	0.0000	0.2629	0.0004	11,100,000
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>
	0.319	0.260	0.168	0.100	0.052	0.019	0.011
<u>Months-to-Ultimate</u>	<u>99</u>	<u>111</u>	<u>123</u>	<u>135</u>	<u>147</u>	<u>159</u>	<u>171</u>
	0.006	0.004	0.003	0.002	0.001	0.000	0.000

Full Coverage

A.Y.E.	Reported ALAE as of 12/31/20	\$500,000 Ultimate Indemnity	ALAE Factor	Additional ALAE	Ultimate ALAE
9/30/2018	168,051	3,141,844	0.168	527,832	695,883
9/30/2019	406,698	5,395,618	0.260	1,402,860	1,809,558
9/30/2020	226,143	8,453,184	0.319	2,696,562	2,922,705

Deductible Coverage

A.Y.E.	Reported ALAE as of 12/31/20	\$500,000 Ultimate Indemnity	ALAE Factor	Additional ALAE	Ultimate ALAE
9/30/2018	18,523	264,086	0.168	44,366	62,889
9/30/2019	82,148	343,559	0.260	89,325	171,473
9/30/2020	2,940	257,355	0.319	82,096	85,036

(A) See Section E - Multistate Loss Development.

(B) See Section E - Statewide Loss Development.

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

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

WISCONSIN

Premises/Operations

Manufacturers & Contractors

Property Damage

Full Coverage

Incurred Losses excluding ALAE

Calculation of Loss Development Factors

(1)	(2)	(3)	(4)	(5)	
EVALUATION PERIOD	MULTISTATE RATIO (A)	STATE RATIO (B)	CREDIBILITY (C)	WEIGHTED RATIO (D)	Credibility Constant (Ki)
15 to 27 Months	1.129	1.078	0.7193	1.092	2,400,000
27 to 39 Months	1.050	1.036	0.7230	1.040	2,500,000
39 to 51 Months	1.021	1.070	0.7216	1.056	2,600,000
51 to 63 Months	1.010	1.010	0.7288	1.010	2,800,000
63 to 75 Months	1.008	0.996	0.7183	0.999	3,000,000
75 to 87 Months	1.007	0.989	0.7035	0.994	3,100,000
87 to 99 Months	1.005	0.990	0.6547	0.995	3,300,000
99 to 111 Months	1.005	1.000	0.6180	1.002	3,500,000
111 to 123 Months	1.002	1.000	0.5951	1.001	3,700,000
123 to 135 Months	1.002	1.003	0.6389	1.003	4,000,000
135 to 147 Months	1.002	1.000	0.6609	1.001	4,100,000
147 to 159 Months	1.001	1.000	0.6574	1.000	4,400,000
159 to 171 Months	1.001	1.000	0.6074	1.000	4,700,000
171 to 183 Months	1.001	1.000	0.5873	1.000	4,900,000
183 to 195 Months	1.001	0.999	0.5401	1.000	5,200,000
195 to 207 Months	1.001	1.000	0.5174	1.000	5,500,000
207 to 219 Months	1.001	1.000	0.5339	1.000	5,900,000
219 to 231 Months	1.001	1.000	0.4512	1.001	6,300,000
231 to 243 Months	1.001	1.000	0.3265	1.001	6,600,000
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									
6/30/2018			1.056	1.010	0.999	0.994	0.995	1.002	1.001	1.003	1.001		
6/30/2019		1.040	1.056	1.010	0.999	0.994	0.995	1.002	1.001	1.003	1.001		
6/30/2020	1.092	1.040	1.056	1.010	0.999	0.994	0.995	1.002	1.001	1.003	1.001		
		159:147	171:159	183:171	195:183	207:195	219:207	231:219	243:231	ULT:243			Factor
6/30/2018	1.000	1.000	1.000	1.000	1.000	1.000	1.001	1.001	1.004				1.068
6/30/2019	1.000	1.000	1.000	1.000	1.000	1.000	1.001	1.001	1.004				1.110
6/30/2020	1.000	1.000	1.000	1.000	1.000	1.000	1.001	1.001	1.004				1.212

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

WISCONSIN

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 <sub>i</sub> )
15 to 27 Months	0.0404	0.0700	0.7193	0.0617	2,400,000
27 to 39 Months	0.0439	0.0608	0.7230	0.0562	2,500,000
39 to 51 Months	0.0405	0.1131	0.7216	0.0929	2,600,000
51 to 63 Months	0.0375	0.0498	0.7288	0.0465	2,800,000
63 to 75 Months	0.0199	0.0378	0.7183	0.0328	3,000,000
75 to 87 Months	0.0121	0.0209	0.7035	0.0183	3,100,000
87 to 99 Months	0.0091	0.0061	0.6547	0.0072	3,300,000
99 to 111 Months	0.0096	0.0001	0.6180	0.0037	3,500,000
111 to 123 Months	0.0049	0.0008	0.5951	0.0025	3,700,000
123 to 135 Months	0.0059	0.0102	0.6389	0.0086	4,000,000
135 to 147 Months	0.0039	0.0007	0.6609	0.0018	4,100,000
147 to 159 Months	0.0039	0.0000	0.6574	0.0013	4,400,000
159 to 171 Months	0.0027	0.0000	0.6074	0.0011	4,700,000
171 to Ultimate	A multistate ratio of 0.0000 has been used.				

Cumulative Incremental Factors							
<u>Months-to-Ultimate</u>	<u>15</u>	<u>27</u>	<u>39</u>	<u>51</u>	<u>63</u>	<u>75</u>	<u>87</u>
	0.334	0.273	0.217	0.124	0.077	0.044	0.026
<u>Months-to-Ultimate</u>	<u>99</u>	<u>111</u>	<u>123</u>	<u>135</u>	<u>147</u>	<u>159</u>	<u>171</u>
	0.019	0.015	0.013	0.004	0.002	0.001	0.000

Full Coverage

A.Y.E.	Reported ALAE as of 12/31/20	\$500,000 Ultimate Indemnity	ALAE Factor	Additional ALAE	Ultimate ALAE
9/30/2018	404,969	4,179,665	0.217	906,988	1,311,957
9/30/2019	237,562	4,678,485	0.273	1,277,230	1,514,792
9/30/2020	146,321	3,657,713	0.334	1,221,679	1,368,000

Deductible Coverage

A.Y.E.	Reported ALAE as of 12/31/20	\$500,000 Ultimate Indemnity	ALAE Factor	Additional ALAE	Ultimate ALAE
9/30/2018	30,323	366,734	0.217	79,581	109,904
9/30/2019	14,408	813,287	0.273	222,028	236,436
9/30/2020	17,624	157,293	0.334	52,535	70,159

(A) See Section E - Multistate Loss Development.

(B) See Section E - Statewide Loss Development.

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

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

WISCONSIN

Premises/Operations

Manufacturers & Contractors

Fringe

Full Coverage

ALAE

Calculation of Cumulative Incremental Factors

(1)	(2)
EVALUATION PERIOD	MULTISTATE RATIO (A)
15 to 27 Months	0.1178
27 to 39 Months	0.1187
39 to 51 Months	0.1366
51 to 63 Months	0.0557
63 to 75 Months	0.0230
75 to 87 Months	0.0483
87 to 99 Months	0.0024
99 to 111 Months	0.0119
111 to 123 Months	0.0017
123 to 135 Months	-0.0004
135 to 147 Months	0.0005
147 to 159 Months	0.0010
159 to 171 Months	0.0001
171 to Ultimate	A multistate ratio of 0.0000 has been used.

Cumulative Incremental Factors							
<u>Months-to-Ultimate</u>	<u>15</u>	<u>27</u>	<u>39</u>	<u>51</u>	<u>63</u>	<u>75</u>	<u>87</u>
	0.517	0.399	0.281	0.144	0.088	0.065	0.017
<u>Months-to-Ultimate</u>	<u>99</u>	<u>111</u>	<u>123</u>	<u>135</u>	<u>147</u>	<u>159</u>	<u>171</u>
	0.015	0.003	0.001	0.002	0.001	0.000	0.000

A.Y.E.	Reported ALAE as of 12/31/20	\$500,000 Ultimate Indemnity	ALAE Factor	Additional ALAE	Ultimate ALAE
9/30/2018	328,036	398,756	0.281	112,051	440,087
9/30/2019	21,339	106,505	0.399	42,496	63,835
9/30/2020	716	287,291	0.517	148,529	149,245

(A) See Section E - Multistate Loss Development.

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

WISCONSIN

Premises/Operations

Owners, Landlords & Tenants

Bodily Injury

Full Coverage

Incurred Losses excluding ALAE

Calculation of Loss Development Factors

(1) EVALUATION PERIOD	(2) MULTISTATE RATIO (A)	(3) STATE RATIO (B)	(4) CREDIBILITY (C)	(5) WEIGHTED RATIO (D)	Credibility Constant (Ki)
15 to 27 Months	1.424	0.988	0.8752	1.042	1,700,000
27 to 39 Months	1.198	1.075	0.8538	1.093	2,100,000
39 to 51 Months	1.065	1.001	0.8216	1.012	2,700,000
51 to 63 Months	1.004	0.954	0.7869	0.965	3,300,000
63 to 75 Months	0.995	0.967	0.7566	0.974	4,200,000
75 to 87 Months	0.994	1.000	0.7197	0.998	5,300,000
87 to 99 Months	0.996	0.999	0.6927	0.998	6,600,000
99 to 111 Months	0.999	0.998	0.6059	0.998	8,300,000
111 to 123 Months	0.999	1.000	0.5358	1.000	10,500,000
123 to 135 Months	1.000	0.998	0.4542	0.999	13,200,000
135 to 147 Months	1.000	1.000	0.4147	1.000	16,600,000
147 to 159 Months	1.000	1.000	0.3565	1.000	20,900,000
159 to 171 Months	1.001	1.000	0.3029	1.001	26,300,000
171 to 183 Months	1.000	1.000	0.2533	1.000	33,100,000
183 to 195 Months	1.000	1.000	0.2182	1.000	41,800,000
195 to 207 Months	1.000	1.000	0.1838	1.000	52,700,000
207 to 219 Months	1.000	1.000	0.1682	1.000	66,500,000
219 to 231 Months	1.000	1.000	0.1038	1.000	84,000,000
231 to 243 Months	1.000	1.000	0.0502	1.000	106,200,000
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									
6/30/2018			1.012	0.965	0.974	0.998	0.998	0.998	0.998	1.000	0.999	1.000	
6/30/2019		1.093	1.012	0.965	0.974	0.998	0.998	0.998	0.998	1.000	0.999	1.000	
6/30/2020	1.042	1.093	1.012	0.965	0.974	0.998	0.998	0.998	0.998	1.000	0.999	1.000	
		159:147	171:159	183:171	195:183	207:195	219:207	231:219	243:231	ULT:243			Factor
6/30/2018	1.000	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000			0.945
6/30/2019	1.000	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000			1.033
6/30/2020	1.000	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000			1.077

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



WISCONSIN

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 <sub>i</sub> )
15 to 27 Months	0.0636	0.0328	0.8752	0.0366	1,700,000
27 to 39 Months	0.0806	0.0656	0.8538	0.0678	2,100,000
39 to 51 Months	0.0584	0.0634	0.8216	0.0625	2,700,000
51 to 63 Months	0.0293	0.0345	0.7869	0.0334	3,300,000
63 to 75 Months	0.0125	0.0172	0.7566	0.0160	4,200,000
75 to 87 Months	0.0060	0.0023	0.7197	0.0033	5,300,000
87 to 99 Months	0.0027	0.0000	0.6927	0.0009	6,600,000
99 to 111 Months	0.0018	0.0001	0.6059	0.0008	8,300,000
111 to 123 Months	0.0013	0.0000	0.5358	0.0006	10,500,000
123 to 135 Months	0.0013	0.0000	0.4542	0.0007	13,200,000
135 to 147 Months	0.0004	0.0000	0.4147	0.0002	16,600,000
147 to 159 Months	0.0008	0.0000	0.3565	0.0005	20,900,000
159 to 171 Months	0.0008	0.0000	0.3029	0.0005	26,300,000
171 to Ultimate	A multistate ratio of 0.0000 has been used.				

Cumulative Incremental Factors							
<u>Months-to-Ultimate</u>	<u>15</u>	<u>27</u>	<u>39</u>	<u>51</u>	<u>63</u>	<u>75</u>	<u>87</u>
	0.224	0.187	0.120	0.057	0.024	0.008	0.004
<u>Months-to-Ultimate</u>	<u>99</u>	<u>111</u>	<u>123</u>	<u>135</u>	<u>147</u>	<u>159</u>	<u>171</u>
	0.003	0.003	0.002	0.001	0.001	0.001	0.000

Full Coverage

A.Y.E.	Reported ALAE as of 12/31/20	\$500,000 Ultimate Indemnity	ALAE Factor	Additional ALAE	Ultimate ALAE
9/30/2018	917,656	6,645,592	0.120	797,468	1,715,124
9/30/2019	518,297	8,980,437	0.187	1,679,344	2,197,641
9/30/2020	149,813	7,006,015	0.224	1,569,350	1,719,163

Deductible Coverage

A.Y.E.	Reported ALAE as of 12/31/20	\$500,000 Ultimate Indemnity	ALAE Factor	Additional ALAE	Ultimate ALAE
9/30/2018	2,153	26,400	0.120	3,168	5,321
9/30/2019	4,220	119,631	0.187	22,369	26,589
9/30/2020	1,038	353,031	0.224	79,079	80,117

(A) See Section E - Multistate Loss Development.

(B) See Section E - Statewide Loss Development.

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

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

WISCONSIN

Premises/Operations

Owners, Landlords & Tenants

Property Damage

Full Coverage

Incurred Losses excluding ALAE

Calculation of Loss Development Factors

(1) EVALUATION PERIOD	(2) MULTISTATE RATIO (A)	(3) STATE RATIO (B)	(4) CREDIBILITY (C)	(5) WEIGHTED RATIO (D)	Credibility Constant (Ki)
15 to 27 Months	1.153	0.950	0.6978	1.011	900,000
27 to 39 Months	1.070	0.939	0.6049	0.991	1,000,000
39 to 51 Months	1.043	0.992	0.5650	1.014	1,200,000
51 to 63 Months	1.016	0.992	0.5476	1.003	1,400,000
63 to 75 Months	1.005	1.000	0.5417	1.002	1,600,000
75 to 87 Months	1.008	1.000	0.5073	1.004	1,800,000
87 to 99 Months	1.001	1.000	0.5140	1.000	2,100,000
99 to 111 Months	1.003	1.000	0.4750	1.002	2,400,000
111 to 123 Months	1.004	1.000	0.4121	1.002	2,700,000
123 to 135 Months	1.002	1.000	0.3223	1.001	3,100,000
135 to 147 Months	1.000	1.000	0.2983	1.000	3,600,000
147 to 159 Months	1.000	1.000	0.2848	1.000	4,100,000
159 to 171 Months	1.001	1.000	0.2243	1.001	4,700,000
171 to 183 Months	1.002	1.000	0.2017	1.002	5,400,000
183 to 195 Months	1.002	1.000	0.1695	1.002	6,100,000
195 to 207 Months	1.003	1.000	0.1815	1.002	7,000,000
207 to 219 Months	1.001	1.000	0.2115	1.001	8,100,000
219 to 231 Months	1.001	1.000	0.1549	1.001	9,300,000
231 to 243 Months	1.001	1.000	0.0933	1.001	10,600,000
243 to ULTIMATE	The Multistate ratio has been used.				

Accident Year	Loss Development From											
Ending	27:15	39:27	51:39	63:51	75:63	87:75	99:87	111:99	123:111	135:123	147:135	
6/30/2018			1.014	1.003	1.002	1.004	1.000	1.002	1.002	1.001	1.000	
6/30/2019		0.991	1.014	1.003	1.002	1.004	1.000	1.002	1.002	1.001	1.000	
6/30/2020	1.011	0.991	1.014	1.003	1.002	1.004	1.000	1.002	1.002	1.001	1.000	
	<u>159:147</u>	<u>171:159</u>	<u>183:171</u>	<u>195:183</u>	<u>207:195</u>	<u>219:207</u>	<u>231:219</u>	<u>243:231</u>	<u>ULT:243</u>			<u>Factor</u>
6/30/2018	1.000	1.001	1.002	1.002	1.002	1.001	1.001	1.001	1.004			1.043
6/30/2019	1.000	1.001	1.002	1.002	1.002	1.001	1.001	1.001	1.004			1.033
6/30/2020	1.000	1.001	1.002	1.002	1.002	1.001	1.001	1.001	1.004			1.045

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

WISCONSIN

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 <sub>i</sub> )
15 to 27 Months	0.0768	0.0772	0.6978	0.0771	900,000
27 to 39 Months	0.0853	0.0472	0.6049	0.0623	1,000,000
39 to 51 Months	0.0694	-0.0019	0.5650	0.0291	1,200,000
51 to 63 Months	0.0400	0.0032	0.5476	0.0199	1,400,000
63 to 75 Months	0.0308	0.0001	0.5417	0.0142	1,600,000
75 to 87 Months	0.0151	0.0001	0.5073	0.0075	1,800,000
87 to 99 Months	0.0196	0.0000	0.5140	0.0095	2,100,000
99 to 111 Months	0.0171	0.0000	0.4750	0.0090	2,400,000
111 to 123 Months	0.0108	0.0000	0.4121	0.0063	2,700,000
123 to 135 Months	0.0119	0.0000	0.3223	0.0081	3,100,000
135 to 147 Months	0.0031	0.0000	0.2983	0.0022	3,600,000
147 to 159 Months	0.0021	0.0000	0.2848	0.0015	4,100,000
159 to 171 Months	0.0019	0.0000	0.2243	0.0015	4,700,000
171 to Ultimate	A multistate ratio of 0.0000 has been used.				

Cumulative Incremental Factors							
<u>Months-to-Ultimate</u>	<u>15</u>	<u>27</u>	<u>39</u>	<u>51</u>	<u>63</u>	<u>75</u>	<u>87</u>
	0.248	0.171	0.109	0.080	0.060	0.046	0.038
<u>Months-to-Ultimate</u>	<u>99</u>	<u>111</u>	<u>123</u>	<u>135</u>	<u>147</u>	<u>159</u>	<u>171</u>
	0.029	0.020	0.013	0.005	0.003	0.001	0.000

Full Coverage

A.Y.E.	Reported ALAE as of 12/31/20	\$500,000 Ultimate Indemnity	ALAE Factor	Additional ALAE	Ultimate ALAE
9/30/2018	343,730	1,582,514	0.109	172,492	516,222
9/30/2019	118,123	854,345	0.171	146,094	264,217
9/30/2020	51,036	698,921	0.248	173,331	224,367

Deductible Coverage

A.Y.E.	Reported ALAE as of 12/31/20	\$500,000 Ultimate Indemnity	ALAE Factor	Additional ALAE	Ultimate ALAE
9/30/2018	61	2,852	0.109	311	372
9/30/2019	190	107,988	0.171	18,467	18,657
9/30/2020	0	277	0.248	69	69

(A) See Section E - Multistate Loss Development.

(B) See Section E - Statewide Loss Development.

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

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

WISCONSIN

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	0.2089
27 to 39 Months	0.2019
39 to 51 Months	0.1545
51 to 63 Months	0.1050
63 to 75 Months	0.1240
75 to 87 Months	0.0918
87 to 99 Months	0.0300
99 to 111 Months	0.0102
111 to 123 Months	0.0122
123 to 135 Months	0.0052
135 to 147 Months	0.0062
147 to 159 Months	0.0062
159 to 171 Months	0.0026
171 to Ultimate	A multistate ratio of 0.0000 has been used.

Cumulative Incremental Factors							
<u>Months-to-Ultimate</u>	<u>15</u>	<u>27</u>	<u>39</u>	<u>51</u>	<u>63</u>	<u>75</u>	<u>87</u>
	0.959	0.750	0.548	0.393	0.288	0.164	0.073
<u>Months-to-Ultimate</u>	<u>99</u>	<u>111</u>	<u>123</u>	<u>135</u>	<u>147</u>	<u>159</u>	<u>171</u>
	0.043	0.032	0.020	0.015	0.009	0.003	0.000

A.Y.E.	Reported ALAE as of 12/31/20	\$500,000 Ultimate Indemnity	ALAE Factor	Additional ALAE	Ultimate ALAE
9/30/2018	157,094	362,210	0.548	198,494	355,588
9/30/2019	25,502	329,638	0.750	247,229	272,731
9/30/2020	483	298,356	0.959	286,125	286,608

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

\$100,000 Basic Limit Losses as of:

A.Y.E.	15 Months	27 Months	39 Months	51 Months	63 Months	75 Months	87 Months	99 Months	111 Months	123 Months	135 Months
6/30/2001	1,334,202	1,722,471	2,244,162	2,342,361	2,233,042	2,192,041	2,197,041	2,112,041	2,112,041	2,113,041	2,112,041
6/30/2002	956,880	971,887	1,030,035	1,354,615	1,344,111	1,176,627	1,183,948	1,180,615	1,178,615	1,178,615	1,178,615
6/30/2003	772,959	1,318,502	1,841,158	1,970,673	1,782,282	1,666,782	1,572,782	1,583,782	1,583,782	1,583,782	1,583,782
6/30/2004	796,233	1,377,447	1,425,780	1,527,978	1,444,321	1,411,728	1,414,728	1,459,828	1,439,728	1,439,728	1,439,728
6/30/2005	1,416,202	1,894,967	1,748,165	1,622,083	1,537,374	1,572,113	1,550,872	1,550,872	1,550,872	1,550,872	1,550,872
6/30/2006	854,561	1,128,752	1,070,986	896,861	811,168	806,168	882,168	882,168	878,418	778,418	778,418
6/30/2007	1,295,688	1,948,571	1,602,012	1,655,986	1,604,796	1,604,296	1,629,296	1,629,296	1,629,296	1,629,296	1,629,296
6/30/2008	897,043	1,399,014	1,681,762	1,886,380	1,847,257	1,805,007	1,805,007	1,760,007	1,760,007	1,760,007	1,760,007
6/30/2009	1,070,722	946,409	1,437,006	1,416,163	1,417,143	1,252,143	1,203,621	1,203,621	1,203,621	1,204,621	1,208,323
6/30/2010	1,835,524	1,939,353	1,751,951	1,716,432	1,765,020	1,745,619	1,729,660	1,729,659	1,729,659	1,729,659	1,729,659
6/30/2011	804,616	1,039,400	1,289,063	1,453,155	1,300,655	1,390,655	1,501,801	1,466,801	1,466,801	1,466,801	
6/30/2012	831,944	1,127,597	1,639,601	1,776,675	1,494,860	1,390,110	1,390,110	1,390,110	1,370,110		
6/30/2013	866,079	1,341,158	1,366,475	1,430,605	1,568,947	1,548,191	1,607,359	1,607,359			
6/30/2014	1,243,353	1,754,602	1,671,536	1,566,404	1,757,574	1,757,574	1,802,574				
6/30/2015	1,396,950	1,403,012	1,120,183	1,292,657	1,262,157	1,260,897					
6/30/2016	873,097	1,300,732	1,538,428	1,413,561	1,291,687						
6/30/2017	495,241	910,606	782,228	1,295,843							
6/30/2018	789,839	1,114,453	1,266,071								
6/30/2019	597,431	769,342									
6/30/2020	664,655										

  

A.Y.E.	147 Months	159 Months	171 Months	183 Months	195 Months	207 Months	219 Months	231 Months	243 Months
6/30/2001	2,112,041	2,112,041	2,112,041	2,112,041	2,112,041	2,112,041	2,112,041	2,112,041	2,112,041
6/30/2002	1,178,615	1,178,615	1,178,615	1,190,265	1,190,265	1,190,265	1,190,265	1,190,265	
6/30/2003	1,583,782	1,583,782	1,583,782	1,583,782	1,583,782	1,583,782	1,583,782		
6/30/2004	1,439,728	1,439,728	1,439,728	1,439,728	1,439,728	1,439,728			
6/30/2005	1,550,872	1,550,872	1,550,872	1,550,872	1,550,872				
6/30/2006	778,418	778,418	778,418	778,418					
6/30/2007	1,629,296	1,629,296	1,629,296						
6/30/2008	1,760,007	1,760,007							
6/30/2009	1,215,823								

PREMISES/OPERATIONS (Subline Code 334)

MANUFACTURERS AND CONTRACTORS

FULL COVERAGE

WISCONSIN

BODILY INJURY - OCCURRENCE

INCURRED ACCIDENT YEAR BASIC LIMITS LOSS DEVELOPMENT EXCLUDING ALAE

Link Ratios

<u>A.Y.E.</u>	<u>27: 15</u>	<u>39: 27</u>	<u>51: 39</u>	<u>63: 51</u>	<u>75: 63</u>	<u>87: 75</u>	<u>99: 87</u>	<u>111: 99</u>	<u>123:111</u>	<u>135:123</u>	<u>147:135</u>
6/30/2001	1.291	1.303	1.044	0.953	0.982	1.002	0.961	1.000	1.000	1.000	1.000
6/30/2002	1.016	1.060	1.315	0.992	0.875	1.006	0.997	0.998	1.000	1.000	1.000
6/30/2003	1.706	1.396	1.070	0.904	0.935	0.944	1.007	1.000	1.000	1.000	1.000
6/30/2004	1.730	1.035	1.072	0.945	0.977	1.002	1.032	0.986	1.000	1.000	1.000
6/30/2005	1.338	0.923	0.928	0.948	1.023	0.986	1.000	1.000	1.000	1.000	1.000
6/30/2006	1.321	0.949	0.837	0.904	0.994	1.094	1.000	0.996	0.886	1.000	1.000
6/30/2007	1.504	0.822	1.034	0.969	1.000	1.016	1.000	1.000	1.000	1.000	1.000
6/30/2008	1.560	1.202	1.122	0.979	0.977	1.000	0.975	1.000	1.000	1.000	1.000
6/30/2009	0.884	1.518	0.985	1.001	0.884	0.961	1.000	1.000	1.001	1.003	1.006
6/30/2010	1.057	0.903	0.980	1.028	0.989	0.991	1.000	1.000	1.000	1.000	
6/30/2011	1.292	1.240	1.127	0.895	1.069	1.080	0.977	1.000	1.000		
6/30/2012	1.355	1.454	1.084	0.841	0.930	1.000	1.000	0.986			
6/30/2013	1.549	1.019	1.047	1.097	0.987	1.038	1.000				
6/30/2014	1.411	0.953	0.937	1.122	1.000	1.026					
6/30/2015	1.004	0.798	1.154	0.976	0.999						
6/30/2016	1.490	1.183	0.919	0.914							
6/30/2017	1.839	0.859	1.657								
6/30/2018	1.411	1.136									
6/30/2019	1.288										
3 Yr Mean	1.513	1.059	1.243	1.004	0.995	1.021	0.992	0.995	1.000	1.001	1.002
Best 3/5	1.396	0.983	1.046	0.996	0.995	1.021	1.000	1.000	1.000	1.000	1.000

<u>A.Y.E.</u>	<u>159:147</u>	<u>171:159</u>	<u>183:171</u>	<u>195:183</u>	<u>207:195</u>	<u>219:207</u>	<u>231:219</u>	<u>243:231</u>			
6/30/2001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000			
6/30/2002	1.000	1.000	1.010	1.000	1.000	1.000	1.000	1.000 *			
6/30/2003	1.000	1.000	1.000	1.000	1.000	1.000	1.000 *	1.000 *			
6/30/2004	1.000	1.000	1.000	1.000	1.000	1.000 *	1.000 *	1.000 *			
6/30/2005	1.000	1.000	1.000	1.000	1.000 *	1.000 *	1.000 *	1.000 *			
6/30/2006	1.000	1.000	1.000								
6/30/2007	1.000	1.000									
6/30/2008	1.000										
3 Yr Mean	1.000	1.000	1.000	1.000	1.000 @	1.000 @	1.000 @	1.000 @			
Best 3/5	1.000	1.000	1.000	1.000	1.000 *	1.000 *	1.000 *	1.000 *			

<u>A.Y.E.</u>	<u>15/ 27</u>	<u>27/ 39</u>	<u>39/ 51</u>	<u>51/ 63</u>	<u>63/ 75</u>	<u>75/ 87</u>	<u>87/ 99</u>	<u>99/111</u>	<u>111/123</u>	<u>123/135</u>	<u>135/147</u>
6/30/2016					0.995	1.021	1.000	1.000	1.000	1.000	1.000
6/30/2017				0.996	0.995	1.021	1.000	1.000	1.000	1.000	1.000
6/30/2018			1.046	0.996	0.995	1.021	1.000	1.000	1.000	1.000	1.000
6/30/2019		0.983	1.046	0.996	0.995	1.021	1.000	1.000	1.000	1.000	1.000
6/30/2020	1.396	0.983	1.046	0.996	0.995	1.021	1.000	1.000	1.000	1.000	1.000

<u>A.Y.E.</u>	<u>147/159</u>	<u>159/171</u>	<u>171/183</u>	<u>183/195</u>	<u>195/207</u>	<u>207/219</u>	<u>219/231</u>	<u>231/243</u>	<u>243/Ult</u>	<u>FACTORS</u>
6/30/2016	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000*	1.016
6/30/2017	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000*	1.012
6/30/2018	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000*	1.058
6/30/2019	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000*	1.040
6/30/2020	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000*	1.452

\* Calculated Using Modified Bondy Method

@ Three year mean Excludes Modified Bondy ratios

PREMISES/OPERATIONS (Subline Code 334)  
MANUFACTURERS AND CONTRACTORS  
FULL COVERAGE  
WISCONSIN  
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>
6/30/2001	131,968	135,424	342,838	642,851	836,478	866,688	883,115	865,202	865,202	872,702	865,202
6/30/2002	69,727	422,595	526,448	1,022,158	1,227,461	1,151,063	1,150,910	1,150,230	1,150,030	1,150,030	1,150,030
6/30/2003	99,177	424,299	681,687	868,462	1,067,761	1,133,119	1,162,610	1,184,662	1,184,662	1,184,662	1,184,662
6/30/2004	37,459	143,984	307,786	438,382	585,436	574,890	584,690	692,394	797,851	797,851	797,851
6/30/2005	131,852	164,955	318,394	532,662	853,305	951,306	964,739	976,281	1,009,969	1,056,761	1,056,761
6/30/2006	62,539	136,551	185,643	322,002	482,452	546,317	613,162	672,643	706,530	730,636	730,636
6/30/2007	65,070	295,421	1,227,703	2,506,605	3,366,368	3,505,049	3,505,049	3,505,049	3,505,049	3,505,049	3,505,049
6/30/2008	170,736	318,555	588,831	1,122,372	1,221,565	1,223,727	1,223,727	1,223,727	1,223,727	1,223,727	1,223,860
6/30/2009	26,994	118,119	246,960	418,297	494,444	515,180	502,364	502,364	502,364	503,840	509,799
6/30/2010	300,472	475,917	632,751	969,255	1,008,289	1,061,571	1,079,369	1,115,614	1,135,257	1,147,114	1,147,114
6/30/2011	97,187	270,628	528,944	765,446	763,141	873,121	967,369	980,373	1,059,817	1,059,817	
6/30/2012	35,216	234,537	344,499	582,300	647,922	744,886	751,985	777,796	770,873		
6/30/2013	98,461	158,264	358,189	484,641	587,787	713,895	747,101	748,481			
6/30/2014	979,258	1,172,255	1,493,503	954,540	1,437,378	1,090,019	1,050,845				
6/30/2015	92,560	168,265	270,958	374,246	416,743	459,972					
6/30/2016	173,051	337,596	584,421	710,539	864,436						
6/30/2017	58,905	184,703	419,821	1,760,450							
6/30/2018	64,437	161,293	252,680								
6/30/2019	56,153	160,010									
6/30/2020	159,527										

<u>A.Y.E.</u>	<u>147 Months</u>	<u>159 Months</u>	<u>171 Months</u>	<u>183 Months</u>	<u>195 Months</u>	<u>207 Months</u>	<u>219 Months</u>	<u>231 Months</u>	<u>243 Months</u>
6/30/2001	865,202	865,202	865,202	866,946	866,946	867,177	867,177	867,177	867,177
6/30/2002	1,150,030	1,150,030	1,180,030	1,166,805	1,187,830	1,187,830	1,187,830	1,187,830	
6/30/2003	1,184,662	1,184,662	1,184,662	1,184,662	1,184,662	1,184,662	1,184,662		
6/30/2004	797,851	797,851	797,851	797,851	797,851	797,851			
6/30/2005	1,056,761	1,056,761	1,056,761	1,056,761	1,056,761				
6/30/2006	730,636	730,636	730,636	730,636					
6/30/2007	3,505,913	3,516,221	3,516,235						
6/30/2008	1,224,493	1,224,493							
6/30/2009	512,164								

PREMISES/OPERATIONS (Subline Code 334)  
MANUFACTURERS AND CONTRACTORS  
FULL COVERAGE  
WISCONSIN  
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>
6/30/2001	3,456	207,414	300,013	193,627	30,210	16,427	-17,913	0	7,500	-7,500	0	0	0
6/30/2002	352,868	103,853	495,710	205,303	-76,398	-153	-680	-200	0	0	0	0	30,000
6/30/2003	325,122	257,388	186,775	199,299	65,358	29,491	22,052	0	0	0	0	0	0
6/30/2004	106,525	163,802	130,596	147,054	-10,546	9,800	107,704	105,457	0	0	0	0	0
6/30/2005	33,103	153,439	214,268	320,643	98,001	13,433	11,542	33,688	46,792	0	0	0	0
6/30/2006	74,012	49,092	136,359	160,450	63,865	66,845	59,481	33,887	24,106	0	0	0	0
6/30/2007	230,351	932,282	1,278,902	859,763	138,681	0	0	0	0	0	864	10,308	14
6/30/2008	147,819	270,276	533,541	99,193	2,162	0	0	0	0	133	633	0	
6/30/2009	91,125	128,841	171,337	76,147	20,736	-12,816	0	0	1,476	5,959	2,365		
6/30/2010	175,445	156,834	336,504	39,034	53,282	17,798	36,245	19,643	11,857	0			
6/30/2011	173,441	258,316	236,502	-2,305	109,980	94,248	13,004	79,444	0				
6/30/2012	199,321	109,962	237,801	65,622	96,964	7,099	25,811	-6,923					
6/30/2013	59,803	199,925	126,452	103,146	126,108	33,206	1,380						
6/30/2014	192,997	321,248	-538,963	482,838	-347,359	-39,174							
6/30/2015	75,705	102,693	103,288	42,497	43,229								
6/30/2016	164,545	246,825	126,118	153,897									
6/30/2017	125,798	235,118	1,340,629										
6/30/2018	96,856	91,387											
6/30/2019	103,857												

	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
6/30/2001	0.0012	0.0701	0.1014	0.0655	0.0102	0.0056	-0.0061	0.0000	0.0025	-0.0025	0.0000	0.0000	0.0000
6/30/2002	0.2306	0.0679	0.3239	0.1342	-0.0499	-0.0001	-0.0004	-0.0001	0.0000	0.0000	0.0000	0.0000	0.0196
6/30/2003	0.1323	0.1047	0.0760	0.0811	0.0266	0.0120	0.0090	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
6/30/2004	0.0526	0.0809	0.0645	0.0726	-0.0052	0.0048	0.0532	0.0521	0.0000	0.0000	0.0000	0.0000	0.0000
6/30/2005	0.0096	0.0447	0.0624	0.0933	0.0285	0.0039	0.0034	0.0098	0.0136	0.0000	0.0000	0.0000	0.0000
6/30/2006	0.0827	0.0549	0.1524	0.1793	0.0714	0.0747	0.0665	0.0379	0.0269	0.0000	0.0000	0.0000	0.0000
6/30/2007	0.0816	0.3301	0.4528	0.3044	0.0491	0.0000	0.0000	0.0000	0.0000	0.0000	0.0003	0.0036	0.0000
6/30/2008	0.0458	0.0837	0.1653	0.0307	0.0007	0.0000	0.0000	0.0000	0.0000	0.0000	0.0002	0.0000	
6/30/2009	0.0476	0.0673	0.0894	0.0397	0.0108	-0.0067	0.0000	0.0000	0.0008	0.0031	0.0012		
6/30/2010	0.0426	0.0381	0.0817	0.0095	0.0129	0.0043	0.0088	0.0048	0.0029	0.0000			
6/30/2011	0.0631	0.0940	0.0861	-0.0008	0.0400	0.0343	0.0047	0.0289	0.0000				
6/30/2012	0.0986	0.0544	0.1176	0.0325	0.0480	0.0035	0.0128	-0.0034					
6/30/2013	0.0207	0.0692	0.0438	0.0357	0.0436	0.0115	0.0005						
6/30/2014	0.0499	0.0831	-0.1395	0.1249	-0.0899	-0.0101							
6/30/2015	0.0507	0.0688	0.0692	0.0285	0.0290								
6/30/2016	0.0853	0.1280	0.0654	0.0798									
6/30/2017	0.0596	0.1114	0.6350										
6/30/2018	0.0437	0.0412											
6/30/2019	0.0512												

Best 3/5	0.0538	0.0878	0.0594	0.0493	0.0375	0.0064	0.0047	0.0016	0.0003	0.0000	0.0002	0.0000	0.0000
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PREMISES/OPERATIONS (Subline Code 334)  
MANUFACTURERS AND CONTRACTORS  
FULL COVERAGE  
WISCONSIN  
PROPERTY DAMAGE - OCCURRENCE  
INCURRED ACCIDENT YEAR BASIC LIMITS LOSS DEVELOPMENT EXCLUDING ALAE

\$100,000 Basic Limit Losses as of:

A.Y.E.	15 Months	27 Months	39 Months	51 Months	63 Months	75 Months	87 Months	99 Months	111 Months	123 Months	135 Months
6/30/2001	3,005,772	3,026,678	3,100,047	3,157,843	3,127,905	3,102,404	3,270,683	3,209,948	3,318,154	3,218,154	3,200,154
6/30/2002	1,529,853	1,785,834	2,012,275	1,938,579	2,028,287	1,915,783	1,909,908	1,940,408	1,929,977	1,929,977	1,979,977
6/30/2003	1,853,244	1,702,801	1,940,559	1,680,271	1,564,581	1,589,642	1,589,642	1,580,757	1,574,757	1,579,757	1,576,777
6/30/2004	2,444,789	2,296,880	2,330,454	2,326,049	2,296,386	2,305,846	2,300,846	2,300,846	2,300,846	2,300,846	2,300,846
6/30/2005	2,266,386	2,483,158	2,205,187	2,189,563	2,187,728	2,255,478	2,223,166	2,223,166	2,223,166	2,223,166	2,223,166
6/30/2006	2,529,456	2,222,287	2,309,375	2,317,528	2,344,747	2,434,994	2,454,394	2,452,394	2,447,394	2,447,394	2,447,394
6/30/2007	2,023,902	2,422,991	2,173,497	2,405,135	2,554,008	2,544,128	2,644,128	2,604,494	2,601,955	2,601,955	2,601,955
6/30/2008	3,076,316	3,195,139	3,278,734	3,375,174	3,370,174	3,407,170	3,399,761	3,393,132	3,393,132	3,393,132	3,393,132
6/30/2009	1,903,153	1,901,237	2,023,576	1,951,076	1,946,076	1,946,078	1,946,079	1,946,076	1,946,076	1,956,076	1,996,076
6/30/2010	1,548,529	1,547,622	1,623,642	1,711,330	1,722,085	1,717,861	1,781,390	1,729,247	1,729,247	1,729,247	1,743,803
6/30/2011	1,652,460	1,787,876	1,744,869	1,849,916	1,875,489	1,815,489	1,815,489	1,763,346	1,763,349	1,763,346	
6/30/2012	2,086,561	2,052,295	2,069,396	2,117,208	2,221,818	2,224,940	2,170,297	2,170,297	2,170,297		
6/30/2013	1,638,622	1,939,176	2,062,100	2,266,926	2,356,832	2,374,784	2,270,683	2,267,013			
6/30/2014	2,594,617	2,502,479	2,633,604	2,807,488	2,784,046	2,754,523	2,732,273				
6/30/2015	2,262,545	2,335,709	2,491,706	2,600,973	2,507,279	2,504,994					
6/30/2016	1,683,385	1,848,967	1,920,595	2,114,290	2,107,069						
6/30/2017	2,073,530	2,288,326	2,328,131	2,273,516							
6/30/2018	1,844,631	2,389,252	2,189,692								
6/30/2019	2,231,909	2,135,353									
6/30/2020	1,535,132										

  

A.Y.E.	147 Months	159 Months	171 Months	183 Months	195 Months	207 Months	219 Months	231 Months	243 Months
6/30/2001	3,200,154	3,200,154	3,200,154	3,200,154	3,200,154	3,200,154	3,200,154	3,200,154	3,200,154
6/30/2002	1,979,977	1,979,977	2,018,093	2,024,751	2,018,259	1,979,977	1,979,977	1,979,977	
6/30/2003	1,576,777	1,576,777	1,581,777	1,581,777	1,576,777	1,576,777	1,576,777		
6/30/2004	2,301,669	2,301,669	2,301,669	2,301,669	2,301,669	2,301,669			
6/30/2005	2,223,166	2,223,166	2,223,166	2,223,166	2,223,166				
6/30/2006	2,447,394	2,447,394	2,447,394	2,447,394					
6/30/2007	2,601,955	2,601,955	2,601,955						
6/30/2008	3,393,132	3,393,132							
6/30/2009	1,955,546								

PREMISES/OPERATIONS (Subline Code 334)

MANUFACTURERS AND CONTRACTORS

FULL COVERAGE

WISCONSIN

PROPERTY DAMAGE - OCCURRENCE

INCURRED ACCIDENT YEAR BASIC LIMITS LOSS DEVELOPMENT EXCLUDING ALAE

Link Ratios

<u>A.Y.E.</u>	<u>27: 15</u>	<u>39: 27</u>	<u>51: 39</u>	<u>63: 51</u>	<u>75: 63</u>	<u>87: 75</u>	<u>99: 87</u>	<u>111: 99</u>	<u>123:111</u>	<u>135:123</u>	<u>147:135</u>
6/30/2001	1.007	1.024	1.019	0.991	0.992	1.054	0.981	1.034	0.970	0.994	1.000
6/30/2002	1.167	1.127	0.963	1.046	0.945	0.997	1.016	0.995	1.000	1.026	1.000
6/30/2003	0.919	1.140	0.866	0.931	1.016	1.000	0.994	0.996	1.003	0.998	1.000
6/30/2004	0.940	1.015	0.998	0.987	1.004	0.998	1.000	1.000	1.000	1.000	1.000
6/30/2005	1.096	0.888	0.993	0.999	1.031	0.986	1.000	1.000	1.000	1.000	1.000
6/30/2006	0.879	1.039	1.004	1.012	1.038	1.008	0.999	0.998	1.000	1.000	1.000
6/30/2007	1.197	0.897	1.107	1.062	0.996	1.039	0.985	0.999	1.000	1.000	1.000
6/30/2008	1.039	1.026	1.029	0.999	1.011	0.998	0.998	1.000	1.000	1.000	1.000
6/30/2009	0.999	1.064	0.964	0.997	1.000	1.000	1.000	1.000	1.005	1.020	0.980
6/30/2010	0.999	1.049	1.054	1.006	0.998	1.037	0.971	1.000	1.000	1.008	
6/30/2011	1.082	0.976	1.060	1.014	0.968	1.000	0.971	1.000	1.000		
6/30/2012	0.984	1.008	1.023	1.049	1.001	0.975	1.000	1.000			
6/30/2013	1.183	1.063	1.099	1.040	1.008	0.956	0.998				
6/30/2014	0.964	1.052	1.066	0.992	0.989	0.992					
6/30/2015	1.032	1.067	1.044	0.964	0.999						
6/30/2016	1.098	1.039	1.101	0.997							
6/30/2017	1.104	1.017	0.977								
6/30/2018	1.295	0.916									
6/30/2019	0.957										
3 Yr Mean	1.119	0.991	1.041	0.984	0.999	0.974	0.990	1.000	1.002	1.009	0.993
Best 3/5	1.078	1.036	1.070	1.010	0.996	0.989	0.990	1.000	1.000	1.003	1.000

<u>A.Y.E.</u>	<u>159:147</u>	<u>171:159</u>	<u>183:171</u>	<u>195:183</u>	<u>207:195</u>	<u>219:207</u>	<u>231:219</u>	<u>243:231</u>			
6/30/2001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000			
6/30/2002	1.000	1.019	1.003	0.997	0.981	1.000	1.000	1.000 *			
6/30/2003	1.000	1.003	1.000	0.997	1.000	1.000	1.000 *	1.000 *			
6/30/2004	1.000	1.000	1.000	1.000	1.000	1.000 *	1.000 *	1.000 *			
6/30/2005	1.000	1.000	1.000	1.000	0.999 *	1.000 *	1.000 *	1.000 *			
6/30/2006	1.000	1.000	1.000								
6/30/2007	1.000	1.000									
6/30/2008	1.000										
3 Yr Mean	1.000	1.000	1.000	0.999	0.994 @	1.000 @	1.000 @	1.000 @			
Best 3/5	1.000	1.000	1.000	0.999	1.000 *	1.000 *	1.000 *	1.000 *			

<u>A.Y.E.</u>	<u>15/ 27</u>	<u>27/ 39</u>	<u>39/ 51</u>	<u>51/ 63</u>	<u>63/ 75</u>	<u>75/ 87</u>	<u>87/ 99</u>	<u>99/111</u>	<u>111/123</u>	<u>123/135</u>	<u>135/147</u>
6/30/2016					0.996	0.989	0.990	1.000	1.000	1.003	1.000
6/30/2017				1.010	0.996	0.989	0.990	1.000	1.000	1.003	1.000
6/30/2018			1.070	1.010	0.996	0.989	0.990	1.000	1.000	1.003	1.000
6/30/2019		1.036	1.070	1.010	0.996	0.989	0.990	1.000	1.000	1.003	1.000
6/30/2020	1.078	1.036	1.070	1.010	0.996	0.989	0.990	1.000	1.000	1.003	1.000

<u>A.Y.E.</u>	<u>147/159</u>	<u>159/171</u>	<u>171/183</u>	<u>183/195</u>	<u>195/207</u>	<u>207/219</u>	<u>219/231</u>	<u>231/243</u>	<u>243/Ult</u>	<u>FACTORS</u>
6/30/2016	1.000	1.000	1.000	0.999	1.000	1.000	1.000	1.000	1.000*	0.977
6/30/2017	1.000	1.000	1.000	0.999	1.000	1.000	1.000	1.000	1.000*	0.987
6/30/2018	1.000	1.000	1.000	0.999	1.000	1.000	1.000	1.000	1.000*	1.056
6/30/2019	1.000	1.000	1.000	0.999	1.000	1.000	1.000	1.000	1.000*	1.094
6/30/2020	1.000	1.000	1.000	0.999	1.000	1.000	1.000	1.000	1.000*	1.179

\* Calculated Using Modified Bondy Method

@ Three year mean Excludes Modified Bondy ratios

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

<u>A.Y.E.</u>	<u>15 Months</u>	<u>27 Months</u>	<u>39 Months</u>	<u>51 Months</u>	<u>63 Months</u>	<u>75 Months</u>	<u>87 Months</u>	<u>99 Months</u>	<u>111 Months</u>	<u>123 Months</u>	<u>135 Months</u>
6/30/2001	222,090	295,466	485,526	1,092,529	1,410,934	1,510,209	1,544,785	1,586,650	1,594,721	1,614,527	1,644,122
6/30/2002	126,511	88,144	219,407	357,458	484,298	521,252	616,248	762,089	761,889	761,889	768,830
6/30/2003	122,023	187,697	412,053	533,505	586,330	607,250	598,684	598,483	601,466	601,954	601,954
6/30/2004	201,917	233,713	339,152	648,659	763,742	789,888	793,882	793,882	793,882	793,882	797,124
6/30/2005	238,250	458,170	558,642	663,463	734,638	752,258	767,776	770,657	770,657	770,657	771,569
6/30/2006	224,938	251,306	429,942	548,966	667,861	694,157	694,157	699,157	694,157	694,157	694,157
6/30/2007	68,175	104,841	137,992	273,691	550,851	545,530	560,716	615,730	615,730	585,730	585,730
6/30/2008	170,586	273,120	323,636	366,714	495,406	826,101	954,243	954,243	954,969	955,019	1,129,798
6/30/2009	114,776	166,378	305,328	301,977	301,977	302,828	315,577	317,104	317,104	318,104	363,158
6/30/2010	114,563	251,708	357,977	475,197	820,984	941,126	1,157,199	1,257,048	1,296,917	1,330,696	1,349,275
6/30/2011	48,696	136,043	410,935	614,945	771,492	912,994	1,002,023	1,028,955	1,028,955	1,033,509	
6/30/2012	292,713	381,799	461,832	500,408	602,081	688,274	718,123	720,486	720,486		
6/30/2013	124,302	180,392	272,713	418,928	705,010	777,180	786,956	810,643			
6/30/2014	128,579	477,996	705,321	1,097,092	1,209,166	1,281,687	1,335,493				
6/30/2015	258,101	1,241,099	1,992,859	3,196,419	3,618,125	3,886,050					
6/30/2016	128,715	282,775	558,648	849,575	774,609						
6/30/2017	203,876	523,055	632,429	1,046,018							
6/30/2018	167,557	307,190	331,115								
6/30/2019	97,823	159,008									
6/30/2020	53,063										

<u>A.Y.E.</u>	<u>147 Months</u>	<u>159 Months</u>	<u>171 Months</u>	<u>183 Months</u>	<u>195 Months</u>	<u>207 Months</u>	<u>219 Months</u>	<u>231 Months</u>	<u>243 Months</u>
6/30/2001	1,644,122	1,644,122	1,644,348	1,645,942	1,645,942	1,645,942	1,645,942	1,645,942	1,645,942
6/30/2002	768,830	768,830	768,830	768,830	768,830	768,830	768,830	768,830	
6/30/2003	601,954	601,954	601,954	603,954	601,954	601,954	601,954		
6/30/2004	797,132	797,132	797,132	797,132	797,132	797,132			
6/30/2005	771,569	771,569	771,569	771,569	771,569				
6/30/2006	694,157	694,157	694,157	694,157					
6/30/2007	592,206	597,814	597,814						
6/30/2008	1,129,798	1,129,798							
6/30/2009	422,184								

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

	Increments												
A.Y.E.	<u>27: 15</u>	<u>39: 27</u>	<u>51: 39</u>	<u>63: 51</u>	<u>75: 63</u>	<u>87: 75</u>	<u>99: 87</u>	<u>111: 99</u>	<u>123: 111</u>	<u>135: 123</u>	<u>147: 135</u>	<u>159:147</u>	<u>171:159</u>
6/30/2001	73,376	190,060	607,003	318,405	99,275	34,576	41,865	8,071	19,806	29,595	0	0	226
6/30/2002	-38,367	131,263	138,051	126,840	36,954	94,996	145,841	-200	0	6,941	0	0	0
6/30/2003	65,674	224,356	121,452	52,825	20,920	-8,566	-201	2,983	488	0	0	0	0
6/30/2004	31,796	105,439	309,507	115,083	26,146	3,994	0	0	0	3,242	8	0	0
6/30/2005	219,920	100,472	104,821	71,175	17,620	15,518	2,881	0	0	912	0	0	0
6/30/2006	26,368	178,636	119,024	118,895	26,296	0	5,000	-5,000	0	0	0	0	0
6/30/2007	36,666	33,151	135,699	277,160	-5,321	15,186	55,014	0	-30,000	0	6,476	5,608	0
6/30/2008	102,534	50,516	43,078	128,692	330,695	128,142	0	726	50	174,779	0	0	
6/30/2009	51,602	138,950	-3,351	0	851	12,749	1,527	0	1,000	45,054	59,026		
6/30/2010	137,145	106,269	117,220	345,787	120,142	216,073	99,849	39,869	33,779	18,579			
6/30/2011	87,347	274,892	204,010	156,547	141,502	89,029	26,932	0	4,554				
6/30/2012	89,086	80,033	38,576	101,673	86,193	29,849	2,363	0					
6/30/2013	56,090	92,321	146,215	286,082	72,170	9,776	23,687						
6/30/2014	349,417	227,325	391,771	112,074	72,521	53,806							
6/30/2015	982,998	751,760	1,203,560	421,706	267,925								
6/30/2016	154,060	275,873	290,927	-74,966									
6/30/2017	319,179	109,374	413,589										
6/30/2018	139,633	23,925											
6/30/2019	61,185												

	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>
6/30/2001	0.0176	0.0455	0.1454	0.0763	0.0238	0.0083	0.0100	0.0019	0.0047	0.0071	0.0000	0.0000	0.0001
6/30/2002	-0.0159	0.0545	0.0573	0.0526	0.0153	0.0394	0.0605	-0.0001	0.0000	0.0029	0.0000	0.0000	0.0000
6/30/2003	0.0330	0.1128	0.0611	0.0266	0.0105	-0.0043	-0.0001	0.0015	0.0002	0.0000	0.0000	0.0000	0.0000
6/30/2004	0.0099	0.0327	0.0959	0.0357	0.0081	0.0012	0.0000	0.0000	0.0000	0.0010	0.0000	0.0000	0.0000
6/30/2005	0.0600	0.0274	0.0286	0.0194	0.0048	0.0042	0.0008	0.0000	0.0000	0.0002	0.0000	0.0000	0.0000
6/30/2006	0.0091	0.0617	0.0411	0.0411	0.0091	0.0000	0.0017	-0.0017	0.0000	0.0000	0.0000	0.0000	0.0000
6/30/2007	0.0112	0.0101	0.0415	0.0847	-0.0016	0.0046	0.0168	0.0000	-0.0092	0.0000	0.0020	0.0017	0.0000
6/30/2008	0.0225	0.0111	0.0094	0.0282	0.0725	0.0281	0.0000	0.0002	0.0000	0.0383	0.0000	0.0000	
6/30/2009	0.0257	0.0692	-0.0017	0.0000	0.0004	0.0063	0.0008	0.0000	0.0005	0.0224	0.0294		
6/30/2010	0.0597	0.0462	0.0510	0.1505	0.0523	0.0940	0.0434	0.0173	0.0147	0.0081			
6/30/2011	0.0356	0.1119	0.0831	0.0637	0.0576	0.0362	0.0110	0.0000	0.0019				
6/30/2012	0.0375	0.0337	0.0162	0.0428	0.0363	0.0126	0.0010	0.0000					
6/30/2013	0.0153	0.0252	0.0398	0.0779	0.0197	0.0027	0.0065						
6/30/2014	0.0898	0.0584	0.1007	0.0288	0.0186	0.0138							
6/30/2015	0.2613	0.1998	0.3199	0.1121	0.0712								
6/30/2016	0.0472	0.0846	0.0892	-0.0230									
6/30/2017	0.1153	0.0395	0.1494										
6/30/2018	0.0475	0.0081											
6/30/2019	0.0209												

Best 3/5	0.0700	0.0608	0.1131	0.0498	0.0378	0.0209	0.0061	0.0001	0.0008	0.0102	0.0007	0.0000	0.0000
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PREMISES/OPERATIONS (Subline Code 334)  
OWNERS, LANDLORDS AND TENANTS  
FULL COVERAGE  
WISCONSIN  
BODILY INJURY - OCCURRENCE  
INCURRED ACCIDENT YEAR BASIC LIMITS LOSS DEVELOPMENT EXCLUDING ALAE

\$100,000 Basic Limit Losses as of:											
A.Y.E.	15 Months	27 Months	39 Months	51 Months	63 Months	75 Months	87 Months	99 Months	111 Months	123 Months	135 Months
6/30/2001	4,514,921	5,393,110	6,054,948	6,281,407	5,942,313	5,619,340	5,622,773	5,602,442	5,607,182	5,607,182	5,612,182
6/30/2002	3,614,076	4,001,108	4,458,238	4,663,435	4,212,721	4,244,270	4,235,646	4,237,245	4,215,683	4,117,167	4,117,167
6/30/2003	3,420,174	3,307,208	3,475,439	3,967,974	3,859,725	3,785,603	3,738,902	3,702,402	3,702,159	3,756,419	3,731,929
6/30/2004	4,373,334	4,134,544	4,457,294	4,389,373	4,221,735	3,981,180	3,988,939	3,998,940	3,998,939	4,005,329	4,012,439
6/30/2005	4,260,071	4,088,077	3,959,190	4,022,531	3,850,876	3,855,514	3,905,742	3,915,280	3,915,280	3,915,280	3,915,280
6/30/2006	3,838,347	3,961,293	3,563,694	3,671,072	3,506,262	3,303,195	3,288,194	3,288,194	3,288,194	3,288,494	3,288,494
6/30/2007	4,399,956	5,066,354	4,407,423	4,497,496	4,268,781	4,370,822	4,343,394	4,276,746	4,242,670	4,324,670	4,224,670
6/30/2008	5,488,950	4,826,850	4,557,137	4,281,913	4,195,453	4,069,873	4,062,612	4,062,612	4,062,612	4,062,612	4,062,612
6/30/2009	4,856,212	3,529,824	3,664,882	3,434,332	3,415,383	3,420,383	3,412,533	3,490,033	3,495,033	3,472,533	3,472,533
6/30/2010	5,127,064	4,366,180	3,767,626	3,665,125	3,593,558	3,472,648	3,472,647	3,472,647	3,447,647	3,447,647	3,422,647
6/30/2011	5,805,450	5,617,570	5,668,754	5,672,610	5,424,891	5,262,269	5,266,956	5,212,689	5,178,519	5,178,519	
6/30/2012	4,823,297	4,965,167	4,827,128	4,475,598	4,237,102	4,145,913	4,084,613	4,074,671	4,074,671		
6/30/2013	5,186,668	5,741,998	5,767,101	5,650,260	5,366,065	5,523,833	5,525,763	5,525,763			
6/30/2014	5,271,414	4,214,227	4,120,771	4,182,496	4,131,399	3,941,501	3,941,498				
6/30/2015	4,304,141	3,497,308	3,849,624	3,928,318	3,560,457	3,331,683					
6/30/2016	3,866,987	3,729,330	4,160,119	4,074,770	3,934,303						
6/30/2017	3,671,695	4,165,576	4,421,122	4,452,204							
6/30/2018	4,426,094	4,365,203	4,637,414								
6/30/2019	3,819,294	3,868,658									
6/30/2020	2,599,085										

  

A.Y.E.	147 Months	159 Months	171 Months	183 Months	195 Months	207 Months	219 Months	231 Months	243 Months
6/30/2001	5,612,182	5,612,182	5,612,182	5,612,182	5,608,784	5,608,784	5,608,784	5,608,784	5,608,784
6/30/2002	4,116,817	4,116,817	4,116,817	4,116,817	4,116,817	4,116,817	4,116,817	4,116,817	
6/30/2003	3,756,929	3,720,679	3,720,679	3,720,679	3,720,679	3,720,679	3,720,679		
6/30/2004	4,033,028	4,027,439	4,027,439	4,027,439	4,027,439	4,027,439			
6/30/2005	3,915,280	3,915,280	3,915,280	3,915,280	3,915,280				
6/30/2006	3,288,494	3,288,494	3,288,494	3,288,494					
6/30/2007	4,226,170	4,226,170	4,226,170						
6/30/2008	4,062,612	4,062,612							
6/30/2009	3,472,533								

PREMISES/OPERATIONS (Subline Code 334)

OWNERS, LANDLORDS AND TENANTS

FULL COVERAGE

WISCONSIN

BODILY INJURY - OCCURRENCE

INCURRED ACCIDENT YEAR BASIC LIMITS LOSS DEVELOPMENT EXCLUDING ALAE

Link Ratios

<u>A.Y.E.</u>	<u>27: 15</u>	<u>39: 27</u>	<u>51: 39</u>	<u>63: 51</u>	<u>75: 63</u>	<u>87: 75</u>	<u>99: 87</u>	<u>111: 99</u>	<u>123:111</u>	<u>135:123</u>	<u>147:135</u>
6/30/2001	1.195	1.123	1.037	0.946	0.946	1.001	0.996	1.001	1.000	1.001	1.000
6/30/2002	1.107	1.114	1.046	0.903	1.007	0.998	1.000	0.995	0.977	1.000	1.000
6/30/2003	0.967	1.051	1.142	0.973	0.981	0.988	0.990	1.000	1.015	0.993	1.007
6/30/2004	0.945	1.078	0.985	0.962	0.943	1.002	1.003	1.000	1.002	1.002	1.005
6/30/2005	0.960	0.968	1.016	0.957	1.001	1.013	1.002	1.000	1.000	1.000	1.000
6/30/2006	1.032	0.900	1.030	0.955	0.942	0.995	1.000	1.000	1.000	1.000	1.000
6/30/2007	1.151	0.870	1.020	0.949	1.024	0.994	0.985	0.992	1.019	0.977	1.000
6/30/2008	0.879	0.944	0.940	0.980	0.970	0.998	1.000	1.000	1.000	1.000	1.000
6/30/2009	0.727	1.038	0.937	0.994	1.001	0.998	1.023	1.001	0.994	1.000	1.000
6/30/2010	0.852	0.863	0.973	0.980	0.966	1.000	1.000	0.993	1.000	0.993	
6/30/2011	0.968	1.009	1.001	0.956	0.970	1.001	0.990	0.993	1.000		
6/30/2012	1.029	0.972	0.927	0.947	0.978	0.985	0.998	1.000			
6/30/2013	1.107	1.004	0.980	0.950	1.029	1.000	1.000				
6/30/2014	0.799	0.978	1.015	0.988	0.954	1.000					
6/30/2015	0.813	1.101	1.020	0.906	0.936						
6/30/2016	0.964	1.116	0.979	0.966							
6/30/2017	1.135	1.061	1.007								
6/30/2018	0.986	1.062									
6/30/2019	1.013										
3 Yr Mean	1.045	1.080	1.002	0.953	0.973	0.995	0.996	0.995	0.998	0.998	1.000
Best 3/5	0.988	1.075	1.001	0.954	0.967	1.000	0.999	0.998	1.000	0.998	1.000

<u>A.Y.E.</u>	<u>159:147</u>	<u>171:159</u>	<u>183:171</u>	<u>195:183</u>	<u>207:195</u>	<u>219:207</u>	<u>231:219</u>	<u>243:231</u>			
6/30/2001	1.000	1.000	1.000	0.999	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	0.990	1.000	1.000	1.000	1.000	1.000	1.000 *	1.000 *			
6/30/2004	0.999	1.000	1.000	1.000	1.000	1.000 *	1.000 *	1.000 *			
6/30/2005	1.000	1.000	1.000	1.000	1.000 *	1.000 *	1.000 *	1.000 *			
6/30/2006	1.000	1.000	1.000								
6/30/2007	1.000	1.000									
6/30/2008	1.000										
3 Yr Mean	1.000	1.000	1.000	1.000	1.000 @	1.000 @	1.000 @	1.000 @			
Best 3/5	1.000	1.000	1.000	1.000	1.000 *	1.000 *	1.000 *	1.000 *			

<u>A.Y.E.</u>	<u>15/ 27</u>	<u>27/ 39</u>	<u>39/ 51</u>	<u>51/ 63</u>	<u>63/ 75</u>	<u>75/ 87</u>	<u>87/ 99</u>	<u>99/111</u>	<u>111/123</u>	<u>123/135</u>	<u>135/147</u>
6/30/2016					0.967	1.000	0.999	0.998	1.000	0.998	1.000
6/30/2017				0.954	0.967	1.000	0.999	0.998	1.000	0.998	1.000
6/30/2018			1.001	0.954	0.967	1.000	0.999	0.998	1.000	0.998	1.000
6/30/2019		1.075	1.001	0.954	0.967	1.000	0.999	0.998	1.000	0.998	1.000
6/30/2020	0.988	1.075	1.001	0.954	0.967	1.000	0.999	0.998	1.000	0.998	1.000

<u>A.Y.E.</u>	<u>147/159</u>	<u>159/171</u>	<u>171/183</u>	<u>183/195</u>	<u>195/207</u>	<u>207/219</u>	<u>219/231</u>	<u>231/243</u>	<u>243/Ult</u>	<u>FACTORS</u>
6/30/2016	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000*	0.962
6/30/2017	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000*	0.918
6/30/2018	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000*	0.919
6/30/2019	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000*	0.988
6/30/2020	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000*	0.976

\* Calculated Using Modified Bondy Method

@ Three year mean Excludes Modified Bondy ratios

PREMISES/OPERATIONS (Subline Code 334)  
OWNERS, LANDLORDS AND TENANTS  
FULL COVERAGE  
WISCONSIN  
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>
6/30/2001	431,386	791,102	1,510,463	2,262,440	2,511,897	2,612,829	2,625,831	2,638,787	2,631,814	2,631,814	2,631,814
6/30/2002	360,447	481,580	1,260,677	2,211,008	3,694,124	3,989,345	4,597,448	4,644,563	4,642,566	4,470,658	4,470,658
6/30/2003	272,221	355,120	524,321	855,755	993,431	948,808	943,752	902,774	905,737	922,790	918,423
6/30/2004	341,836	418,394	904,185	1,175,084	1,583,504	1,678,154	1,678,981	1,706,890	1,697,478	1,741,722	1,732,478
6/30/2005	153,907	554,871	680,414	834,016	1,050,088	1,180,073	1,183,484	1,183,234	1,183,234	1,183,234	1,183,234
6/30/2006	231,992	484,565	725,482	925,138	1,010,710	1,016,447	960,659	960,560	959,592	959,592	959,592
6/30/2007	331,309	537,014	885,558	1,000,595	1,293,312	1,524,531	1,763,956	1,863,300	1,929,364	1,937,710	1,972,211
6/30/2008	370,872	485,224	1,025,747	1,251,225	1,526,474	1,513,979	1,509,624	1,508,598	1,508,598	1,508,598	1,508,598
6/30/2009	254,670	402,213	650,662	795,218	965,775	992,672	1,088,023	1,088,422	1,242,375	968,508	968,508
6/30/2010	420,960	610,392	824,438	1,350,002	1,552,216	1,599,606	1,592,192	1,592,192	1,592,192	1,592,192	1,592,192
6/30/2011	303,008	788,243	1,059,121	1,537,853	1,933,338	1,924,043	1,966,617	1,974,115	1,977,594	1,977,594	
6/30/2012	336,062	449,732	912,061	1,100,918	1,182,068	1,686,567	1,280,917	1,281,109	1,281,109		
6/30/2013	562,954	1,063,484	1,891,595	2,890,959	3,299,334	3,577,611	3,812,422	3,734,568			
6/30/2014	365,735	650,178	992,266	1,255,518	1,461,239	1,561,775	1,577,060				
6/30/2015	283,056	382,594	784,151	991,502	1,348,254	1,257,380					
6/30/2016	380,840	967,941	1,216,943	1,692,299	1,768,787						
6/30/2017	215,895	450,576	913,204	1,387,479							
6/30/2018	170,585	410,983	770,514								
6/30/2019	176,539	342,079									
6/30/2020	196,740										

<u>A.Y.E.</u>	<u>147 Months</u>	<u>159 Months</u>	<u>171 Months</u>	<u>183 Months</u>	<u>195 Months</u>	<u>207 Months</u>	<u>219 Months</u>	<u>231 Months</u>	<u>243 Months</u>
6/30/2001	2,631,814	2,631,814	2,631,814	2,631,814	2,631,814	2,631,814	2,631,814	2,636,972	2,639,952
6/30/2002	4,472,807	4,472,807	4,472,807	4,472,807	4,472,807	4,472,807	4,472,807	4,472,807	
6/30/2003	918,423	918,423	918,423	918,423	918,423	918,423	918,423		
6/30/2004	1,736,405	1,752,838	1,752,888	1,752,888	1,752,888	1,752,888			
6/30/2005	1,183,234	1,183,234	1,183,234	1,183,234	1,183,234				
6/30/2006	959,592	959,592	959,592	959,592					
6/30/2007	1,972,211	1,972,211	1,972,211						
6/30/2008	1,508,598	1,508,598							
6/30/2009	968,508								

PREMISES/OPERATIONS (Subline Code 334)  
OWNERS, LANDLORDS AND TENANTS  
FULL COVERAGE  
WISCONSIN  
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>
6/30/2001	359,716	719,361	751,977	249,457	100,932	13,002	12,956	-6,973	0	0	0	0	0
6/30/2002	121,133	779,097	950,331	1,483,116	295,221	608,103	47,115	-1,997	-171,908	0	2,149	0	0
6/30/2003	82,899	169,201	331,434	137,676	-44,623	-5,056	-40,978	2,963	17,053	-4,367	0	0	0
6/30/2004	76,558	485,791	270,899	408,420	94,650	827	27,909	-9,412	44,244	-9,244	3,927	16,433	50
6/30/2005	400,964	125,543	153,602	216,072	129,985	3,411	-250	0	0	0	0	0	0
6/30/2006	252,573	240,917	199,656	85,572	5,737	-55,788	-99	-968	0	0	0	0	0
6/30/2007	205,705	348,544	115,037	292,717	231,219	239,425	99,344	66,064	8,346	34,501	0	0	0
6/30/2008	114,352	540,523	225,478	275,249	-12,495	-4,355	-1,026	0	0	0	0	0	0
6/30/2009	147,543	248,449	144,556	170,557	26,897	95,351	399	153,953	-273,867	0	0	0	0
6/30/2010	189,432	214,046	525,564	202,214	47,390	-7,414	0	0	0	0	0	0	0
6/30/2011	485,235	270,878	478,732	395,485	-9,295	42,574	7,498	3,479	0	0	0	0	0
6/30/2012	113,670	462,329	188,857	81,150	504,499	-405,650	192	0	0	0	0	0	0
6/30/2013	500,530	828,111	999,364	408,375	278,277	234,811	-77,854	0	0	0	0	0	0
6/30/2014	284,443	342,088	263,252	205,721	100,536	15,285	0	0	0	0	0	0	0
6/30/2015	99,538	401,557	207,351	356,752	-90,874	0	0	0	0	0	0	0	0
6/30/2016	587,101	249,002	475,356	76,488	0	0	0	0	0	0	0	0	0
6/30/2017	234,681	462,628	474,275	0	0	0	0	0	0	0	0	0	0
6/30/2018	240,398	359,531	0	0	0	0	0	0	0	0	0	0	0
6/30/2019	165,540	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>
6/30/2001	0.0537	0.1074	0.1123	0.0372	0.0151	0.0019	0.0019	-0.0010	0.0000	0.0000	0.0000	0.0000	0.0000
6/30/2002	0.0203	0.1306	0.1592	0.2485	0.0495	0.1019	0.0079	-0.0003	-0.0288	0.0000	0.0004	0.0000	0.0000
6/30/2003	0.0167	0.0341	0.0668	0.0277	-0.0090	-0.0010	-0.0083	0.0006	0.0034	-0.0009	0.0000	0.0000	0.0000
6/30/2004	0.0151	0.0958	0.0534	0.0806	0.0187	0.0002	0.0055	-0.0019	0.0087	-0.0018	0.0008	0.0032	0.0000
6/30/2005	0.0713	0.0223	0.0273	0.0384	0.0231	0.0006	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
6/30/2006	0.0601	0.0573	0.0475	0.0203	0.0014	-0.0133	0.0000	-0.0002	0.0000	0.0000	0.0000	0.0000	0.0000
6/30/2007	0.0407	0.0689	0.0228	0.0579	0.0457	0.0473	0.0196	0.0131	0.0017	0.0068	0.0000	0.0000	0.0000
6/30/2008	0.0228	0.1080	0.0450	0.0550	-0.0025	-0.0009	-0.0002	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
6/30/2009	0.0324	0.0545	0.0317	0.0374	0.0059	0.0209	0.0001	0.0338	-0.0601	0.0000	0.0000		
6/30/2010	0.0423	0.0477	0.1172	0.0451	0.0106	-0.0017	0.0000	0.0000	0.0000	0.0000			
6/30/2011	0.0609	0.0340	0.0601	0.0496	-0.0012	0.0053	0.0009	0.0004	0.0000				
6/30/2012	0.0199	0.0809	0.0330	0.0142	0.0883	-0.0710	0.0000	0.0000					
6/30/2013	0.0571	0.0945	0.1140	0.0466	0.0317	0.0268	-0.0089						
6/30/2014	0.0591	0.0710	0.0547	0.0427	0.0209	0.0032							
6/30/2015	0.0209	0.0842	0.0435	0.0748	-0.0191								
6/30/2016	0.0853	0.0362	0.0691	0.0111									
6/30/2017	0.0329	0.0649	0.0666										
6/30/2018	0.0408	0.0610											
6/30/2019	0.0246												

Best 3/5	0.0328	0.0656	0.0634	0.0345	0.0172	0.0023	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000
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PREMISES/OPERATIONS (Subline Code 334)  
OWNERS, LANDLORDS AND TENANTS  
FULL COVERAGE  
WISCONSIN  
PROPERTY DAMAGE - OCCURRENCE  
INCURRED ACCIDENT YEAR BASIC LIMITS LOSS DEVELOPMENT EXCLUDING ALAE

\$100,000 Basic Limit Losses as of:											
A.Y.E.	15 Months	27 Months	39 Months	51 Months	63 Months	75 Months	87 Months	99 Months	111 Months	123 Months	135 Months
6/30/2001	1,461,635	1,151,634	1,063,548	1,107,166	1,093,023	1,091,390	1,091,140	1,091,140	1,091,140	1,091,140	1,091,140
6/30/2002	583,198	645,983	592,754	624,137	455,917	654,115	614,115	614,115	614,115	614,115	614,115
6/30/2003	506,715	460,905	381,993	373,609	459,451	486,651	462,651	462,651	462,651	462,651	467,651
6/30/2004	624,349	446,678	410,995	519,594	515,243	470,395	470,395	470,395	470,395	470,395	470,395
6/30/2005	379,806	340,139	307,910	319,457	307,047	307,047	307,047	307,047	307,047	307,047	307,047
6/30/2006	688,857	590,805	640,440	697,121	576,431	586,010	585,913	585,913	585,913	585,913	585,913
6/30/2007	498,058	494,199	522,645	472,854	473,604	468,572	468,572	468,572	468,572	468,572	465,127
6/30/2008	695,790	623,868	533,399	491,024	490,523	490,523	481,758	481,758	481,758	481,758	581,897
6/30/2009	536,247	510,294	497,106	463,060	481,260	483,485	483,485	483,485	483,485	483,485	483,485
6/30/2010	440,047	413,170	418,360	502,849	509,866	510,114	508,994	508,994	508,994	508,994	508,994
6/30/2011	995,061	1,015,855	1,008,788	930,015	899,865	899,865	899,865	899,865	899,865	899,865	
6/30/2012	839,231	794,604	819,612	819,512	762,734	762,734	762,734	762,734	762,734		
6/30/2013	651,599	636,500	593,169	558,169	558,169	558,169	558,169	558,169			
6/30/2014	612,788	663,550	548,985	540,279	548,279	532,271	532,271				
6/30/2015	904,643	853,130	696,210	804,832	784,832						
6/30/2016	391,027	371,195	439,238	349,795	349,795						
6/30/2017	474,707	469,375	423,375	444,947							
6/30/2018	730,891	690,161	751,624								
6/30/2019	873,000	835,084									
6/30/2020	437,946										

  

A.Y.E.	147 Months	159 Months	171 Months	183 Months	195 Months	207 Months	219 Months	231 Months	243 Months
6/30/2001	1,091,140	1,091,140	1,091,140	1,091,140	1,091,140	1,091,140	1,091,140	1,091,140	1,091,140
6/30/2002	614,115	614,115	614,115	614,115	614,115	614,115	614,115	614,115	
6/30/2003	467,651	467,651	467,651	467,651	467,651	467,651	467,651		
6/30/2004	470,396	470,396	470,395	470,395	470,395	470,395			
6/30/2005	307,047	307,047	307,047	307,047	307,047				
6/30/2006	585,913	586,907	586,907	586,907					
6/30/2007	465,127	465,127	465,127						
6/30/2008	581,897	581,897							
6/30/2009	483,485								

PREMISES/OPERATIONS (Subline Code 334)

OWNERS, LANDLORDS AND TENANTS

FULL COVERAGE

WISCONSIN

PROPERTY DAMAGE - OCCURRENCE

INCURRED ACCIDENT YEAR BASIC LIMITS LOSS DEVELOPMENT EXCLUDING ALAE

Link Ratios

<u>A.Y.E.</u>	<u>27: 15</u>	<u>39: 27</u>	<u>51: 39</u>	<u>63: 51</u>	<u>75: 63</u>	<u>87: 75</u>	<u>99: 87</u>	<u>111: 99</u>	<u>123:111</u>	<u>135:123</u>	<u>147:135</u>
6/30/2001	0.788	0.924	1.041	0.987	0.999	1.000	1.000	1.000	1.000	1.000	1.000
6/30/2002	1.108	0.918	1.053	0.730	1.435	0.939	1.000	1.000	1.000	1.000	1.000
6/30/2003	0.910	0.829	0.978	1.230	1.059	0.951	1.000	1.000	1.000	1.011	1.000
6/30/2004	0.715	0.920	1.264	0.992	0.913	1.000	1.000	1.000	1.000	1.000	1.000
6/30/2005	0.896	0.905	1.038	0.961	1.000	1.000	1.000	1.000	1.000	1.000	1.000
6/30/2006	0.858	1.084	1.089	0.827	1.017	1.000	1.000	1.000	1.000	1.000	1.000
6/30/2007	0.992	1.058	0.905	1.002	0.989	1.000	1.000	1.000	1.000	0.993	1.000
6/30/2008	0.897	0.855	0.921	0.999	1.000	0.982	1.000	1.000	1.000	1.208	1.000
6/30/2009	0.952	0.974	0.932	1.039	1.005	1.000	1.000	1.000	1.000	1.000	1.000
6/30/2010	0.939	1.013	1.202	1.014	1.000	0.998	1.000	1.000	1.000	1.000	1.000
6/30/2011	1.021	0.993	0.922	0.968	1.000	1.000	1.000	1.000	1.000		
6/30/2012	0.947	1.031	1.000	0.931	1.000	1.000	1.000	1.000			
6/30/2013	0.977	0.932	0.941	1.000	1.000	1.000	1.000				
6/30/2014	1.083	0.827	0.984	1.015	0.971	1.000					
6/30/2015	0.943	0.816	1.156	0.975	1.000						
6/30/2016	0.949	1.183	0.796	1.000							
6/30/2017	0.989	0.902	1.051								
6/30/2018	0.944	1.089									
6/30/2019	0.957										

3 Yr Mean	0.963	1.058	1.001	0.997	0.990	1.000	1.000	1.000	1.000	1.069	1.000
Best 3/5	0.950	0.939	0.992	0.992	1.000	1.000	1.000	1.000	1.000	1.000	1.000

<u>A.Y.E.</u>	<u>159:147</u>	<u>171:159</u>	<u>183:171</u>	<u>195:183</u>	<u>207:195</u>	<u>219:207</u>	<u>231:219</u>	<u>243:231</u>			
6/30/2001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000			
6/30/2002	1.000	1.000	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	1.000	1.000	1.000	1.000	1.000 *	1.000 *	1.000 *			
6/30/2005	1.000	1.000	1.000	1.000	1.000 *	1.000 *	1.000 *	1.000 *			
6/30/2006	1.002	1.000	1.000								
6/30/2007	1.000	1.000									
6/30/2008	1.000										

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

Development From

<u>A.Y.E.</u>	<u>15/ 27</u>	<u>27/ 39</u>	<u>39/ 51</u>	<u>51/ 63</u>	<u>63/ 75</u>	<u>75/ 87</u>	<u>87/ 99</u>	<u>99/111</u>	<u>111/123</u>	<u>123/135</u>	<u>135/147</u>
6/30/2016					1.000	1.000	1.000	1.000	1.000	1.000	1.000
6/30/2017				0.992	1.000	1.000	1.000	1.000	1.000	1.000	1.000
6/30/2018			0.992	0.992	1.000	1.000	1.000	1.000	1.000	1.000	1.000
6/30/2019		0.939	0.992	0.992	1.000	1.000	1.000	1.000	1.000	1.000	1.000
6/30/2020	0.950	0.939	0.992	0.992	1.000	1.000	1.000	1.000	1.000	1.000	1.000

<u>A.Y.E.</u>	<u>147/159</u>	<u>159/171</u>	<u>171/183</u>	<u>183/195</u>	<u>195/207</u>	<u>207/219</u>	<u>219/231</u>	<u>231/243</u>	<u>243/Ult</u>	<u>FACTORS</u>
6/30/2016	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000*	1.000
6/30/2017	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000*	0.992
6/30/2018	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000*	0.984
6/30/2019	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000*	0.924
6/30/2020	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000*	0.878

\* Calculated Using Modified Bondy Method

@ Three year mean Excludes Modified Bondy ratios

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

A.Y.E.	<u>15 Months</u>	<u>27 Months</u>	<u>39 Months</u>	<u>51 Months</u>	<u>63 Months</u>	<u>75 Months</u>	<u>87 Months</u>	<u>99 Months</u>	<u>111 Months</u>	<u>123 Months</u>	<u>135 Months</u>
6/30/2001	63,125	164,585	307,863	212,196	261,216	265,711	265,432	265,432	265,432	265,432	265,432
6/30/2002	22,940	33,157	37,444	121,306	162,565	202,020	194,839	194,839	194,839	194,839	194,839
6/30/2003	33,837	69,962	45,498	42,301	44,194	44,194	48,052	48,052	48,052	48,052	53,052
6/30/2004	42,689	73,036	86,733	87,525	90,777	91,596	91,596	91,596	91,596	91,596	91,596
6/30/2005	32,469	69,480	58,771	52,467	53,124	53,124	53,124	53,124	53,124	53,124	53,124
6/30/2006	30,222	54,360	63,132	85,784	104,935	106,649	110,491	110,491	110,491	110,491	110,491
6/30/2007	12,912	28,075	96,391	101,984	116,984	140,085	140,085	140,085	140,085	140,085	140,085
6/30/2008	39,429	97,651	115,136	117,159	117,159	117,159	117,159	117,159	117,159	117,159	125,583
6/30/2009	15,391	51,323	79,277	83,027	92,156	93,843	93,843	93,843	93,843	93,843	93,843
6/30/2010	36,112	34,780	28,617	58,485	65,435	66,799	66,799	66,799	66,799	66,799	66,799
6/30/2011	164,867	429,869	178,380	179,068	179,068	179,068	179,068	179,068	179,068	179,068	
6/30/2012	83,089	103,053	108,385	147,799	152,009	152,259	152,509	152,509	152,509		
6/30/2013	68,119	75,481	72,655	73,868	74,084	74,084	74,084	74,084			
6/30/2014	36,348	60,905	110,588	104,439	120,610	143,695	156,383				
6/30/2015	118,676	99,327	101,512	134,386	114,734	114,734					
6/30/2016	19,514	55,537	82,664	67,974	69,340						
6/30/2017	42,057	85,193	69,942	70,062							
6/30/2018	35,855	191,158	346,253								
6/30/2019	44,137	81,904									
6/30/2020	25,990										

A.Y.E.	<u>147 Months</u>	<u>159 Months</u>	<u>171 Months</u>	<u>183 Months</u>	<u>195 Months</u>	<u>207 Months</u>	<u>219 Months</u>	<u>231 Months</u>	<u>243 Months</u>
6/30/2001	265,432	265,432	265,432	265,432	265,432	265,432	265,432	265,432	265,432
6/30/2002	194,839	194,839	194,839	194,839	194,839	194,839	194,839	194,839	
6/30/2003	53,052	53,052	53,052	53,052	53,052	53,052	53,052		
6/30/2004	91,597	91,597	91,596	91,596	91,596	91,596			
6/30/2005	53,124	53,124	53,124	53,124	53,124				
6/30/2006	110,491	110,491	110,491	110,491					
6/30/2007	140,085	140,085	140,085						
6/30/2008	194,605	246,965							
6/30/2009	93,843								

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

	Increments												
<u>A.Y.E.</u>	<u>27: 15</u>	<u>39: 27</u>	<u>51: 39</u>	<u>63: 51</u>	<u>75: 63</u>	<u>87: 75</u>	<u>99: 87</u>	<u>111: 99</u>	<u>123: 111</u>	<u>135: 123</u>	<u>147: 135</u>	<u>159:147</u>	<u>171:159</u>
6/30/2001	101,460	143,278	-95,667	49,020	4,495	-279	0	0	0	0	0	0	0
6/30/2002	10,217	4,287	83,862	41,259	39,455	-7,181	0	0	0	0	0	0	0
6/30/2003	36,125	-24,464	-3,197	1,893	0	3,858	0	0	0	5,000	0	0	0
6/30/2004	30,347	13,697	792	3,252	819	0	0	0	0	0	1	0	-1
6/30/2005	37,011	-10,709	-6,304	657	0	0	0	0	0	0	0	0	0
6/30/2006	24,138	8,772	22,652	19,151	1,714	3,842	0	0	0	0	0	0	0
6/30/2007	15,163	68,316	5,593	15,000	23,101	0	0	0	0	0	0	0	0
6/30/2008	58,222	17,485	2,023	0	0	0	0	0	0	8,424	69,022	52,360	
6/30/2009	35,932	27,954	3,750	9,129	1,687	0	0	0	0	0	0		
6/30/2010	-1,332	-6,163	29,868	6,950	1,364	0	0	0	0	0			
6/30/2011	265,002	-251,489	688	0	0	0	0	0	0				
6/30/2012	19,964	5,332	39,414	4,210	250	250	0	0					
6/30/2013	7,362	-2,826	1,213	216	0	0	0						
6/30/2014	24,557	49,683	-6,149	16,171	23,085	12,688							
6/30/2015	-19,349	2,185	32,874	-19,652	0								
6/30/2016	36,023	27,127	-14,690	1,366									
6/30/2017	43,136	-15,251	120										
6/30/2018	155,303	155,095											
6/30/2019	37,767												

	Incremental Percentages												
<u>A.Y.E.</u>	<u>27: 15</u>	<u>39: 27</u>	<u>51: 39</u>	<u>63: 51</u>	<u>75: 63</u>	<u>87: 75</u>	<u>99: 87</u>	<u>111: 99</u>	<u>123: 111</u>	<u>135: 123</u>	<u>147: 135</u>	<u>159:147</u>	<u>171:159</u>
6/30/2001	0.0895	0.1265	-0.0844	0.0433	0.0040	-0.0002	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
6/30/2002	0.0166	0.0070	0.1366	0.0672	0.0642	-0.0117	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
6/30/2003	0.0772	-0.0523	-0.0068	0.0040	0.0000	0.0082	0.0000	0.0000	0.0000	0.0107	0.0000	0.0000	0.0000
6/30/2004	0.0644	0.0291	0.0017	0.0069	0.0017	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
6/30/2005	0.1199	-0.0347	-0.0204	0.0021	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
6/30/2006	0.0325	0.0118	0.0305	0.0258	0.0023	0.0052	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
6/30/2007	0.0323	0.1457	0.0119	0.0320	0.0493	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
6/30/2008	0.0872	0.0262	0.0030	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0126	0.1034	0.0784	
6/30/2009	0.0711	0.0553	0.0074	0.0181	0.0033	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		
6/30/2010	-0.0015	-0.0067	0.0326	0.0076	0.0015	0.0000	0.0000	0.0000	0.0000	0.0000			
6/30/2011	0.2927	-0.2778	0.0008	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000				
6/30/2012	0.0259	0.0069	0.0511	0.0055	0.0003	0.0003	0.0000	0.0000					
6/30/2013	0.0130	-0.0050	0.0021	0.0004	0.0000	0.0000	0.0000						
6/30/2014	0.0322	0.0652	-0.0081	0.0212	0.0303	0.0167							
6/30/2015	-0.0161	0.0018	0.0273	-0.0163	0.0000								
6/30/2016	0.0991	0.0746	-0.0404	0.0038									
6/30/2017	0.0927	-0.0328	0.0003										
6/30/2018		0.1272											
6/30/2019	0.0399												

Best 3/5	0.0772	0.0472	-0.0019	0.0032	0.0001	0.0001	0.0000	0.0000	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	
6/30/2001	52,344,133	111,097,429	151,724,340	167,663,816	172,369,692	168,196,056	165,227,135	164,189,834	163,655,337	163,712,335	163,406,210	
6/30/2002	51,569,152	89,509,348	118,248,359	133,612,571	133,370,123	130,163,634	128,405,180	127,465,004	127,550,917	127,330,791	127,648,267	
6/30/2003	54,635,934	88,370,852	120,586,150	132,110,806	130,061,785	126,785,305	125,950,659	125,046,392	124,522,415	124,348,669	123,938,423	
6/30/2004	59,194,900	93,722,302	125,227,308	131,860,887	128,604,124	126,935,684	124,777,494	123,953,517	123,389,789	123,439,479	123,468,656	
6/30/2005	54,137,083	88,350,594	114,941,753	121,982,430	119,108,689	115,905,827	114,469,099	114,054,751	113,754,197	113,918,101	113,969,165	
6/30/2006	60,872,150	92,942,452	115,964,456	121,172,645	119,515,617	118,593,234	119,345,808	119,387,471	118,549,976	118,150,631	117,620,674	
6/30/2007	59,873,170	89,860,573	114,064,705	119,817,901	119,508,906	119,019,052	117,805,441	117,821,409	117,774,979	117,476,627	117,648,445	
6/30/2008	64,293,613	96,279,462	124,535,613	131,430,845	130,583,567	129,541,939	129,597,048	128,910,518	128,428,548	128,348,985	128,509,070	
6/30/2009	62,882,183	100,570,980	123,105,532	133,945,772	133,439,744	132,465,469	131,905,027	131,317,617	130,759,390	130,565,854	130,894,978	
6/30/2010	68,406,839	97,772,167	126,002,316	132,912,858	133,872,091	132,254,817	131,938,053	132,147,683	132,333,722	132,153,472	132,231,419	
6/30/2011	67,886,003	107,886,333	134,658,727	146,343,494	145,281,659	143,190,727	143,034,329	142,849,481	142,748,552	142,105,594		
6/30/2012	63,975,883	95,301,311	121,469,903	128,522,864	127,857,208	127,687,642	128,416,762	128,232,155	128,430,712			
6/30/2013	54,450,916	90,779,062	110,096,943	117,438,428	120,863,338	121,304,835	121,112,305	121,122,417				
6/30/2014	66,853,838	100,005,044	131,940,156	144,990,998	145,570,207	145,122,271	144,267,959					
6/30/2015	56,707,689	90,045,510	122,230,008	132,269,506	133,922,422	133,993,955						
6/30/2016	49,340,737	82,951,241	113,237,998	124,512,790	125,884,950							
6/30/2017	55,812,678	87,945,295	118,122,776	126,358,141								
6/30/2018	59,094,749	97,970,257	125,002,609									
6/30/2019	59,527,914	96,752,907										
6/30/2020	53,652,825											

  

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

PREMISES/OPERATIONS (Subline Code 334)  
MANUFACTURERS AND CONTRACTORS

FULL COVERAGE

MULTISTATE

BODILY INJURY - OCCURRENCE

INCURRED ACCIDENT YEAR BASIC LIMITS LOSS DEVELOPMENT EXCLUDING ALAE

Link Ratios

A.Y.E.	27: 15	39: 27	51: 39	63: 51	75: 63	87: 75	99: 87	111: 99	123:111	135:123	147:135
6/30/2001	2.122	1.366	1.105	1.028	0.976	0.982	0.994	0.997	1.000	0.998	1.001
6/30/2002	1.736	1.321	1.130	0.998	0.976	0.986	0.993	1.001	0.998	1.002	0.996
6/30/2003	1.617	1.365	1.096	0.984	0.975	0.993	0.993	0.996	0.999	0.997	1.003
6/30/2004	1.583	1.336	1.053	0.975	0.987	0.983	0.993	0.995	1.000	1.000	1.002
6/30/2005	1.632	1.301	1.061	0.976	0.973	0.988	0.996	0.997	1.001	1.000	1.001
6/30/2006	1.527	1.248	1.045	0.986	0.992	1.006	1.000	0.993	0.997	0.996	1.001
6/30/2007	1.501	1.269	1.050	0.997	0.996	0.990	1.000	1.000	0.997	1.001	0.999
6/30/2008	1.497	1.293	1.055	0.994	0.992	1.000	0.995	0.996	0.999	1.001	1.001
6/30/2009	1.599	1.224	1.088	0.996	0.993	0.996	0.996	0.996	0.999	1.003	0.999
6/30/2010	1.429	1.289	1.055	1.007	0.988	0.998	1.002	1.001	0.999	1.001	
6/30/2011	1.589	1.248	1.087	0.993	0.986	0.999	0.999	0.999	0.995		
6/30/2012	1.490	1.275	1.058	0.995	0.999	1.006	0.999	1.002			
6/30/2013	1.667	1.213	1.067	1.029	1.004	0.998	1.000				
6/30/2014	1.496	1.319	1.099	1.004	0.997	0.994					
6/30/2015	1.588	1.357	1.082	1.012	1.001						
6/30/2016	1.681	1.365	1.100	1.011							
6/30/2017	1.576	1.343	1.070								
6/30/2018	1.658	1.276									
6/30/2019	1.625										

3 Yr Mean	1.620	1.328	1.084	1.009	1.001	0.999	0.999	1.001	0.998	1.002	1.000
Best 3/5	1.624	1.340	1.084	1.009	0.999	0.998	0.999	0.999	0.998	1.001	1.000

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

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

Development From

A.Y.E.	15/ 27	27/ 39	39/ 51	51/ 63	63/ 75	75/ 87	87/ 99	99/111	111/123	123/135	135/147
6/30/2016					0.999	0.998	0.999	0.999	0.998	1.001	1.000
6/30/2017				1.009	0.999	0.998	0.999	0.999	0.998	1.001	1.000
6/30/2018			1.084	1.009	0.999	0.998	0.999	0.999	0.998	1.001	1.000
6/30/2019		1.340	1.084	1.009	0.999	0.998	0.999	0.999	0.998	1.001	1.000
6/30/2020	1.624	1.340	1.084	1.009	0.999	0.998	0.999	0.999	0.998	1.001	1.000

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

\* Calculated Using Modified Bondy Method

@ Three year mean Excludes Modified Bondy ratios

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

\$100,000 Basic Limit Losses as of:											
A.Y.E.	15 Months	27 Months	39 Months	51 Months	63 Months	75 Months	87 Months	99 Months	111 Months	123 Months	135 Months
6/30/2001	5,347,825	11,513,035	15,832,045	14,311,826	14,351,648	15,914,260	15,828,234	15,330,607	14,939,074	15,104,206	15,098,358
6/30/2002	5,332,606	10,437,857	13,713,765	15,403,121	15,148,784	15,606,065	14,828,284	15,124,254	14,876,383	15,062,992	14,958,581
6/30/2003	7,648,961	10,441,160	13,917,045	16,381,854	17,050,453	16,016,658	15,820,030	15,477,369	15,466,254	15,181,403	15,639,167
6/30/2004	6,797,598	11,837,370	15,468,313	18,082,307	16,756,774	16,982,864	15,776,735	15,839,612	15,477,275	15,646,313	15,502,313
6/30/2005	7,183,665	12,665,143	15,853,994	15,969,006	16,608,297	16,065,153	15,707,151	15,471,875	15,187,566	14,933,805	14,988,913
6/30/2006	9,321,841	13,883,299	18,547,968	20,126,620	18,918,103	18,691,172	18,774,614	18,632,129	18,622,582	18,437,176	18,682,104
6/30/2007	9,386,914	14,045,412	16,975,434	19,325,173	18,774,466	18,821,326	18,466,842	18,767,660	18,873,961	18,983,886	18,972,451
6/30/2008	11,143,249	14,837,373	18,604,481	20,392,774	20,682,019	19,626,043	20,171,827	19,987,164	20,060,751	20,086,087	19,989,514
6/30/2009	7,033,925	13,637,446	16,093,327	16,658,141	17,714,738	17,511,810	17,635,732	17,396,052	17,636,113	17,768,717	17,934,442
6/30/2010	10,375,187	13,992,415	16,840,965	18,436,678	19,138,628	19,546,079	19,277,081	18,945,441	18,971,368	18,844,368	18,737,816
6/30/2011	10,602,956	15,341,815	18,745,795	20,095,191	19,950,685	20,044,240	20,061,072	19,837,221	19,891,108	19,864,009	
6/30/2012	8,304,174	14,767,545	19,312,211	20,542,491	20,724,740	20,683,692	20,886,665	20,818,381	20,968,050		
6/30/2013	8,566,147	14,860,825	16,614,349	18,477,955	18,713,028	18,746,091	18,556,717	18,557,879			
6/30/2014	10,806,071	16,783,135	20,564,086	23,608,678	24,449,852	24,800,365	24,650,404				
6/30/2015	8,823,508	15,539,495	21,477,929	25,007,705	25,326,001	25,689,202					
6/30/2016	8,766,347	14,119,671	20,615,079	22,827,266	23,094,219						
6/30/2017	9,849,595	15,335,209	20,942,150	23,955,509							
6/30/2018	11,811,531	19,404,182	26,418,231								
6/30/2019	9,053,561	16,175,779									
6/30/2020	7,179,279										

  

A.Y.E.	147 Months	159 Months	171 Months	183 Months	195 Months	207 Months	219 Months	231 Months	243 Months
6/30/2001	14,995,218	15,215,601	15,238,505	15,199,305	15,196,804	15,199,804	15,202,305	15,299,305	15,320,305
6/30/2002	15,540,244	15,586,743	15,589,243	15,581,142	15,653,142	15,653,142	15,650,142	15,750,142	
6/30/2003	15,821,667	15,716,304	15,717,804	15,716,304	15,716,304	15,716,304	15,710,105		
6/30/2004	15,493,895	15,562,395	15,487,395	15,523,895	15,523,895	15,523,895			
6/30/2005	14,954,336	14,928,703	15,006,203	15,006,203	15,006,203				
6/30/2006	18,747,106	18,687,804	18,687,805	18,693,555					
6/30/2007	19,239,466	19,235,415	19,234,066						
6/30/2008	19,899,014	19,897,764							
6/30/2009	17,814,708								

PREMISES/OPERATIONS (Subline Code 334)  
MANUFACTURERS AND CONTRACTORS

DEDUCTIBLE  
MULTISTATE

BODILY INJURY - OCCURRENCE

INCURRED ACCIDENT YEAR BASIC LIMITS LOSS DEVELOPMENT EXCLUDING ALAE

Link Ratios

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

3 Yr Mean	1.662	1.396	1.138	1.020	1.010	0.998	0.995	1.004	1.000	0.999	1.001
Best 3/5	1.672	1.370	1.135	1.013	1.007	0.995	0.991	1.005	1.002	1.001	0.999

A.Y.E.	159:147	171:159	183:171	195:183	207:195	219:207	231:219	243:231
6/30/2001	1.015	1.002	0.997	1.000	1.000	1.000	1.006	1.001
6/30/2002	1.003	1.000	0.999	1.005	1.000	1.000	1.006	1.002 *
6/30/2003	0.993	1.000	1.000	1.000	1.000	1.000	1.000 *	1.002 *
6/30/2004	1.004	0.995	1.002	1.000	1.000	1.000 *	1.000 *	1.002 *
6/30/2005	0.998	1.005	1.000	1.000	1.000 *	1.000 *	1.000 *	1.002 *
6/30/2006	0.997	1.000	1.000					
6/30/2007	1.000	1.000						
6/30/2008	1.000							

3 Yr Mean	0.999	1.002	1.001	1.000	1.000 @	1.000 @	1.006 @	1.001 @
Best 3/5	0.999	1.000	1.000	1.000	1.000 *	1.000 *	1.002 *	1.002 *

Development From

A.Y.E.	15/ 27	27/ 39	39/ 51	51/ 63	63/ 75	75/ 87	87/ 99	99/111	111/123	123/135	135/147
6/30/2016					1.007	0.995	0.991	1.005	1.002	1.001	0.999
6/30/2017				1.013	1.007	0.995	0.991	1.005	1.002	1.001	0.999
6/30/2018			1.135	1.013	1.007	0.995	0.991	1.005	1.002	1.001	0.999
6/30/2019		1.370	1.135	1.013	1.007	0.995	0.991	1.005	1.002	1.001	0.999
6/30/2020	1.672	1.370	1.135	1.013	1.007	0.995	0.991	1.005	1.002	1.001	0.999

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

\* Calculated Using Modified Bondy Method

@ Three year mean Excludes Modified Bondy ratios



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

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

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

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

A.Y.E.	Increments												
	27: 15	39: 27	51: 39	63: 51	75: 63	87: 75	99: 87	111: 99	123: 111	135: 123	147: 135	159:147	171:159
6/30/2001	16,787,537	26,282,397	23,629,242	15,519,426	6,181,283	3,012,152	2,133,221	1,357,090	783,738	1,787,606	1,021,346	75,478	863,435
6/30/2002	14,826,633	22,255,651	21,635,213	10,145,415	4,117,824	6,243,993	1,269,057	339,124	1,105,447	-22,302	190,245	522,884	230,602
6/30/2003	15,752,105	19,948,144	18,659,436	8,348,967	6,118,618	2,038,906	1,652,815	1,018,189	606,832	80,679	272,482	504,996	100,344
6/30/2004	12,845,826	21,418,910	17,030,823	8,586,330	7,305,224	1,923,643	1,530,377	390,306	547,075	275,950	13,552	-2,095	43,895
6/30/2005	13,491,220	17,638,722	16,503,548	9,616,866	3,297,153	1,728,566	1,099,080	1,680,694	238,477	259,209	133,354	565,820	122,354
6/30/2006	15,033,119	21,363,684	15,755,258	11,014,132	5,341,493	5,426,172	2,576,985	829,506	1,869,234	173,820	685,836	329,803	945,687
6/30/2007	15,253,266	21,650,946	16,469,363	8,116,673	4,545,845	1,935,087	1,241,540	488,801	504,734	36,416	166,885	898	155,374
6/30/2008	14,745,511	26,301,483	19,639,410	12,720,053	5,680,876	4,569,489	1,409,434	945,446	655,191	399,771	-19,520	683,707	
6/30/2009	14,768,825	22,354,944	19,319,599	11,094,694	9,769,368	2,415,965	1,233,686	503,252	569,489	1,051,831	-600,605		
6/30/2010	17,089,830	28,249,182	24,472,059	12,053,109	5,683,272	2,110,902	2,099,293	619,136	271,221	515,411			
6/30/2011	24,003,231	22,833,778	23,235,655	12,131,257	12,338,086	1,452,109	1,492,825	1,113,294	-53,015				
6/30/2012	17,242,122	27,242,403	21,981,223	13,946,502	4,833,549	5,269,684	1,267,376	973,981					
6/30/2013	17,461,419	24,068,601	22,200,550	11,509,344	6,362,000	2,604,767	787,437						
6/30/2014	17,585,846	29,914,198	25,093,489	11,051,822	7,444,813	3,042,830							
6/30/2015	15,346,729	27,714,891	20,008,010	9,854,085	6,022,550								
6/30/2016	17,078,149	24,877,897	23,310,849	14,286,777									
6/30/2017	17,811,625	26,269,353	17,343,403										
6/30/2018	19,406,474	27,797,404											
6/30/2019	20,561,113												

A.Y.E.	Incremental Percentages												
	27: 15	39: 27	51: 39	63: 51	75: 63	87: 75	99: 87	111: 99	123: 111	135: 123	147: 135	159:147	171:159
6/30/2001	0.0568	0.0888	0.0799	0.0525	0.0209	0.0102	0.0072	0.0046	0.0026	0.0060	0.0035	0.0003	0.0029
6/30/2002	0.0633	0.0950	0.0924	0.0433	0.0176	0.0267	0.0054	0.0014	0.0047	-0.0001	0.0008	0.0022	0.0010
6/30/2003	0.0679	0.0860	0.0805	0.0360	0.0264	0.0088	0.0071	0.0044	0.0026	0.0003	0.0012	0.0022	0.0004
6/30/2004	0.0551	0.0919	0.0731	0.0368	0.0313	0.0083	0.0066	0.0017	0.0023	0.0012	0.0001	0.0000	0.0002
6/30/2005	0.0646	0.0844	0.0790	0.0460	0.0158	0.0083	0.0053	0.0080	0.0011	0.0012	0.0006	0.0027	0.0006
6/30/2006	0.0668	0.0950	0.0701	0.0490	0.0238	0.0241	0.0115	0.0037	0.0083	0.0008	0.0030	0.0015	0.0042
6/30/2007	0.0664	0.0942	0.0716	0.0353	0.0198	0.0084	0.0054	0.0021	0.0022	0.0002	0.0007	0.0000	0.0007
6/30/2008	0.0574	0.1025	0.0765	0.0496	0.0221	0.0178	0.0055	0.0037	0.0026	0.0016	-0.0001	0.0027	
6/30/2009	0.0582	0.0880	0.0761	0.0437	0.0385	0.0095	0.0049	0.0020	0.0022	0.0041	-0.0024		
6/30/2010	0.0705	0.1165	0.1010	0.0497	0.0234	0.0087	0.0087	0.0026	0.0011	0.0021			
6/30/2011	0.0865	0.0823	0.0837	0.0437	0.0445	0.0052	0.0054	0.0040	-0.0002				
6/30/2012	0.0675	0.1067	0.0861	0.0546	0.0189	0.0206	0.0050	0.0038					
6/30/2013	0.0708	0.0976	0.0900	0.0467	0.0258	0.0106	0.0032						
6/30/2014	0.0603	0.1025	0.0860	0.0379	0.0255	0.0104							
6/30/2015	0.0572	0.1033	0.0745	0.0367	0.0224								
6/30/2016	0.0659	0.0960	0.0899	0.0551									
6/30/2017	0.0656	0.0968	0.0639										
6/30/2018	0.0677	0.0970											
6/30/2019	0.0688												

Best 3/5	0.0664	0.0988	0.0835	0.0464	0.0246	0.0099	0.0051	0.0034	0.0019	0.0015	0.0004	0.0014	0.0006
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PREMISES/OPERATIONS (Subline Code 334)  
 MANUFACTURERS AND CONTRACTORS  
 FULL COVERAGE  
 MULTISTATE  
 PROPERTY DAMAGE - OCCURRENCE  
 INCURRED ACCIDENT YEAR BASIC LIMITS LOSS DEVELOPMENT EXCLUDING ALAE

\$100,000 Basic Limit Losses as of:

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

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

PREMISES/OPERATIONS (Subline Code 334)  
MANUFACTURERS AND CONTRACTORS

FULL COVERAGE

MULTISTATE

PROPERTY DAMAGE - OCCURRENCE

INCURRED ACCIDENT YEAR BASIC LIMITS LOSS DEVELOPMENT EXCLUDING ALAE

Link Ratios

A.Y.E.	27: 15	39: 27	51: 39	63: 51	75: 63	87: 75	99: 87	111: 99	123:111	135:123	147:135
6/30/2001	1.067	1.093	1.039	1.003	1.004	1.005	0.999	1.004	1.003	1.006	1.000
6/30/2002	1.147	1.049	1.017	0.998	1.009	0.997	1.001	1.001	1.004	1.003	1.000
6/30/2003	1.115	1.052	1.022	0.996	1.006	1.003	1.012	1.001	1.002	1.002	1.006
6/30/2004	1.141	1.044	1.004	1.008	1.003	1.000	1.005	1.003	1.002	1.002	1.003
6/30/2005	1.074	1.004	1.020	1.004	0.999	1.005	1.009	1.004	1.004	1.002	1.001
6/30/2006	1.085	1.024	1.013	1.013	1.009	1.005	1.004	1.000	1.006	1.000	1.002
6/30/2007	1.093	1.023	1.012	1.016	1.009	1.007	1.005	1.008	1.003	1.000	1.002
6/30/2008	1.090	1.020	1.014	1.017	1.009	1.007	1.006	1.005	1.003	1.009	1.002
6/30/2009	1.078	1.031	1.026	1.000	1.008	1.003	1.005	1.013	1.005	1.002	1.001
6/30/2010	1.094	1.026	1.018	1.013	1.000	1.007	1.001	1.005	1.001	1.003	
6/30/2011	1.083	1.028	1.005	1.007	1.006	1.006	1.007	1.004	1.000		
6/30/2012	1.072	1.021	1.006	1.009	1.006	1.008	1.006	1.001			
6/30/2013	1.094	1.042	1.014	1.009	1.007	1.007	1.004				
6/30/2014	1.090	1.048	1.018	1.012	1.010	1.010					
6/30/2015	1.107	1.066	1.038	1.010	1.014						
6/30/2016	1.127	1.047	1.025	1.017							
6/30/2017	1.126	1.052	1.021								
6/30/2018	1.133	1.051									
6/30/2019	1.139										

3 Yr Mean 1.133 1.050 1.028 1.013 1.010 1.008 1.006 1.003 1.002 1.005 1.002

Best 3/5 1.129 1.050 1.021 1.010 1.008 1.007 1.005 1.005 1.002 1.002 1.002

A.Y.E.	159:147	171:159	183:171	195:183	207:195	219:207	231:219	243:231
6/30/2001	0.999	1.001	1.001	1.002	1.001	1.002	1.001	1.002
6/30/2002	1.002	1.004	1.004	1.001	0.998	1.005	0.997	1.001 *
6/30/2003	1.001	1.002	1.001	1.001	1.001	1.000	1.001 *	1.001 *
6/30/2004	1.001	1.004	1.002	1.000	1.003	1.001 *	1.001 *	1.001 *
6/30/2005	1.003	1.000	1.000	0.999	1.001 *	1.001 *	1.001 *	1.001 *
6/30/2006	1.007	1.000	0.999					
6/30/2007	1.000	0.999						
6/30/2008	1.000							

3 Yr Mean 1.002 1.000 1.000 1.000 1.001 @ 1.002 @ 0.999 @ 1.002 @

Best 3/5 1.001 1.001 1.001 1.001 1.001 \* 1.001 \* 1.001 \* 1.001 \*

Development From

A.Y.E.	15/ 27	27/ 39	39/ 51	51/ 63	63/ 75	75/ 87	87/ 99	99/111	111/123	123/135	135/147
6/30/2016					1.008	1.007	1.005	1.005	1.002	1.002	1.002
6/30/2017				1.010	1.008	1.007	1.005	1.005	1.002	1.002	1.002
6/30/2018			1.021	1.010	1.008	1.007	1.005	1.005	1.002	1.002	1.002
6/30/2019		1.050	1.021	1.010	1.008	1.007	1.005	1.005	1.002	1.002	1.002
6/30/2020	1.129	1.050	1.021	1.010	1.008	1.007	1.005	1.005	1.002	1.002	1.002

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

\* Calculated Using Modified Bondy Method

@ Three year mean Excludes Modified Bondy ratios

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

PREMISES/OPERATIONS (Subline Code 334)

MANUFACTURERS AND CONTRACTORS

DEDUCTIBLE

MULTISTATE

PROPERTY DAMAGE - OCCURRENCE

INCURRED ACCIDENT YEAR BASIC LIMITS LOSS DEVELOPMENT EXCLUDING ALAE

Link Ratios

<u>A.Y.E.</u>	<u>27: 15</u>	<u>39: 27</u>	<u>51: 39</u>	<u>63: 51</u>	<u>75: 63</u>	<u>87: 75</u>	<u>99: 87</u>	<u>111: 99</u>	<u>123:111</u>	<u>135:123</u>	<u>147:135</u>
6/30/2001	1.243	1.096	1.053	1.013	1.011	1.009	1.023	1.016	0.999	0.991	1.006
6/30/2002	1.230	1.006	1.010	1.012	1.052	0.998	1.026	0.999	1.003	1.000	1.007
6/30/2003	1.090	1.007	1.027	1.052	0.996	1.021	1.009	1.008	1.008	1.001	1.003
6/30/2004	1.143	1.089	1.010	1.008	1.020	1.007	1.006	1.003	1.003	1.006	1.000
6/30/2005	1.138	1.073	1.022	1.003	0.989	1.011	1.005	1.018	1.007	1.004	0.996
6/30/2006	1.162	1.042	1.013	0.991	1.011	1.008	1.008	1.006	1.015	0.999	1.007
6/30/2007	1.066	1.042	0.998	0.996	0.991	1.013	0.996	1.002	1.004	1.002	1.003
6/30/2008	1.114	1.046	1.024	0.982	1.016	1.005	0.999	1.014	1.004	1.005	0.998
6/30/2009	1.012	1.042	1.007	0.994	0.999	0.991	1.012	1.008	1.006	1.000	1.004
6/30/2010	1.085	1.013	1.013	1.000	1.005	1.026	0.996	1.007	0.999	1.001	
6/30/2011	1.041	1.036	0.990	1.008	1.009	1.003	1.020	0.991	1.002		
6/30/2012	1.102	1.033	1.009	0.999	1.008	1.008	0.999	1.003			
6/30/2013	1.116	1.045	0.999	0.982	0.999	1.003	1.001				
6/30/2014	1.088	1.020	1.017	1.008	1.010	1.002					
6/30/2015	1.106	1.034	1.029	1.006	0.996						
6/30/2016	1.081	1.042	0.973	1.017							
6/30/2017	1.157	1.082	1.020								
6/30/2018	1.079	1.088									
6/30/2019	1.192										

3 Yr Mean 1.143 1.071 1.007 1.010 1.002 1.004 1.007 1.000 1.002 1.002 1.002

Best 3/5 1.115 1.053 1.012 1.004 1.005 1.005 1.004 1.006 1.003 1.001 1.002

<u>A.Y.E.</u>	<u>159:147</u>	<u>171:159</u>	<u>183:171</u>	<u>195:183</u>	<u>207:195</u>	<u>219:207</u>	<u>231:219</u>	<u>243:231</u>
6/30/2001	1.006	1.003	1.000	0.997	1.001	1.000	1.000	1.000
6/30/2002	1.002	0.994	0.995	1.000	0.997	1.000	1.000	1.000 *
6/30/2003	0.998	0.998	1.004	0.998	1.000	1.000	1.000 *	1.000 *
6/30/2004	0.999	1.001	1.000	1.004	1.001	1.000 *	1.000 *	1.000 *
6/30/2005	1.007	1.002	0.994	0.999	0.999 *	1.000 *	1.000 *	1.000 *
6/30/2006	0.997	1.001	1.001					
6/30/2007	1.000	1.002						
6/30/2008	1.007							

3 Yr Mean 1.001 1.002 0.998 1.000 0.999 @ 1.000 @ 1.000 @ 1.000 @

Best 3/5 1.002 1.001 0.999 0.999 1.000 \* 1.000 \* 1.000 \* 1.000 \*

<u>A.Y.E.</u>	<u>15/ 27</u>	<u>27/ 39</u>	<u>39/ 51</u>	<u>51/ 63</u>	<u>63/ 75</u>	<u>75/ 87</u>	<u>87/ 99</u>	<u>99/111</u>	<u>111/123</u>	<u>123/135</u>	<u>135/147</u>
6/30/2016					1.005	1.005	1.004	1.006	1.003	1.001	1.002
6/30/2017				1.004	1.005	1.005	1.004	1.006	1.003	1.001	1.002
6/30/2018			1.012	1.004	1.005	1.005	1.004	1.006	1.003	1.001	1.002
6/30/2019		1.053	1.012	1.004	1.005	1.005	1.004	1.006	1.003	1.001	1.002
6/30/2020	1.115	1.053	1.012	1.004	1.005	1.005	1.004	1.006	1.003	1.001	1.002

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

\* Calculated Using Modified Bondy Method

@ Three year mean Excludes Modified Bondy ratios

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

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

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

A.Y.E.	27: 15	39: 27	51: 39	63: 51	75: 63	87: 75	99: 87	111: 99	123: 111	135: 123	147: 135	159:147	171:159
6/30/2001	4,771,678	9,722,325	10,703,312	10,641,820	5,972,740	5,139,563	3,111,948	1,739,141	909,464	1,778,440	1,458,801	-183,178	-340,646
6/30/2002	7,210,207	6,439,671	6,915,562	6,135,152	4,895,491	2,488,605	1,203,430	1,411,918	234,943	539,016	687,165	219,663	977,089
6/30/2003	6,257,165	6,839,556	6,810,936	5,181,354	835,776	3,671,339	691,034	913,753	1,202,456	1,078,340	969,278	1,055,315	245,367
6/30/2004	6,726,770	7,915,624	7,399,305	3,928,434	2,870,712	950,747	1,288,023	1,266,234	806,471	565,037	443,414	370,997	1,931,577
6/30/2005	4,914,709	5,881,058	6,436,577	4,647,242	2,918,281	2,896,626	1,415,697	1,303,709	552,549	332,321	299,936	974,390	315,604
6/30/2006	5,905,920	7,719,160	6,110,490	5,248,454	4,201,720	2,419,107	2,045,535	1,417,235	1,200,993	961,038	1,082,545	964,386	552,680
6/30/2007	6,135,227	7,581,493	6,475,113	5,460,002	4,441,153	2,410,905	1,651,017	2,211,709	811,134	1,783,500	47,653	345,827	-59,521
6/30/2008	7,937,439	8,780,339	7,080,869	5,666,904	1,830,442	1,896,191	2,873,975	1,940,643	595,559	991,937	960,864	405,774	
6/30/2009	6,633,573	7,382,406	7,349,267	5,217,833	2,388,530	1,898,053	1,792,919	1,117,385	1,085,632	813,992	628,698		
6/30/2010	8,864,048	5,874,296	7,580,819	4,189,183	1,858,395	3,192,422	1,015,584	1,510,999	816,698	388,678			
6/30/2011	6,085,116	8,268,954	6,065,580	3,321,450	2,654,393	1,999,897	1,623,253	1,903,828	641,530				
6/30/2012	5,916,033	6,325,849	2,986,514	4,065,254	2,403,701	558,001	1,334,448	1,307,032					
6/30/2013	7,460,998	9,301,148	11,109,376	5,643,565	3,802,723	1,482,233	1,672,088						
6/30/2014	9,496,782	10,467,763	6,196,979	7,773,760	3,730,985	2,749,903							
6/30/2015	8,088,887	8,791,485	8,680,721	9,728,688	5,064,830								
6/30/2016	7,741,576	7,132,119	6,634,899	6,226,211									
6/30/2017	6,631,443	7,689,870	5,721,257										
6/30/2018	8,612,389	8,743,000											
6/30/2019	7,695,053												

A.Y.E.	27: 15	39: 27	51: 39	63: 51	75: 63	87: 75	99: 87	111: 99	123: 111	135: 123	147: 135	159:147	171:159
6/30/2001	0.0264	0.0537	0.0591	0.0588	0.0330	0.0284	0.0172	0.0096	0.0050	0.0098	0.0081	-0.0010	-0.0019
6/30/2002	0.0480	0.0429	0.0460	0.0408	0.0326	0.0166	0.0080	0.0094	0.0016	0.0036	0.0046	0.0015	0.0065
6/30/2003	0.0490	0.0536	0.0533	0.0406	0.0065	0.0288	0.0054	0.0072	0.0094	0.0084	0.0076	0.0083	0.0019
6/30/2004	0.0467	0.0550	0.0514	0.0273	0.0199	0.0066	0.0089	0.0088	0.0056	0.0039	0.0031	0.0026	0.0134
6/30/2005	0.0354	0.0424	0.0464	0.0335	0.0210	0.0209	0.0102	0.0094	0.0040	0.0024	0.0022	0.0070	0.0023
6/30/2006	0.0411	0.0537	0.0425	0.0365	0.0292	0.0168	0.0142	0.0099	0.0084	0.0067	0.0075	0.0067	0.0038
6/30/2007	0.0421	0.0520	0.0444	0.0374	0.0305	0.0165	0.0113	0.0152	0.0056	0.0122	0.0003	0.0024	-0.0004
6/30/2008	0.0474	0.0525	0.0423	0.0339	0.0109	0.0113	0.0172	0.0116	0.0036	0.0059	0.0057	0.0024	
6/30/2009	0.0414	0.0460	0.0458	0.0325	0.0149	0.0118	0.0112	0.0070	0.0068	0.0051	0.0039		
6/30/2010	0.0585	0.0388	0.0500	0.0276	0.0123	0.0211	0.0067	0.0100	0.0054	0.0026			
6/30/2011	0.0358	0.0487	0.0357	0.0195	0.0156	0.0118	0.0096	0.0112	0.0038				
6/30/2012	0.0350	0.0374	0.0177	0.0240	0.0142	0.0033	0.0079	0.0077					
6/30/2013	0.0440	0.0549	0.0656	0.0333	0.0224	0.0087	0.0099						
6/30/2014	0.0548	0.0604	0.0357	0.0448	0.0215	0.0159							
6/30/2015	0.0458	0.0498	0.0492	0.0551	0.0287								
6/30/2016	0.0426	0.0392	0.0365	0.0342									
6/30/2017	0.0346	0.0401	0.0298										
6/30/2018	0.0413	0.0419											
6/30/2019	0.0373												

Best 3/5	0.0404	0.0439	0.0405	0.0375	0.0199	0.0121	0.0091	0.0096	0.0049	0.0059	0.0039	0.0039	0.0027
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PREMISES/OPERATIONS (Subline Code 334)  
 MANUFACTURERS AND CONTRACTORS  
 FULL COVERAGE  
 MULTISTATE  
 FRINGE COVERAGE - OCCURRENCE  
 INCURRED ACCIDENT YEAR BASIC LIMITS LOSS DEVELOPMENT EXCLUDING ALAE

\$100,000 Basic Limit Losses as of:

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

  

<u>A.Y.E.</u>	<u>147 Months</u>	<u>159 Months</u>	<u>171 Months</u>	<u>183 Months</u>	<u>195 Months</u>	<u>207 Months</u>	<u>219 Months</u>	<u>231 Months</u>	<u>243 Months</u>
6/30/2001	23,670,015	23,622,712	23,865,648	23,758,485	23,765,648	23,745,639	23,845,623	23,846,623	23,845,623
6/30/2002	20,205,523	20,149,412	20,128,881	20,159,701	20,147,197	20,147,197	20,147,197	20,355,029	
6/30/2003	17,739,860	17,635,096	17,735,096	17,743,096	17,743,096	17,843,096	18,056,657		
6/30/2004	26,083,147	26,105,799	26,088,147	26,088,150	26,098,147	26,371,009			
6/30/2005	25,187,295	25,126,315	25,121,315	25,121,315	25,121,315				
6/30/2006	25,677,490	25,563,324	25,575,672	25,559,844					
6/30/2007	23,230,423	23,242,923	23,230,423						
6/30/2008	20,082,743	20,088,243							
6/30/2009	19,202,621								

PREMISES/OPERATIONS (Subline Code 334)  
MANUFACTURERS AND CONTRACTORS

FULL COVERAGE

MULTISTATE

FRINGE COVERAGE - OCCURRENCE

INCURRED ACCIDENT YEAR BASIC LIMITS LOSS DEVELOPMENT EXCLUDING ALAE

Link Ratios

A.Y.E.	27: 15	39: 27	51: 39	63: 51	75: 63	87: 75	99: 87	111: 99	123:111	135:123	147:135
6/30/2001	1.388	1.163	1.023	1.016	0.997	1.032	1.021	0.979	0.995	1.005	0.993
6/30/2002	1.386	1.090	1.020	1.005	0.997	0.995	0.990	0.992	0.992	0.996	1.006
6/30/2003	1.157	1.117	1.074	0.977	1.023	0.953	1.019	1.009	0.989	1.003	0.989
6/30/2004	1.389	1.194	1.030	1.007	0.940	0.974	0.996	0.997	1.010	0.990	1.003
6/30/2005	1.238	1.125	1.048	0.976	0.994	1.002	1.011	1.002	0.996	0.999	0.996
6/30/2006	1.280	1.083	0.970	1.002	0.994	0.996	1.003	0.985	1.011	0.995	0.998
6/30/2007	1.189	1.109	1.025	0.966	0.991	0.992	1.015	0.989	0.999	0.997	1.000
6/30/2008	1.183	1.092	1.016	1.001	0.978	0.987	1.010	1.001	0.996	1.009	1.000
6/30/2009	1.298	1.098	1.008	1.013	1.000	0.980	0.991	0.991	1.001	0.993	1.000
6/30/2010	1.165	1.057	1.004	0.972	1.006	1.001	0.996	1.004	1.000	1.003	
6/30/2011	1.140	1.083	0.923	1.012	1.007	1.023	0.999	1.004	1.004		
6/30/2012	1.225	1.086	1.128	0.952	1.056	0.995	1.026	1.006			
6/30/2013	1.193	1.079	1.086	1.022	1.019	1.007	1.010				
6/30/2014	1.512	1.191	1.024	0.997	1.006	0.990					
6/30/2015	1.353	1.048	1.104	0.992	0.992						
6/30/2016	1.235	1.095	1.011	1.038							
6/30/2017	1.357	1.128	1.037								
6/30/2018	1.194	1.217									
6/30/2019	1.129										

3 Yr Mean 1.227 1.147 1.051 1.009 1.006 0.997 1.012 1.005 1.002 1.002 1.000

Best 3/5 1.261 1.138 1.049 1.004 1.011 1.001 1.002 1.003 1.000 0.998 0.999

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

3 Yr Mean 0.999 1.000 1.000 1.000 1.005 @ 1.005 @ 1.005 @ 1.000 @

Best 3/5 1.000 1.000 1.000 1.000 1.002 \* 1.003 \* 1.003 \* 1.003 \*

A.Y.E.	15/ 27	27/ 39	39/ 51	51/ 63	63/ 75	75/ 87	87/ 99	99/111	111/123	123/135	135/147
6/30/2016					1.011	1.001	1.002	1.003	1.000	0.998	0.999
6/30/2017				1.004	1.011	1.001	1.002	1.003	1.000	0.998	0.999
6/30/2018			1.049	1.004	1.011	1.001	1.002	1.003	1.000	0.998	0.999
6/30/2019		1.138	1.049	1.004	1.011	1.001	1.002	1.003	1.000	0.998	0.999
6/30/2020	1.261	1.138	1.049	1.004	1.011	1.001	1.002	1.003	1.000	0.998	0.999

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

\* Calculated Using Modified Bondy Method

@ Three year mean Excludes Modified Bondy ratios

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

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

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

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

A.Y.E.	27: 15	39: 27	51: 39	63: 51	75: 63	87: 75	99: 87	111: 99	123: 111	135: 123	147: 135	159:147	171:159
6/30/2001	4,896,925	3,588,612	2,950,468	1,045,177	714,532	892,328	1,981,077	-247,701	221,059	189,403	-1,120	252,399	1,310,556
6/30/2002	4,703,074	3,726,076	1,173,858	779,299	1,176,410	1,321,000	-481,367	87,639	-88,375	69,999	59,090	30,899	137,669
6/30/2003	2,220,831	2,380,417	3,247,416	596,360	2,189,558	-487,827	792,223	856,531	391,228	178,930	336,290	18,232	0
6/30/2004	3,177,391	4,834,624	6,035,306	9,254,450	3,230,560	-3,843,152	-103,075	1,092,417	107,011	1,303,811	-264,382	93,453	592,779
6/30/2005	3,801,784	5,653,789	4,169,371	1,802,217	2,140,563	970,267	249,451	401,828	1,206,550	26,516	64,302	13,955	7,338
6/30/2006	3,180,593	6,165,305	3,678,515	2,617,002	1,932,749	81,153	524,428	154,930	-118,619	252,597	618,161	-605,423	1,566
6/30/2007	1,594,584	2,998,741	2,846,209	2,354,860	1,382,428	576,324	906,614	211,907	-13,584	-442,774	3,143	21,535	3,542
6/30/2008	4,964,154	5,511,285	2,225,156	1,495,966	1,257,724	327,722	839,840	283,321	80,856	47,908	-5,148	73,152	
6/30/2009	2,829,457	4,357,116	4,172,845	2,269,103	2,353,061	375,369	243,594	877,926	593,686	-168,354	-8,587		
6/30/2010	3,847,304	3,406,595	2,250,288	2,151,627	450,139	566,188	107,871	393,621	8,924	53,233			
6/30/2011	2,652,815	6,838,694	3,955,340	3,522,284	724,656	2,233,567	-242,590	246,014	48,651				
6/30/2012	2,879,148	3,036,985	4,160,856	296,885	1,314,035	687,108	-73,339	101,612					
6/30/2013	2,310,311	4,093,341	1,760,554	1,018,110	298,767	745,040	674,079						
6/30/2014	3,188,912	4,220,926	1,798,171	4,620,627	334,884	894,135							
6/30/2015	2,360,040	3,382,455	3,468,014	672,146	167,238								
6/30/2016	3,933,179	2,276,405	3,002,878	1,433,851									
6/30/2017	2,072,846	1,539,062	2,450,676										
6/30/2018	2,384,230	1,511,750											
6/30/2019	647,163												

A.Y.E.	27: 15	39: 27	51: 39	63: 51	75: 63	87: 75	99: 87	111: 99	123: 111	135: 123	147: 135	159:147	171:159
6/30/2001	0.1294	0.0948	0.0779	0.0276	0.0189	0.0236	0.0523	-0.0065	0.0058	0.0050	0.0000	0.0067	0.0346
6/30/2002	0.1467	0.1163	0.0366	0.0243	0.0367	0.0412	-0.0150	0.0027	-0.0028	0.0022	0.0018	0.0010	0.0043
6/30/2003	0.0797	0.0854	0.1165	0.0214	0.0785	-0.0175	0.0284	0.0307	0.0140	0.0064	0.0121	0.0007	0.0000
6/30/2004	0.0761	0.1158	0.1445	0.2216	0.0774	-0.0920	-0.0025	0.0262	0.0026	0.0312	-0.0063	0.0022	0.0142
6/30/2005	0.0950	0.1413	0.1042	0.0450	0.0535	0.0242	0.0062	0.0100	0.0301	0.0007	0.0016	0.0003	0.0002
6/30/2006	0.0718	0.1391	0.0830	0.0591	0.0436	0.0018	0.0118	0.0035	-0.0027	0.0057	0.0139	-0.0137	0.0000
6/30/2007	0.0405	0.0762	0.0723	0.0598	0.0351	0.0146	0.0230	0.0054	-0.0003	-0.0113	0.0001	0.0005	0.0001
6/30/2008	0.1580	0.1754	0.0708	0.0476	0.0400	0.0104	0.0267	0.0090	0.0026	0.0015	-0.0002	0.0023	
6/30/2009	0.0846	0.1303	0.1248	0.0679	0.0704	0.0112	0.0073	0.0263	0.0178	-0.0050	-0.0003		
6/30/2010	0.1612	0.1428	0.0943	0.0902	0.0189	0.0237	0.0045	0.0165	0.0004	0.0022			
6/30/2011	0.1104	0.2846	0.1646	0.1466	0.0302	0.0930	-0.0101	0.0102	0.0020				
6/30/2012	0.1852	0.1954	0.2677	0.0191	0.0845	0.0442	-0.0047	0.0065					
6/30/2013	0.1558	0.2761	0.1187	0.0687	0.0202	0.0502	0.0455						
6/30/2014	0.1794	0.2375	0.1012	0.2600	0.0188	0.0503							
6/30/2015	0.1082	0.1550	0.1589	0.0308	0.0077								
6/30/2016	0.1856	0.1074	0.1417	0.0677									
6/30/2017	0.1263	0.0937	0.1493										
6/30/2018	0.1191	0.0755											
6/30/2019	0.0580												

Best 3/5	0.1178	0.1187	0.1366	0.0557	0.0230	0.0483	0.0024	0.0119	0.0017	-0.0004	0.0005	0.0010	0.0001
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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
6/30/2001	228,368,847	291,830,462	325,884,508	342,826,435	343,209,295	337,156,112	335,284,866	333,270,618	332,394,093	331,358,326	331,194,964
6/30/2002	206,707,575	259,159,418	310,847,617	323,917,879	320,351,025	316,755,730	313,958,784	312,917,829	312,341,683	311,656,250	311,985,372
6/30/2003	219,427,098	295,541,185	353,256,932	359,512,299	351,425,621	345,117,660	343,207,600	340,303,463	339,124,650	338,922,393	338,971,944
6/30/2004	246,119,410	331,729,804	358,880,460	363,847,253	359,273,435	355,614,057	353,297,192	351,849,907	351,592,995	351,060,487	350,739,260
6/30/2005	256,313,597	298,084,771	337,388,353	342,274,873	343,242,170	337,632,415	335,259,569	334,126,763	332,936,398	333,425,021	333,584,492
6/30/2006	236,825,926	310,757,408	348,082,141	359,883,961	354,716,495	348,176,883	344,876,680	343,818,912	343,246,781	343,256,635	342,934,690
6/30/2007	263,415,983	337,354,450	375,414,481	381,557,349	374,860,466	369,348,156	367,004,973	365,059,245	364,078,347	363,975,952	364,073,013
6/30/2008	280,745,397	353,194,615	396,281,671	401,933,189	395,948,434	390,672,018	388,516,043	386,912,775	386,720,786	386,070,927	385,746,092
6/30/2009	293,899,560	375,601,397	415,031,078	416,211,199	410,040,153	407,380,624	403,929,704	401,915,887	400,973,467	400,684,979	401,469,608
6/30/2010	317,519,644	400,231,452	448,498,403	450,546,903	444,163,561	439,547,140	436,248,773	434,981,640	434,281,107	434,048,678	434,441,678
6/30/2011	345,673,621	438,178,378	486,282,402	494,085,317	485,683,785	480,428,747	476,616,019	474,771,947	474,561,550	474,079,244	
6/30/2012	292,186,814	372,926,636	417,375,903	418,211,326	416,280,763	412,956,249	411,835,160	412,200,108	411,042,082		
6/30/2013	291,938,059	372,926,868	406,894,067	414,255,395	415,581,850	414,312,672	414,063,117	412,593,878			
6/30/2014	321,643,826	408,847,520	467,444,907	500,542,065	501,008,461	502,134,028	498,172,294				
6/30/2015	283,169,349	386,445,787	467,620,685	496,961,769	504,149,268	501,635,191					
6/30/2016	265,263,559	380,138,283	455,789,390	489,225,545	492,659,018						
6/30/2017	288,093,444	413,022,238	505,129,127	535,823,919							
6/30/2018	332,123,476	469,702,477	556,027,619								
6/30/2019	313,999,138	446,995,781									
6/30/2020	241,595,327										

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

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

FULL COVERAGE

MULTISTATE

BODILY INJURY - OCCURRENCE

INCURRED ACCIDENT YEAR BASIC LIMITS LOSS DEVELOPMENT EXCLUDING ALAE

Link Ratios

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

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

A.Y.E.	15/ 27	27/ 39	39/ 51	51/ 63	63/ 75	75/ 87	87/ 99	99/111	111/123	123/135	135/147
6/30/2016					0.995	0.994	0.996	0.999	0.999	1.000	1.000
6/30/2017				1.004	0.995	0.994	0.996	0.999	0.999	1.000	1.000
6/30/2018			1.065	1.004	0.995	0.994	0.996	0.999	0.999	1.000	1.000
6/30/2019		1.198	1.065	1.004	0.995	0.994	0.996	0.999	0.999	1.000	1.000
6/30/2020	1.424	1.198	1.065	1.004	0.995	0.994	0.996	0.999	0.999	1.000	1.000

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

\* Calculated Using Modified Bondy Method

@ Three year mean Excludes Modified Bondy ratios

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

\$100,000 Basic Limit Losses as of:											
A.Y.E.	15 Months	27 Months	39 Months	51 Months	63 Months	75 Months	87 Months	99 Months	111 Months	123 Months	135 Months
6/30/2001	12,135,349	15,969,530	18,953,419	18,696,580	18,684,171	19,220,788	19,275,823	19,200,225	19,246,166	19,158,759	19,258,758
6/30/2002	11,524,038	16,880,235	16,503,165	16,860,562	17,678,874	17,307,495	17,501,383	17,233,128	17,399,653	17,309,440	17,309,439
6/30/2003	16,780,283	18,432,101	20,778,257	21,852,692	22,239,549	21,685,591	21,316,010	21,155,532	21,082,189	21,143,730	21,234,451
6/30/2004	17,760,451	25,498,266	23,926,805	25,901,501	24,769,870	24,112,977	23,381,105	23,263,358	23,092,632	23,254,166	23,286,039
6/30/2005	15,603,327	24,746,490	24,843,580	22,808,296	21,240,592	20,464,151	20,052,004	19,852,570	19,847,570	19,731,596	19,731,593
6/30/2006	15,330,931	18,855,878	21,328,280	21,080,145	20,593,167	20,656,909	20,842,102	20,807,212	21,024,610	20,946,404	20,916,404
6/30/2007	15,536,810	20,710,638	23,906,559	24,521,843	23,835,517	23,159,657	22,878,189	22,985,731	22,975,527	22,976,026	22,931,026
6/30/2008	17,840,817	22,078,008	24,769,300	24,823,181	24,565,963	24,023,877	24,083,748	23,994,031	23,845,696	23,835,510	23,755,223
6/30/2009	16,804,627	20,603,742	21,239,089	23,042,133	22,405,106	22,085,157	22,111,385	21,964,549	21,999,771	21,968,917	21,966,012
6/30/2010	13,187,650	13,676,062	16,357,774	16,944,041	17,561,181	17,149,857	17,208,463	17,073,479	17,001,226	17,112,573	17,070,903
6/30/2011	11,573,324	15,495,294	17,315,505	18,069,213	18,014,165	17,760,209	17,805,341	17,605,476	17,607,743	17,583,316	
6/30/2012	11,401,112	14,549,692	16,439,733	16,670,433	16,881,381	16,640,741	16,780,118	17,154,554	16,939,220		
6/30/2013	11,505,453	14,886,733	16,183,776	16,860,156	17,298,447	17,138,869	17,128,799	16,826,385			
6/30/2014	14,619,911	17,327,117	19,804,815	21,100,676	21,643,177	21,830,406	21,965,799				
6/30/2015	13,860,012	18,629,432	23,004,075	25,261,565	25,560,750	25,438,454					
6/30/2016	15,619,313	20,601,444	25,073,935	26,091,633	25,948,677						
6/30/2017	14,080,837	21,338,329	28,194,326	29,204,066							
6/30/2018	16,622,176	25,984,324	31,022,546								
6/30/2019	18,540,174	26,134,396									
6/30/2020	18,304,619										
A.Y.E.	147 Months	159 Months	171 Months	183 Months	195 Months	207 Months	219 Months	231 Months	243 Months		
6/30/2001	19,243,758	19,248,759	19,248,758	19,148,758	19,148,758	19,248,758	19,248,760	19,249,758	19,249,758		
6/30/2002	17,359,438	17,514,937	17,501,398	17,726,557	17,770,963	17,771,248	17,771,248	17,771,248			
6/30/2003	21,135,502	21,136,634	21,129,941	21,129,941	21,145,941	21,145,941	21,145,941				
6/30/2004	23,262,229	23,284,730	23,334,729	23,334,729	23,334,729	23,316,777					
6/30/2005	19,736,593	19,731,593	19,731,593	19,788,038	19,788,038						
6/30/2006	20,916,404	20,916,404	20,916,404	20,918,933							
6/30/2007	22,813,856	22,813,956	22,813,958								
6/30/2008	23,755,123	23,771,906									
6/30/2009	21,966,012										

PREMISES/OPERATIONS (Subline Code 334)

OWNERS, LANDLORDS AND TENANTS

DEDUCTIBLE

MULTISTATE

BODILY INJURY - OCCURRENCE

INCURRED ACCIDENT YEAR BASIC LIMITS LOSS DEVELOPMENT EXCLUDING ALAE

Link Ratios

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

3 Yr Mean 1.496 1.244 1.058 1.011 0.998 1.004 0.998 0.994 1.002 0.998 0.998

Best 3/5 1.423 1.215 1.049 1.017 0.991 1.004 0.991 0.997 1.000 0.998 1.000

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

3 Yr Mean 1.000 1.000 1.001 1.000 1.000 @ 1.000 @ 1.000 @ 1.000 @

Best 3/5 1.000 1.000 1.001 1.000 1.000 \* 1.000 \* 1.000 \* 1.000 \*

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

A.Y.E.	147/159	159/171	171/183	183/195	195/207	207/219	219/231	231/243	243/Ult	FACTORS
6/30/2016	1.000	1.000	1.001	1.000	1.000	1.000	1.000	1.000	1.000*	0.982
6/30/2017	1.000	1.000	1.001	1.000	1.000	1.000	1.000	1.000	1.000*	0.999
6/30/2018	1.000	1.000	1.001	1.000	1.000	1.000	1.000	1.000	1.000*	1.048
6/30/2019	1.000	1.000	1.001	1.000	1.000	1.000	1.000	1.000	1.000*	1.273
6/30/2020	1.000	1.000	1.001	1.000	1.000	1.000	1.000	1.000	1.000*	1.811

\* Calculated Using Modified Bondy Method

@ Three year mean Excludes Modified Bondy ratios



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

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

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

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

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

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

Best 3/5	0.0636	0.0806	0.0584	0.0293	0.0125	0.0060	0.0027	0.0018	0.0013	0.0013	0.0004	0.0008	0.0008
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PREMISES/OPERATIONS (Subline Code 334)  
OWNERS, LANDLORDS AND TENANTS  
FULL COVERAGE  
MULTISTATE  
PROPERTY DAMAGE - OCCURRENCE  
INCURRED ACCIDENT YEAR BASIC LIMITS LOSS DEVELOPMENT EXCLUDING ALAE

\$100,000 Basic Limit Losses as of:

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

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

FULL COVERAGE  
MULTISTATE

PROPERTY DAMAGE - OCCURRENCE

INCURRED ACCIDENT YEAR BASIC LIMITS LOSS DEVELOPMENT EXCLUDING ALAE

Link Ratios

A.Y.E.	27: 15	39: 27	51: 39	63: 51	75: 63	87: 75	99: 87	111: 99	123:111	135:123	147:135
6/30/2001	0.994	1.138	1.009	1.010	0.995	1.011	1.003	1.005	1.012	1.009	1.001
6/30/2002	1.170	1.032	1.037	1.011	1.017	1.020	1.007	1.011	1.004	1.008	1.006
6/30/2003	1.064	1.071	0.993	1.071	1.004	0.999	1.008	0.990	1.011	1.006	1.000
6/30/2004	1.140	1.035	1.039	1.051	1.008	0.996	1.003	1.003	1.006	1.005	1.008
6/30/2005	1.056	1.109	1.023	1.011	1.009	1.003	1.008	1.010	1.014	0.996	0.996
6/30/2006	1.083	1.060	1.019	1.015	1.025	1.010	1.003	1.007	0.995	0.999	1.003
6/30/2007	1.109	1.071	1.013	1.023	1.004	1.009	1.012	1.021	0.998	1.003	0.996
6/30/2008	1.104	1.040	1.001	1.016	1.020	1.008	0.998	1.005	1.010	0.999	1.000
6/30/2009	1.032	1.051	1.008	1.002	1.012	0.996	1.000	1.006	1.009	1.004	1.012
6/30/2010	1.128	1.046	1.021	1.018	1.001	0.999	1.000	1.006	1.000	1.003	
6/30/2011	1.088	1.018	1.008	1.002	1.008	1.007	1.010	0.998	1.004		
6/30/2012	1.077	1.045	1.009	1.010	1.000	1.014	1.002	0.999			
6/30/2013	1.104	1.036	1.041	1.009	1.015	1.018	1.001				
6/30/2014	1.058	1.034	1.041	1.003	1.006	1.003					
6/30/2015	1.089	1.033	1.062	1.035	0.998						
6/30/2016	1.159	1.115	1.007	1.028							
6/30/2017	1.134	1.085	1.048								
6/30/2018	1.247	1.091									
6/30/2019	1.165										

3 Yr Mean 1.182 1.097 1.039 1.022 1.006 1.012 1.004 1.001 1.004 1.002 1.003

Best 3/5 1.153 1.070 1.043 1.016 1.005 1.008 1.001 1.003 1.004 1.002 1.000

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

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

Best 3/5 1.000 1.001 1.002 1.002 1.003 \* 1.001 \* 1.001 \* 1.001 \*

A.Y.E.	15/ 27	27/ 39	39/ 51	51/ 63	63/ 75	75/ 87	87/ 99	99/111	111/123	123/135	135/147
6/30/2016					1.005	1.008	1.001	1.003	1.004	1.002	1.000
6/30/2017				1.016	1.005	1.008	1.001	1.003	1.004	1.002	1.000
6/30/2018			1.043	1.016	1.005	1.008	1.001	1.003	1.004	1.002	1.000
6/30/2019		1.070	1.043	1.016	1.005	1.008	1.001	1.003	1.004	1.002	1.000
6/30/2020	1.153	1.070	1.043	1.016	1.005	1.008	1.001	1.003	1.004	1.002	1.000

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

\* Calculated Using Modified Bondy Method

@ Three year mean Excludes Modified Bondy ratios

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

\$100,000 Basic Limit Losses as of:											
A.Y.E.	15 Months	27 Months	39 Months	51 Months	63 Months	75 Months	87 Months	99 Months	111 Months	123 Months	135 Months
6/30/2001	2,035,037	2,279,545	2,603,935	2,768,288	2,764,893	2,845,107	2,978,537	2,745,185	2,892,083	2,917,028	2,976,393
6/30/2002	1,629,551	1,910,256	1,980,618	1,993,758	2,098,967	2,219,537	2,155,521	2,088,093	2,193,592	2,193,593	2,200,093
6/30/2003	1,704,067	1,751,683	1,816,373	1,973,401	1,992,019	1,875,473	1,880,100	1,935,815	1,953,432	1,950,582	1,951,582
6/30/2004	2,248,733	2,384,378	2,677,258	3,053,113	3,217,624	3,198,410	3,110,632	3,203,649	3,145,649	3,213,219	3,212,340
6/30/2005	2,337,323	2,349,060	2,283,481	2,670,381	2,613,976	2,784,998	2,630,016	2,749,058	2,710,559	2,721,847	2,717,847
6/30/2006	1,751,357	2,009,842	2,271,715	2,212,719	2,271,702	2,404,801	2,516,500	2,529,597	2,517,556	2,519,779	2,450,413
6/30/2007	1,749,264	2,271,600	2,802,057	2,618,142	2,603,831	2,438,642	2,408,278	2,433,256	2,531,257	2,531,256	2,531,256
6/30/2008	1,483,524	1,895,416	1,453,660	1,508,256	1,447,971	1,480,001	1,458,190	1,450,990	1,452,990	1,453,092	1,474,301
6/30/2009	2,726,358	2,087,021	2,416,032	2,264,497	2,291,958	2,235,384	2,338,306	2,255,885	2,255,884	2,255,884	2,260,884
6/30/2010	1,761,937	1,771,532	1,725,682	1,824,373	1,922,703	1,965,703	2,016,698	1,965,698	2,064,703	1,960,057	1,959,694
6/30/2011	1,583,126	1,732,573	1,993,456	1,886,872	2,007,358	2,022,072	1,993,981	2,014,980	1,989,980	1,989,980	
6/30/2012	1,171,517	1,497,834	1,649,949	1,939,755	1,919,994	2,334,352	2,360,206	2,244,524	2,142,568		
6/30/2013	1,744,209	1,806,368	1,877,355	1,865,509	2,082,641	2,049,141	2,049,130	1,965,880			
6/30/2014	1,886,273	1,889,191	1,688,742	1,836,708	1,929,058	1,869,812	1,989,611				
6/30/2015	2,468,399	2,601,376	2,420,957	2,712,018	2,517,972	2,638,176					
6/30/2016	1,924,007	2,205,714	2,586,706	2,836,264	3,249,814						
6/30/2017	2,100,482	2,436,249	2,635,835	2,763,987							
6/30/2018	2,859,110	3,556,976	3,872,607								
6/30/2019	2,809,210	3,124,585									
6/30/2020	2,797,311										
A.Y.E.	147 Months	159 Months	171 Months	183 Months	195 Months	207 Months	219 Months	231 Months	243 Months		
6/30/2001	2,971,768	2,972,077	2,822,077	2,847,078	2,872,078	2,961,540	2,961,540	2,971,540	2,971,540		
6/30/2002	2,205,092	2,233,093	2,225,092	2,225,092	2,325,092	2,325,092	2,330,092	2,328,043			
6/30/2003	1,960,082	1,960,082	2,060,082	2,260,082	2,353,413	2,358,191	2,357,191				
6/30/2004	3,313,219	3,315,095	3,322,995	3,313,483	3,313,383	3,313,383					
6/30/2005	2,722,068	2,717,854	2,717,854	2,723,882	2,723,882						
6/30/2006	2,454,178	2,549,368	2,558,515	2,553,103							
6/30/2007	2,531,257	2,616,627	2,615,521								
6/30/2008	1,469,301	1,463,455									
6/30/2009	2,263,091										

PREMISES/OPERATIONS (Subline Code 334)

OWNERS, LANDLORDS AND TENANTS

DEDUCTIBLE

MULTISTATE

PROPERTY DAMAGE - OCCURRENCE

INCURRED ACCIDENT YEAR BASIC LIMITS LOSS DEVELOPMENT EXCLUDING ALAE

Link Ratios

<u>A.Y.E.</u>	<u>27: 15</u>	<u>39: 27</u>	<u>51: 39</u>	<u>63: 51</u>	<u>75: 63</u>	<u>87: 75</u>	<u>99: 87</u>	<u>111: 99</u>	<u>123:111</u>	<u>135:123</u>	<u>147:135</u>
6/30/2001	1.120	1.142	1.063	0.999	1.029	1.047	0.922	1.054	1.009	1.020	0.998
6/30/2002	1.172	1.037	1.007	1.053	1.057	0.971	0.969	1.051	1.000	1.003	1.002
6/30/2003	1.028	1.037	1.086	1.009	0.941	1.002	1.030	1.009	0.999	1.001	1.004
6/30/2004	1.060	1.123	1.140	1.054	0.994	0.973	1.030	0.982	1.021	1.000	1.031
6/30/2005	1.005	0.972	1.169	0.979	1.065	0.944	1.045	0.986	1.004	0.999	1.002
6/30/2006	1.148	1.130	0.974	1.027	1.059	1.046	1.005	0.995	1.001	0.972	1.002
6/30/2007	1.299	1.234	0.934	0.995	0.937	0.988	1.010	1.040	1.000	1.000	1.000
6/30/2008	1.278	0.767	1.038	0.960	1.022	0.985	0.995	1.001	1.000	1.015	0.997
6/30/2009	0.765	1.158	0.937	1.012	0.975	1.046	0.965	1.000	1.000	1.002	1.001
6/30/2010	1.005	0.974	1.057	1.054	1.022	1.026	0.975	1.050	0.949	1.000	
6/30/2011	1.094	1.151	0.947	1.064	1.007	0.986	1.011	0.988	1.000		
6/30/2012	1.279	1.102	1.176	0.990	1.216	1.011	0.951	0.955			
6/30/2013	1.036	1.039	0.994	1.116	0.984	1.000	0.959				
6/30/2014	1.002	0.894	1.088	1.050	0.969	1.064					
6/30/2015	1.054	0.931	1.120	0.928	1.048						
6/30/2016	1.146	1.173	1.096	1.146							
6/30/2017	1.160	1.082	1.049								
6/30/2018	1.244	1.089									
6/30/2019	1.112										
3 Yr Mean	1.172	1.115	1.088	1.041	1.000	1.025	0.974	0.998	0.983	1.006	0.999
Best 3/5	1.139	1.034	1.078	1.052	1.013	1.012	0.966	0.996	1.000	1.001	1.001

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

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

<u>A.Y.E.</u>	<u>15/ 27</u>	<u>27/ 39</u>	<u>39/ 51</u>	<u>51/ 63</u>	<u>63/ 75</u>	<u>75/ 87</u>	<u>87/ 99</u>	<u>99/111</u>	<u>111/123</u>	<u>123/135</u>	<u>135/147</u>
6/30/2016					1.013	1.012	0.966	0.996	1.000	1.001	1.001
6/30/2017				1.052	1.013	1.012	0.966	0.996	1.000	1.001	1.001
6/30/2018			1.078	1.052	1.013	1.012	0.966	0.996	1.000	1.001	1.001
6/30/2019		1.034	1.078	1.052	1.013	1.012	0.966	0.996	1.000	1.001	1.001
6/30/2020	1.139	1.034	1.078	1.052	1.013	1.012	0.966	0.996	1.000	1.001	1.001

<u>A.Y.E.</u>	<u>147/159</u>	<u>159/171</u>	<u>171/183</u>	<u>183/195</u>	<u>195/207</u>	<u>207/219</u>	<u>219/231</u>	<u>231/243</u>	<u>243/Ult</u>	<u>FACTORS</u>
6/30/2016	1.011	1.002	1.000	1.017	1.006	1.001	1.000	1.000	1.000*	1.025
6/30/2017	1.011	1.002	1.000	1.017	1.006	1.001	1.000	1.000	1.000*	1.079
6/30/2018	1.011	1.002	1.000	1.017	1.006	1.001	1.000	1.000	1.000*	1.163
6/30/2019	1.011	1.002	1.000	1.017	1.006	1.001	1.000	1.000	1.000*	1.202
6/30/2020	1.011	1.002	1.000	1.017	1.006	1.001	1.000	1.000	1.000*	1.369

\* Calculated Using Modified Bondy Method

@ Three year mean Excludes Modified Bondy ratios

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

<u>A.Y.E.</u>	<u>15 Months</u>	<u>27 Months</u>	<u>39 Months</u>	<u>51 Months</u>	<u>63 Months</u>	<u>75 Months</u>	<u>87 Months</u>	<u>99 Months</u>	<u>111 Months</u>	<u>123 Months</u>	<u>135 Months</u>
6/30/2001	5,733,308	10,451,696	17,091,777	19,963,743	24,183,065	28,033,517	31,379,706	34,882,745	36,072,821	35,894,316	35,744,316
6/30/2002	3,624,518	8,180,311	10,487,976	15,497,654	19,745,770	27,464,486	31,093,744	34,544,748	36,537,211	37,203,156	38,154,290
6/30/2003	3,423,721	6,865,536	10,850,744	14,928,769	18,447,903	19,988,542	21,453,605	22,195,415	22,577,510	23,011,155	23,186,025
6/30/2004	3,311,557	7,107,845	11,387,801	15,169,258	19,149,364	22,180,584	24,242,810	24,976,112	26,356,232	27,205,949	27,225,818
6/30/2005	3,701,412	7,271,340	12,790,993	16,300,442	19,072,717	20,956,535	21,905,731	22,687,318	23,601,202	25,376,783	25,642,273
6/30/2006	2,598,191	6,243,105	10,329,034	14,040,611	15,743,524	19,365,642	21,578,166	22,296,429	22,453,022	22,845,879	25,903,470
6/30/2007	3,436,344	8,725,504	13,213,744	18,022,102	20,098,602	22,231,252	24,823,095	25,356,790	27,203,796	27,573,732	27,850,597
6/30/2008	4,366,689	8,882,851	14,431,717	19,052,066	23,377,516	25,831,759	26,723,852	27,849,191	28,993,511	29,896,173	30,917,910
6/30/2009	4,100,789	8,243,347	13,845,224	16,942,994	20,566,562	22,272,807	23,289,706	24,490,197	25,387,867	30,075,492	30,411,675
6/30/2010	4,769,494	10,113,567	15,959,222	20,854,803	24,418,316	26,537,079	29,082,695	30,118,922	30,910,114	31,079,996	31,676,473
6/30/2011	5,487,270	12,682,388	17,540,535	22,499,061	26,578,271	28,916,848	29,352,336	29,878,371	30,072,063	30,584,010	
6/30/2012	6,095,766	10,636,120	16,274,811	21,157,089	24,444,080	26,855,587	28,762,263	30,276,723	31,723,422		
6/30/2013	5,953,530	10,988,312	17,525,143	24,303,124	25,861,957	26,299,950	26,812,397	28,088,931			
6/30/2014	6,262,189	12,004,786	16,122,357	19,072,534	20,594,664	25,310,736	25,995,419				
6/30/2015	6,330,859	12,295,634	19,419,144	24,192,249	28,506,570	30,252,359					
6/30/2016	5,622,689	10,647,660	17,795,590	23,485,247	26,813,193						
6/30/2017	6,425,334	12,502,336	18,623,627	23,493,872							
6/30/2018	6,847,995	15,369,601	22,439,698								
6/30/2019	5,631,580	11,473,435									
6/30/2020	7,217,339										

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

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

A.Y.E.	27: 15	39: 27	51: 39	63: 51	75: 63	87: 75	99: 87	111: 99	123: 111	135: 123	147: 135	159:147	171:159
6/30/2001	4,718,388	6,640,081	2,871,966	4,219,322	3,850,452	3,346,189	3,503,039	1,190,076	-178,505	-150,000	420,733	193,143	-14,698
6/30/2002	4,555,793	2,307,665	5,009,678	4,248,116	7,718,716	3,629,258	3,451,004	1,992,463	665,945	951,134	780,282	94,073	-15,407
6/30/2003	3,441,815	3,985,208	4,078,025	3,519,134	1,540,639	1,465,063	741,810	382,095	433,645	174,870	48,053	50,496	-49,216
6/30/2004	3,796,288	4,279,956	3,781,457	3,980,106	3,031,220	2,062,226	733,302	1,380,120	849,717	19,869	848,890	61,033	59,717
6/30/2005	3,569,928	5,519,653	3,509,449	2,772,275	1,883,818	949,196	781,587	913,884	1,775,581	265,490	-67,802	378,452	219,178
6/30/2006	3,644,914	4,085,929	3,711,577	1,702,913	3,622,118	2,212,524	718,263	156,593	392,857	3,057,591	326,196	-127,724	207,197
6/30/2007	5,289,160	4,488,240	4,808,358	2,076,500	2,132,650	2,591,843	533,695	1,847,006	369,936	276,865	174,170	148,339	-9,138
6/30/2008	4,516,162	5,548,866	4,620,349	4,325,450	2,454,243	892,093	1,125,339	1,144,320	902,662	1,021,737	375,119	114,955	
6/30/2009	4,142,558	5,601,877	3,097,770	3,623,568	1,706,245	1,016,899	1,200,491	897,670	4,687,625	336,183	-1,399,622		
6/30/2010	5,344,073	5,845,655	4,895,581	3,563,513	2,118,763	2,545,616	1,036,227	791,192	169,882	596,477			
6/30/2011	7,195,118	4,858,147	4,958,526	4,079,210	2,338,577	435,488	526,035	193,692	511,947				
6/30/2012	4,540,354	5,638,691	4,882,278	3,286,991	2,411,507	1,906,676	1,514,460	1,446,699					
6/30/2013	5,034,782	6,536,831	6,777,981	1,558,833	437,993	512,447	1,276,534						
6/30/2014	5,742,597	4,117,571	2,950,177	1,522,130	4,716,072	684,683							
6/30/2015	5,964,775	7,123,510	4,773,105	4,314,321	1,745,789								
6/30/2016	5,024,971	7,147,930	5,689,657	3,327,946									
6/30/2017	6,077,002	6,121,291	4,870,245										
6/30/2018	8,521,606	7,070,097											
6/30/2019	5,841,855												

A.Y.E.	27: 15	39: 27	51: 39	63: 51	75: 63	87: 75	99: 87	111: 99	123: 111	135: 123	147: 135	159:147	171:159
6/30/2001	0.0790	0.1112	0.0481	0.0707	0.0645	0.0560	0.0587	0.0199	-0.0030	-0.0025	0.0070	0.0032	-0.0002
6/30/2002	0.0749	0.0380	0.0824	0.0699	0.1270	0.0597	0.0568	0.0328	0.0110	0.0156	0.0128	0.0015	-0.0003
6/30/2003	0.0643	0.0745	0.0762	0.0658	0.0288	0.0274	0.0139	0.0071	0.0081	0.0033	0.0009	0.0009	-0.0009
6/30/2004	0.0712	0.0803	0.0709	0.0746	0.0568	0.0387	0.0138	0.0259	0.0159	0.0004	0.0159	0.0011	0.0011
6/30/2005	0.0769	0.1189	0.0756	0.0597	0.0406	0.0205	0.0168	0.0197	0.0383	0.0057	-0.0015	0.0082	0.0047
6/30/2006	0.0843	0.0945	0.0859	0.0394	0.0838	0.0512	0.0166	0.0036	0.0091	0.0707	0.0075	-0.0030	0.0048
6/30/2007	0.1102	0.0935	0.1002	0.0433	0.0444	0.0540	0.0111	0.0385	0.0077	0.0058	0.0036	0.0031	-0.0002
6/30/2008	0.0861	0.1058	0.0881	0.0825	0.0468	0.0170	0.0215	0.0218	0.0172	0.0195	0.0072	0.0022	
6/30/2009	0.0756	0.1022	0.0565	0.0661	0.0311	0.0185	0.0219	0.0164	0.0855	0.0061	-0.0255		
6/30/2010	0.0907	0.0992	0.0831	0.0605	0.0360	0.0432	0.0176	0.0134	0.0029	0.0101			
6/30/2011	0.1039	0.0701	0.0716	0.0589	0.0338	0.0063	0.0076	0.0028	0.0074				
6/30/2012	0.0675	0.0839	0.0726	0.0489	0.0359	0.0284	0.0225	0.0215					
6/30/2013	0.0765	0.0993	0.1030	0.0237	0.0067	0.0078	0.0194						
6/30/2014	0.0759	0.0544	0.0390	0.0201	0.0623	0.0090							
6/30/2015	0.0782	0.0933	0.0625	0.0565	0.0229								
6/30/2016	0.0718	0.1021	0.0813	0.0476									
6/30/2017	0.0804	0.0809	0.0644										
6/30/2018	0.0983	0.0815											
6/30/2019	0.0700												

Best 3/5	0.0768	0.0853	0.0694	0.0400	0.0308	0.0151	0.0196	0.0171	0.0108	0.0119	0.0031	0.0021	0.0019
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PREMISES/OPERATIONS (Subline Code 334)  
OWNERS, LANDLORDS AND TENANTS  
FULL COVERAGE  
MULTISTATE  
FRINGE COVERAGE - OCCURRENCE  
INCURRED ACCIDENT YEAR BASIC LIMITS LOSS DEVELOPMENT EXCLUDING ALAE

\$100,000 Basic Limit Losses as of:

<u>A.Y.E.</u>	<u>15 Months</u>	<u>27 Months</u>	<u>39 Months</u>	<u>51 Months</u>	<u>63 Months</u>	<u>75 Months</u>	<u>87 Months</u>	<u>99 Months</u>	<u>111 Months</u>	<u>123 Months</u>	<u>135 Months</u>
6/30/2001	13,384,222	29,291,295	31,804,222	35,200,694	36,764,932	36,754,955	36,945,131	36,971,716	37,044,971	36,846,568	36,615,423
6/30/2002	15,362,374	18,769,289	22,220,371	24,840,331	22,848,106	22,260,520	22,147,459	21,931,392	22,103,294	22,157,418	22,014,620
6/30/2003	11,262,126	13,881,263	17,341,647	15,557,894	15,454,014	15,639,623	14,816,730	14,593,570	14,823,502	14,640,371	14,834,038
6/30/2004	16,609,979	21,795,855	18,793,534	19,370,204	18,891,303	18,450,597	18,491,447	18,397,448	18,408,488	18,635,145	18,604,800
6/30/2005	14,556,775	18,678,744	21,147,798	20,743,068	20,277,111	20,371,609	19,969,956	20,068,529	20,164,562	20,439,318	20,383,237
6/30/2006	19,338,620	23,494,620	24,388,910	23,604,773	22,930,689	22,829,033	22,541,523	22,640,052	22,433,115	22,254,267	22,269,268
6/30/2007	18,480,636	22,420,519	23,073,434	23,371,141	23,210,278	22,718,485	22,623,885	22,758,941	22,826,499	23,060,981	22,993,831
6/30/2008	17,053,908	18,816,847	18,686,506	18,660,126	18,649,920	18,798,492	19,101,109	19,301,002	19,253,467	19,277,640	19,169,300
6/30/2009	14,056,661	16,358,584	15,976,239	16,100,495	16,985,433	17,061,923	17,124,227	16,953,750	16,687,154	16,767,155	16,811,251
6/30/2010	12,079,749	15,408,822	16,260,567	16,119,763	16,506,925	16,284,120	16,051,315	15,995,201	16,119,687	16,452,615	16,302,476
6/30/2011	9,803,314	11,427,155	12,487,095	13,472,970	13,591,976	13,546,026	13,237,177	12,945,110	13,183,265	13,219,258	
6/30/2012	8,786,599	11,237,085	11,093,695	11,331,053	11,730,188	11,169,395	11,079,048	11,210,561	11,233,200		
6/30/2013	9,116,299	10,718,650	12,025,642	12,165,492	12,479,097	12,458,132	12,319,029	12,332,359			
6/30/2014	8,317,166	11,249,546	14,333,011	14,406,327	14,689,614	14,886,158	14,870,036				
6/30/2015	8,862,808	11,368,286	14,799,956	16,763,496	17,581,545	17,535,141					
6/30/2016	10,179,377	13,089,628	16,688,746	16,916,114	16,734,299						
6/30/2017	10,117,307	13,210,175	14,361,399	14,651,607							
6/30/2018	10,879,300	14,262,222	15,316,196								
6/30/2019	7,784,788	9,435,255									
6/30/2020	13,078,294										
<u>A.Y.E.</u>	<u>147 Months</u>	<u>159 Months</u>	<u>171 Months</u>	<u>183 Months</u>	<u>195 Months</u>	<u>207 Months</u>	<u>219 Months</u>	<u>231 Months</u>	<u>243 Months</u>		
6/30/2001	36,514,067	36,698,767	36,698,767	36,788,767	36,799,102	36,799,001	36,903,502	36,903,501	37,004,551		
6/30/2002	22,159,183	22,242,658	22,342,658	22,296,008	22,288,158	22,418,759	22,518,758	22,593,758			
6/30/2003	14,789,768	14,854,669	14,858,966	14,936,466	15,053,964	15,053,964	15,053,964				
6/30/2004	18,400,686	18,475,797	18,520,597	18,632,991	18,632,991	18,632,991					
6/30/2005	20,129,489	20,254,486	20,326,881	20,226,881	20,326,884						
6/30/2006	22,478,018	22,339,518	22,439,517	22,340,016							
6/30/2007	22,943,661	23,004,557	22,993,425								
6/30/2008	19,069,300	19,089,300									
6/30/2009	16,782,476										

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

FULL COVERAGE

MULTISTATE

FRINGE COVERAGE - OCCURRENCE

INCURRED ACCIDENT YEAR BASIC LIMITS LOSS DEVELOPMENT EXCLUDING ALAE

Link Ratios

A.Y.E.	27: 15	39: 27	51: 39	63: 51	75: 63	87: 75	99: 87	111: 99	123:111	135:123	147:135
6/30/2001	2.188	1.086	1.107	1.044	1.000	1.005	1.001	1.002	0.995	0.994	0.997
6/30/2002	1.222	1.184	1.118	0.920	0.974	0.995	0.990	1.008	1.002	0.994	1.007
6/30/2003	1.233	1.249	0.897	0.993	1.012	0.947	0.985	1.016	0.988	1.013	0.997
6/30/2004	1.312	0.862	1.031	0.975	0.977	1.002	0.995	1.001	1.012	0.998	0.989
6/30/2005	1.283	1.132	0.981	0.978	1.005	0.980	1.005	1.005	1.014	0.997	0.988
6/30/2006	1.215	1.038	0.968	0.971	0.996	0.987	1.004	0.991	0.992	1.001	1.009
6/30/2007	1.213	1.029	1.013	0.993	0.979	0.996	1.006	1.003	1.010	0.997	0.998
6/30/2008	1.103	0.993	0.999	0.999	1.008	1.016	1.010	0.998	1.001	0.994	0.995
6/30/2009	1.164	0.977	1.008	1.055	1.005	1.004	0.990	0.984	1.005	1.003	0.998
6/30/2010	1.276	1.055	0.991	1.024	0.987	0.986	0.997	1.008	1.021	0.991	
6/30/2011	1.166	1.093	1.079	1.009	0.997	0.977	0.978	1.018	1.003		
6/30/2012	1.279	0.987	1.021	1.035	0.952	0.992	1.012	1.002			
6/30/2013	1.176	1.122	1.012	1.026	0.998	0.989	1.001				
6/30/2014	1.353	1.274	1.005	1.020	1.013	0.999					
6/30/2015	1.283	1.302	1.133	1.049	0.997						
6/30/2016	1.286	1.275	1.014	0.989							
6/30/2017	1.306	1.087	1.020								
6/30/2018	1.311	1.074									
6/30/2019	1.212										
3 Yr Mean	1.276	1.145	1.056	1.019	1.003	0.993	0.997	1.009	1.010	0.996	0.997
Best 3/5	1.292	1.212	1.015	1.027	0.997	0.989	0.996	1.003	1.006	0.997	0.997

A.Y.E.	159:147	171:159	183:171	195:183	207:195	219:207	231:219	243:231
6/30/2001	1.005	1.000	1.002	1.000	1.000	1.003	1.000	1.003
6/30/2002	1.004	1.004	0.998	1.000	1.006	1.004	1.003	1.002 *
6/30/2003	1.004	1.000	1.005	1.008	1.000	1.000	1.002 *	1.002 *
6/30/2004	1.004	1.002	1.006	1.000	1.000	1.001 *	1.002 *	1.002 *
6/30/2005	1.006	1.004	0.995	1.005	1.002 *	1.001 *	1.002 *	1.002 *
6/30/2006	0.994	1.004	0.996					
6/30/2007	1.003	1.000						
6/30/2008	1.001							

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

A.Y.E.	15/ 27	27/ 39	39/ 51	51/ 63	63/ 75	75/ 87	87/ 99	99/111	111/123	123/135	135/147
6/30/2016					0.997	0.989	0.996	1.003	1.006	0.997	0.997
6/30/2017				1.027	0.997	0.989	0.996	1.003	1.006	0.997	0.997
6/30/2018			1.015	1.027	0.997	0.989	0.996	1.003	1.006	0.997	0.997
6/30/2019		1.212	1.015	1.027	0.997	0.989	0.996	1.003	1.006	0.997	0.997
6/30/2020	1.292	1.212	1.015	1.027	0.997	0.989	0.996	1.003	1.006	0.997	0.997

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

\* Calculated Using Modified Bondy Method

@ Three year mean Excludes Modified Bondy ratios

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

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

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

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

A.Y.E.	27: 15	39: 27	51: 39	63: 51	75: 63	87: 75	99: 87	111: 99	123: 111	135: 123	147: 135	159:147	171:159
6/30/2001	10,494,944	6,225,237	6,732,256	3,261,672	4,783,772	1,397,099	704,283	867,868	1,130,524	36,714	-43,310	1,292	6,160
6/30/2002	4,820,553	4,334,314	3,717,985	-246,119	2,264,218	1,302,514	-115,826	144,304	178,868	20,001	88,779	44,984	64,378
6/30/2003	5,335,781	2,799,071	3,406,899	1,657,524	1,412,728	8,305,138	1,910,129	3,685,755	408,617	302,818	-30,625	2,828,991	8,219
6/30/2004	4,005,188	4,740,142	4,843,557	3,162,482	335,553	76,958	918,561	438,278	95,307	156,856	-38,121	211,507	-17,783
6/30/2005	5,555,122	5,627,246	2,732,315	1,395,691	2,018,385	-52,013	-2,972	939,695	1,016,432	411,656	322,374	1,403,223	300,662
6/30/2006	6,254,739	4,208,175	3,169,119	1,729,012	1,267,482	3,679,153	1,244,582	2,384,337	2,629,295	109,807	252,113	88,306	239,621
6/30/2007	5,127,824	8,824,084	3,904,008	2,199,458	453,641	-3,942,057	3,060,964	34,797	33,112	69,427	30,275	95,036	7,996
6/30/2008	5,050,973	5,600,155	4,092,054	648,768	932,511	670,573	642,243	125,196	212,391	292,194	43,000	252,345	
6/30/2009	5,271,073	3,711,000	5,514,008	6,310,515	2,627,972	747,164	468,988	353,556	492,227	-3,249,073	3,955,063		
6/30/2010	8,808,762	7,753,603	2,239,253	4,831,820	3,369,115	1,961,700	1,673,944	152,673	328,836	6,087,943			
6/30/2011	8,781,655	6,658,409	5,172,188	4,761,090	2,281,959	1,781,582	436,914	294,127	861,622				
6/30/2012	6,797,155	2,875,708	10,340,630	1,347,442	3,402,299	2,208,204	1,596,535	762,397					
6/30/2013	6,116,905	4,107,399	5,302,505	3,512,185	2,193,752	4,180,589	-3,660,112						
6/30/2014	7,685,435	5,715,824	1,203,458	5,240,769	5,087,106	2,294,954							
6/30/2015	5,241,641	6,839,563	8,496,650	2,463,655	2,574,199								
6/30/2016	5,927,384	4,120,920	1,785,301	1,867,725									
6/30/2017	6,237,570	4,119,210	3,927,741										
6/30/2018	10,938,030	7,240,803											
6/30/2019	3,016,325												

A.Y.E.	27: 15	39: 27	51: 39	63: 51	75: 63	87: 75	99: 87	111: 99	123: 111	135: 123	147: 135	159:147	171:159
6/30/2001	0.1785	0.1059	0.1145	0.0555	0.0813	0.0238	0.0120	0.0148	0.0192	0.0006	-0.0007	0.0000	0.0001
6/30/2002	0.1338	0.1203	0.1032	-0.0068	0.0628	0.0361	-0.0032	0.0040	0.0050	0.0006	0.0025	0.0012	0.0018
6/30/2003	0.2224	0.1167	0.1420	0.0691	0.0589	0.3461	0.0796	0.1536	0.0170	0.0126	-0.0013	0.1179	0.0003
6/30/2004	0.1333	0.1577	0.1612	0.1052	0.0112	0.0026	0.0306	0.0146	0.0032	0.0052	-0.0013	0.0070	-0.0006
6/30/2005	0.1622	0.1643	0.0798	0.0408	0.0589	-0.0015	-0.0001	0.0274	0.0297	0.0120	0.0094	0.0410	0.0088
6/30/2006	0.1921	0.1292	0.0973	0.0531	0.0389	0.1130	0.0382	0.0732	0.0808	0.0034	0.0077	0.0027	0.0074
6/30/2007	0.1453	0.2501	0.1106	0.0623	0.0129	-0.1117	0.0867	0.0010	0.0009	0.0020	0.0009	0.0027	0.0002
6/30/2008	0.1772	0.1965	0.1436	0.0228	0.0327	0.0235	0.0225	0.0044	0.0075	0.0103	0.0015	0.0089	
6/30/2009	0.1977	0.1392	0.2068	0.2367	0.0986	0.0280	0.0176	0.0133	0.0185	-0.1219	0.1483		
6/30/2010	0.2844	0.2504	0.0723	0.1560	0.1088	0.0633	0.0540	0.0049	0.0106	0.1966			
6/30/2011	0.3665	0.2779	0.2159	0.1987	0.0952	0.0744	0.0182	0.0123	0.0360				
6/30/2012	0.3486	0.1475	0.5303	0.0691	0.1745	0.1132	0.0819	0.0391					
6/30/2013	0.2856	0.1918	0.2475	0.1640	0.1024	0.1952	-0.1709						
6/30/2014	0.2938	0.2185	0.0460	0.2004	0.1945	0.0877							
6/30/2015	0.1740	0.2271	0.2821	0.0818	0.0855								
6/30/2016	0.2103	0.1462	0.0633	0.0663									
6/30/2017	0.2423	0.1600	0.1526										
6/30/2018	0.3640	0.2410											
6/30/2019	0.1485												

Best 3/5	0.2089	0.2019	0.1545	0.1050	0.1240	0.0918	0.0300	0.0102	0.0122	0.0052	0.0062	0.0062	0.0026
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Multistate Review of ULAE Experience  
General Liability Including CMP Liability  
Loss Adjustment Expense Special Call  
Calendar Years 2015- 2019

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

Notes: All dollar amounts are displayed in thousands.

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

PREMISES / OPERATIONS  
TREND SUMMARY  
AVERAGE ANNUAL PERCENT CHANGES

(1) <u>EXPOSURE TREND</u>	<u>MANUFACTURERS</u>	<u>CONTRACTORS</u>	<u>OL&amp;T</u> <u>CLASS GROUPS 1-13 *</u>	<u>OL&amp;T</u> <u>CLASS GROUP 16</u>	<u>PREMISES/</u> <u>OPERATIONS</u>
a) 1/1/2018 to 1/1/2023 AYE 6/30/2018	+ 1.4%	+ 2.5%	+ 1.2%	+ 2.3%	+ 1.1%
b) 1/1/2019 to 1/1/2023 AYE 6/30/2019	+ 1.4%	+ 2.3%	+ 1.2%	+ 2.0%	+ 1.0%
c) 1/1/2020 to 1/1/2023 AYE 6/30/2020	+ 2.0%	+ 2.3%	+ 1.2%	+ 2.2%	+ 1.1%

	<u>MANUFACTURERS &amp; CONTRACTORS</u>			<u>OWNERS, LANDLORDS &amp; TENANTS</u>		
(2) <u>OCCURRENCE SEVERITY</u>	<u>Bodily</u> <u>Injury</u>	<u>Property</u> <u>Damage</u>	<u>Fringe</u>	<u>Bodily</u> <u>Injury</u>	<u>Property</u> <u>Damage</u>	<u>Fringe</u>
a) Fitted						
All Years (20 Points)	+ 4.4%	+ 5.6%	- 3.2%	+ 4.9%	+ 6.2%	- 4.4%
Eight Year (16 Points)	+ 4.8%	+ 4.2%	- 7.9%	+ 5.3%	+ 7.3%	- 2.4%
Six Year (12 Points)	+ 4.8%	+ 4.1%	- 10.0%	+ 5.6%	+ 9.4%	+ 0.9%
b) Selected	+ 4.5%	+ 4.5%	0.0%	+ 4.5%	+ 5.5%	0.0%

(3) <u>FREQUENCY TREND</u>	<u>M&amp;C</u>	<u>OL&amp;T</u>
Selected	0.0%	- 0.5%
(4) <u>TOTAL ANNUAL NET TREND</u>	+ 2.3%	+ 3.7%

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

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

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

MANUFACTURERS AND CONTRACTORS  
AVERAGE ANNUAL EXPOSURE TRENDS  
FOR ACCIDENT YEARS ENDING 6/30/2018, 6/30/2019 & 6/30/2020

(1)				(2)				(3)			
YEAR ENDING		MANUFACTURERS		CONTRACTORS		MANUFACTURERS		CONTRACTORS			
QUARTER*		CLASS GROUP		CLASS GROUP		CLASS GROUP		CLASS GROUP			
		SALES EXPOSURE		PAYROLL EXPOSURE		SALES EXPOSURE		PAYROLL EXPOSURE			
		INDICES		INDICES		INDICES		INDICES			
2010	1	0.964	22.806	2017	1	1.033	26.160				
	2	0.962	22.928		2	1.034	26.326				
	3	0.962	23.080		3	1.037	26.527				
	4	0.965	23.208		4	1.040	26.716				
2011	1	0.968	23.312	2018	1	1.043	26.955				
	2	0.973	23.427		2	1.047	27.203				
	3	0.978	23.556		3	1.051	27.440				
	4	0.982	23.638		4	1.054	27.728				
2012	1	0.986	23.715	2019	1	1.057	27.950				
	2	0.990	23.794		2	1.060	28.185				
	3	0.995	23.873		3	1.062	28.361				
	4	1.000	23.965		4	1.064	28.515				
2013	1	1.004	24.062	2020	1	1.065	28.703				
	2	1.006	24.140		2	1.059	28.830				
	3	1.008	24.167		3	1.057	29.003				
	4	1.010	24.208		4	1.058	29.191				
2014	1	1.012	24.299	2021	1P	1.059	29.382				
	2	1.016	24.405		2P	1.067	29.600				
	3	1.019	24.538		3P	1.073	29.785				
	4	1.022	24.663		4P	1.079	29.940				
2015	1	1.024	24.759	2022	1P	1.088	30.077				
	2	1.026	24.909		2P	1.096	30.217				
	3	1.027	25.013		3P	1.104	30.365				
	4	1.030	25.172		4P	1.111	30.519				
2016	1	1.030	25.313	2023	1P	1.117	30.679				
	2	1.030	25.480		2P	1.122	30.848				
	3	1.029	25.731		3P	1.128	31.020				
	4	1.030	25.938		4P	1.133	31.197				
CHANGE IN EXPOSURES				MANUFACTURERS				CONTRACTORS			
1/1/2018 to 1/1/2023		(2023:2/2018:2)	1.072	1.134							
1/1/2019 to 1/1/2023		(2023:2/2019:2)	1.059	1.094							
1/1/2020 to 1/1/2023		(2023:2/2020:2)	1.060	1.070							
AVERAGE ANNUAL TREND FACTOR											
1/1/2018 to 1/1/2023		( 5.0 YRS )	1.014	1.025							
1/1/2019 to 1/1/2023		( 4.0 YRS )	1.014	1.023							
1/1/2020 to 1/1/2023		( 3.0 YRS )	1.020	1.023							

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

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

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

- <sup>1</sup> 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.
- <sup>2</sup> Volume weights are based on each type of class's inflation-adjusted contribution to GDP in year ending 6/30/2020. Inflation adjusted GDP is measured in terms of 2012 prices.
- <sup>3</sup> Inflation trends are based on average annual growth rates in consumption components starting 2018 to 2023.
- <sup>4</sup> This OL&T exposure trend is applied only to those classes in class groups 1-13 which have inflation-sensitive exposure bases.



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

YEAR ENDING QUARTER		FURNITURE	OTHER DURABLE GOODS	CLOTHING AND SHOES	FOOD AND BEVERAGES	OTHER NONDURABLE GOODS	RECREATION SERVICES	YEAR ENDING QUARTER		FURNITURE	OTHER DURABLE GOODS	CLOTHING AND SHOES	FOOD AND BEVERAGES	OTHER NONDURABLE GOODS	RECREATION SERVICES
2010	1	1.051	0.984	0.957	0.936	0.962	0.949	2017	1	0.895	0.897	0.999	1.066	1.042	1.086
	2	1.039	0.983	0.956	0.937	0.966	0.953		2	0.888	0.893	0.997	1.068	1.046	1.092
	3	1.027	0.982	0.953	0.940	0.968	0.955		3	0.882	0.890	0.995	1.071	1.048	1.100
	4	1.015	0.982	0.949	0.943	0.970	0.957		4	0.875	0.887	0.992	1.075	1.050	1.108
2011	1	1.006	0.987	0.947	0.948	0.973	0.960	2018	1	0.869	0.885	0.991	1.078	1.052	1.114
	2	1.001	0.994	0.949	0.955	0.977	0.964		2	0.866	0.882	0.994	1.082	1.054	1.120
	3	1.000	1.002	0.955	0.965	0.981	0.968		3	0.864	0.878	0.993	1.086	1.055	1.126
	4	1.000	1.008	0.965	0.975	0.985	0.973		4	0.866	0.871	0.993	1.090	1.056	1.131
2012	1	1.001	1.011	0.976	0.984	0.990	0.980	2019	1	0.868	0.862	0.991	1.095	1.055	1.136
	2	1.001	1.009	0.988	0.991	0.993	0.986		2	0.869	0.857	0.984	1.100	1.055	1.142
	3	1.000	1.005	0.994	0.996	0.997	0.993		3	0.872	0.852	0.984	1.105	1.056	1.147
	4	1.000	1.000	1.000	1.000	1.000	1.000		4	0.872	0.851	0.979	1.110	1.060	1.153
2013	1	0.998	0.994	1.005	1.004	1.001	1.005	2020	1	0.870	0.848	0.976	1.113	1.063	1.160
	2	0.994	0.989	1.006	1.008	1.001	1.009		2	0.869	0.842	0.961	1.117	1.066	1.166
	3	0.988	0.985	1.009	1.012	1.001	1.013		3	0.872	0.835	0.944	1.123	1.070	1.173
	4	0.981	0.979	1.010	1.015	1.002	1.017		4	0.878	0.827	0.930	1.130	1.070	1.181
2014	1	0.972	0.970	1.010	1.018	1.004	1.022	2021	1P	0.882	0.824	0.923	1.136	1.071	1.188
	2	0.962	0.959	1.012	1.024	1.006	1.028		2P	0.885	0.825	0.931	1.141	1.073	1.193
	3	0.954	0.950	1.013	1.030	1.009	1.032		3P	0.884	0.825	0.936	1.145	1.075	1.200
	4	0.947	0.940	1.013	1.038	1.013	1.036		4P	0.882	0.827	0.941	1.150	1.079	1.207
2015	1	0.940	0.931	1.011	1.045	1.017	1.038	2022	1P	0.882	0.828	0.941	1.156	1.084	1.216
	2	0.936	0.923	1.007	1.050	1.021	1.042		2P	0.882	0.828	0.941	1.163	1.090	1.225
	3	0.930	0.914	1.004	1.054	1.023	1.047		3P	0.884	0.830	0.942	1.170	1.096	1.235
	4	0.924	0.906	1.001	1.058	1.025	1.052		4P	0.886	0.831	0.943	1.177	1.103	1.245
2016	1	0.920	0.902	0.999	1.061	1.027	1.058	2023	1P	0.888	0.833	0.945	1.185	1.110	1.255
	2	0.913	0.901	0.999	1.063	1.030	1.064		2P	0.890	0.834	0.946	1.192	1.117	1.264
	3	0.907	0.899	0.998	1.064	1.034	1.071		3P	0.890	0.835	0.946	1.199	1.125	1.273
	4	0.900	0.899	0.998	1.065	1.038	1.077		4P	0.890	0.835	0.947	1.206	1.132	1.281
Change In Exposures*								Average Annual Trend Factor							
1/1/2018 to 1/1/2023 (2023:2/2018:2)								1/1/2018 to 1/1/2023 (5.0 Years)							
		1.028	0.946	0.951	1.102	1.060	1.129			0.5%	-1.1%	-1.0%	2.0%	1.2%	2.4%

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

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

(1) YEAR ENDING QUARTER		(2) YEARLY VALUES BASED ON MOODY'S ANALYTICS EXPOSURE HISTORY AND FORECASTS @	(1) YEAR ENDING QUARTER		(2) YEARLY VALUES BASED ON MOODY'S ANALYTICS EXPOSURE HISTORY AND FORECASTS @
2010	1	0.926	2017	1	1.064
	2	0.933		2	1.069
	3	0.940		3	1.076
	4	0.947		4	1.085
2011	1	0.954	2018	1	1.094
	2	0.962		2	1.106
	3	0.971		3	1.117
	4	0.977		4	1.128
2012	1	0.984	2019	1	1.135
	2	0.988		2	1.141
	3	0.992		3	1.146
	4	1.000		4	1.150
2013	1	1.007	2020	1	1.157
	2	1.016		2	1.159
	3	1.025		3	1.163
	4	1.033		4	1.168
2014	1	1.040	2021	1P	1.172
	2	1.046		2P	1.179
	3	1.052		3P	1.186
	4	1.056		4P	1.192
2015	1	1.056	2022	1P	1.200
	2	1.057		2P	1.207
	3	1.057		3P	1.214
	4	1.056		4P	1.221
2016	1	1.055	2023	1P	1.228
	2	1.055		2P	1.236
	3	1.055		3P	1.243
	4	1.058		4P	1.251
CHANGE IN EXPOSURES			AVERAGE ANNUAL TREND FACTOR		
1/1/2018 to 1/1/2023		(2023:2/2018:2) 1.118	1/1/2018 to 1/1/2023		( 5.0 YRS ) 1.023
1/1/2019 to 1/1/2023		(2023:2/2019:2) 1.083	1/1/2019 to 1/1/2023		( 4.0 YRS ) 1.020
1/1/2020 to 1/1/2023		(2023:2/2020:2) 1.066	1/1/2020 to 1/1/2023		( 3.0 YRS ) 1.022

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

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

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

(1) Accident Year Ending	(2) Basic Limit Paid Losses *	(3) Occurrences at Ultimate	(4) (2)/(3) Actual Severity	(5) Exponential Curve of Best Fit to Col (4)		
				10 Year	8 Year	6 Year
12/31/2010	\$ 234,729,164	4,286	\$ 54,766	\$ 55,361		
6/30/2011	252,188,154	4,459	56,557	56,579		
12/31/2011	261,162,665	4,333	60,273	57,824		
6/30/2012	233,198,602	3,823	60,999	59,096		
12/31/2012	216,563,887	3,593	60,274	60,396	\$ 59,457	
6/30/2013	217,595,780	3,610	60,276	61,724	60,860	
12/31/2013	225,605,509	3,680	61,306	63,082	62,297	
6/30/2014	253,218,694	3,898	64,961	64,470	63,768	
12/31/2014	250,226,518	3,656	68,443	65,888	65,273	\$ 65,117
6/30/2015	227,163,415	3,434	66,151	67,338	66,814	66,677
12/31/2015	222,280,928	3,389	65,589	68,819	68,391	68,274
6/30/2016	223,805,909	3,108	72,010	70,333	70,006	69,909
12/31/2016	225,208,910	3,103	72,578	71,880	71,658	71,584
6/30/2017	222,082,854	3,134	70,862	73,461	73,350	73,298
12/31/2017	237,454,676	3,154	75,287	75,077	75,082	75,054
6/30/2018	242,168,083	3,196	75,772	76,729	76,854	76,851
12/31/2018	237,551,125	3,187	74,538	78,417	78,669	78,692
6/30/2019	249,394,472	3,141	79,400	80,142	80,526	80,577
12/31/2019	257,728,021	3,140	82,079	81,905	82,427	82,507
6/30/2020	266,128,401	2,926	90,953	83,706	84,373	84,483
Goodness of Fit Statistic, R-Squared:				0.940	0.920	0.840
Average Annual Severity Trend (10 yr)				+ 4.4%		
Average Annual Severity Trend ( 8 yr)				+ 4.8%		
Average Annual Severity Trend ( 6 yr)				+ 4.8%		
Selected Annual Severity Trend				+ 4.5%		

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

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

(See Section B- Explanation of Trend Calculation).

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

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

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

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

(See Section B- Explanation of Trend Calculation).

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

(1) Accident Year Ending	(2) Basic Limit Paid Losses *	(3) Occurrences at Ultimate	(4) (2)/(3) Actual Severity	(5) Exponential Curve of Best Fit to Col (4)		
				10 Year	8 Year	6 Year
12/31/2010	\$ 26,763,588	944	\$ 28,351	\$ 41,348		
6/30/2011	24,636,186	782	31,504	40,690		
12/31/2011	20,682,850	595	34,761	40,042		
6/30/2012	18,204,869	472	38,570	39,404		
12/31/2012	16,618,871	443	37,514	38,777	\$ 49,215	
6/30/2013	19,125,773	424	45,108	38,159	47,229	
12/31/2013	24,963,147	472	52,888	37,551	45,322	
6/30/2014	22,867,510	515	44,403	36,953	43,493	
12/31/2014	19,686,427	504	39,060	36,365	41,737	\$ 45,049
6/30/2015	21,443,313	508	42,211	35,786	40,052	42,726
12/31/2015	19,461,409	525	37,069	35,216	38,435	40,524
6/30/2016	20,959,448	524	39,999	34,655	36,884	38,434
12/31/2016	19,578,519	483	40,535	34,103	35,395	36,453
6/30/2017	17,318,600	514	33,694	33,560	33,966	34,573
12/31/2017	22,138,257	536	41,303	33,025	32,595	32,791
6/30/2018	20,778,524	536	38,766	32,499	31,279	31,100
12/31/2018	14,295,937	497	28,764	31,982	30,016	29,497
6/30/2019	11,318,363	442	25,607	31,472	28,804	27,976
12/31/2019	10,033,256	461	21,764	30,971	27,642	26,533
6/30/2020	11,766,514	475	24,772	30,478	26,526	25,165
Goodness of Fit Statistic, R-Squared:				0.177	0.648	0.676
Average Annual Severity Trend (10 yr)				- 3.2%		
Average Annual Severity Trend ( 8 yr)				- 7.9%		
Average Annual Severity Trend ( 6 yr)				-10.0%		
Selected Annual Severity Trend				0.0%		

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

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

(See Section B- Explanation of Trend Calculation).

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

(1) Accident Year Ending	(2) Basic Limit Paid Losses *	(3) Occurrences at Ultimate	(4) (2)/(3) Actual Severity	(5) Exponential Curve of Best Fit to Col (4)		
				10 Year	8 Year	6 Year
12/31/2010	\$ \$665,832,289	19,643	\$ 33,897	\$ 33,226		
6/30/2011	687,869,955	19,978	34,431	34,028		
12/31/2011	679,872,414	19,126	35,547	34,850		
6/30/2012	616,835,338	16,934	36,426	35,691		
12/31/2012	586,810,233	16,077	36,500	36,553	\$ 35,820	
6/30/2013	616,444,325	16,806	36,680	37,436	36,762	
12/31/2013	667,835,473	17,769	37,584	38,340	37,729	
6/30/2014	743,745,054	18,976	39,194	39,266	38,721	
12/31/2014	741,321,917	18,138	40,871	40,214	39,740	\$ 39,339
6/30/2015	729,444,228	17,635	41,363	41,185	40,785	40,433
12/31/2015	758,260,336	17,896	42,370	42,179	41,858	41,557
6/30/2016	723,662,464	16,754	43,193	43,198	42,959	42,713
12/31/2016	734,463,694	16,847	43,596	44,241	44,088	43,901
6/30/2017	757,804,214	17,421	43,499	45,309	45,248	45,121
12/31/2017	788,159,308	17,881	44,078	46,403	46,438	46,376
6/30/2018	849,799,227	18,644	45,580	47,523	47,659	47,666
12/31/2018	855,175,451	18,121	47,193	48,671	48,913	48,991
6/30/2019	812,438,869	16,849	48,219	49,846	50,199	50,353
12/31/2019	808,784,788	15,799	51,192	51,049	51,520	51,753
6/30/2020	760,230,724	12,434	61,141	52,282	52,875	53,192
Goodness of Fit Statistic, R-Squared:				0.915	0.877	0.775
Average Annual Severity Trend (10 yr)				+ 4.9%		
Average Annual Severity Trend ( 8 yr)				+ 5.3%		
Average Annual Severity Trend ( 6 yr)				+ 5.6%		
Selected Annual Severity Trend				+ 4.5%		

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

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

(See Section B- Explanation of Trend Calculation).

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

(1) Accident Year Ending	(2) Basic Limit Paid Losses *	(3) Occurrences at Ultimate	(4) (2)/(3) Actual Severity	(5) Exponential Curve of Best Fit to Col (4)		
				10 Year	8 Year	6 Year
12/31/2010	\$ 74,504,049	8,602	\$ 8,661	\$ 8,217		
6/30/2011	75,447,198	8,821	8,553	8,469		
12/31/2011	80,987,927	8,723	9,284	8,728		
6/30/2012	76,147,000	7,997	9,522	8,995		
12/31/2012	73,767,122	7,565	9,751	9,270	\$ 8,812	
6/30/2013	71,800,967	7,674	9,356	9,553	9,129	
12/31/2013	76,822,031	7,653	10,038	9,845	9,458	
6/30/2014	73,794,655	7,840	9,413	10,146	9,798	
12/31/2014	72,549,546	7,808	9,292	10,457	10,151	\$ 9,519
6/30/2015	81,362,512	7,507	10,838	10,776	10,516	9,956
12/31/2015	84,304,274	7,539	11,182	11,106	10,895	10,413
6/30/2016	79,846,505	7,513	10,628	11,446	11,287	10,890
12/31/2016	86,930,325	7,591	11,452	11,796	11,693	11,390
6/30/2017	86,986,666	7,983	10,896	12,156	12,114	11,912
12/31/2017	95,578,455	7,920	12,068	12,528	12,550	12,458
6/30/2018	98,883,379	7,677	12,880	12,911	13,002	13,030
12/31/2018	96,620,529	7,470	12,934	13,306	13,470	13,627
6/30/2019	93,981,599	7,192	13,068	13,713	13,955	14,252
12/31/2019	102,689,999	6,872	14,943	14,132	14,457	14,906
6/30/2020	99,350,122	5,453	18,219	14,565	14,977	15,589
Goodness of Fit Statistic, R-Squared:				0.847	0.829	0.834
Average Annual Severity Trend (10 yr)				+ 6.2%		
Average Annual Severity Trend ( 8 yr)				+ 7.3%		
Average Annual Severity Trend ( 6 yr)				+ 9.4%		
Selected Annual Severity Trend				+ 5.5%		

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

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

(See Section B- Explanation of Trend Calculation).

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

(1) Accident Year Ending	(2) Basic Limit Paid Losses *	(3) Occurrences at Ultimate	(4) (2)/(3) Actual Severity	(5) Exponential Curve of Best Fit to Col (4)		
				10 Year	8 Year	6 Year
12/31/2010	\$ 40,002,637	547	\$ 73,131	\$ 88,110		
6/30/2011	41,106,996	486	84,582	86,151		
12/31/2011	50,507,813	426	118,563	84,236		
6/30/2012	38,998,149	346	112,711	82,363		
12/31/2012	27,598,698	340	81,173	80,532	\$ 72,353	
6/30/2013	27,192,893	379	71,749	78,741	71,493	
12/31/2013	31,973,114	414	77,230	76,991	70,643	
6/30/2014	35,541,181	469	75,781	75,279	69,803	
12/31/2014	31,016,365	511	60,697	73,605	68,973	\$ 61,565
6/30/2015	37,401,592	597	62,649	71,969	68,153	61,830
12/31/2015	40,974,026	690	59,383	70,369	67,342	62,097
6/30/2016	37,008,613	696	53,173	68,804	66,542	62,365
12/31/2016	34,367,854	635	54,123	67,274	65,751	62,634
6/30/2017	34,760,108	555	62,631	65,779	64,969	62,904
12/31/2017	44,426,584	534	83,196	64,316	64,196	63,176
6/30/2018	49,048,755	531	92,371	62,886	63,433	63,448
12/31/2018	35,205,404	504	69,852	61,488	62,679	63,722
6/30/2019	24,027,866	419	57,346	60,121	61,934	63,997
12/31/2019	22,511,021	421	53,470	58,784	61,197	64,273
6/30/2020	23,223,449	395	58,794	57,477	60,470	64,550
Goodness of Fit Statistic, R-Squared:				0.324	0.108	0.008
Average Annual Severity Trend (10 yr)				- 4.4%		
Average Annual Severity Trend ( 8 yr)				- 2.4%		
Average Annual Severity Trend ( 6 yr)				+ 0.9%		
Selected Annual Severity Trend				0.0%		

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

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

(See Section B- Explanation of Trend Calculation).



PREMISES/OPERATIONS  
MANUFACTURERS AND CONTRACTORS

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

MULTISTATE

Manual Classes (Full and Deductible Coverage)

Monoline and Multiline Combined

CGL Policies Only

Bodily Injury and Property Damage Combined

(1) Accident Year <u>Ending</u>	(2) Aggregate Loss Costs at <u>Current Level</u>	(3) Occurrences at <u>Ultimate</u> <sup>1</sup>	(4) Occurrence Frequency <u>(3)/(2)</u> <sup>2</sup>
6/30/2007	\$ 828,722,688	28,039	33.83
6/30/2008	832,856,246	27,836	33.42
6/30/2009	855,361,828	28,601	33.44
6/30/2010	790,974,894	27,990	35.39
6/30/2011	806,749,567	28,534	35.37
6/30/2012	817,626,627	26,689	32.64
6/30/2013	813,536,331	25,748	31.65
6/30/2014	871,844,129	26,727	30.66
6/30/2015	901,797,197	26,264	29.12
6/30/2016	916,024,101	26,864	29.33
6/30/2017	935,129,657	27,910	29.85
6/30/2018	952,527,452	27,866	29.25
6/30/2019	965,161,164	27,623	28.62
6/30/2020	969,204,870	24,647	25.43

Selected Annual Frequency Trend: 0.0%

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

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

PREMISES/OPERATIONS  
OWNERS, LANDLORDS AND TENANTS

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

MULTISTATE

Manual Classes (Full and Deductible Coverage)

Monoline and Multiline Combined

CGL Policies Only

Bodily Injury and Property Damage Combined

(1) Accident Year <u>Ending</u>	(2) Aggregate Loss Costs at <u>Current Level</u>	(3) Occurrences <u>at Ultimate<sup>1</sup></u>	(4) Occurrence Frequency <u>(3)/(2)<sup>2</sup></u>
6/30/2007	\$ 1,056,375,440	32,940	31.18
6/30/2008	1,108,402,886	32,447	29.27
6/30/2009	1,251,602,305	33,893	27.08
6/30/2010	1,314,800,250	33,662	25.60
6/30/2011	1,355,030,378	33,872	25.00
6/30/2012	1,351,762,962	29,201	21.60
6/30/2013	1,319,386,565	29,238	22.16
6/30/2014	1,380,595,605	32,330	23.42
6/30/2015	1,479,128,981	31,204	21.10
6/30/2016	1,501,429,674	30,456	20.28
6/30/2017	1,527,114,579	31,843	20.85
6/30/2018	1,535,664,448	33,001	21.49
6/30/2019	1,505,545,344	31,109	20.66
6/30/2020	1,423,267,520	23,963	16.84

Selected Annual Frequency Trend:      - 0.5%

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

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

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

CLASS GROUP 01

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

CLASS GROUP 02

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

CLASS GROUP 03

10026	1.24	
10042	0.71	
10060	0.34	
10065	0.51	
10066	0.52	
10071	0.61	
10101	0.46	
10105	4.98	
10113	0.69	
10115	1.37	
10130	6.79	
10132	5.85	
10150	0.95	
10151	23.92	
10160	4.26	
10204	0.43	
10205	0.48	
10210	0.77	
10211	0.77	
10220	9.04	
10309	0.31	
10315	0.73	
11020	0.58	
11126	0.12	
11155	0.41	
11204	0.60	
11234	0.54	
11273	26.77	
11274	25.69	
12356	2.27	
12374	1.18	
12375	0.58	
12393	0.77	

12467	0.32	
12805	0.62	
12841	1.03	
12927	0.18	
13314	0.23	
13351	0.56	
13352	0.57	
13506	1.76	
13507	2.12	
13716	0.87	
13759	0.34	
14068	0.075	
14101	0.88	
14655	0.17	
14733	1.19	
14734	0.51	
14913	0.64	
15314	0.41	
15538	0.73	
15600	1.84	
15608	0.41	
15656	12.11	
15839	0.55	
15991	0.45	
15993	0.38	
16402	2.72	
16403	1.72	
16404	2.17	
16676	0.57	
16750	0.20	
16751	0.20	
16881	3.13	
18109	0.75	
18110	0.60	
18206	0.97	

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

CLASS GROUP 04

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

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

<u>CLASS GROUP 05</u>		16705	3.19	41669	0.25	44430	9.63
10140	0.46	18078	1.81	41670	0.42	44431	30.76
10141	0.92	18205	2.79	43518	5.97	44432	9.75
10145	4.43	18707	0.15	43626	4.77	44433	310.66
12361	1.00	18833	1.79	43628	61.99	44434	594.24
13049	0.52	<u>CLASS GROUP 07</u>		43629	52.53	44435	615.31
13112	0.85	10015	2.95	43760	1.75	44436	718.67
13670	0.56	10052	2.04	44069	5.10	44437	595.63
15223	0.66	10054	1.81	44070	1.51	44438	470.71
<u>CLASS GROUP 06</u>		10110	10.04	44071	1.68	44439	916.25
10010	1.59	10117	2.93	44072	1.16	44440	758.14
10011	0.38	10120	6.57	44311	3.08	46112	1.00
10012	0.44	10331	4.00	44315	2.07	<u>CLASS GROUP 09</u>	
10025	0.38	10332	6.90	46911	9.44	45190	1.00
10027	0.38	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		
		41668	35.67	44429	13.85		

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

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

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

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

CLASS GROUP 14

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

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

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

CLASS GROUP 16

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

\*

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

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

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

CLASS GROUP 32 (cont'd)						CLASS GROUP 34	
98423	2.57	99321	6.22	96317	0.29	10036	2.70
98424	4.36	99613	5.51	96872	1.03	10073	4.20
98425	1.79	99620	0.30	97220	0.075	10075	31.17
98426	1.58	99718	0.88	97308	0.14	10107	12.84
98427	1.54	99746	1.49	97447	0.46	10255	1.00
98449	2.21	99760	0.17	97651	1.36	10256	3.66
98482	2.37	99793	1.89	97652	1.18	10257	0.69
98483	3.50	99827	0.27	97655	1.05	11039	3.65
98502	3.35	99851	1.10	98002	0.19	11248	0.19
98555	1.56	99917	1.78	98152	0.64	12014	0.41
98597	0.35	99938	2.00	98153	0.72	12509	0.25
98598	0.12	99943	5.80	98154	0.85	12510	3.17
98601	4.01	99946	4.32	98155	1.19	12583	1.41
98624	0.63	99963	0.43	98157	0.76	12651	4.11
98640	69.14	CLASS GROUP 33		98159	0.51	12683	1.88
98677	10.90	91130	0.28	98160	1.08	13201	3.63
98678	9.68	91135	0.078	98161	1.21	13204	4.11
98699	3.15	91200	0.16	98163	1.27	13205	1.58
98710	2.19	91265	3.42	98303	2.39	13410	5.75
98805	2.86	91266	1.81	98309	1.20	13412	1.94
98820	5.46	91266	1.81	98429	0.25	13453	2.24
98884	1.42	91560	1.00	98658	1.23	13454	2.62
98967	2.23	91580	1.32	98659	0.22	13455	2.66
99003	1.06	91606	2.74	98705	1.74	13590	1.98
99080	0.75	91629	0.56	98751	0.93	13621	0.50
99111	1.09	91636	0.96	98914	0.15	14279	1.91
99163	2.60	91641	0.26	98949	0.21	14855	0.88
99165	0.57	91722	0.84	99220	0.33	15062	0.79
99223	0.16	92445	0.55	99222	0.62	15063	0.92
99303	8.72	92663	0.13	99471	0.15	15188	1.39
99310	2.18	95306	1.10	99969	0.60	15404	0.36
99315	6.41	95357	0.28	99988	0.53	15405	0.53
		95455	1.16				
		95505	0.54				



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

\*Base Class

CLASS GROUP 34 (cont'd)		CLASS GROUP 35		59773	0.17	51741	5.38
15406	1.35	51300	0.91	59774	0.14	51752	4.54
15488	3.37	51305	0.91	59775	0.18	51796	1.96
15733	0.88	51350	1.53	59889	0.56	51808	6.97
16009	1.08	51351	1.37			51809	8.65
16588	0.50	51352	1.88	CLASS GROUP 36		51869	2.31
16604	0.84	51355	1.28	50010	5.03	51877	13.01
16694	1.66	51356	1.38	50012	1.86	51889	2.14
16819	4.78	51575	0.41	50015	3.27	51896	1.00
16820	3.70	51666	0.65	50017	2.49	51919	2.16
16890	0.56	51767	0.19	50019	1.33	51926	2.20
16891	0.61	51777	0.66	50045	5.69	51927	1.19
16892	1.11	51790	1.10	50047	0.64	51934	2.41
18506	1.76	51833	0.99	51201	0.86	51941	2.19
18616	1.34	51900	0.74	51205	2.62	51942	3.50
45380	1.03	52315	0.86	51206	0.41	51956	9.45
45771	1.57	52744	3.79	51240	10.34	51957	8.33
45819	0.51	53374	1.00	51241	30.72	51958	7.40
49239	0.77	53375	0.53	51251	0.89	51959	7.58
51315	0.50	53376	0.85	51252	3.12	51960	1.00
51357	0.71	53377	0.87	51253	2.66	51970	4.35
51358	1.71	53403	0.55	51254	0.83	51982	1.28
51359	1.50	53565	0.64	51340	0.85	51986	5.03
59925	1.54	55371	2.55	51370	10.10	51999	2.12
59926	1.31	55802	0.66	51380	1.01	52002	1.86
59927	0.88	56488	1.10	51500	1.91	52109	0.47
		56690	0.57	51550	2.36	52134	6.23
		57403	1.35	51551	0.82	52150	11.47
		58020	1.45	51552	1.42	52402	0.47
		58713	0.42	51553	2.53	52432	2.33
		59188	2.88	51554	0.24	52433	2.13
		59189	3.95	51576	4.54	52435	2.67
		59482	3.00	51600	3.09	52438	1.93
		59647	1.34	51613	2.04	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>		52076	1.47	57090	1.83	59904	0.52
48636	10.49	52137	0.48	57146	1.16	59915	1.73
50011	0.58	52341	0.30	57411	0.28	59917	0.32
50018	0.53	52342	0.87	57611	0.60	59947	0.52
51001	0.36	52343	0.53	57690	0.78	59970	0.70
51005	0.074	52401	1.64	57716	0.37	59975	0.98
51116	0.91	52547	1.42	57725	0.81	59977	0.56
51210	0.63	52767	1.30	57726	0.63	59988	0.25
51220	2.16	53147	0.22	57808	0.31		
51221	1.20	53229	1.23	57809	0.32		
51222	1.46	53333	1.21	57810	0.31		
51224	1.53	53425	1.14	57871	0.37		
51230	0.26	53803	2.72	57999	0.51		
51250	1.66	55013	1.03	58009	0.51		
51255	4.21	55426	1.25	58301	0.39		
51330	0.64	55717	1.65	58663	2.57		
51333	0.21	55718	1.60	58756	0.48		
51400	1.50	56170	1.12	58813	1.18		
51401	2.21	56171	0.55	58837	2.37		
51625	0.33	56567	1.16	58840	0.71		
51702	0.99	56650	3.55	58873	1.13		
51703	0.41	56651	1.93	58922	1.88		
51734	0.77	56652	1.38	59223	1.17		
51850	1.55	56653	1.33	59378	0.76		
51851	1.05	56654	0.68	59537	0.82		
51852	2.46	56911	1.00	59750	0.61		
51853	0.99	56912	0.81	59751	0.22		
51854	2.22	56913	0.66	59781	0.53		
51855	2.33	56915	3.91	59782	0.79		
51856	1.28	56916	3.53	59783	0.77		
51857	2.19	56917	1.02	59784	0.59		
51909	1.40	56918	0.49	59798	2.01		
52075	1.22	56919	1.25	59806	1.44		
		56920	1.14	59892	0.77		

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

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

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

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

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

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

MULTISTATE  
PRODUCTS  
OCCURRENCE  
FULL COVERAGE  
CALCULATION OF INCURRED LOSSES

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

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



MULTISTATE  
PRODUCTS  
OCCURRENCE  
DED COVERAGE  
CALCULATION OF INCURRED LOSSES

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

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

MULTISTATE  
Products  
Subline Code 336  
Combined Single Limit

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

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

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

MULTISTATE  
PRODUCTS

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

Accident Year Ending	<u>15 Months</u>	<u>27 Months</u>	<u>39 Months</u>	<u>51 Months</u>	<u>63 Months</u>	<u>75 Months</u>	<u>87 Months</u>	<u>99 Months</u>
12/31/2012	294,313,614	285,975,423	285,815,807	285,269,021	285,284,369	285,284,593	285,282,473	285,279,383
12/31/2013	291,676,148	294,092,380	293,024,503	292,993,448	292,997,136	292,997,660	292,991,699	
12/31/2014	300,498,902	305,693,324	305,523,656	305,500,483	305,413,400	305,407,279		
12/31/2015	301,748,313	302,072,614	301,879,697	301,787,976	301,658,526			
12/31/2016	289,649,613	289,162,594	289,281,526	289,341,443				
12/31/2017	285,437,455	286,447,433	286,303,524					
12/31/2018	283,304,260	282,999,859						
12/31/2019	282,263,230							

LINK RATIOS

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

Average Best 3 of 5

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

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

## MULTISTATE PRODUCTS LOSS DEVELOPMENT DATA

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

\$100,000 Basic Limit Losses as of:

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

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

PRODUCTS (Subline Code 336)

FULL COVERAGE

MULTISTATE

BODILY INJURY - OCCURRENCE

INCURRED ACCIDENT YEAR BASIC LIMITS LOSS DEVELOPMENT EXCLUDING ALAE

Link Ratios

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

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

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

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

\* Calculated Using Modified Bondy Method

@ Three year mean Excludes Modified Bondy ratios

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

\$100,000 Basic Limit Losses as of:

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

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

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

A.Y.E.	27: 15	39: 27	51: 39	63: 51	75: 63	87: 75	99: 87	111: 99	123:111	135:123	147:135
12/31/2000	1.231	1.176	1.228	0.929	0.983	1.000	1.085	1.060	0.936	1.085	1.031
12/31/2001	2.062	1.368	1.283	0.875	0.927	1.136	0.982	1.023	0.950	1.013	1.014
12/31/2002	2.029	1.429	0.954	1.157	0.998	1.042	0.903	0.984	1.001	0.999	1.000
12/31/2003	1.435	1.045	1.524	0.821	0.985	1.101	0.993	1.002	1.004	1.002	1.000
12/31/2004	1.215	1.269	1.144	0.975	0.984	0.983	1.034	0.999	1.001	1.000	1.000
12/31/2005	1.315	1.608	1.004	0.692	1.000	1.030	0.949	0.921	0.997	1.004	1.002
12/31/2006	1.383	1.187	0.882	0.866	0.959	0.960	1.031	0.937	1.003	1.018	0.983
12/31/2007	1.336	0.929	1.078	1.029	0.841	1.004	1.056	1.002	1.012	1.005	1.008
12/31/2008	1.352	1.262	1.022	1.033	1.025	1.055	0.988	0.966	0.994	1.047	1.000
12/31/2009	1.283	1.168	1.047	1.164	1.088	0.970	0.997	1.053	1.053	1.000	
12/31/2010	1.694	0.941	1.078	1.048	1.053	0.976	0.949	1.327	0.852		
12/31/2011	1.440	1.151	0.858	0.987	1.003	1.057	1.004	0.983			
12/31/2012	1.309	1.330	0.895	0.916	1.162	1.065	0.963				
12/31/2013	1.567	1.145	1.165	1.053	1.037	1.024					
12/31/2014	2.034	1.252	1.118	1.038	0.956						
12/31/2015	1.478	0.996	1.245	1.155							
12/31/2016	1.076	1.377	1.091								
12/31/2017	3.154	1.284									
12/31/2018	0.943										

3 Yr Mean	1.724	1.219	1.151	1.082	1.052	1.049	0.972	1.121	0.966	1.017	0.997
Best 3/5	1.529	1.227	1.125	1.026	1.031	1.019	0.983	1.013	1.003	1.009	1.001

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

3 Yr Mean	1.002	1.000	1.000	1.000	1.006 @	0.995 @	1.001 @	1.001 @
Best 3/5	1.000	1.001	1.000	0.999	1.006 *	1.001 *	1.000 *	1.000 *

A.Y.E.	15/ 27	27/ 39	39/ 51	51/ 63	63/ 75	75/ 87	87/ 99	99/111	111/123	123/135	135/147
12/31/2015					1.031	1.019	0.983	1.013	1.003	1.009	1.001
12/31/2016				1.026	1.031	1.019	0.983	1.013	1.003	1.009	1.001
12/31/2017			1.125	1.026	1.031	1.019	0.983	1.013	1.003	1.009	1.001
12/31/2018		1.227	1.125	1.026	1.031	1.019	0.983	1.013	1.003	1.009	1.001
12/31/2019	1.529	1.227	1.125	1.026	1.031	1.019	0.983	1.013	1.003	1.009	1.001

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

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



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

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

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

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

Increments													
A.Y.E	27: 15	39: 27	51: 39	63: 51	75: 63	87: 75	99: 87	111: 99	123: 111	135: 123	147: 135	159:147	171:159
12/31/2000	2,989,868	3,690,397	3,592,703	1,474,993	1,209,432	2,449,530	712,393	1,133,744	743,139	184,106	329,550	349,041	384,139
12/31/2001	3,453,641	3,100,736	2,024,589	3,126,550	1,644,406	1,769,152	1,655,226	374,582	-28,074	336,825	297,808	341,032	279,261
12/31/2002	2,202,392	4,326,456	4,378,828	3,129,417	3,012,130	227,462	752,930	513,369	455,975	274,309	2,453,884	-80,315	-26,339
12/31/2003	2,742,066	4,563,373	5,605,263	4,009,158	1,663,261	449,666	956,660	-292,292	953,357	1,152,861	-63,892	261,587	-667,751
12/31/2004	1,779,211	3,460,887	4,276,374	2,732,696	-204,511	1,306,929	825,533	888,995	1,193,640	147,717	156,065	123,540	129,515
12/31/2005	1,876,025	2,591,826	2,550,159	2,280,021	2,044,749	43,897	326,626	213,613	430,527	-30,578	129,022	91,992	51,630
12/31/2006	4,570,296	2,286,053	2,987,932	1,959,639	1,726,859	2,635,434	1,310,961	-984,045	81,493	16,909	13,200	174,114	81,517
12/31/2007	4,574,202	3,864,606	3,813,834	3,265,168	1,752,144	1,163,838	227,389	227,324	4,327,058	7,225	102,767	419,232	
12/31/2008	2,406,182	3,857,263	6,024,881	4,191,975	2,177,225	-110,896	418,929	346,412	170,834	150,461	274,702		
12/31/2009	2,355,440	4,423,500	2,830,259	2,407,438	1,064,553	43,522	289,081	1,734	118,358	180,818			
12/31/2010	3,603,540	4,053,519	5,398,782	2,060,092	794,776	177,930	174,475	122,325	278,650				
12/31/2011	3,005,266	4,477,233	3,480,632	2,078,367	1,347,256	1,077,787	-163,431	525,529					
12/31/2012	5,142,014	8,108,100	4,983,587	3,559,020	2,906,945	455,996	942,175						
12/31/2013	3,412,302	3,845,239	2,935,655	2,245,152	963,159	781,209							
12/31/2014	2,560,628	4,020,050	4,020,771	2,707,141	1,313,594								
12/31/2015	2,209,949	3,063,919	4,123,463	2,953,442									
12/31/2016	1,924,477	4,397,551	3,485,193										
12/31/2017	2,264,192	4,588,225											
12/31/2018	3,201,620												

Incremental Percentages													
A.Y.E	27: 15	39: 27	51: 39	63: 51	75: 63	87: 75	99: 87	111: 99	123: 111	135: 123	147: 135	159:147	171:159
12/31/2000	0.0969	0.1196	0.1165	0.0478	0.0392	0.0794	0.0231	0.0368	0.0241	0.0060	0.0107	0.0113	0.0125
12/31/2001	0.1039	0.0933	0.0609	0.0940	0.0495	0.0532	0.0498	0.0113	-0.0008	0.0101	0.0090	0.0103	0.0084
12/31/2002	0.0795	0.1562	0.1581	0.1130	0.1087	0.0082	0.0272	0.0185	0.0165	0.0099	0.0886	-0.0029	-0.0010
12/31/2003	0.0904	0.1504	0.1847	0.1321	0.0548	0.0148	0.0315	-0.0096	0.0314	0.0380	-0.0021	0.0086	-0.0220
12/31/2004	0.0675	0.1313	0.1623	0.1037	-0.0078	0.0496	0.0313	0.0337	0.0453	0.0056	0.0059	0.0047	0.0049
12/31/2005	0.0642	0.0886	0.0872	0.0780	0.0699	0.0015	0.0112	0.0073	0.0147	-0.0010	0.0044	0.0031	0.0018
12/31/2006	0.1335	0.0668	0.0873	0.0573	0.0505	0.0770	0.0383	-0.0288	0.0024	0.0005	0.0004	0.0051	0.0024
12/31/2007	0.1206	0.1019	0.1005	0.0861	0.0462	0.0307	0.0060	0.0060	0.1141	0.0002	0.0027	0.0111	
12/31/2008	0.0708	0.1135	0.1772	0.1233	0.0641	-0.0033	0.0123	0.0102	0.0050	0.0044	0.0081		
12/31/2009	0.0670	0.1259	0.0805	0.0685	0.0303	0.0012	0.0082	0.0000	0.0034	0.0051			
12/31/2010	0.1065	0.1198	0.1595	0.0609	0.0235	0.0053	0.0052	0.0036	0.0082				
12/31/2011	0.1040	0.1550	0.1205	0.0719	0.0466	0.0373	-0.0057	0.0182					
12/31/2012	0.1477	0.2329	0.1432	0.1022	0.0835	0.0131	0.0271						
12/31/2013	0.1158	0.1305	0.0996	0.0762	0.0327	0.0265							
12/31/2014	0.0770	0.1209	0.1210	0.0814	0.0395								
12/31/2015	0.0932	0.1291	0.1738	0.1245									
12/31/2016	0.0828	0.1891	0.1499										
12/31/2017	0.0805	0.1632											
12/31/2018	0.0931												

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

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

171 to Ultimate Factor: 1.084

<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>
	0.540	0.454	0.313	0.175	0.089	0.049	0.034
<u>Months-to-Ultimate</u>	<u>99</u>	<u>111</u>	<u>123</u>	<u>135</u>	<u>147</u>	<u>159</u>	<u>171</u>
	0.025	0.019	0.013	0.012	0.007	0.001	0.000

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

\* Calculated Using Modified Bondy Method

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

\$100,000 Basic Limit Losses as of:

<u>A.Y.E.</u>	<u>15 Months</u>	<u>27 Months</u>	<u>39 Months</u>	<u>51 Months</u>	<u>63 Months</u>	<u>75 Months</u>	<u>87 Months</u>	<u>99 Months</u>	<u>111 Months</u>	<u>123 Months</u>	<u>135 Months</u>
12/31/2000	9,442,453	12,595,997	14,511,970	15,343,878	16,676,192	17,703,603	18,552,945	19,303,760	19,549,456	19,875,358	19,888,742
12/31/2001	11,352,927	14,665,038	18,711,896	19,696,500	19,611,935	20,309,474	21,442,362	21,341,015	21,845,669	22,043,334	22,328,133
12/31/2002	9,140,824	14,207,988	17,186,817	16,683,379	16,557,917	17,662,370	17,931,886	18,086,542	18,329,249	18,592,359	19,095,692
12/31/2003	10,897,192	12,589,552	14,878,060	16,148,413	17,510,366	18,785,505	19,117,935	19,730,659	20,298,476	20,586,735	20,682,183
12/31/2004	10,021,997	12,167,902	13,583,994	13,950,681	15,326,855	15,316,667	15,660,603	16,042,499	16,191,023	16,583,240	16,740,575
12/31/2005	11,527,978	13,714,275	13,727,131	14,394,665	14,762,252	15,242,516	15,208,555	16,231,598	16,299,313	16,940,340	17,252,157
12/31/2006	12,722,815	14,463,715	15,677,271	15,956,752	17,020,413	17,450,985	18,183,484	20,046,811	20,648,948	20,475,092	20,590,175
12/31/2007	17,124,759	19,503,428	20,500,343	20,625,847	21,786,418	22,593,375	23,929,136	24,613,440	24,910,504	25,665,904	26,242,419
12/31/2008	16,582,353	19,627,203	21,194,465	22,239,627	23,203,853	24,352,152	25,053,533	25,570,499	26,129,971	26,603,865	26,782,852
12/31/2009	18,862,503	21,787,343	23,590,782	23,596,808	23,808,579	24,526,676	24,191,140	24,840,688	25,193,460	25,077,777	25,371,362
12/31/2010	18,169,384	20,850,476	22,144,693	22,618,382	22,649,384	23,330,665	23,373,353	23,751,251	24,103,830	24,276,952	
12/31/2011	14,767,208	16,412,327	17,237,787	18,607,499	18,973,542	19,480,766	20,045,028	20,605,631	20,664,707		
12/31/2012	15,310,538	16,578,296	18,263,545	20,451,249	20,897,694	21,240,826	21,567,032	21,735,928			
12/31/2013	13,813,933	16,461,182	17,918,370	18,180,611	18,941,231	19,377,705	19,666,778				
12/31/2014	13,289,016	15,586,803	17,017,645	17,133,679	17,421,951	17,444,627					
12/31/2015	14,091,105	15,062,232	15,589,195	16,225,755	17,677,801						
12/31/2016	13,950,535	16,856,463	18,452,036	18,937,789							
12/31/2017	13,580,524	17,066,171	18,296,115								
12/31/2018	12,825,670	14,924,657									
12/31/2019	15,061,958										
<u>A.Y.E.</u>	<u>147 Months</u>	<u>159 Months</u>	<u>171 Months</u>	<u>183 Months</u>	<u>195 Months</u>	<u>207 Months</u>	<u>219 Months</u>	<u>231 Months</u>	<u>243 Months</u>		
12/31/2000	19,658,847	19,804,510	19,653,391	19,639,748	19,641,139	19,639,767	19,641,968	19,631,468	19,631,468		
12/31/2001	22,350,671	22,110,186	21,963,916	22,013,589	21,966,440	21,973,267	21,962,467	21,862,465			
12/31/2002	19,207,079	19,292,462	19,330,684	19,431,364	19,431,070	19,362,558	19,259,058				
12/31/2003	21,167,516	20,967,264	20,927,351	20,957,593	20,940,356	20,979,031					
12/31/2004	16,949,494	16,886,578	17,046,720	16,798,398	16,692,432						
12/31/2005	17,116,162	17,027,682	17,254,927	17,203,957							
12/31/2006	20,413,758	20,738,236	20,749,176								
12/31/2007	26,379,519	26,390,557									
12/31/2008	26,845,848										

PRODUCTS (Subline Code 336)

FULL COVERAGE

MULTISTATE

PROPERTY DAMAGE - OCCURRENCE

INCURRED ACCIDENT YEAR BASIC LIMITS LOSS DEVELOPMENT EXCLUDING ALAE

Link Ratios

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

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

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

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

\* Calculated Using Modified Bondy Method

@ Three year mean Excludes Modified Bondy ratios

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

\$100,000 Basic Limit Losses as of:

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

  

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

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

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

3 Yr Mean	1.283	1.092	1.050	1.012	0.982	0.994	0.995	1.010	1.036	1.028	0.987
Best 3/5	1.255	1.078	1.023	1.029	0.998	0.994	1.013	1.010	1.028	1.019	0.991

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

3 Yr Mean	1.000	0.998	0.996	1.002	1.000 @	0.987 @	0.988 @	1.000 @
Best 3/5	1.007	0.987	0.997	0.999	1.000 *	0.999 *	0.999 *	0.999 *

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

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

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

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

Allocated Expenses as of:											
<u>A.Y.E</u>	<u>15 Months</u>	<u>27 Months</u>	<u>39 Months</u>	<u>51 Months</u>	<u>63 Months</u>	<u>75 Months</u>	<u>87 Months</u>	<u>99 Months</u>	<u>111 Months</u>	<u>123 Months</u>	<u>135 Months</u>
12/31/2000	2,438,105	3,613,367	5,954,589	9,767,256	12,101,265	15,235,357	17,770,451	18,669,999	19,274,305	20,102,474	20,541,468
12/31/2001	1,952,266	3,397,326	5,939,847	9,331,805	12,770,624	14,602,193	17,314,604	18,748,523	20,075,583	19,263,149	19,467,665
12/31/2002	1,149,378	3,177,236	6,301,355	8,177,921	10,109,044	11,325,082	12,107,954	14,045,611	13,469,406	13,578,191	14,107,520
12/31/2003	1,566,409	3,764,569	6,375,247	10,308,523	12,191,814	14,069,866	15,835,331	16,926,882	17,946,487	18,950,239	19,751,598
12/31/2004	1,204,922	2,683,943	5,393,258	7,861,179	10,224,589	11,996,951	13,356,197	14,385,812	15,585,680	16,621,310	17,285,681
12/31/2005	2,114,679	4,451,905	7,673,461	7,708,910	8,856,758	10,106,473	12,329,414	13,933,149	15,070,380	16,227,123	17,345,774
12/31/2006	1,462,809	3,531,285	6,712,138	9,562,897	11,465,757	13,488,637	14,893,579	17,092,326	20,206,214	20,798,240	21,588,142
12/31/2007	1,965,782	3,841,019	5,846,296	9,121,386	11,347,372	13,351,437	14,721,517	17,009,105	18,167,763	20,004,092	21,185,677
12/31/2008	1,722,948	4,705,925	8,668,380	11,988,035	15,083,631	17,534,796	19,000,073	19,945,893	20,587,707	21,371,779	21,654,030
12/31/2009	4,305,135	9,374,722	15,771,463	19,239,757	22,526,804	26,263,211	27,235,504	28,697,686	30,215,272	30,835,271	31,211,218
12/31/2010	2,449,705	5,502,180	10,181,707	15,212,106	19,566,777	21,556,674	22,841,387	23,270,112	23,855,772	24,215,342	
12/31/2011	2,501,273	4,654,993	8,300,801	11,567,518	14,493,103	17,194,915	18,643,432	19,867,474	20,462,773		
12/31/2012	3,045,424	7,744,139	12,957,225	19,847,211	21,758,424	24,154,189	28,218,676	33,865,759			
12/31/2013	2,829,165	6,135,641	9,591,856	13,439,281	16,061,381	18,119,100	21,234,372				
12/31/2014	3,274,751	5,865,940	8,915,766	11,489,729	13,648,224	14,608,231					
12/31/2015	2,550,540	5,300,251	8,603,903	10,972,399	13,557,097						
12/31/2016	4,284,893	10,105,422	16,511,348	19,198,593							
12/31/2017	2,610,114	4,732,008	8,178,650								
12/31/2018	2,440,051	4,613,853									
12/31/2019	2,741,778										

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



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

	Increments												
A.Y.E	<u>27: 15</u>	<u>39: 27</u>	<u>51: 39</u>	<u>63: 51</u>	<u>75: 63</u>	<u>87: 75</u>	<u>99: 87</u>	<u>111: 99</u>	<u>123: 111</u>	<u>135: 123</u>	<u>147: 135</u>	<u>159:147</u>	<u>171:159</u>
12/31/2000	1,175,262	2,341,222	3,812,667	2,334,009	3,134,092	2,535,094	899,548	604,306	828,169	438,994	514,839	352,050	160,655
12/31/2001	1,445,060	2,542,521	3,391,958	3,438,819	1,831,569	2,712,411	1,433,919	1,327,060	-812,434	204,516	484,455	461,772	508,402
12/31/2002	2,027,858	3,124,119	1,876,566	1,931,123	1,216,038	782,872	1,937,657	-576,205	108,785	529,329	368,393	289,858	196,756
12/31/2003	2,198,160	2,610,678	3,933,276	1,883,291	1,878,052	1,765,465	1,091,551	1,019,605	1,003,752	801,359	1,258,275	196,209	660,694
12/31/2004	1,479,021	2,709,315	2,467,921	2,363,410	1,772,362	1,359,246	1,029,615	1,199,868	1,035,630	664,371	906,339	306,007	39,172
12/31/2005	2,337,226	3,221,556	35,449	1,147,848	1,249,715	2,222,941	1,603,735	1,137,231	1,156,743	1,118,651	841,453	1,062,413	370,139
12/31/2006	2,068,476	3,180,853	2,850,759	1,902,860	2,022,880	1,404,942	2,198,747	3,113,888	592,026	789,902	101,683	200,390	97,431
12/31/2007	1,875,237	2,005,277	3,275,090	2,225,986	2,004,065	1,370,080	2,287,588	1,158,658	1,836,329	1,181,585	717,173	373,643	
12/31/2008	2,982,977	3,962,455	3,319,655	3,095,596	2,451,165	1,465,277	945,820	641,814	784,072	282,251	613,297		
12/31/2009	5,069,587	6,396,741	3,468,294	3,287,047	3,736,407	972,293	1,462,182	1,517,586	619,999	375,947			
12/31/2010	3,052,475	4,679,527	5,030,399	4,354,671	1,989,897	1,284,713	428,725	585,660	359,570				
12/31/2011	2,153,720	3,645,808	3,266,717	2,925,585	2,701,812	1,448,517	1,224,042	595,299					
12/31/2012	4,698,715	5,213,086	6,889,986	1,911,213	2,395,765	4,064,487	5,647,083						
12/31/2013	3,306,476	3,456,215	3,847,425	2,622,100	2,057,719	3,115,272							
12/31/2014	2,591,189	3,049,826	2,573,963		960,007								
12/31/2015	2,749,711	3,303,652	2,368,496	2,584,698									
12/31/2016	5,820,529	6,405,926	2,687,245										
12/31/2017	2,121,894	3,446,642											
12/31/2018	2,173,802												

	Incremental Percentages												
A.Y.E	<u>27: 15</u>	<u>39: 27</u>	<u>51: 39</u>	<u>63: 51</u>	<u>75: 63</u>	<u>87: 75</u>	<u>99: 87</u>	<u>111: 99</u>	<u>123: 111</u>	<u>135: 123</u>	<u>147: 135</u>	<u>159:147</u>	<u>171:159</u>
12/31/2000	0.0392	0.0781	0.1272	0.0778	0.1045	0.0846	0.0300	0.0202	0.0276	0.0146	0.0172	0.0117	0.0054
12/31/2001	0.0455	0.0801	0.1069	0.1084	0.0577	0.0855	0.0452	0.0418	-0.0256	0.0064	0.0153	0.0146	0.0160
12/31/2002	0.0732	0.1127	0.0677	0.0697	0.0439	0.0283	0.0699	-0.0208	0.0039	0.0191	0.0133	0.0105	0.0071
12/31/2003	0.0706	0.0838	0.1263	0.0605	0.0603	0.0567	0.0350	0.0327	0.0322	0.0257	0.0404	0.0063	0.0212
12/31/2004	0.0662	0.1213	0.1105	0.1058	0.0793	0.0608	0.0461	0.0537	0.0464	0.0297	0.0406	0.0137	0.0018
12/31/2005	0.0949	0.1309	0.0014	0.0466	0.0508	0.0903	0.0652	0.0462	0.0470	0.0454	0.0342	0.0432	0.0150
12/31/2006	0.0665	0.1022	0.0916	0.0611	0.0650	0.0451	0.0706	0.1000	0.0190	0.0254	0.0033	0.0064	0.0031
12/31/2007	0.0498	0.0533	0.0870	0.0592	0.0533	0.0364	0.0608	0.0308	0.0488	0.0314	0.0191	0.0099	
12/31/2008	0.0727	0.0965	0.0809	0.0754	0.0597	0.0357	0.0230	0.0156	0.0191	0.0069	0.0149		
12/31/2009	0.1194	0.1507	0.0817	0.0774	0.0880	0.0229	0.0344	0.0358	0.0146	0.0089			
12/31/2010	0.0821	0.1259	0.1353	0.1171	0.0535	0.0346	0.0115	0.0158	0.0097				
12/31/2011	0.0647	0.1096	0.0982	0.0879	0.0812	0.0435	0.0368	0.0179					
12/31/2012	0.1259	0.1397	0.1846	0.0512	0.0642	0.1089	0.1513						
12/31/2013	0.0960	0.1003	0.1117	0.0761	0.0597	0.0904							
12/31/2014	0.0760	0.0894	0.0755	0.0633	0.0281								
12/31/2015	0.0868	0.1042	0.0747	0.0816									
12/31/2016		0.1537	0.0710										
12/31/2017	0.0530	0.0860											
12/31/2018	0.0737												

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

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

171 to Ultimate Factor: 1.003

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

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

\* Calculated Using Modified Bondy Method

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

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

Notes: All dollar amounts are displayed in thousands.

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

## PRODUCTS TREND SUMMARY

(1)	<u>EXPOSURE TREND</u>	<u>PRODUCTS</u>	
	Average Annual Percent Change		
	a) 7/1/2017 to 7/1/2022 AYE 12/31/2017	+ 0.9%	
	b) 7/1/2018 to 7/1/2022 AYE 12/31/2018	+ 0.8%	
	c) 7/1/2019 to 7/1/2022 AYE 12/31/2019	+ 0.7%	
(2)	<u>OCCURRENCE SEVERITY</u>	<u>BODILY INJURY</u>	<u>PROPERTY DAMAGE</u>
	a) Fitted		
	All Years	+ 4.6%	+ 4.7%
	Eight Years	+ 2.9%	+ 2.2%
	Six Years	+ 3.2%	+ 4.7%
	b) Selected	+ 3.0%	+ 5.5%
(3)	<u>FREQUENCY TREND</u>		
	Selected	- 1.5%	

NOTE: The BI deductible trend is equal to the bodily injury trend. The PD deductible trend is equal to the property damage trend.

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

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

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

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

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

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

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

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

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

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

PRODUCTS

FREQUENCY TREND  
MULTISTATE

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

Bodily Injury and Property Damage Combined

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

Selected Annual Frequency Trend: - 1.5%

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

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



## CLASS GROUPS AND CALCULATION OF PROPOSED CLASS LOSS COSTS

### Explanatory Notes

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

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

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

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

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

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

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

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

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

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

## CLASS GROUPS AND CALCULATION OF PROPOSED CLASS LOSS COSTS

### Explanatory Notes (Cont'd)

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

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

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

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

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

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

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

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

## CLASS GROUPS AND CALCULATION OF PROPOSED CLASS LOSS COSTS

### Explanatory Notes (Cont'd)

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

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

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

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

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

LOSS COST % CHANGE BY CLASS

SUBLINE: PRODUCTS

CLASS GROUP: 03

NUMBER OF YEARS OF DATA USED: 5

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

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

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

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

LOSS COST % CHANGE BY CLASS

SUBLINE: PRODUCTS

CLASS GROUP: 03

NUMBER OF YEARS OF DATA USED: 5

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

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

U

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

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LOSS COST % CHANGE BY CLASS

SUBLINE: PRODUCTS

CLASS GROUP: 04

NUMBER OF YEARS OF DATA USED: 5

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

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

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

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

LOSS COST % CHANGE BY CLASS

SUBLINE: PRODUCTS

CLASS GROUP: 04

NUMBER OF YEARS OF DATA USED: 5

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

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

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

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

LOSS COST % CHANGE BY CLASS

SUBLINE: PRODUCTS

CLASS GROUP: 05

NUMBER OF YEARS OF DATA USED: 5

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

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

U

U

X-TILDE: 1.229 X-TILDE (MONOLINE): 1.383 PI-TILDE: .0070485

TAU SQUARED: .03000 SIGMA SQUARED: 490006.24567

L - CAPPED DOWN

U - CAPPED UP

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LOSS COST % CHANGE BY CLASS

SUBLINE: PRODUCTS

CLASS GROUP: 06

NUMBER OF YEARS OF DATA USED: 5

CHANGE FACTOR = INDEX \* CG REL \* SWRL USED = INDEX \* 1.010 \* .937

CLASS	AYE 2019 MONO/MULTI ALCCL (1)	5 YEAR MONO/MULTI ALCCL (2)	5 YEAR MONO/MULTI EXPERIENCE RATIO (3)	CRED. (4)	FORMULA ER (5)	INDEX (6)	CHANGE FACTOR (7)	PRESENT MULTI- STATE OCCUR (8)	PROPOSED MULTI- STATE OCCUR (9)	STATE- WIDE % CHANGE (10)	PRESENT STATEWIDE OCCUR (11)	PROPOSED STATEWIDE OCCUR (12)
15733	8052	54585	.02823	.0364	.934	.984	.931	.037	.034	-8.1	.037	.034
51001	446	6924	.00000	.0274	.942	.993	.940	.450	.420	-6.7	.450	.420
51116	1222545	4176854	1.05542	.4636	1.009	1.063	1.006	.690	.690	0.0	.690	.690
51240	60377	273254	2.24434	.0754	1.065	1.122	1.062	.185	.196	5.9	.185	.196
51241	359839	1683413	.49660	.2670	.843	.888	.840	.260	.218	-16.2	.260	.218
51330	198383	964537	4.59184	.1805	1.623	1.710	1.618	.530	.660	24.5	.530	.660
51370	232485	614066	.00000	.1304	.842	.887	.839	4.570	3.830	-16.2	4.570	3.830
51500	325635	1649620	.99004	.2634	.974	1.026	.971	.119	.116	-2.5	.119	.116
51550	26984	78502	2.17714	.0408	1.018	1.073	1.015	.390	.400	2.6	.390	.400
51551	745	42463	1.43195	.0341	.984	1.037	.981	.910	.890	-2.2	.910	.890
51552	1	18020	.63474	.0295	.959	1.011	.957	.159	.152	-4.4	.159	.152
51600	122517	610400	.47794	.1298	.905	.954	.903	.191	.172	-9.9	.191	.172
51734	15286	52995	5.55247	.0361	1.134	1.195	1.131	.310	.350	12.9	.310	.350
51741	117002	699860	.75425	.1432	.938	.988	.935	.260	.243	-6.5	.260	.243
51777	135885	679568	1.13644	.1402	.992	1.045	.989	.078	.077	-1.3	.078	.077
51808	255554	845621	.79609	.1641	.940	.991	.938	.730	.680	-6.8	.730	.680
51809	36855	143150	.73839	.0526	.956	1.007	.953	.153	.146	-4.6	.153	.146
51877	95110	390908	.27132	.0952	.902	.950	.899	.212	.191	-9.9	.212	.191
51896	679507	3436065	.90198	.4172	.941	.992	.939	.018	.017	-5.6	.018	.017
51900	10643	55855	3.37071	.0366	1.056	1.113	1.053	.095	.100	5.3	.095	.100
51909	83	663	.00000	.0262	.943	.994	.941	.056	.053	-5.4	.056	.053
51926	290188	1234160	1.83254	.2152	1.154	1.216	1.151	.038	.044	15.8	.038	.044
51927	435768	1992520	1.10450	.2989	1.009	1.063	1.006	.131	.132	0.8	.131	.132
51934	30975	617720	.12479	.1309	.858	.904	.856	.125	.107	-14.4	.125	.107
51956	1489747	7355895	.90172	.6003	.928	.978	.926	.221	.205	-7.2	.221	.205
51957	1320055	6661492	1.19457	.5767	1.099	1.158	1.096	.420	.460	9.5	.420	.460
51960	4118	29678	.00000	.0317	.938	.988	.935	.350	.330	-5.7	.350	.330
51982	11270	56054	.00000	.0366	.933	.983	.930	.083	.077	-7.2	.083	.077
51986	37851	256749	.50018	.0726	.935	.985	.932	.103	.096	-6.8	.103	.096
51999	145738	672942	.61095	.1392	.919	.968	.916	.440	.400	-9.1	.440	.400
52075	62549	250262	.24674	.0715	.917	.966	.914	.243	.222	-8.6	.243	.222
52134	2109846	10635756	.94107	.6835	.950	1.001	.947	.630	.600	-4.8	.630	.600
52315	500835	2386459	1.23792	.3357	1.059	1.116	1.056	.260	.270	3.8	.260	.270
52505	59121	184173	3.16342	.0599	1.100	1.159	1.097	.216	.237	9.7	.216	.237
52547	221159	1097930	.64941	.1980	.905	.954	.903	.078	.070	-10.3	.078	.070
52911	941082	4745325	.92428	.4945	.947	.998	.944	.450	.420	-6.7	.450	.420
52967	24175	122326	.42102	.0488	.942	.993	.940	.062	.058	-6.5	.062	.058

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

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LOSS COST % CHANGE BY CLASS

SUBLINE: PRODUCTS

CLASS GROUP: 06

NUMBER OF YEARS OF DATA USED: 5

CHANGE FACTOR = INDEX \* CG REL \* SWRL USED = INDEX \* 1.010 \* .937

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

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

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LOSS COST % CHANGE BY CLASS

SUBLINE: PRODUCTS

CLASS GROUP: 06

NUMBER OF YEARS OF DATA USED: 5

CHANGE FACTOR = INDEX \* CG REL \* SWRL USED = INDEX \* 1.010 \* .937

CLASS	AYE 2019 MONO/MULTI ALCCL (1)	5 YEAR MONO/MULTI ALCCL (2)	5 YEAR MONO/MULTI EXPERIENCE RATIO (3)	CRED. (4)	FORMULA ER (5)	INDEX (6)	CHANGE FACTOR (7)	PRESENT MULTI- STATE OCCUR (8)	PROPOSED MULTI- STATE OCCUR (9)	STATE- WIDE % CHANGE (10)	PRESENT STATEWIDE OCCUR (11)	PROPOSED STATEWIDE OCCUR (12)
58301	107936	360140	.00000	.0901	.881	.928	.878	.088	.077	-12.5	.088	.077
58302	65390	256588	.47500	.0726	.933	.983	.930	.055	.051	-7.3	.055	.051
58397	1543566	5900480	.81021	.5475	.882	.929	.879	.740	.650	-12.2	.740	.650
58575	11569	66716	.00000	.0386	.931	.981	.928	.120	.111	-7.5	.120	.111
58663	1340596	6043546	.29212	.5533	.594	.626	.592	1.280	.950	-25.8	1.280	.950
58802	51642	212588	1.39011	.0649	.996	1.050	.994	.480	.480	0.0	.480	.480
58837	7651	39505	1.81187	.0335	.997	1.051	.995	.162	.161	-0.6	.162	.161
58840	4386	18632	.41064	.0296	.952	1.003	.949	.127	.121	-4.7	.127	.121
58873	242688	1044614	.58838	.1911	.896	.944	.893	.030	.027	-10.0	.030	.027
58904	425	21752	.00000	.0302	.939	.989	.936	.128	.120	-6.2	.128	.120
58922	1177602	5186281	1.16121	.5161	1.068	1.125	1.065	.168	.179	6.5	.168	.179
59005	280655	1231800	.79205	.2149	.931	.981	.928	.096	.089	-7.3	.096	.089
59188	315	1037	.00000	.0263	.943	.994	.941	.055	.052	-5.5	.055	.052
59189	4388	16891	.00000	.0293	.940	.991	.938	.300	.280	-6.7	.300	.280
59223	153229	712658	2.36372	1.1451	1.171	1.234	1.168	.088	.103	17.0	.088	.103
59378	0	18	.00000	.0261	.943	.994	.941	.150	.141	-6.0	.150	.141
59481	75084	415448	1.04688	.0992	.976	1.028	.973	.099	.096	-3.0	.099	.096
59701	1412	55279	5.39244	.0365	1.130	1.191	1.127	.290	.330	13.8	.290	.330
59713	301763	1548246	1.38248	.2522	1.073	1.131	1.070	.310	.330	6.5	.310	.330
59722	62318	297369	.06894	.0795	.897	.945	.894	.031	.028	-9.7	.031	.028
59723	16196	91896	.00000	.0433	.927	.977	.925	.037	.034	-8.1	.037	.034
59726	86627	635036	1.04701	.1335	.979	1.032	.977	.024	.023	-4.2	.024	.023
59738	14791	80067	.00000	.0411	.929	.979	.926	.064	.059	-7.8	.064	.059
59773	0	0	.00000	.0000	.969	1.000	.946	.028	.026	-7.1	.028	.026
59774	728	2250	.00000	.0265	.943	.994	.941	.150	.141	-6.0	.150	.141
59775	0	0	.00000	.0000	.000	.000	.000	.188	.178	-5.3	.188	.178
59798	919213	3825907	.85201	.4426	.917	.966	.914	.500	.460	-8.0	.500	.460
59886	16350	102900	.00000	.0453	.925	.975	.923	.108	.100	-7.4	.108	.100
59889	13663	85035	4.93982	.0420	1.135	1.196	1.132	.165	.187	13.3	.165	.187
59914	833217	4058659	1.06610	.4567	1.013	1.067	1.010	.680	.690	1.5	.680	.690
59915	167755	772943	.44403	.1538	.888	.936	.886	.750	.660	-12.0	.750	.660
59917	109027	505380	2.45413	.1136	1.137	1.198	1.134	.205	.232	13.2	.205	.232
59931	211163	843839	.40513	.1639	.876	.923	.873	.550	.480	-12.7	.550	.480
59932	4051	174717	.00000	.0582	.912	.961	.909	.880	.800	-9.1	.880	.800
59947	14807	89363	.00000	.0428	.927	.977	.925	.320	.300	-6.3	.320	.300
59955	20556	108932	.01373	.0464	.924	.974	.922	.143	.132	-7.7	.143	.132
59970	19383	102003	.00000	.0451	.925	.975	.923	.183	.169	-7.7	.183	.169

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

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LOSS COST % CHANGE BY CLASS

SUBLINE: PRODUCTS

CLASS GROUP: 06

NUMBER OF YEARS OF DATA USED: 5

CHANGE FACTOR = INDEX \* CG REL \* SWRL USED = INDEX \* 1.010 \* .937

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

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

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LOSS COST % CHANGE BY CLASS

SUBLINE: PRODUCTS

CLASS GROUP: 07

NUMBER OF YEARS OF DATA USED: 5

CHANGE FACTOR = INDEX \* CG REL \* SWRL USED = INDEX \* 1.001 \* .937

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

X-TILDE: .943 X-TILDE (MONOLINE): .897 PI-TILDE: .0059085

TAU SQUARED: .06287 SIGMA SQUARED: 203082.09384

L - CAPPED DOWN

U - CAPPED UP

N - NOT SUBJECT TO CAPPING

E - SUBJECT TO CAPPING EXCEPTION

SECTION G  
SUPPORTING MATERIAL -- LOCAL PRODUCTS/COMPLETED OPERATIONS  
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MULTISTATE  
LOCAL PRODUCTS/COMPLETED OPERATIONS  
CALCULATION OF AGGREGATE LOSS COSTS  
AT CURRENT LEVEL

TYPE OF POLICY	ACCIDENT YEAR ENDING	\$100,000 BASIC LIMIT AGGREGATE LOSS COSTS AT CURRENT LEVEL	EXPOSURE DEVELOPMENT FACTOR+	EXPOSURE TREND#	AVERAGE IPMF*	TRENDED \$100,000 BASIC LIMIT AGGREGATE LOSS COSTS AT CURRENT LEVEL
MONOLINE	12/31/2017	\$101,536,480	1.000	1.076		\$109,253,253
	12/31/2018	107,898,874	1.000	1.042		112,430,627
	12/31/2019	114,619,266	1.016	1.017		118,432,878
MULTILINE	12/31/2017	\$218,809,332	1.000	1.077	0.994	\$234,243,705
	12/31/2018	226,318,107	1.000	1.042	0.997	235,115,997
	12/31/2019	226,959,119	1.016	1.018	1.000	234,741,093
TOTAL	12/31/2017					\$343,496,958
	12/31/2018					347,546,624
	12/31/2019					353,173,971

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

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

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

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

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

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

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



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

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

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

# The indemnity development factors shown are weighted averages over all states and all Local Products/Completed Operations class groups.

WISCONSIN  
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	1.386
35	Not Applicable	--
36	Service Policy	1.194
37	Industrial/Processing Policy	1.435
38	Contractors Policy	0.984

(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 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.

WISCONSIN

LOCAL PRODUCTS/COMPLETED OPERATIONS

FULL & DEDUCTIBLE COMBINED  
TOTAL LIMITS PREMIUM

CALCULATION OF EXPOSURE DEVELOPMENT FACTORS

(1) Evaluation Period	(2) Multistate Ratio (a)	(3) State Ratio (b)	(4) <u>Credibility (c)</u>	(5) Weighted Ratio (d)	(6) Credibility Constant(Ki)
15 to 27 Months	1.016	1.007	0.8406	1.008	4,000,000
27 to 39 Months	0.999	0.999	0.3990	0.999	31,000,000
Accident Year Ending	Exposure Development From				Factor
	<u>27:15</u>	<u>39:27</u>	<u>ULT:39</u>		
12/31/2017			1.000		1.000
12/31/2018		0.999	1.000		0.999
12/31/2019	1.008	0.999	1.000		1.007

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

WISCONSIN  
LOCAL PRODUCTS/COMPLETED OPERATIONS

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

Accident Year Ending	15 Months	27 Months	39 Months	51 Months	63 Months	75 Months	87 Months	99 Months
12/31/2012	5,512,887	5,588,883	5,587,925	5,528,832	5,528,710	5,528,710	5,528,710	5,528,710
12/31/2013	6,037,036	6,070,356	6,008,760	6,008,557	6,008,584	6,008,584	6,008,584	
12/31/2014	6,327,984	6,387,315	6,385,694	6,381,013	6,381,017	6,382,435		
12/31/2015	6,619,326	6,675,291	6,663,324	6,663,524	6,664,182			
12/31/2016	6,810,830	6,825,250	6,829,187	6,825,944				
12/31/2017	7,034,582	7,080,126	7,074,964					
12/31/2018	7,251,322	7,307,636						
12/31/2019	7,180,449							

LINK RATIOS

Accident Year Ending	27:15	39:27	51:39	63:51	75:63	87:75	99:87
12/31/2012	1.014	1.000	0.989	1.000	1.000	1.000	1.000
12/31/2013	1.006	0.990	1.000	1.000	1.000	1.000	
12/31/2014	1.009	1.000	0.999	1.000	1.000		
12/31/2015	1.008	0.998	1.000	1.000			
12/31/2016	1.002	1.001	1.000				
12/31/2017	1.006	0.999					
12/31/2018	1.008						
12/31/2019							

Average Best 3 of 5

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

MULTISTATE  
LOCAL PRODUCTS/COMPLETED OPERATIONS

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

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

LINK RATIOS

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

Average Best 3 of 5

<u>27:15</u>	<u>39:27</u>
1.016	0.999

LOCAL PRODUCTS/COMPLETED OPERATIONS LOSS DEVELOPMENT DATA  
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LOCAL PRODUCTS

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WISCONSIN

Completed Operations  
Bodily Injury  
Full Coverage  
Incurred Losses excluding ALAE

Calculation of Loss Development Factors

(1)	(2)	(3)	(4)	(5)	
EVALUATION PERIOD	MULTISTATE RATIO (A)	STATE RATIO (B)	CREDIBILITY (C)	WEIGHTED RATIO (D)	Credibility Constant (Ki)
15 to 27 Months	1.928	1.622	0.1810	1.873	350,000
27 to 39 Months	1.447	2.807	0.4034	1.996	390,000
39 to 51 Months	1.064	1.188	0.3779	1.111	420,000
51 to 63 Months	1.000	1.221	0.5253	1.116	460,000
63 to 75 Months	0.979	0.981	0.5841	0.980	510,000
75 to 87 Months	0.986	1.000	0.5544	0.994	550,000
87 to 99 Months	0.985	1.000	0.4842	0.992	610,000
99 to 111 Months	0.996	1.000	0.3744	0.997	660,000
111 to 123 Months	0.990	1.000	0.3932	0.994	730,000
123 to 135 Months	0.996	1.000	0.2786	0.997	800,000
135 to 147 Months	0.999	1.000	0.2888	0.999	880,000
147 to 159 Months	0.999	1.000	0.3270	0.999	970,000
159 to 171 Months	0.999	1.000	0.2978	0.999	1,100,000
171 to 183 Months	1.000	1.000	0.2650	1.000	1,200,000
183 to 195 Months	1.000	1.000	0.1487	1.000	1,300,000
195 to 207 Months	0.999	1.000	0.2356	0.999	1,400,000
207 to 219 Months	1.000	1.000	0.2613	1.000	1,600,000
219 to 231 Months	1.000	1.000	0.2397	1.000	1,700,000
231 to 243 Months	1.000	1.000	0.1169	1.000	1,900,000
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								
12/31/2017			1.111	1.116	0.980	0.994	0.992	0.997	0.994	0.997	0.999	
12/31/2018		1.996	1.111	1.116	0.980	0.994	0.992	0.997	0.994	0.997	0.999	
12/31/2019	1.873	1.996	1.111	1.116	0.980	0.994	0.992	0.997	0.994	0.997	0.999	
		159:147	171:159	183:171	195:183	207:195	219:207	231:219	243:231	ULT:243		Factor
12/31/2017	0.999	0.999	1.000	1.000	0.999	1.000	1.000	1.000	1.000	1.000		1.179
12/31/2018	0.999	0.999	1.000	1.000	0.999	1.000	1.000	1.000	1.000	1.000		2.353
12/31/2019	0.999	0.999	1.000	1.000	0.999	1.000	1.000	1.000	1.000	1.000		4.408

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

WISCONSIN

Completed Operations  
Bodily Injury  
Full Coverage  
ALAE

Calculation of Cumulative Incremental Factors

(1)	(2)
EVALUATION PERIOD	MULTISTATE RATIO (A)
15 to 27 Months	0.0659
27 to 39 Months	0.1252
39 to 51 Months	0.1103
51 to 63 Months	0.0804
63 to 75 Months	0.0482
75 to 87 Months	0.0212
87 to 99 Months	0.0053
99 to 111 Months	0.0111
111 to 123 Months	0.0046
123 to 135 Months	0.0008
135 to 147 Months	0.0067
147 to 159 Months	0.0041
159 to 171 Months	0.0032
171 to Ultimate	A multistate link ratio factor of 1.014 has been used.

Cumulative Incremental Factors							
<u>Months-to-Ultimate</u>	<u>15</u>	<u>27</u>	<u>39</u>	<u>51</u>	<u>63</u>	<u>75</u>	<u>87</u>
	0.487	0.421	0.296	0.186	0.105	0.057	0.036
<u>Months-to-Ultimate</u>	<u>99</u>	<u>111</u>	<u>123</u>	<u>135</u>	<u>147</u>	<u>159</u>	<u>171</u>
	0.030	0.019	0.015	0.014	0.007	0.003	0.000

A.Y.E	Reported ALAE as of 3/31/20	\$500,000 Ultimate Indemnity	ALAE Factor	Additional ALAE	ALAE at 171 Months	171-Ultimate Factor	Ultimate ALAE
12/31/2017	124,391	1,129,920	0.296	334,456	458,847	1.014	465,264
12/31/2018	7,197	375,462	0.421	158,070	165,267	1.014	167,577
12/31/2019	5	220,209	0.487	107,242	107,247	1.014	108,748

(A) See Section G - Multistate Loss Development.

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



WISCONSIN

Completed Operations  
Property Damage  
Full Coverage  
Incurred Losses excluding ALAE

Calculation of Loss Development Factors

(1)	(2)	(3)	(4)	(5)	
EVALUATION PERIOD	MULTISTATE RATIO (A)	STATE RATIO (B)	CREDIBILITY (C)	WEIGHTED RATIO (D)	Credibility Constant (Ki)
15 to 27 Months	1.232	1.051	0.6844	1.108	1,000,000
27 to 39 Months	1.117	1.019	0.6627	1.052	1,100,000
39 to 51 Months	1.060	1.052	0.6619	1.055	1,100,000
51 to 63 Months	1.041	1.036	0.6806	1.038	1,200,000
63 to 75 Months	1.040	0.969	0.6843	0.991	1,300,000
75 to 87 Months	1.030	1.016	0.6194	1.021	1,400,000
87 to 99 Months	1.023	1.000	0.6195	1.009	1,500,000
99 to 111 Months	1.041	1.059	0.5838	1.052	1,600,000
111 to 123 Months	1.017	0.997	0.6345	1.004	1,700,000
123 to 135 Months	1.020	0.999	0.5828	1.008	1,900,000
135 to 147 Months	1.011	0.999	0.5547	1.004	2,000,000
147 to 159 Months	1.010	1.000	0.4814	1.005	2,200,000
159 to 171 Months	1.006	1.000	0.4443	1.003	2,300,000
171 to 183 Months	1.008	1.000	0.4268	1.005	2,500,000
183 to 195 Months	1.003	1.000	0.4088	1.002	2,700,000
195 to 207 Months	1.002	1.000	0.4209	1.001	2,900,000
207 to 219 Months	1.003	1.000	0.4679	1.002	3,100,000
219 to 231 Months	1.002	1.000	0.3832	1.001	3,300,000
231 to 243 Months	1.001	1.000	0.2522	1.001	3,500,000
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								
12/31/2017			1.055	1.038	0.991	1.021	1.009	1.052	1.004	1.008	1.004	
12/31/2018		1.052	1.055	1.038	0.991	1.021	1.009	1.052	1.004	1.008	1.004	
12/31/2019	1.108	1.052	1.055	1.038	0.991	1.021	1.009	1.052	1.004	1.008	1.004	

	159:147	171:159	183:171	195:183	207:195	219:207	231:219	243:231	ULT:243	Factor
12/31/2017	1.005	1.003	1.005	1.002	1.001	1.002	1.001	1.001	1.001	1.220
12/31/2018	1.005	1.003	1.005	1.002	1.001	1.002	1.001	1.001	1.001	1.284
12/31/2019	1.005	1.003	1.005	1.002	1.001	1.002	1.001	1.001	1.001	1.422

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

WISCONSIN

Completed Operations  
Property Damage  
Full Coverage  
ALAE

Calculation of Cumulative Incremental Factors

(1)	(2)
EVALUATION PERIOD	MULTISTATE RATIO (A)
15 to 27 Months	0.0663
27 to 39 Months	0.0797
39 to 51 Months	0.0832
51 to 63 Months	0.0578
63 to 75 Months	0.0470
75 to 87 Months	0.0315
87 to 99 Months	0.0251
99 to 111 Months	0.0267
111 to 123 Months	0.0235
123 to 135 Months	0.0256
135 to 147 Months	0.0150
147 to 159 Months	0.0134
159 to 171 Months	0.0082
171 to Ultimate	A multistate link ratio factor of 1.034 has been used.

Cumulative Incremental Factors							
<u>Months-to-Ultimate</u>	<u>15</u>	<u>27</u>	<u>39</u>	<u>51</u>	<u>63</u>	<u>75</u>	<u>87</u>
	0.503	0.437	0.357	0.274	0.216	0.169	0.137
<u>Months-to-Ultimate</u>	<u>99</u>	<u>111</u>	<u>123</u>	<u>135</u>	<u>147</u>	<u>159</u>	<u>171</u>
	0.112	0.086	0.062	0.037	0.022	0.008	0.000

A.Y.E	Reported ALAE as of 3/31/20	\$500,000 Ultimate Indemnity	ALAE Factor	Additional ALAE	ALAE at 171 Months	171-Ultimate Factor	Ultimate ALAE
12/31/2017	653,657	1,556,261	0.357	555,585	1,209,242	1.034	1,250,341
12/31/2018	255,936	1,445,747	0.437	631,791	887,727	1.034	917,899
12/31/2019	38,311	1,525,504	0.503	767,329	805,640	1.034	833,022

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

\$100,000 Basic Limit Losses as of:											
<u>A.Y.E.</u>	<u>15 Months</u>	<u>27 Months</u>	<u>39 Months</u>	<u>51 Months</u>	<u>63 Months</u>	<u>75 Months</u>	<u>87 Months</u>	<u>99 Months</u>	<u>111 Months</u>	<u>123 Months</u>	<u>135 Months</u>
12/31/2000	133,947	199,172	255,939	233,998	274,598	251,498	251,498	251,498	251,498	251,498	251,498
12/31/2001	201,677	308,546	275,946	228,351	248,346	297,096	284,596	284,596	284,596	284,596	284,596
12/31/2002	83,435	34,240	62,730	29,730	29,730	29,730	29,730	29,730	29,730	29,730	29,730
12/31/2003	62,536	146,999	141,999	117,999	116,999	117,059	117,059	117,059	117,059	117,059	117,059
12/31/2004	71,759	69,359	69,359	69,359	79,359	80,359	80,364	80,359	80,359	80,359	80,359
12/31/2005	113,062	196,912	195,056	186,270	200,270	235,270	235,270	235,270	235,270	235,270	235,270
12/31/2006	107,824	119,484	128,484	213,984	150,984	150,984	150,984	150,984	150,984	150,984	150,984
12/31/2007	2,000	57,500	94,500	85,000	85,000	85,000	85,000	85,000	85,000	85,000	85,000
12/31/2008	7,959	17,959	122,569	127,569	126,569	126,569	121,444	121,444	121,444	121,444	121,444
12/31/2009	32,500	22,500	102,500	102,500	102,500	102,500	102,500	102,500	102,500	102,500	102,500
12/31/2010	123,200	244,200	202,175	215,873	265,873	250,774	249,175	249,175	249,175	249,175	
12/31/2011	17,011	17,359	27,359	29,859	43,359	43,359	43,359	43,359	43,359		
12/31/2012	61,500	105,193	254,703	364,895	255,193	280,193	280,193	280,193			
12/31/2013	32,500	67,930	180,180	382,546	438,657	360,680	360,680				
12/31/2014	17,000	10,400	35,000	20,000	22,500	22,500					
12/31/2015	1,874	874	75,874	106,558	148,374						
12/31/2016		60,000	144,240	105,000							
12/31/2017	62,347	202,847	212,066								
12/31/2018	15,000	60,008									
12/31/2019											

  

<u>A.Y.E.</u>	<u>147 Months</u>	<u>159 Months</u>	<u>171 Months</u>	<u>183 Months</u>	<u>195 Months</u>	<u>207 Months</u>	<u>219 Months</u>	<u>231 Months</u>	<u>243 Months</u>
12/31/2000	251,498	251,498	251,498	251,498	251,498	251,498	251,498	251,498	251,498
12/31/2001	284,596	284,596	284,596	284,596	284,596	284,596	284,596	284,596	
12/31/2002	29,730	29,730	29,730	29,730	29,730	29,730	29,730		
12/31/2003	117,059	117,059	117,059	117,059	117,059	117,059			
12/31/2004	80,359	80,359	80,359	80,359	80,359				
12/31/2005	235,270	235,270	235,270	235,270					
12/31/2006	150,984	150,984	150,984						
12/31/2007	85,000	85,000							
12/31/2008	121,444								

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

A.Y.E.	Link Ratios										
	27: 15	39: 27	51: 39	63: 51	75: 63	87: 75	99: 87	111: 99	123:111	135:123	147:135
12/31/2000	1.487	1.285	0.914	1.174	0.916	1.000	1.000	1.000	1.000	1.000	1.000
12/31/2001	1.530	0.894	0.828	1.088	1.196	0.958	1.000	1.000	1.000	1.000	1.000
12/31/2002	0.410	1.832	0.474	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
12/31/2003	2.351	0.966	0.831	0.992	1.001	1.000	1.000	1.000	1.000	1.000	1.000
12/31/2004	0.967	1.000	1.000	1.144	1.013	1.000	1.000	1.000	1.000	1.000	1.000
12/31/2005	1.742	0.991	0.955	1.075	1.175	1.000	1.000	1.000	1.000	1.000	1.000
12/31/2006	1.108	1.075	1.665	0.706	1.000	1.000	1.000	1.000	1.000	1.000	1.000
12/31/2007	28.750	1.643	0.899	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
12/31/2008	2.256	6.825	1.041	0.992	1.000	0.960	1.000	1.000	1.000	1.000	1.000
12/31/2009	0.692	4.556	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
12/31/2010	1.982	0.828	1.068	1.232	0.943	0.994	1.000	1.000	1.000	1.000	1.000
12/31/2011	1.020	1.576	1.091	1.452	1.000	1.000	1.000	1.000			
12/31/2012	1.710	2.421	1.433	0.699	1.098	1.000	1.000				
12/31/2013	2.090	2.652	2.123	1.147	0.822	1.000					
12/31/2014	0.612	3.365	0.571	1.125	1.000						
12/31/2015	0.466	86.812	1.404	1.392							
12/31/2016	1.000 *	2.404	0.728								
12/31/2017	3.254	1.045									
12/31/2018	4.001										

3 Yr Mean	3.628 @	30.087	0.901	1.221	0.973	1.000	1.000	1.000	1.000	1.000	1.000
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Best 3/5	1.622 *	2.807	1.188	1.221	0.981	1.000	1.000	1.000	1.000	1.000	1.000
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A.Y.E.	159:147	171:159	183:171	195:183	207:195	219:207	231:219	243:231
12/31/2000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
12/31/2001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000 *
12/31/2002	1.000	1.000	1.000	1.000	1.000	1.000	1.000 *	1.000 *
12/31/2003	1.000	1.000	1.000	1.000	1.000	1.000 *	1.000 *	1.000 *
12/31/2004	1.000	1.000	1.000	1.000	1.000 *	1.000 *	1.000 *	1.000 *
12/31/2005	1.000	1.000	1.000					
12/31/2006	1.000	1.000						
12/31/2007	1.000							

3 Yr Mean	1.000	1.000	1.000	1.000	1.000 @	1.000 @	1.000 @	1.000 @
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Best 3/5	1.000	1.000	1.000	1.000	1.000 *	1.000 *	1.000 *	1.000 *
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A.Y.E.	Development From										
	15/ 27	27/ 39	39/ 51	51/ 63	63/ 75	75/ 87	87/ 99	99/111	111/123	123/135	135/147
12/31/2015					0.981	1.000	1.000	1.000	1.000	1.000	1.000
12/31/2016				1.221	0.981	1.000	1.000	1.000	1.000	1.000	1.000
12/31/2017			1.188	1.221	0.981	1.000	1.000	1.000	1.000	1.000	1.000
12/31/2018		2.807	1.188	1.221	0.981	1.000	1.000	1.000	1.000	1.000	1.000
12/31/2019	1.622	2.807	1.188	1.221	0.981	1.000	1.000	1.000	1.000	1.000	1.000

A.Y.E.	147/159	159/171	171/183	183/195	195/207	207/219	219/231	231/243	243/Ult	FACTORS
12/31/2015	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000*	0.981
12/31/2016	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000*	1.198
12/31/2017	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000*	1.423
12/31/2018	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000*	3.994
12/31/2019	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000*	6.479

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

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

A.Y.E	Allocated Expenses as of:										
	<u>15 Months</u>	<u>27 Months</u>	<u>39 Months</u>	<u>51 Months</u>	<u>63 Months</u>	<u>75 Months</u>	<u>87 Months</u>	<u>99 Months</u>	<u>111 Months</u>	<u>123 Months</u>	<u>135 Months</u>
12/31/2000	9,996	21,743	29,338	33,693	75,532	80,386	80,386	80,386	80,386	80,386	80,386
12/31/2001	7,811	13,962	36,687	40,967	58,426	61,978	61,978	61,978	61,978	61,978	61,978
12/31/2002	5,675	9,276	42,832	12,858	12,858	12,858	12,858	12,858	12,858	12,858	12,858
12/31/2003	5,214	50,393	53,801	150,087	150,835	150,835	150,835	150,835	150,835	150,835	150,835
12/31/2004	544	731	731	1,233	25,857	26,373	26,373	26,373	26,373	27,142	27,142
12/31/2005	1,915	10,017	80,196	93,636	118,479	223,728	146,059	146,059	146,059	146,059	146,059
12/31/2006	21,083	400,740	335,843	354,255	373,598	373,598	373,598	373,598	373,598	373,598	373,598
12/31/2007	3,500	809	3,177	5,217	5,217	5,217	5,217	5,217	5,217	5,217	5,217
12/31/2008	0	0	10,226	78,072	120,791	120,791	120,791	120,791	120,791	120,791	120,791
12/31/2009	250	0	99,245	109,677	109,677	109,677	109,677	109,677	109,677	109,677	109,677
12/31/2010	2,954	88,563	111,793	144,299	159,642	159,634	159,634	159,634	159,634	159,634	
12/31/2011	2,500	3,368	8,001	45,183	157,628	148,246	148,246	148,246	148,246		
12/31/2012	0	40,139	67,343	154,062	243,169	452,011	449,112	188,635			
12/31/2013	677	13,960	48,026	114,256	177,077	177,144	177,144				
12/31/2014	0	693	358	8,197	14,060	14,060					
12/31/2015	122	0	0	42,709	51,404						
12/31/2016	0	10,613	13,874	31,375							
12/31/2017	6,572	14,605	39,575								
12/31/2018	2	7,134									
12/31/2019	5										

A.Y.E	<u>147 Months</u>	<u>159 Months</u>	<u>171 Months</u>	<u>183 Months</u>	<u>195 Months</u>	<u>207 Months</u>	<u>219 Months</u>	<u>231 Months</u>	<u>243 Months</u>
12/31/2000	80,386	80,386	80,386	80,386	80,386	80,386	80,386	80,386	80,386
12/31/2001	61,978	67,170	67,170	67,170	67,170	67,170	67,170	67,170	
12/31/2002	12,858	12,858	12,858	12,858	12,858	166,858	166,858		
12/31/2003	150,835	150,835	150,835	150,835	150,835	150,835			
12/31/2004	27,142	27,142	27,142	27,142	27,142				
12/31/2005	146,059	146,059	146,059	146,059					
12/31/2006	373,598	373,598	373,598						
12/31/2007	5,217	5,217							
12/31/2008	120,791								

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

\$100,000 Basic Limit Losses as of:											
<u>A.Y.E.</u>	<u>15 Months</u>	<u>27 Months</u>	<u>39 Months</u>	<u>51 Months</u>	<u>63 Months</u>	<u>75 Months</u>	<u>87 Months</u>	<u>99 Months</u>	<u>111 Months</u>	<u>123 Months</u>	<u>135 Months</u>
12/31/2000	715,186	675,180	951,467	1,264,324	1,200,068	1,204,765	1,198,167	1,204,167	1,203,917	1,144,747	1,164,547
12/31/2001	549,919	708,766	704,421	813,859	950,504	831,347	840,583	836,422	842,851	839,420	844,420
12/31/2002	743,236	899,657	623,294	717,895	674,474	637,613	679,772	638,935	635,961	606,540	606,540
12/31/2003	781,424	694,886	628,022	539,944	449,268	469,152	586,652	697,451	672,451	562,863	658,313
12/31/2004	295,942	281,434	428,184	530,128	591,956	533,209	615,964	608,893	641,303	709,208	653,608
12/31/2005	326,242	492,099	382,659	473,406	420,719	457,219	507,319	572,219	587,219	587,219	587,219
12/31/2006	629,258	649,472	532,810	553,047	545,947	533,649	558,236	597,454	583,380	583,374	583,374
12/31/2007	499,024	448,325	531,377	578,646	643,645	550,137	723,890	796,001	798,236	796,236	876,236
12/31/2008	838,802	815,520	798,594	746,905	848,435	839,935	909,935	918,435	914,935	1,035,468	1,031,917
12/31/2009	860,537	975,724	774,250	733,822	713,916	720,069	752,263	747,263	827,263	822,263	811,351
12/31/2010	703,977	919,667	984,008	963,307	1,164,910	1,129,172	1,134,073	1,134,070	1,209,070	1,148,070	
12/31/2011	495,329	472,033	354,342	342,024	377,524	342,524	362,524	362,524	452,527		
12/31/2012	819,252	985,941	1,039,928	993,187	935,775	1,035,995	945,272	945,272			
12/31/2013	1,061,731	894,010	971,422	904,752	949,502	899,502	899,502				
12/31/2014	892,469	894,602	756,874	913,529	933,175	923,720					
12/31/2015	673,513	741,917	644,413	738,311	766,678						
12/31/2016	528,475	553,925	752,117	794,050							
12/31/2017	880,087	865,256	953,008								
12/31/2018	759,918	904,650									
12/31/2019	759,244										

  

<u>A.Y.E.</u>	<u>147 Months</u>	<u>159 Months</u>	<u>171 Months</u>	<u>183 Months</u>	<u>195 Months</u>	<u>207 Months</u>	<u>219 Months</u>	<u>231 Months</u>	<u>243 Months</u>
12/31/2000	1,186,747	1,180,627	1,180,627	1,180,627	1,180,627	1,180,627	1,180,627	1,180,627	1,180,627
12/31/2001	869,419	869,419	869,419	869,419	869,419	869,419	869,419	869,419	
12/31/2002	656,540	608,040	607,873	607,873	632,873	675,730	675,730		
12/31/2003	605,813	605,813	605,813	605,813	605,813	605,813			
12/31/2004	653,608	653,608	653,608	653,608	653,608				
12/31/2005	587,219	602,219	602,219	587,219					
12/31/2006	583,374	583,374	583,374						
12/31/2007	871,236	871,236							
12/31/2008	1,027,435								

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

A.Y.E.	Link Ratios										
	27: 15	39: 27	51: 39	63: 51	75: 63	87: 75	99: 87	111: 99	123:111	135:123	147:135
12/31/2000	0.944	1.409	1.329	0.949	1.004	0.995	1.005	1.000	0.951	1.017	1.019
12/31/2001	1.289	0.994	1.155	1.168	0.875	1.011	0.995	1.008	0.996	1.006	1.030
12/31/2002	1.210	0.693	1.152	0.940	0.945	1.066	0.940	0.995	0.954	1.000	1.082
12/31/2003	0.889	0.904	0.860	0.832	1.044	1.250	1.189	0.964	0.837	1.170	0.920
12/31/2004	0.951	1.521	1.238	1.117	0.901	1.155	0.989	1.053	1.106	0.922	1.000
12/31/2005	1.508	0.778	1.237	0.889	1.087	1.110	1.128	1.026	1.000	1.000	1.000
12/31/2006	1.032	0.820	1.038	0.987	1.046	1.077	1.070	0.976	1.000	1.000	1.000
12/31/2007	0.898	1.185	1.089	1.112	0.855	1.316	1.100	1.003	0.997	1.100	0.994
12/31/2008	0.972	0.979	0.935	1.136	0.990	1.083	1.009	0.996	1.132	0.997	0.996
12/31/2009	1.134	0.794	0.948	0.973	1.009	1.045	0.993	1.107	0.994	0.987	
12/31/2010	1.306	1.070	0.979	1.209	0.969	1.004	1.000	1.066	0.950		
12/31/2011	0.953	0.751	0.965	1.104	0.907	1.058	1.000	1.248			
12/31/2012	1.203	1.055	0.955	0.942	1.107	0.912	1.000				
12/31/2013	0.842	1.087	0.931	1.049	0.947	1.000					
12/31/2014	1.002	0.846	1.207	1.022	0.990						
12/31/2015	1.102	0.869	1.146	1.038							
12/31/2016	1.048	1.358	1.056								
12/31/2017	0.983	1.101									
12/31/2018	1.190										

3 Yr Mean      1.074      1.109      1.136      1.036      1.015      0.990      1.000      1.140      1.025      1.028      0.997

Best 3/5      1.051      1.019      1.052      1.036      0.969      1.016      1.000      1.059      0.997      0.999      0.999

A.Y.E.	159:147	171:159	183:171	195:183	207:195	219:207	231:219	243:231
12/31/2000	0.995	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	0.926	1.000	1.000	1.041	1.068	1.000	1.000 *	1.000 *
12/31/2003	1.000	1.000	1.000	1.000	1.000	1.000 *	1.000 *	1.000 *
12/31/2004	1.000	1.000	1.000	1.000	1.000 *	1.000 *	1.000 *	1.000 *
12/31/2005	1.026	1.000	0.975					
12/31/2006	1.000	1.000						
12/31/2007	1.000							

3 Yr Mean      1.009      1.000      0.992      1.014      1.023 @      1.000 @      1.000 @      1.000 @

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

A.Y.E.	Development From										
	15/ 27	27/ 39	39/ 51	51/ 63	63/ 75	75/ 87	87/ 99	99/111	111/123	123/135	135/147
12/31/2015					0.969	1.016	1.000	1.059	0.997	0.999	0.999
12/31/2016				1.036	0.969	1.016	1.000	1.059	0.997	0.999	0.999
12/31/2017			1.052	1.036	0.969	1.016	1.000	1.059	0.997	0.999	0.999
12/31/2018		1.019	1.052	1.036	0.969	1.016	1.000	1.059	0.997	0.999	0.999
12/31/2019	1.051	1.019	1.052	1.036	0.969	1.016	1.000	1.059	0.997	0.999	0.999

A.Y.E.	147/159	159/171	171/183	183/195	195/207	207/219	219/231	231/243	243/Ult	FACTORS
12/31/2015	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000*	1.037
12/31/2016	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000*	1.075
12/31/2017	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000*	1.131
12/31/2018	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000*	1.152
12/31/2019	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000*	1.211

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

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

Allocated Expenses as of:											
A.Y.E	<u>15 Months</u>	<u>27 Months</u>	<u>39 Months</u>	<u>51 Months</u>	<u>63 Months</u>	<u>75 Months</u>	<u>87 Months</u>	<u>99 Months</u>	<u>111 Months</u>	<u>123 Months</u>	<u>135 Months</u>
12/31/2000	41,468	143,456	237,851	355,345	396,714	414,310	430,539	479,402	494,491	494,444	497,545
12/31/2001	24,283	112,957	168,779	274,743	385,097	448,346	490,637	493,994	495,489	495,534	500,378
12/31/2002	231,775	321,758	617,179	673,006	721,142	852,445	908,997	878,109	881,083	881,083	881,083
12/31/2003	32,361	106,943	167,427	241,910	252,925	292,786	380,770	495,294	477,184	528,152	602,136
12/31/2004	26,596	48,120	120,200	183,212	203,757	245,066	312,701	320,396	367,089	387,368	459,057
12/31/2005	39,123	97,556	319,299	524,659	554,898	641,134	776,145	1,072,961	1,162,435	1,190,705	1,184,944
12/31/2006	67,448	112,716	116,136	139,001	143,111	130,621	130,621	152,735	258,130	292,707	292,707
12/31/2007	57,580	51,085	111,498	95,910	116,566	138,943	144,139	270,388	413,628	528,425	545,362
12/31/2008	30,676	78,924	141,886	206,329	265,899	280,527	297,929	297,920	304,688	306,655	330,204
12/31/2009	58,056	111,603	108,385	130,083	166,558	195,512	209,655	215,206	226,162	233,030	237,309
12/31/2010	92,110	195,832	436,974	608,305	911,150	989,486	996,372	1,026,896	1,056,432	1,143,178	
12/31/2011	25,540	65,768	139,731	143,086	144,670	144,795	154,022	178,459	242,700		
12/31/2012	131,596	429,237	587,763	602,281	661,815	759,325	759,325	759,325			
12/31/2013	126,471	206,678	256,930	269,073	313,329	317,304	317,304				
12/31/2014	211,114	282,038	333,342	355,426	412,175	460,957					
12/31/2015	61,168	148,027	203,893	369,289	397,157						
12/31/2016	46,164	116,711	182,841	266,505							
12/31/2017	97,962	193,958	306,006								
12/31/2018	116,006	255,226									
12/31/2019	140,968										

A.Y.E	<u>147 Months</u>	<u>159 Months</u>	<u>171 Months</u>	<u>183 Months</u>	<u>195 Months</u>	<u>207 Months</u>	<u>219 Months</u>	<u>231 Months</u>	<u>243 Months</u>
12/31/2000	505,062	509,943	509,943	509,943	509,943	509,943	509,943	509,943	509,943
12/31/2001	502,840	503,591	503,591	503,591	503,591	503,591	503,591	503,591	
12/31/2002	906,083	906,083	891,492	891,492	941,492	917,924	931,484		
12/31/2003	643,446	643,446	643,446	643,446	643,446	643,446			
12/31/2004	434,651	434,651	434,651	434,651	434,651				
12/31/2005	1,184,944	1,184,944	1,195,936	1,196,236					
12/31/2006	292,707	292,707	292,707						
12/31/2007	547,525	547,525							
12/31/2008	330,204								



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

\$100,000 Basic Limit Losses as of:

A.Y.E.	15 Months	27 Months	39 Months	51 Months	63 Months	75 Months	87 Months	99 Months	111 Months	123 Months	135 Months
12/31/2000	3,242,674	7,144,726	8,981,631	10,648,892	10,464,196	10,814,240	10,323,302	10,286,487	10,137,136	10,175,780	10,173,201
12/31/2001	3,133,452	6,660,980	8,776,836	9,811,634	10,370,281	10,363,562	10,197,264	9,952,141	9,847,539	9,746,086	9,767,456
12/31/2002	2,758,877	6,641,268	8,656,737	9,461,388	10,317,479	10,423,394	10,763,771	10,970,492	11,190,124	11,294,959	11,328,677
12/31/2003	3,470,539	6,397,716	9,686,336	10,239,423	10,166,351	9,993,584	9,741,661	9,703,855	9,687,387	9,723,788	9,774,798
12/31/2004	4,459,289	6,731,994	9,314,891	10,444,438	10,389,712	9,863,317	10,176,098	10,131,332	10,114,920	10,150,083	10,254,941
12/31/2005	4,032,914	6,897,838	9,698,351	10,798,454	10,752,934	10,954,814	11,310,428	11,195,717	11,118,123	11,210,059	11,165,605
12/31/2006	4,118,288	7,991,102	12,143,269	12,860,188	12,777,964	12,975,034	12,848,267	13,060,896	12,972,185	12,886,864	12,813,754
12/31/2007	4,102,327	7,805,367	10,690,625	11,903,762	11,984,701	12,062,570	11,769,326	11,919,965	12,116,873	11,902,398	11,882,985
12/31/2008	4,034,766	7,616,099	10,989,668	11,695,921	11,492,025	11,443,616	12,120,941	11,857,037	11,913,439	11,869,198	12,033,604
12/31/2009	4,688,238	7,515,638	10,516,899	11,134,662	11,140,849	11,587,261	11,291,981	11,279,398	11,165,995	11,006,663	10,941,865
12/31/2010	4,587,101	9,381,269	11,472,678	12,840,889	13,943,374	13,994,289	13,548,619	13,404,958	13,297,191	13,174,779	
12/31/2011	4,511,215	7,061,884	10,610,877	12,695,390	12,661,749	11,638,688	11,728,586	11,507,789	11,398,868		
12/31/2012	3,387,762	7,252,074	12,865,348	12,856,255	13,101,719	12,982,240	12,656,061	12,471,057			
12/31/2013	4,000,180	9,223,943	11,294,278	12,956,977	13,071,827	13,037,182	13,279,634				
12/31/2014	5,096,138	7,859,189	11,925,736	12,349,829	12,174,727	11,560,249					
12/31/2015	4,298,913	7,713,301	11,385,982	12,137,423	12,054,672						
12/31/2016	2,908,112	7,655,730	11,103,353	12,115,610							
12/31/2017	3,891,649	7,788,966	11,023,869								
12/31/2018	4,420,937	8,796,088									
12/31/2019	5,392,704										
A.Y.E.	147 Months	159 Months	171 Months	183 Months	195 Months	207 Months	219 Months	231 Months	243 Months		
12/31/2000	10,209,494	10,262,237	10,204,987	10,258,241	10,253,237	10,268,236	10,268,236	10,266,686	10,303,236		
12/31/2001	9,818,357	9,822,141	9,859,183	9,902,390	9,879,026	9,848,825	9,943,870	9,949,326			
12/31/2002	11,261,882	11,292,415	11,436,649	11,437,359	11,426,321	11,470,449	11,470,449				
12/31/2003	9,810,302	9,823,349	9,862,102	9,842,101	9,842,601	9,815,600					
12/31/2004	10,319,211	10,515,671	10,451,455	10,458,456	10,484,290						
12/31/2005	11,058,866	11,015,958	10,954,617	10,939,482							
12/31/2006	12,815,753	12,808,200	12,805,200								
12/31/2007	11,907,480	11,821,151									
12/31/2008	11,956,080										

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

A.Y.E.	Link Ratios										
	27: 15	39: 27	51: 39	63: 51	75: 63	87: 75	99: 87	111: 99	123:111	135:123	147:135
12/31/2000	2.203	1.257	1.186	0.983	1.033	0.955	0.996	0.985	1.004	1.000	1.004
12/31/2001	2.126	1.318	1.118	1.057	0.999	0.984	0.976	0.989	0.990	1.002	1.005
12/31/2002	2.407	1.303	1.093	1.090	1.010	1.033	1.019	1.020	1.009	1.003	0.994
12/31/2003	1.843	1.514	1.057	0.993	0.983	0.975	0.996	0.998	1.004	1.005	1.004
12/31/2004	1.510	1.384	1.121	0.995	0.949	1.032	0.996	0.998	1.003	1.010	1.006
12/31/2005	1.710	1.406	1.113	0.996	1.019	1.032	0.990	0.993	1.008	0.996	0.990
12/31/2006	1.940	1.520	1.059	0.994	1.015	0.990	1.017	0.993	0.993	0.994	1.000
12/31/2007	1.903	1.370	1.113	1.007	1.006	0.976	1.013	1.017	0.982	0.998	1.002
12/31/2008	1.888	1.443	1.064	0.983	0.996	1.059	0.978	1.005	0.996	1.014	0.994
12/31/2009	1.603	1.603	1.059	1.001	1.040	0.975	0.999	0.990	0.986	0.994	
12/31/2010	2.045	1.223	1.119	1.086	1.004	0.968	0.989	0.992	0.991		
12/31/2011	1.565	1.503	1.196	0.997	0.919	1.008	0.981	0.991			
12/31/2012	2.141	1.774	0.999	1.019	0.991	0.975	0.985				
12/31/2013	2.306	1.224	1.147	1.009	0.997	1.019					
12/31/2014	1.542	1.517	1.036	0.986	0.950						
12/31/2015	1.794	1.476	1.066	0.993							
12/31/2016	2.633	1.450	1.091								
12/31/2017	2.001	1.415									
12/31/2018	1.990										
3 Yr Mean	2.208	1.447	1.064	0.996	0.979	1.001	0.985	0.991	0.991	1.002	0.999
Best 3/5	1.928	1.447	1.064	1.000	0.979	0.986	0.985	0.996	0.990	0.996	0.999

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

A.Y.E.	Development From										
	15/ 27	27/ 39	39/ 51	51/ 63	63/ 75	75/ 87	87/ 99	99/111	111/123	123/135	135/147
12/31/2015					0.979	0.986	0.985	0.996	0.990	0.996	0.999
12/31/2016				1.000	0.979	0.986	0.985	0.996	0.990	0.996	0.999
12/31/2017			1.064	1.000	0.979	0.986	0.985	0.996	0.990	0.996	0.999
12/31/2018		1.447	1.064	1.000	0.979	0.986	0.985	0.996	0.990	0.996	0.999
12/31/2019	1.928	1.447	1.064	1.000	0.979	0.986	0.985	0.996	0.990	0.996	0.999

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

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

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

\$100,000 Basic Limit Losses as of:

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

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

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

A.Y.E.	27: 15	39: 27	51: 39	63: 51	75: 63	87: 75	99: 87	111: 99	123:111	135:123	147:135
12/31/2000	1.728	2.818	1.307	0.836	1.537	0.891	0.919	1.056	0.993	0.949	1.013
12/31/2001	2.100	1.297	1.056	0.941	1.087	1.256	1.078	0.965	0.990	0.928	1.000
12/31/2002	2.870	1.732	1.036	1.180	0.991	1.229	1.030	0.898	0.949	0.952	0.971
12/31/2003	2.714	1.574	0.919	0.965	1.085	1.002	1.019	0.985	1.000	1.018	0.998
12/31/2004	2.319	1.657	1.022	1.037	0.926	0.837	1.014	1.039	0.975	0.946	0.999
12/31/2005	1.530	0.951	0.950	1.197	0.859	1.107	1.002	0.965	1.137	0.953	1.036
12/31/2006	1.229	1.249	1.093	0.997	0.877	0.979	1.188	1.100	0.968	0.930	0.970
12/31/2007	2.894	0.968	1.168	1.099	1.109	0.948	0.993	0.978	1.000	1.045	1.189
12/31/2008	2.265	1.066	1.144	0.967	1.243	1.102	1.137	1.011	0.946	0.999	0.995
12/31/2009	2.014	1.125	1.182	0.858	1.064	0.952	0.999	0.946	1.111	0.987	
12/31/2010	1.200	1.772	1.319	0.846	0.953	0.944	1.036	1.072	1.000		
12/31/2011	2.845	1.534	1.390	1.020	0.931	1.000	1.000	1.000			
12/31/2012	2.971	1.233	1.176	0.998	1.028	0.999	1.012				
12/31/2013	1.443	1.039	1.004	1.018	1.039	1.043					
12/31/2014	1.281	1.155	1.107	1.028	0.985						
12/31/2015	1.484	1.256	1.275	0.960							
12/31/2016	2.031	1.317	1.058								
12/31/2017	3.561	1.302									
12/31/2018	2.043										

3 Yr Mean	2.545	1.292	1.147	1.002	1.017	1.014	1.016	1.006	1.019	1.010	1.051
Best 3/5	1.853	1.238	1.114	1.012	0.989	0.984	1.016	0.996	0.989	0.980	1.010

A.Y.E.	159:147	171:159	183:171	195:183	207:195	219:207	231:219	243:231
12/31/2000	0.972	0.977	1.052	0.996	1.000	1.000	1.001	1.000
12/31/2001	1.000	1.036	0.968	1.000	1.021	1.000	1.000	1.001 *
12/31/2002	1.004	0.999	1.000	1.000	1.074	1.000	1.001 *	1.001 *
12/31/2003	0.983	1.000	1.000	1.076	1.000	1.007 *	1.001 *	1.001 *
12/31/2004	1.000	1.000	1.122	1.000	1.000 *	1.007 *	1.001 *	1.001 *
12/31/2005	1.000	1.053	1.000					
12/31/2006	1.075	1.000						
12/31/2007	0.924							

3 Yr Mean	1.000	1.018	1.041	1.025	1.032 @	1.000 @	1.001 @	1.000 @
Best 3/5	0.994	1.000	1.000	1.000	1.007 *	1.002 *	1.001 *	1.001 *

A.Y.E.	15/ 27	27/ 39	39/ 51	51/ 63	63/ 75	75/ 87	87/ 99	99/111	111/123	123/135	135/147
12/31/2015					0.989	0.984	1.016	0.996	0.989	0.980	1.010
12/31/2016				1.012	0.989	0.984	1.016	0.996	0.989	0.980	1.010
12/31/2017			1.114	1.012	0.989	0.984	1.016	0.996	0.989	0.980	1.010
12/31/2018		1.238	1.114	1.012	0.989	0.984	1.016	0.996	0.989	0.980	1.010
12/31/2019	1.853	1.238	1.114	1.012	0.989	0.984	1.016	0.996	0.989	0.980	1.010

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

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

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

Allocated Expenses as of:											
A.Y.E	15 Months	27 Months	39 Months	51 Months	63 Months	75 Months	87 Months	99 Months	111 Months	123 Months	135 Months
12/31/2000	643,844	2,431,452	3,578,961	5,854,174	6,394,044	7,064,768	7,067,499	7,064,159	7,114,848	7,362,976	7,373,492
12/31/2001	558,211	1,856,091	3,689,297	5,810,923	7,200,600	7,909,890	8,510,608	8,496,738	8,559,767	8,569,994	8,542,240
12/31/2002	664,985	2,787,414	4,538,065	7,756,133	8,549,969	9,970,633	10,287,382	10,637,334	10,891,335	10,908,318	10,991,183
12/31/2003	1,043,010	2,221,347	4,668,805	7,438,984	8,290,635	8,904,390	9,533,868	9,529,891	9,401,256	9,440,277	9,492,425
12/31/2004	541,289	1,801,861	4,151,954	6,488,638	8,171,597	9,128,242	10,318,999	10,164,636	10,235,773	10,264,179	10,587,457
12/31/2005	728,569	1,319,198	3,655,956	6,037,866	7,273,289	7,943,782	8,472,072	8,676,203	8,995,840	9,287,042	9,457,581
12/31/2006	743,466	3,193,168	5,897,006	7,596,244	9,018,645	10,174,820	10,735,728	11,061,898	11,336,147	11,351,122	11,330,437
12/31/2007	799,462	2,375,331	5,141,892	8,716,390	9,718,518	10,325,847	10,590,425	10,874,455	11,055,835	11,168,546	11,197,300
12/31/2008	815,732	2,139,077	4,509,355	6,682,726	8,683,219	9,845,665	10,550,990	11,056,131	11,754,341	15,012,188	14,804,798
12/31/2009	541,159	1,879,623	4,050,348	6,338,868	8,614,865	9,187,449	9,470,536	9,692,278	9,704,391	9,821,435	9,861,032
12/31/2010	826,831	2,779,802	5,287,250	8,031,142	10,606,394	11,712,257	12,568,267	12,604,517	12,991,200	13,061,123	
12/31/2011	778,980	2,081,452	4,381,129	7,615,724	9,911,678	10,731,903	11,176,153	11,258,464	11,417,519		
12/31/2012	390,490	1,620,373	5,442,819	8,050,079	9,704,090	11,475,152	12,126,816	11,530,076			
12/31/2013	508,732	2,077,655	4,775,359	8,156,124	10,055,383	11,352,873	11,734,808				
12/31/2014	543,643	2,178,262	5,285,493	7,069,279	8,248,455	9,161,634					
12/31/2015	446,937	1,725,785	4,633,495	6,391,667	8,343,686						
12/31/2016	405,440	1,820,825	3,795,001	7,484,555							
12/31/2017	658,897	2,130,600	4,756,450								
12/31/2018	497,876	2,138,309									
12/31/2019	362,112										

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

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

Best 3/5      1.005      1.001      1.001 \*      1.001 \*      1.001 \*      1.001 \*      1.004 \*

171 to Ultimate Factor: 1.014

\* Calculated Using Modified Bondy Method

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

Increments													
A.Y.E	27: 15	39: 27	51: 39	63: 51	75: 63	87: 75	99: 87	111: 99	123: 111	135: 123	147: 135	159:147	171:159
12/31/2000	1,787,608	1,147,509	2,275,213	539,870	670,724	2,731	-3,340	50,689	248,128	10,516	112,540	-3,518	-10,686
12/31/2001	1,297,880	1,833,206	2,121,626	1,389,677	709,290	600,718	-13,870	63,029	10,227	-27,754	32,464	-11,276	12,360
12/31/2002	2,122,429	1,750,651	3,218,068	793,836	1,420,664	316,749	349,952	254,001	16,983	82,865	66,271	184,518	86,118
12/31/2003	1,178,337	2,447,458	2,770,179	851,651	613,755	629,478	-3,977	-128,635	39,021	52,148	111,286	37,634	77,301
12/31/2004	1,260,572	2,350,093	2,336,684	1,682,959	956,645	1,190,757	-154,363	71,137	28,406	323,278	183,412	126,112	50,330
12/31/2005	590,629	2,336,758	2,381,910	1,235,423	670,493	528,290	204,131	319,637	291,202	170,539	140,310	227,480	60,258
12/31/2006	2,449,702	2,703,838	1,699,238	1,422,401	1,156,175	560,908	326,170	274,249	14,975	-20,685	96,811	-1,919	9,448
12/31/2007	1,575,869	2,766,561	3,574,498	1,002,128	607,329	264,578	284,030	181,380	112,711	28,754	-2,480	56,624	
12/31/2008	1,323,345	2,370,278	2,173,371	2,000,493	1,162,446	705,325	505,141	698,210	3,257,847	-207,390	220,999		
12/31/2009	1,338,464	2,170,725	2,288,520	2,275,997	572,584	283,087	221,742	12,113	117,044	39,597			
12/31/2010	1,952,971	2,507,448	2,743,892	2,575,252	1,105,863	856,010	36,250	386,683	69,923				
12/31/2011	1,302,472	2,299,677	3,234,595	2,295,954	820,225	444,250	82,311	159,055					
12/31/2012	1,229,883	3,822,446	2,607,260	1,654,011	1,771,062	651,664	-596,740						
12/31/2013	1,568,923	2,697,704	3,380,765	1,899,259	1,297,490	381,935							
12/31/2014	1,634,619	3,107,231	1,783,786	1,179,176	913,179								
12/31/2015	1,278,848	2,907,710	1,758,172	1,952,019									
12/31/2016	1,415,385	1,974,176	3,689,554										
12/31/2017	1,471,703	2,625,850											
12/31/2018	1,640,433												

Incremental Percentages													
A.Y.E	27: 15	39: 27	51: 39	63: 51	75: 63	87: 75	99: 87	111: 99	123: 111	135: 123	147: 135	159:147	171:159
12/31/2000	0.0940	0.0603	0.1196	0.0284	0.0353	0.0001	-0.0002	0.0027	0.0130	0.0006	0.0059	-0.0002	-0.0006
12/31/2001	0.0754	0.1064	0.1232	0.0807	0.0412	0.0349	-0.0008	0.0037	0.0006	-0.0016	0.0019	-0.0007	0.0007
12/31/2002	0.0969	0.0800	0.1470	0.0363	0.0649	0.0145	0.0160	0.0116	0.0008	0.0038	0.0030	0.0084	0.0039
12/31/2003	0.0692	0.1436	0.1626	0.0500	0.0360	0.0369	-0.0002	-0.0075	0.0023	0.0031	0.0065	0.0022	0.0045
12/31/2004	0.0719	0.1341	0.1333	0.0960	0.0546	0.0679	-0.0088	0.0041	0.0016	0.0184	0.0105	0.0072	0.0029
12/31/2005	0.0267	0.1056	0.1076	0.0558	0.0303	0.0239	0.0092	0.0144	0.0132	0.0077	0.0063	0.0103	0.0027
12/31/2006	0.0956	0.1055	0.0663	0.0555	0.0451	0.0219	0.0127	0.0107	0.0006	-0.0008	0.0038	-0.0001	0.0004
12/31/2007	0.0765	0.1343	0.1735	0.0486	0.0295	0.0128	0.0138	0.0088	0.0055	0.0014	-0.0001	0.0027	
12/31/2008	0.0598	0.1071	0.0982	0.0904	0.0525	0.0319	0.0228	0.0315	0.1472	-0.0094	0.0100		
12/31/2009	0.0622	0.1008	0.1063	0.1057	0.0266	0.0131	0.0103	0.0006	0.0054	0.0018			
12/31/2010	0.0845	0.1084	0.1187	0.1114	0.0478	0.0370	0.0016	0.0167	0.0030				
12/31/2011	0.0633	0.1117	0.1571	0.1115	0.0398	0.0216	0.0040	0.0077					
12/31/2012	0.0497	0.1546	0.1054	0.0669	0.0716	0.0264	-0.0241						
12/31/2013	0.0643	0.1105	0.1385	0.0778	0.0531	0.0156							
12/31/2014	0.0779	0.1481	0.0850	0.0562	0.0435								
12/31/2015	0.0633	0.1440	0.0871	0.0967									
12/31/2016	0.0604	0.0842	0.1574										
12/31/2017	0.0680	0.1213											
12/31/2018	0.0664												

Best 3/5	0.0659	0.1252	0.1103	0.0804	0.0482	0.0212	0.0053	0.0111	0.0046	0.0008	0.0067	0.0041	0.0032
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COMPLETED OPERATIONS (Subline Code 336)  
FULL COVERAGE  
MULTISTATE  
PROPERTY DAMAGE - OCCURRENCE  
INCURRED ACCIDENT YEAR BASIC LIMITS LOSS DEVELOPMENT EXCLUDING ALAE

\$100,000 Basic Limit Losses as of:											
A.Y.E.	15 Months	27 Months	39 Months	51 Months	63 Months	75 Months	87 Months	99 Months	111 Months	123 Months	135 Months
12/31/2000	19,808,090	27,513,766	32,883,313	37,299,108	39,684,063	42,593,053	46,285,456	48,009,019	48,866,943	50,071,906	50,411,856
12/31/2001	21,909,043	29,846,817	35,674,447	39,122,304	42,350,495	43,668,645	44,640,677	46,870,818	48,222,285	48,773,581	48,723,579
12/31/2002	23,033,940	31,255,274	35,353,537	39,985,091	40,711,979	41,424,616	43,446,380	45,229,285	46,156,309	45,704,901	46,107,721
12/31/2003	25,487,822	30,662,205	34,739,291	35,202,326	37,681,916	38,642,405	39,153,559	40,204,403	41,417,933	41,608,388	42,045,451
12/31/2004	25,873,260	32,080,437	35,648,557	39,699,683	41,830,897	43,935,450	45,715,124	46,834,875	48,622,259	49,317,247	50,655,331
12/31/2005	23,266,575	28,632,713	32,897,088	37,194,255	39,587,655	42,114,786	44,790,066	46,138,460	47,734,613	47,935,832	48,888,175
12/31/2006	31,453,497	39,047,918	45,310,399	50,640,143	56,298,873	58,115,633	59,829,612	59,380,783	60,714,175	61,538,916	63,447,916
12/31/2007	35,488,486	43,496,756	51,811,667	54,642,563	57,281,096	59,379,407	60,415,648	62,482,631	64,206,571	66,232,367	68,877,782
12/31/2008	44,863,061	53,068,002	59,008,138	61,463,405	62,715,392	64,230,546	66,401,391	67,621,066	75,834,116	83,848,997	78,468,586
12/31/2009	48,977,514	57,599,573	63,950,614	65,234,551	67,009,019	67,782,276	68,930,461	72,177,338	77,321,257	77,654,957	78,355,281
12/31/2010	48,630,304	57,567,513	61,068,606	62,932,082	65,131,026	66,601,748	67,990,291	70,124,529	71,440,989	71,690,491	
12/31/2011	48,261,319	53,966,786	55,977,283	56,695,640	57,931,453	60,472,405	62,680,333	64,005,746	65,477,144		
12/31/2012	40,520,596	46,020,895	47,620,728	50,150,600	52,916,362	55,527,928	57,297,093	57,972,330			
12/31/2013	36,268,550	40,494,989	44,685,308	46,651,040	49,440,107	51,050,877	53,214,410				
12/31/2014	35,474,045	41,168,133	44,272,152	46,654,048	47,709,693	49,744,488					
12/31/2015	34,195,202	40,588,663	46,069,719	49,487,561	51,721,971						
12/31/2016	33,344,652	43,686,632	48,620,722	53,012,575							
12/31/2017	36,447,545	44,163,456	51,402,168								
12/31/2018	40,360,527	52,395,300									
12/31/2019	43,262,712										

  

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

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

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

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

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

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

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



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

\$100,000 Basic Limit Losses as of:

A.Y.E.	15 Months	27 Months	39 Months	51 Months	63 Months	75 Months	87 Months	99 Months	111 Months	123 Months	135 Months
12/31/2000	3,110,566	4,932,427	6,831,157	9,015,250	11,306,631	14,086,885	16,171,641	17,956,827	18,777,973	21,050,584	22,803,202
12/31/2001	3,489,097	5,526,504	7,581,604	10,294,575	13,581,290	16,815,565	21,563,607	22,972,910	25,465,689	25,537,377	27,074,587
12/31/2002	3,869,547	5,266,889	7,634,451	9,448,387	11,115,022	13,703,839	15,356,116	17,226,965	19,460,727	19,390,207	19,372,934
12/31/2003	4,151,510	6,018,111	7,594,180	8,333,617	9,667,188	10,268,702	11,268,578	11,961,965	12,636,940	13,486,959	13,405,243
12/31/2004	5,713,030	7,273,617	9,072,099	9,610,483	10,285,041	11,289,209	11,825,510	13,002,517	13,363,273	13,776,819	13,846,045
12/31/2005	6,296,515	8,701,064	9,375,398	9,986,408	11,286,387	11,720,149	12,109,484	12,779,633	13,388,177	13,202,366	13,523,890
12/31/2006	7,507,229	8,962,205	10,025,912	10,565,337	10,646,130	11,477,526	12,178,651	12,647,071	12,909,501	13,700,371	14,350,399
12/31/2007	9,298,561	11,418,052	11,859,475	12,270,316	12,694,397	13,189,571	14,291,579	14,986,763	15,640,150	16,888,743	16,946,572
12/31/2008	8,708,416	11,425,136	13,610,880	13,751,059	14,609,021	15,447,772	16,418,618	16,909,427	17,698,751	17,838,043	18,373,791
12/31/2009	7,936,132	10,248,930	11,588,943	12,368,204	13,351,311	14,588,864	15,599,355	16,034,889	16,601,788	17,153,056	17,504,711
12/31/2010	8,904,290	10,536,324	10,739,898	11,605,270	12,335,135	12,551,916	12,967,656	13,890,332	14,147,671	14,335,409	
12/31/2011	8,404,568	10,335,323	11,326,642	11,434,548	12,190,531	12,880,043	13,361,935	13,803,680	13,715,936		
12/31/2012	7,691,078	9,085,628	9,766,402	10,190,379	11,585,794	12,221,772	12,485,104	13,465,344			
12/31/2013	10,290,474	12,132,459	12,805,200	13,636,881	14,217,651	14,894,818	15,589,721				
12/31/2014	10,475,019	12,362,690	14,118,741	15,606,041	16,371,177	17,310,083					
12/31/2015	12,365,417	15,339,247	16,177,333	16,808,450	18,126,155						
12/31/2016	13,146,303	15,120,444	17,669,230	18,933,815							
12/31/2017	11,689,536	14,174,033	17,172,970								
12/31/2018	12,577,707	15,632,745									
12/31/2019	10,402,615										

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

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

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

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

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

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

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

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

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

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

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

Best 3/5	1.016	1.009	1.006	*	1.002	*	1.001	*	1.000	*
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171 to Ultimate Factor: 1.034

\* Calculated Using Modified Bondy Method

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

Increments													
A.Y.E	27: 15	39: 27	51: 39	63: 51	75: 63	87: 75	99: 87	111: 99	123: 111	135: 123	147: 135	159:147	171:159
12/31/2000	2,298,613	3,818,410	4,806,468	3,792,850	4,576,887	5,988,539	3,990,197	1,762,093	2,616,080	1,895,379	2,085,961	100,370	-99,562
12/31/2001	3,317,436	5,911,580	5,632,628	5,221,467	5,587,419	6,097,762	4,050,081	3,230,639	2,009,163	1,069,529	795,785	295,271	238,142
12/31/2002	4,043,851	6,096,467	5,135,659	4,104,105	3,003,361	2,562,484	2,304,817	3,207,836	1,676,572	746,966	1,284,757	1,418,780	532,717
12/31/2003	3,148,648	5,702,744	4,285,408	4,305,724	3,919,326	2,085,199	2,505,736	2,008,817	1,921,997	1,560,340	1,692,787	580,464	923,840
12/31/2004	3,318,757	5,911,851	6,159,228	4,182,331	4,216,272	3,201,535	3,971,991	4,496,743	3,307,343	3,588,843	3,766,114	2,307,770	891,157
12/31/2005	4,326,607	5,323,412	5,549,540	4,964,837	5,664,787	3,366,124	4,182,559	4,506,736	3,647,324	1,837,901	1,029,821	1,223,368	384,610
12/31/2006	4,828,313	7,279,265	7,165,327	6,849,384	6,016,736	6,135,384	3,594,862	6,479,497	2,860,278	2,943,582	1,418,548	1,313,984	217,797
12/31/2007	4,605,473	8,045,073	6,377,368	6,019,722	6,237,721	4,549,759	4,917,315	4,144,857	3,711,522	2,928,601	1,458,307	940,779	
12/31/2008	7,291,234	8,307,790	10,227,294	8,828,377	5,828,400	3,689,107	3,041,407	3,861,890	1,790,802	1,970,323	1,738,552		
12/31/2009	8,051,238	11,417,507	11,705,561	8,767,000	6,000,974	4,411,147	5,246,236	2,330,533	2,907,952	2,535,421			
12/31/2010	8,109,973	10,817,720	11,131,724	6,710,671	5,199,466	3,824,732	2,010,464	2,730,842	667,222				
12/31/2011	6,879,073	7,307,682	6,343,582	4,772,720	5,112,176	4,451,439	2,213,345	1,727,303					
12/31/2012	6,120,031	7,101,903	7,489,604	8,160,700	4,085,098	1,838,962	2,307,827						
12/31/2013	6,912,522	6,063,883	8,444,184	5,849,316	2,712,331	1,846,124							
12/31/2014	6,049,946	6,810,165	6,166,275	4,299,363	4,013,212								
12/31/2015	5,680,746	6,703,596	6,275,949	5,335,831									
12/31/2016	7,112,175	8,577,337	9,018,691										
12/31/2017	5,637,419	8,769,199											
12/31/2018	8,185,578												

Incremental Percentages													
A.Y.E	27: 15	39: 27	51: 39	63: 51	75: 63	87: 75	99: 87	111: 99	123: 111	135: 123	147: 135	159:147	171:159
12/31/2000	0.0318	0.0528	0.0665	0.0524	0.0633	0.0828	0.0552	0.0244	0.0362	0.0262	0.0288	0.0014	-0.0014
12/31/2001	0.0467	0.0831	0.0792	0.0734	0.0786	0.0858	0.0570	0.0454	0.0283	0.0150	0.0112	0.0042	0.0033
12/31/2002	0.0586	0.0884	0.0745	0.0595	0.0435	0.0372	0.0334	0.0465	0.0243	0.0108	0.0186	0.0206	0.0077
12/31/2003	0.0510	0.0924	0.0695	0.0698	0.0635	0.0338	0.0406	0.0326	0.0312	0.0253	0.0274	0.0094	0.0150
12/31/2004	0.0424	0.0755	0.0787	0.0534	0.0539	0.0409	0.0508	0.0575	0.0423	0.0459	0.0481	0.0295	0.0114
12/31/2005	0.0604	0.0744	0.0775	0.0694	0.0791	0.0470	0.0584	0.0630	0.0510	0.0257	0.0144	0.0171	0.0054
12/31/2006	0.0502	0.0757	0.0745	0.0712	0.0626	0.0638	0.0374	0.0674	0.0298	0.0306	0.0148	0.0137	0.0023
12/31/2007	0.0462	0.0807	0.0640	0.0604	0.0626	0.0457	0.0493	0.0416	0.0372	0.0294	0.0146	0.0094	
12/31/2008	0.0655	0.0747	0.0919	0.0793	0.0524	0.0332	0.0273	0.0347	0.0161	0.0177	0.0156		
12/31/2009	0.0686	0.0973	0.0998	0.0747	0.0512	0.0376	0.0447	0.0199	0.0248	0.0216			
12/31/2010	0.0756	0.1008	0.1037	0.0625	0.0485	0.0356	0.0187	0.0254	0.0062				
12/31/2011	0.0700	0.0744	0.0645	0.0486	0.0520	0.0453	0.0225	0.0176					
12/31/2012	0.0677	0.0785	0.0828	0.0903	0.0452	0.0203	0.0255						
12/31/2013	0.0794	0.0696	0.0970	0.0672	0.0311	0.0212							
12/31/2014	0.0714	0.0803	0.0727	0.0507	0.0473								
12/31/2015	0.0592	0.0698	0.0654	0.0556									
12/31/2016	0.0741	0.0894	0.0940										
12/31/2017	0.0572	0.0890											
12/31/2018	0.0683												

Best 3/5	0.0663	0.0797	0.0832	0.0578	0.0470	0.0315	0.0251	0.0267	0.0235	0.0256	0.0150	0.0134	0.0082
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LOCAL PRODUCTS (Subline Code 336)  
FULL COVERAGE  
MULTISTATE  
BODILY INJURY - OCCURRENCE  
INCURRED ACCIDENT YEAR BASIC LIMITS LOSS DEVELOPMENT EXCLUDING ALAE

\$100,000 Basic Limit Losses as of:

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

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

LOCAL PRODUCTS (Subline Code 336)

FULL COVERAGE

MULTISTATE

BODILY INJURY - OCCURRENCE

INCURRED ACCIDENT YEAR BASIC LIMITS LOSS DEVELOPMENT EXCLUDING ALAE

A.Y.E.	Link Ratios										
	27: 15	39: 27	51: 39	63: 51	75: 63	87: 75	99: 87	111: 99	123:111	135:123	147:135
12/31/2000	1.282	1.110	1.145	0.914	0.996	0.996	1.006	0.991	1.002	0.998	1.011
12/31/2001	1.254	1.151	1.041	0.988	1.032	1.005	0.988	1.005	0.997	1.005	1.001
12/31/2002	1.181	1.189	1.131	0.995	0.991	0.981	0.998	1.000	1.000	1.010	0.997
12/31/2003	1.398	1.375	1.066	1.051	0.991	0.979	0.989	1.001	1.009	0.988	0.999
12/31/2004	1.227	1.187	1.081	0.975	0.970	1.008	0.982	1.005	1.002	0.997	1.000
12/31/2005	1.068	1.241	1.018	0.987	0.993	0.999	1.005	0.987	0.997	1.000	1.001
12/31/2006	1.226	1.229	1.003	0.974	0.972	0.976	1.001	1.008	1.000	1.000	1.000
12/31/2007	1.154	1.235	0.990	1.029	0.985	0.980	0.970	0.985	1.002	1.000	1.000
12/31/2008	1.226	1.142	0.973	0.966	1.017	1.003	0.984	1.000	1.007	1.000	1.000
12/31/2009	1.124	1.218	1.014	0.989	0.999	0.992	1.003	1.000	1.000	0.999	
12/31/2010	1.208	1.199	1.012	1.028	0.985	0.996	1.000	1.000	0.999		
12/31/2011	1.154	1.114	1.058	0.982	0.984	0.993	0.986	1.004			
12/31/2012	1.271	1.193	1.034	1.006	0.993	0.993	0.993				
12/31/2013	1.193	1.127	0.999	0.984	1.001	1.013					
12/31/2014	1.208	1.061	1.026	1.000	1.016						
12/31/2015	1.062	1.115	1.077	0.984							
12/31/2016	1.328	1.300	0.986								
12/31/2017	1.365	1.144									
12/31/2018	1.344										
3 Yr Mean	1.346	1.186	1.030	0.989	1.003	1.000	0.993	1.001	1.002	1.000	1.000
Best 3/5	1.293	1.129	1.020	0.989	0.993	0.994	0.993	1.000	1.001	1.000	1.000

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

A.Y.E.	Development From										
	15/ 27	27/ 39	39/ 51	51/ 63	63/ 75	75/ 87	87/ 99	99/111	111/123	123/135	135/147
12/31/2015					0.993	0.994	0.993	1.000	1.001	1.000	1.000
12/31/2016				0.989	0.993	0.994	0.993	1.000	1.001	1.000	1.000
12/31/2017			1.020	0.989	0.993	0.994	0.993	1.000	1.001	1.000	1.000
12/31/2018		1.129	1.020	0.989	0.993	0.994	0.993	1.000	1.001	1.000	1.000
12/31/2019	1.293	1.129	1.020	0.989	0.993	0.994	0.993	1.000	1.001	1.000	1.000

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

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

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

\$100,000 Basic Limit Losses as of:

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

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

## LOCAL PRODUCTS (Subline Code 336)

DEDUCTIBLE

MULTISTATE

BODILY INJURY - OCCURRENCE

INCURRED ACCIDENT YEAR BASIC LIMITS LOSS DEVELOPMENT EXCLUDING ALAE

Link Ratios

A.Y.E.	27: 15	39: 27	51: 39	63: 51	75: 63	87: 75	99: 87	111: 99	123:111	135:123	147:135
12/31/2000	1.697	1.049	0.859	1.053	0.984	0.992	1.002	1.000	0.998	1.072	0.967
12/31/2001	1.268	1.202	1.173	0.932	1.000	0.978	1.000	1.000	1.030	1.000	1.000
12/31/2002	1.063	0.891	1.289	0.980	0.918	1.000	1.000	1.000	1.000	1.000	1.000
12/31/2003	2.095	0.859	1.258	0.691	0.644	0.987	0.786	1.000	1.000	1.000	1.000
12/31/2004	0.942	1.617	1.167	0.681	1.002	0.974	1.000	1.000	1.000	1.000	1.000
12/31/2005	1.183	1.459	0.906	0.896	1.092	1.000	1.000	1.000	1.001	1.000	1.000
12/31/2006	2.067	0.976	0.854	1.031	0.999	1.000	1.000	1.000	1.000	1.000	1.000
12/31/2007	1.313	1.602	1.056	0.937	0.987	1.000	1.042	1.000	1.000	0.992	1.000
12/31/2008	0.803	1.271	0.796	0.822	1.048	0.999	1.000	1.000	1.000	1.000	1.000
12/31/2009	1.037	1.048	0.798	1.784	1.002	1.000	1.000	1.000	1.000	1.000	1.000
12/31/2010	0.773	0.890	0.958	1.021	1.000	1.000	0.979	1.000	1.000		
12/31/2011	1.495	1.369	0.988	1.009	0.981	1.102	1.000	1.000			
12/31/2012	1.333	0.864	1.064	1.213	1.008	1.000	1.000				
12/31/2013	1.683	1.049	1.232	1.019	0.999	1.000					
12/31/2014	1.018	0.952	1.306	0.957	0.986						
12/31/2015	1.403	1.103	1.137	1.013							
12/31/2016	1.446	1.335	0.980								
12/31/2017	2.508	0.916									
12/31/2018	1.308										

3 Yr Mean	1.754	1.118	1.141	0.996	0.998	1.034	0.993	1.000	1.000	0.997	1.000
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Best 3/5	1.386	1.035	1.144	1.014	0.995	1.000	1.000	1.000	1.000	1.000	1.000
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A.Y.E.	159:147	171:159	183:171	195:183	207:195	219:207	231:219	243:231
12/31/2000	1.001	1.132	0.981	1.011	0.998	0.993	0.965	1.000
12/31/2001	0.994	1.090	1.000	0.950	0.991	1.176	1.086	0.999 *
12/31/2002	1.000	1.000	0.983	1.000	1.000	1.000	0.999 *	0.999 *
12/31/2003	1.000	1.000	1.000	1.072	1.000	0.999 *	0.999 *	0.999 *
12/31/2004	1.000	1.000	1.000	1.000	1.004 *	0.999 *	0.999 *	0.999 *
12/31/2005	1.000	1.000	1.000					
12/31/2006	1.000	1.000						
12/31/2007	1.000							

3 Yr Mean	1.000	1.000	1.000	1.024	0.997 @	1.056 @	1.026 @	1.000 @
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Best 3/5	1.000	1.000	1.000	1.004	0.999 *	0.999 *	0.999 *	0.999 *
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Development From

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

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

\* Calculated Using Modified Bondy Method

@ Three year mean Excludes Modified Bondy ratios



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

Allocated Expenses as of:

<u>A.Y.E</u>	<u>15 Months</u>	<u>27 Months</u>	<u>39 Months</u>	<u>51 Months</u>	<u>63 Months</u>	<u>75 Months</u>	<u>87 Months</u>	<u>99 Months</u>	<u>111 Months</u>	<u>123 Months</u>	<u>135 Months</u>
12/31/2000	1,131,849	1,400,201	2,240,526	3,231,862	3,863,672	4,206,592	4,344,330	4,289,178	4,329,825	4,348,017	4,373,688
12/31/2001	942,209	2,072,218	3,377,804	4,189,273	5,283,324	5,781,399	6,685,071	6,936,612	7,190,058	7,026,753	7,182,918
12/31/2002	1,608,961	2,432,521	3,826,509	4,547,256	5,574,678	5,886,447	5,988,246	6,127,049	6,189,230	6,192,745	6,290,891
12/31/2003	762,796	1,485,120	2,395,478	3,176,526	3,894,564	4,266,721	4,444,875	4,422,992	4,432,240	4,467,487	4,541,454
12/31/2004	675,101	1,384,608	2,393,263	3,058,319	3,592,868	3,799,839	3,942,544	4,084,637	4,082,579	4,081,794	4,082,539
12/31/2005	531,171	1,207,709	2,207,865	2,754,662	3,907,775	3,209,845	3,325,677	3,335,600	3,331,829	3,312,642	3,312,672
12/31/2006	688,622	1,624,474	2,788,646	4,041,666	4,805,739	5,148,267	5,256,508	5,213,624	5,246,934	5,242,255	5,242,255
12/31/2007	687,392	1,431,301	2,654,801	3,204,983	3,946,498	4,202,656	4,425,833	4,264,886	4,303,146	4,299,025	4,301,161
12/31/2008	539,707	1,264,615	2,784,426	3,416,738	3,605,399	3,718,771	3,791,843	3,824,797	3,839,071	3,843,111	3,843,111
12/31/2009	588,473	1,479,393	3,271,524	3,300,016	3,922,061	3,904,084	3,920,311	3,933,927	3,932,082	3,942,412	3,942,273
12/31/2010	916,636	1,867,954	3,291,235	4,656,602	5,803,233	5,914,912	5,849,439	5,856,848	5,881,357	5,890,090	
12/31/2011	713,045	1,329,507	2,597,391	3,791,622	4,405,785	4,750,481	4,901,344	4,913,420	4,943,471		
12/31/2012	566,672	1,513,920	3,412,598	4,352,187	4,872,256	5,310,106	5,433,542	5,478,119			
12/31/2013	938,076	2,038,501	3,313,819	4,364,451	4,996,963	5,421,240	5,643,573				
12/31/2014	745,739	1,428,827	2,250,456	2,706,437	2,944,564	3,077,168					
12/31/2015	509,012	1,013,310	1,752,123	2,508,921	2,774,959						
12/31/2016	461,711	1,149,082	2,131,459	2,562,723							
12/31/2017	529,548	1,498,409	2,557,150								
12/31/2018	642,024	967,793									
12/31/2019	500,959										

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

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

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

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

Best 3/5	0.0571	0.0819	0.0635	0.0367	0.0246	0.0074	0.0015	0.0016	0.0002	0.0000	0.0000	0.0008	0.0001
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LOCAL PRODUCTS (Subline Code 336)  
 FULL COVERAGE  
 MULTISTATE  
 BODILY INJURY - OCCURRENCE  
 INCURRED ACCIDENT YEAR ALAE DEVELOPMENT

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

171 to Ultimate Factor: 1.047

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

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

\* Calculated Using Modified Bondy Method

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

\$100,000 Basic Limit Losses as of:											
A.Y.E.	15 Months	27 Months	39 Months	51 Months	63 Months	75 Months	87 Months	99 Months	111 Months	123 Months	135 Months
12/31/2000	1,979,021	2,123,855	2,322,833	2,383,466	2,572,429	2,821,102	2,678,515	2,698,991	2,861,667	2,940,850	2,948,766
12/31/2001	1,690,800	1,710,622	1,883,656	1,836,606	1,823,685	1,875,719	2,042,494	2,215,070	2,222,796	2,275,452	2,283,598
12/31/2002	1,545,331	1,723,512	1,881,726	1,891,368	1,831,432	1,858,706	1,917,454	1,932,893	1,983,512	1,993,634	2,058,019
12/31/2003	1,302,387	1,900,765	2,164,538	2,174,006	2,458,659	2,459,501	2,496,685	2,510,751	2,515,897	2,556,537	2,567,340
12/31/2004	2,177,590	2,421,117	2,474,092	2,423,379	2,488,686	2,475,264	2,423,782	2,452,374	2,473,223	2,481,706	2,476,673
12/31/2005	2,847,520	3,092,426	3,300,985	3,391,854	3,447,498	3,329,310	3,342,666	3,389,154	3,398,524	3,392,234	3,392,512
12/31/2006	2,980,032	3,461,870	3,553,852	3,582,681	3,602,431	3,751,135	3,759,890	3,940,598	3,988,027	4,044,823	4,057,897
12/31/2007	2,813,559	2,673,331	2,702,793	3,032,508	3,308,427	3,277,730	3,460,175	3,437,776	3,430,036	3,403,247	3,411,959
12/31/2008	3,535,871	3,789,446	3,933,771	4,140,245	4,242,434	4,489,983	4,745,939	5,100,677	5,342,819	5,397,764	5,364,809
12/31/2009	3,522,652	3,732,008	3,749,930	3,778,743	3,762,216	3,988,693	3,998,527	4,143,899	4,209,149	4,238,790	4,272,576
12/31/2010	4,462,580	4,629,741	4,894,520	4,871,295	4,474,935	4,712,497	4,713,698	4,648,658	4,667,677	4,698,535	
12/31/2011	4,166,621	4,394,898	4,708,627	4,648,869	4,756,256	4,911,173	4,868,274	4,944,991	4,954,409		
12/31/2012	3,868,631	3,908,423	3,783,764	3,703,091	3,860,455	3,877,687	3,929,302	3,999,632			
12/31/2013	3,494,925	3,510,765	4,060,124	3,926,765	3,952,753	4,032,393	4,049,481				
12/31/2014	3,304,373	3,614,937	3,535,120	3,733,461	3,702,850	3,766,844					
12/31/2015	4,489,757	4,677,943	5,397,218	5,412,900	5,364,801						
12/31/2016	4,321,088	4,390,223	4,762,762	4,919,363							
12/31/2017	4,192,201	4,304,532	4,527,340								
12/31/2018	4,843,943	4,635,133									
12/31/2019	4,933,819										

  

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

LOCAL PRODUCTS (Subline Code 336)

FULL COVERAGE

MULTISTATE

PROPERTY DAMAGE - OCCURRENCE

INCURRED ACCIDENT YEAR BASIC LIMITS LOSS DEVELOPMENT EXCLUDING ALAE

Link Ratios

A.Y.E.	27: 15	39: 27	51: 39	63: 51	75: 63	87: 75	99: 87	111: 99	123:111	135:123	147:135
12/31/2000	1.073	1.094	1.026	1.079	1.097	0.949	1.008	1.060	1.028	1.003	1.002
12/31/2001	1.012	1.101	0.975	0.993	1.029	1.089	1.084	1.003	1.024	1.004	0.994
12/31/2002	1.115	1.092	1.005	0.968	1.015	1.032	1.008	1.026	1.005	1.032	0.991
12/31/2003	1.459	1.139	1.004	1.131	1.000	1.015	1.006	1.002	1.016	1.004	1.016
12/31/2004	1.112	1.022	0.980	1.027	0.995	0.979	1.012	1.009	1.003	0.998	0.990
12/31/2005	1.086	1.067	1.028	1.016	0.966	1.004	1.014	1.003	0.998	1.000	0.998
12/31/2006	1.162	1.027	1.008	1.006	1.041	1.002	1.048	1.012	1.014	1.003	1.013
12/31/2007	0.950	1.011	1.122	1.091	0.991	1.056	0.994	0.998	0.992	1.003	1.001
12/31/2008	1.072	1.038	1.052	1.025	1.058	1.057	1.075	1.047	1.010	0.994	1.009
12/31/2009	1.059	1.005	1.008	0.996	1.060	1.002	1.036	1.016	1.007	1.008	
12/31/2010	1.037	1.057	0.995	0.919	1.053	1.000	0.986	1.004	1.007		
12/31/2011	1.055	1.071	0.987	1.023	1.033	0.991	1.016	1.002			
12/31/2012	1.010	0.968	0.979	1.042	1.004	1.013	1.018				
12/31/2013	1.005	1.156	0.967	1.007	1.020	1.004					
12/31/2014	1.094	0.978	1.056	0.992	1.017						
12/31/2015	1.042	1.154	1.003	0.991							
12/31/2016	1.016	1.085	1.033								
12/31/2017	1.027	1.052									
12/31/2018	0.957										
3 Yr Mean	1.000	1.097	1.031	0.997	1.014	1.003	1.007	1.007	1.008	1.002	1.008
Best 3/5	1.028	1.097	1.005	1.007	1.023	1.002	1.023	1.007	1.008	1.002	1.003

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

A.Y.E.	15/ 27	27/ 39	39/ 51	51/ 63	63/ 75	75/ 87	87/ 99	99/111	111/123	123/135	135/147
12/31/2015					1.023	1.002	1.023	1.007	1.008	1.002	1.003
12/31/2016				1.007	1.023	1.002	1.023	1.007	1.008	1.002	1.003
12/31/2017			1.005	1.007	1.023	1.002	1.023	1.007	1.008	1.002	1.003
12/31/2018		1.097	1.005	1.007	1.023	1.002	1.023	1.007	1.008	1.002	1.003
12/31/2019	1.028	1.097	1.005	1.007	1.023	1.002	1.023	1.007	1.008	1.002	1.003

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

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

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

\$100,000 Basic Limit Losses as of:

<u>A.Y.E.</u>	<u>15 Months</u>	<u>27 Months</u>	<u>39 Months</u>	<u>51 Months</u>	<u>63 Months</u>	<u>75 Months</u>	<u>87 Months</u>	<u>99 Months</u>	<u>111 Months</u>	<u>123 Months</u>	<u>135 Months</u>
12/31/2000	150,416	248,134	188,848	196,780	189,280	253,280	237,878	257,878	215,285	215,285	215,285
12/31/2001	208,337	185,152	211,162	225,824	225,824	216,726	265,726	270,726	265,727	267,726	365,726
12/31/2002	119,421	133,880	171,299	184,812	251,892	369,610	483,705	465,706	502,946	539,631	567,026
12/31/2003	286,617	257,949	283,776	398,386	518,958	600,492	644,606	716,722	797,706	987,310	1,083,780
12/31/2004	267,359	144,698	230,232	354,867	441,630	632,353	616,235	904,464	1,008,422	1,087,637	1,296,374
12/31/2005	171,817	242,035	293,014	372,892	413,788	517,693	577,501	578,079	622,969	1,071,187	1,185,448
12/31/2006	278,671	268,222	382,330	527,781	647,562	746,113	720,042	744,136	932,230	1,066,447	970,261
12/31/2007	336,059	547,823	574,771	515,905	485,339	476,360	480,227	577,227	574,377	571,155	571,155
12/31/2008	294,367	208,042	336,788	335,305	346,805	344,805	444,805	444,805	438,306	458,306	528,306
12/31/2009	177,301	176,935	144,535	143,435	143,535	250,348	250,248	350,248	350,248	350,248	350,248
12/31/2010	263,109	264,778	262,233	266,329	360,329	360,329	360,329	360,329	360,329	360,329	
12/31/2011	279,719	308,640	282,139	296,139	274,228	284,228	276,228	276,228	286,228		
12/31/2012	221,924	228,813	235,978	243,875	230,235	255,235	260,249	263,284			
12/31/2013	362,731	391,760	385,395	549,395	552,495	602,495	607,496				
12/31/2014	279,766	411,762	396,630	500,830	475,830	516,830					
12/31/2015	637,381	580,572	568,948	590,847	591,559						
12/31/2016	880,019	1,015,214	1,046,297	1,102,137							
12/31/2017	788,978	981,935	1,073,604								
12/31/2018	1,165,353	1,481,841									
12/31/2019	1,133,158										

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

## LOCAL PRODUCTS (Subline Code 336)

DEDUCTIBLE

MULTISTATE

PROPERTY DAMAGE - OCCURRENCE

INCURRED ACCIDENT YEAR BASIC LIMITS LOSS DEVELOPMENT EXCLUDING ALAE

Link Ratios

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

3 Yr Mean	1.224	1.035	1.118	0.986	1.095	1.000	1.004	1.012	1.015	1.051	0.991
Best 3/5	1.224	0.998	1.118	0.965	1.071	1.003	1.004	0.998	1.015	1.036	0.995

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

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

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

\* Calculated Using Modified Bondy Method

@ Three year mean Excludes Modified Bondy ratios

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

Allocated Expenses as of:

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

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



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

Increments

<u>A.Y.E</u>	<u>27: 15</u>	<u>39: 27</u>	<u>51: 39</u>	<u>63: 51</u>	<u>75: 63</u>	<u>87: 75</u>	<u>99: 87</u>	<u>111: 99</u>	<u>123: 111</u>	<u>135: 123</u>	<u>147: 135</u>	<u>159:147</u>	<u>171:159</u>
12/31/2000	108,278	201,505	185,763	222,986	255,866	400,535	196,503	160,019	299,442	170,494	149,375	112,701	65,510
12/31/2001	92,729	161,269	186,625	127,936	215,351	421,627	316,970	-49,851	203,243	115,919	111,583	87,192	27,870
12/31/2002	151,166	179,950	282,586	59,218	99,385	78,556	24,791	4	197,339	190,323	91,891	272,622	158,842
12/31/2003	611,815	312,320	159,010	151,689	36,805	13,631	87,221	73,445	101,917	82,130	60,280	19,267	23,282
12/31/2004	147,584	167,651	195,102	123,645	123,765	19,947	21,414	31,422	8,181	25,003	-4,981	6,942	29,728
12/31/2005	85,240	293,915	183,339	43,037	88,530	64,965	123,708	-5,485	-690	4,309	177,001	-124,168	11,592
12/31/2006	225,293	279,483	304,983	289,531	346,759	81,771	310,045	47,876	89,940	-1,516	163,769	40,824	99,232
12/31/2007	419,047	204,169	408,446	332,316	437,041	-22,891	197,757	69,952	-20,603	-126,765	884	-33,889	
12/31/2008	519,787	405,312	768,129	856,621	2,227,770	2,501,507	1,423,783	-14,712	-595,988	-497,969	-633,433		
12/31/2009	485,011	134,736	31,978	157,857	71,131	310,817	181,993	24,727	11,477	31,277			
12/31/2010	185,470	319,584	358,396	106,224	163,206	205,883	151,193	25,814	282,814				
12/31/2011	347,076	385,957	387,452	319,141	11,698	27,610	120,141	110,882					
12/31/2012	289,661	358,459	125,793	188,146	178,915	111,370	97,454						
12/31/2013	122,909	228,347	217,403	223,149	192,842	156,835							
12/31/2014	309,157	236,791	214,985	236,683	27,435								
12/31/2015	430,406	354,912	276,112	165,181									
12/31/2016	287,115	327,837	562,244										
12/31/2017	274,649	1,127,978											
12/31/2018	350,680												

Incremental Percentages

<u>A.Y.E</u>	<u>27: 15</u>	<u>39: 27</u>	<u>51: 39</u>	<u>63: 51</u>	<u>75: 63</u>	<u>87: 75</u>	<u>99: 87</u>	<u>111: 99</u>	<u>123: 111</u>	<u>135: 123</u>	<u>147: 135</u>	<u>159:147</u>	<u>171:159</u>
12/31/2000	0.0313	0.0582	0.0537	0.0645	0.0740	0.1158	0.0568	0.0463	0.0866	0.0493	0.0432	0.0326	0.0189
12/31/2001	0.0303	0.0526	0.0609	0.0417	0.0703	0.1375	0.1034	-0.0163	0.0663	0.0378	0.0364	0.0284	0.0091
12/31/2002	0.0707	0.0842	0.1322	0.0277	0.0465	0.0368	0.0116	0.0000	0.0923	0.0891	0.0430	0.1276	0.0743
12/31/2003	0.2234	0.1140	0.0581	0.0554	0.0134	0.0050	0.0318	0.0268	0.0372	0.0300	0.0220	0.0070	0.0085
12/31/2004	0.0483	0.0549	0.0639	0.0405	0.0405	0.0065	0.0070	0.0103	0.0027	0.0082	-0.0016	0.0023	0.0097
12/31/2005	0.0211	0.0727	0.0453	0.0106	0.0219	0.0161	0.0306	-0.0014	-0.0002	0.0011	0.0438	-0.0307	0.0029
12/31/2006	0.0454	0.0564	0.0615	0.0584	0.0699	0.0165	0.0625	0.0097	0.0181	-0.0003	0.0330	0.0082	0.0200
12/31/2007	0.0884	0.0431	0.0862	0.0701	0.0922	-0.0048	0.0417	0.0148	-0.0043	-0.0267	0.0002	-0.0071	
12/31/2008	0.0854	0.0666	0.1262	0.1407	0.3660	0.4110	0.2339	-0.0024	-0.0979	-0.0818	-0.1041		
12/31/2009	0.1063	0.0295	0.0070	0.0346	0.0156	0.0681	0.0399	0.0054	0.0025	0.0069			
12/31/2010	0.0348	0.0599	0.0672	0.0199	0.0306	0.0386	0.0284	0.0048	0.0530				
12/31/2011	0.0584	0.0650	0.0652	0.0537	0.0020	0.0046	0.0202	0.0187					
12/31/2012	0.0628	0.0777	0.0273	0.0408	0.0388	0.0242	0.0211						
12/31/2013	0.0255	0.0473	0.0451	0.0463	0.0400	0.0325							
12/31/2014	0.0565	0.0433	0.0393	0.0433	0.0050								
12/31/2015	0.0547	0.0451	0.0351	0.0210									
12/31/2016	0.0481	0.0550	0.0943										
12/31/2017	0.0415	0.1706											
12/31/2018	0.0545												

Best 3/5	0.0525	0.0491	0.0398	0.0435	0.0248	0.0318	0.0298	0.0083	0.0054	-0.0087	0.0105	0.0007	0.0127
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LOCAL PRODUCTS (Subline Code 336)  
 FULL COVERAGE  
 MULTISTATE  
 PROPERTY DAMAGE - OCCURRENCE  
 INCURRED ACCIDENT YEAR ALAE DEVELOPMENT

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

171 to Ultimate Factor: 1.066

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

A.Y.E	Reported ALAE as of 3/31/20	\$500,000 Ultimate Indemnity	ALAE Factor	Additional ALAE	ALAE at 171 Months	171-Ultimate Factor	Ultimate ALAE
12/31/2017	2,020,379	7,256,679	0.199	1,444,084	3,464,463	1.066	3,692,975
12/31/2018	885,566	7,007,644	0.248	1,737,898	2,623,464	1.066	2,796,465
12/31/2019	343,580	8,931,587	0.300	2,679,492	3,023,072	1.066	3,222,446

\* Calculated Using Modified Bondy Method

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

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

Notes: All dollar amounts are displayed in thousands.

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

# LOCAL PRODUCTS / COMPLETED OPERATIONS TREND SUMMARY

(1) <u>EXPOSURE TREND</u>	<u>LOCAL PRODUCTS</u>	<u>COMPLETED OPERATIONS</u>	<u>LOCAL PRODUCTS / COMPLETED OPERATIONS COMBINED</u>
Average Annual Percent Change			
a) 7/1/2017 to 7/1/2022 AYE 12/31/2017	+ 0.9%	+ 1.6%	+ 1.5%
b) 7/1/2018 to 7/1/2022 AYE 12/31/2018	+ 0.8%	+ 1.1%	+ 1.1%
c) 7/1/2019 to 7/1/2022 AYE 12/31/2019	+ 0.7%	+ 0.6%	+ 0.6%
(2) <u>OCCURRENCE SEVERITY</u>	<u>BODILY INJURY</u>	<u>PROPERTY DAMAGE</u>	
a) Fitted			
All Years	+ 6.4%	+ 4.8%	
Eight Years	+ 8.1%	+ 5.1%	
Six Years	+ 10.8%	+ 4.4%	
b) Selected	+ 5.0%	+ 4.5%	
(3) <u>FREQUENCY TREND</u>			
Selected	- 0.5%		

NOTE: The BI deductible trend is equal to the bodily injury trend. The PD deductible trend is equal to the property damage trend.

LOCAL PRODUCTS / COMPLETED OPERATIONS  
AVERAGE ANNUAL EXPOSURE TRENDS  
FOR ACCIDENT YEARS ENDING 12/31/2017, 12/31/2018 & 12/31/2019

(1) YEAR ENDING QUARTER*			(2) LOCAL PRODUCTS CLASS GROUP SALES EXPOSURE INDICES			(3) COMPLETED OPERATIONS CLASS GROUP PAYROLL EXPOSURE INDICES			(1) YEAR ENDING QUARTER*			(2) LOCAL PRODUCTS CLASS GROUP SALES EXPOSURE INDICES			(3) COMPLETED OPERATIONS CLASS GROUP PAYROLL EXPOSURE INDICES		
2009	1		0.961			22.128			2016	1		1.030			25.313		
	2		0.966			22.349				2		1.030			25.481		
	3		0.969			22.502				3		1.029			25.735		
	4		0.968			22.653				4		1.030			25.943		
2010	1		0.964			22.806			2017	1		1.033			26.166		
	2		0.962			22.928				2		1.034			26.330		
	3		0.962			23.080				3		1.037			26.530		
	4		0.965			23.208				4		1.040			26.719		
2011	1		0.968			23.312			2018	1		1.043			26.958		
	2		0.973			23.427				2		1.047			27.208		
	3		0.978			23.556				3		1.051			27.441		
	4		0.982			23.638				4		1.054			27.728		
2012	1		0.986			23.715			2019	1		1.057			27.949		
	2		0.990			23.794				2		1.060			28.183		
	3		0.995			23.873				3		1.062			28.355		
	4		1.000			23.965				4		1.064			28.506		
2013	1		1.004			24.062			2020	1		1.065			28.691		
	2		1.006			24.140				2		1.059			28.816		
	3		1.008			24.167				3P		1.055			28.993		
	4		1.010			24.208				4P		1.052			28.953		
2014	1		1.012			24.299			2021	1P		1.050			28.873		
	2		1.016			24.405				2P		1.055			28.805		
	3		1.019			24.538				3P		1.058			28.682		
	4		1.022			24.663				4P		1.062			28.738		
2015	1		1.024			24.759			2022	1P		1.067			28.793		
	2		1.026			24.909				2P		1.074			28.845		
	3		1.027			25.013				3P		1.081			28.905		
	4		1.030			25.172				4P		1.088			28.981		
CHANGE IN EXPOSURES			LOCAL PRODUCTS			COMPLETED OPERATIONS											
	7/1/2017 to 7/1/2022	(2022:4/2017:4)			1.046			1.085									
	7/1/2018 to 7/1/2022	(2022:4/2018:4)			1.032			1.045									
	7/1/2019 to 7/1/2022	(2022:4/2019:4)			1.022			1.017									
AVERAGE ANNUAL TREND FACTOR																	
	7/1/2017 to 7/1/2022	( 5.0 YRS )			1.009			1.016									
	7/1/2018 to 7/1/2022	( 4.0 YRS )			1.008			1.011									
	7/1/2019 to 7/1/2022	( 3.0 YRS )			1.007			1.006									

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

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

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

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

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

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

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

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

(See Section B - Explanation of Trend Calculation).

LOCAL PRODUCTS/COMPLETED OPERATIONS

FREQUENCY TREND  
MULTISTATE

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

Bodily Injury and Property Damage Combined

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

Selected Annual Frequency Trend: - 0.5%

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

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



## CLASS GROUPS AND CALCULATION OF PROPOSED CLASS LOSS COSTS

### Explanatory Notes

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

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

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

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

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

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

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

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

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

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

## CLASS GROUPS AND CALCULATION OF PROPOSED CLASS LOSS COSTS

### Explanatory Notes (Cont'd)

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

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

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

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

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

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

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

Change Factor = (Index) (Class Group Relative Change) (SWRL) (Off balance factor)  
where "SWRL" equals the selected state monoline loss cost level change.  
The off balance factor of 1.001 results from capping.

## CLASS GROUPS AND CALCULATION OF PROPOSED CLASS LOSS COSTS

### Explanatory Notes (Cont'd)

Column (8) is the percent change of the proposed state occurrence loss cost (column (10)) for each class with respect to the current state occurrence loss cost (column (9)).

Column (9) is the current state occurrence loss cost for each class.

Column (10) is the proposed state occurrence loss cost for each class.

LOSS COST % CHANGE BY CLASS

SUBLINE: LOCAL PRODUCTS/COMPLETED OPERATIONS

CLASS GROUP: 01

NUMBER OF YEARS OF DATA USED: 5

CHANGE FACTOR = INDEX \* CG REL \* SWRL USED = INDEX \* .884 \* 1.027

CLASS	AYE 2019 MONO/MULTI ALCCL (1)	5 YEAR MONO/MULTI ALCCL (2)	5 YEAR MONO/MULTI EXPERIENCE RATIO (3)	CRED. (4)	FORMULA ER (5)	INDEX (6)	CHANGE FACTOR (7)	STATE- WIDE % CHANGE (8)	PRESENT STATEWIDE OCCUR (9)	PROPOSED STATEWIDE OCCUR (10)
10100	135876	958159	1.68702	.3290	1.141	1.307	1.187	19.0	0.042	0.050
10145	29932	448000	.84434	.2183	.867	.993	.902	-14.3	0.007	0.006
10146	7711	51163	2.04040	.1031	.994	1.139	1.034	0.0	0.014	0.014
10352	18731	156964	.68968	.1370	.848	.971	.882	-12.8	0.047	0.041
11039	317465	2332164	1.11680	.5144	.999	1.144	1.039	3.5	0.057	0.059
11258	11543	91714	.00000	.1164	.772	.884	.803	-19.7	0.127	0.102
11259	103	1792	.00000	.0863	.798	.914	.830	-17.4	0.092	0.076
11288	54553	430583	1.06859	.2138	.915	1.048	.951	-4.4	0.068	0.065
12374	193922	1437805	.99018	.4079	.921	1.055	.958	-5.0	0.060	0.057
12375	68828	798729	.25750	.2979	.690	.790	.717	-19.4	0.036	0.029 L
13673	262089	2317560	1.11990	.5129	1.000	1.145	1.040	7.1	0.014	0.015
13720	19031	201111	1.54928	.1504	.975	1.117	1.014	2.0	0.050	0.051
14401	45696	225157	.82503	.1575	.866	.992	.901	-10.2	0.108	0.097
15224	64268	573862	.98848	.2489	.902	1.033	.938	-5.7	0.053	0.050
16900	434051	2828367	.91678	.5584	.898	1.029	.934	-6.0	0.083	0.078
16901	1932215	10645993	.71794	.8182	.746	.855	.776	-19.5	0.128	0.103 L
16902	112426	704396	.48862	.2782	.766	.877	.796	-18.9	0.053	0.043 L
16905								-6.0	0.083	0.078
16906								-19.5	0.128	0.103 L
16910	2354150	16282567	.87746	.8724	.877	1.005	.912	-9.1	0.055	0.050
16911	187720	1262233	.80213	.3813	.846	.969	.880	-11.1	0.054	0.048
16915	61273	452025	.82917	.2193	.864	.990	.899	-11.1	0.045	0.040
16916	889850	5296525	.88381	.6957	.881	1.009	.916	-7.5	0.053	0.049
16920	12278	85590	.98642	.1144	.886	1.015	.921	-8.2	0.122	0.112
16921	1312	5596	.00000	.0876	.797	.913	.829	-16.3	0.049	0.041
16930	83763	441426	.77251	.2166	.852	.976	.886	-11.7	0.145	0.128
16931	34113	182345	1.21673	.1447	.923	1.057	.960	-3.2	0.062	0.060
16940	1002	4438	.00000	.0872	.797	.913	.829	-16.3	0.049	0.041
16941	20261	97100	.17210	.1181	.791	.906	.823	-17.9	0.078	0.064
18435	338006	2009268	.99862	.4807	.934	1.070	.971	-3.7	0.054	0.052
18436	15502	83992	.00000	.1139	.774	.887	.805	-19.2	0.125	0.101
18501	231487	2070676	.83044	.4874	.852	.976	.886	-10.0	0.010	0.009
45900	58712	353455	.00187	.1936	.705	.808	.734	-20.0	0.040	0.032 L
49617	516167	2686215	1.30152	.5466	1.107	1.268	1.151	14.9	0.181	0.208
57001	25156	232168	1.62604	.1596	.994	1.139	1.034	5.0	0.020	0.021

X-TILDE: .891 X-TILDE (MONOLINE): .873 PI-TILDE: .0049190  
 TAU SQUARED: .03000 SIGMA SQUARED: 79264.83023

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LOSS COST % CHANGE BY CLASS

SUBLINE: LOCAL PRODUCTS/COMPLETED OPERATIONS

CLASS GROUP: 02

NUMBER OF YEARS OF DATA USED: 5

CHANGE FACTOR = INDEX \* CG REL \* SWRL USED = INDEX \* .985 \* 1.027

CLASS	AYE 2019 MONO/MULTI ALCCL (1)	5 YEAR MONO/MULTI ALCCL (2)	5 YEAR MONO/MULTI EXPERIENCE RATIO (3)	CRED. (4)	FORMULA ER (5)	INDEX (6)	CHANGE FACTOR (7)	STATE- WIDE % CHANGE (8)	PRESENT STATEWIDE OCCUR (9)	PROPOSED STATEWIDE OCCUR (10)
10026	4722	38121	.00000	.0631	1.109	1.103	1.116	13.3	0.015	0.017
10042	1401932	7730438	1.01965	.5660	1.091	1.086	1.099	8.8	0.340	0.370
10060	2270	15393	.00000	.0599	1.113	1.107	1.120	11.7	0.077	0.086
10065	18791	180161	10.28298	.0827	1.936	1.926	1.948	28.0	0.025	0.032 U
10066	2750	21992	.00000	.0608	1.112	1.106	1.119	12.2	0.041	0.046
10071	599809	3582269	1.08799	.3892	1.147	1.141	1.154	15.0	0.100	0.115
10073	10962376	58064445	.87272	.9038	.903	.899	.909	-8.2	0.490	0.450
10075	913	4871	16.36748	.0584	2.071	2.061	2.085	27.9	0.179	0.229 U
10107	14833	142387	.69955	.0776	1.146	1.140	1.153	16.7	0.240	0.280
10115	62521	385200	.97331	.1097	1.161	1.155	1.168	16.7	0.072	0.084
10309	21399	197425	.12393	.0851	1.094	1.089	1.102	7.1	0.014	0.015
11020	6861	41928	.74759	.0636	1.156	1.150	1.163	16.3	0.098	0.114
11127	70160	517244	1.27949	.1262	1.196	1.190	1.204	25.0	0.008	0.010
11128	29198	197801	.83288	.0851	1.154	1.148	1.161	16.1	0.062	0.072
11204	38541	122068	.01868	.0748	1.097	1.092	1.105	10.4	1.340	1.480
11234	21980	173395	.73986	.0818	1.147	1.141	1.154	15.7	0.051	0.059
12014	19445	180804	.43222	.0828	1.122	1.116	1.129	13.3	0.030	0.034
12356	5056	52803	2.62070	.0652	1.277	1.271	1.286	28.0	0.025	0.032
12510	3094	36932	.00000	.0629	1.109	1.103	1.116	9.5	0.021	0.023
12805	1038347	5849007	1.28794	.5004	1.236	1.230	1.244	24.0	0.129	0.160
13351	926384	5825942	1.61870	.4995	1.401	1.394	1.410	26.1	0.046	0.058 U
13352	6454	37561	.00000	.0630	1.109	1.103	1.116	11.4	0.035	0.039
13506	110024	560425	.88757	.1314	1.145	1.139	1.152	15.9	0.063	0.073
13507	47523	284811	.00495	.0967	1.070	1.065	1.077	7.7	0.156	0.168
13716	661729	3937436	.80824	.4098	1.030	1.025	1.037	3.5	0.113	0.117
13759	19897	157296	.01221	.0796	1.091	1.086	1.099	10.0	0.120	0.132
14101	9112	89981	.20375	.0704	1.115	1.109	1.122	13.2	0.038	0.043
14279	104854	757747	1.22509	.1547	1.190	1.184	1.198	20.4	0.054	0.065
14913	80932	476603	.85758	.1212	1.144	1.138	1.151	14.9	0.141	0.162
15538	7203	106488	.42130	.0727	1.128	1.122	1.135	14.3	0.014	0.016
15600	4773	47698	2.36611	.0645	1.260	1.254	1.269	27.3	0.077	0.098
15608	1557	22462	.00000	.0609	1.112	1.106	1.119	12.5	0.008	0.009
15839	22998	200577	.18719	.0855	1.099	1.094	1.107	8.7	0.023	0.025
15991	42700	264762	1.24757	.0940	1.190	1.184	1.198	20.3	0.069	0.083
15993	7827	47130	.31445	.0644	1.128	1.122	1.135	13.6	0.044	0.050
16403	88083	503787	1.69072	.1245	1.247	1.241	1.255	25.5	0.165	0.207
16676	992	6623	.00000	.0586	1.114	1.108	1.121	8.3	0.012	0.013

X-TILDE: .978 X-TILDE (MONOLINE): 1.005 PI-TILDE: .0024801  
 TAU SQUARED: .06754 SIGMA SQUARED: 445767.49317

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## LOSS COST % CHANGE BY CLASS

SUBLINE: LOCAL PRODUCTS/COMPLETED OPERATIONS

CLASS GROUP: 02

NUMBER OF YEARS OF DATA USED: 5

CHANGE FACTOR = INDEX \* CG REL \* SWRL USED = INDEX \* .985 \* 1.027

CLASS	AYE 2019 MONO/MULTI ALCCL (1)	5 YEAR MONO/MULTI ALCCL (2)	5 YEAR MONO/MULTI EXPERIENCE RATIO (3)	CRED. (4)	FORMULA ER (5)	INDEX (6)	CHANGE FACTOR (7)	STATE- WIDE % CHANGE (8)	PRESENT STATEWIDE OCCUR (9)	PROPOSED STATEWIDE OCCUR (10)
18078	51548	585036	.33780	.1344	1.070	1.065	1.077	7.6	0.105	0.113
18109	466	3235	.65688	.0582	1.153	1.147	1.160	16.7	0.024	0.028
18110	52289	365967	1.08690	.1072	1.173	1.167	1.181	18.8	0.032	0.038
18206	424910	3006934	1.14506	.3526	1.170	1.164	1.177	17.8	0.107	0.126
18335	9267	51180	.00000	.0649	1.107	1.101	1.114	12.5	0.016	0.018
18506	24	273	.00000	.0577	1.115	1.109	1.122	20.0	0.005	0.006
18507	1011	9301	.45146	.0590	1.141	1.135	1.148	14.3	0.007	0.008
18708	9574	65266	8.91049	.0669	1.701	1.693	1.713	21.4	0.014	0.017 U
18834	7619	39509	.00000	.0633	1.109	1.103	1.116	11.8	0.127	0.142
18911	4537	41299	.28427	.0636	1.127	1.121	1.134	11.8	0.017	0.019
18912	1241	6698	1.12063	.0586	1.180	1.174	1.188	20.0	0.030	0.036
18920	366	4299	.41870	.0583	1.139	1.133	1.146	12.5	0.016	0.018
45819	575507	3455922	.78081	.3815	1.030	1.025	1.037	3.0	0.066	0.068
49618	498	2685	2.00447	.0581	1.231	1.225	1.239	24.1	0.058	0.072
49619	178664	1169053	1.07852	.1995	1.163	1.157	1.170	16.8	0.107	0.125

X-TILDE: .978 X-TILDE (MONOLINE): 1.005 PI-TILDE: .0024801  
 TAU SQUARED: .06754 SIGMA SQUARED: 445767.49317

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LOSS COST % CHANGE BY CLASS

SUBLINE: LOCAL PRODUCTS/COMPLETED OPERATIONS

CLASS GROUP: 11

NUMBER OF YEARS OF DATA USED: 5

CHANGE FACTOR = INDEX \* CG REL \* SWRL USED = INDEX \* 1.026 \* 1.027

CLASS	AYE 2019 MONO/MULTI ALCCL (1)	5 YEAR MONO/MULTI ALCCL (2)	5 YEAR MONO/MULTI EXPERIENCE RATIO (3)	CRED. (4)	FORMULA ER (5)	INDEX (6)	CHANGE FACTOR (7)	STATE- WIDE % CHANGE (8)	PRESENT STATEWIDE OCCUR (9)	PROPOSED STATEWIDE OCCUR (10)
92053	0	0	.00000	.0000	.903	1.000	1.054	6.1	0.490	0.520
92054	0	3	.00000	.1250	.790	.829	.874	-12.9	0.194	0.169
92055	664	3212	.00000	.1255	.790	.829	.874	-13.0	0.193	0.168
95124	833897	5364333	1.40612	.5407	1.175	1.233	1.299	25.6	0.820	1.030 U
98303	139627	364858	.28905	.1757	.795	.834	.879	-12.8	7.730	6.740
98304	2735454	15079117	1.03772	.7531	1.004	1.054	1.111	10.4	3.160	3.490
98305	3846411	17557449	1.02478	.7792	.998	1.047	1.103	9.5	1.890	2.070
98306	7638	63169	.71453	.1342	.878	.921	.970	-4.6	0.870	0.830
98307	1770	9955	.18764	.1265	.813	.853	.899	-10.9	0.460	0.410
98308	526568	2957311	.96262	.4163	.928	.974	1.026	2.0	0.990	1.010
98309	32301	123440	1.96815	.1429	1.055	1.107	1.166	15.5	2.060	2.380
98344	68839	337433	.63902	.1721	.858	.900	.948	-6.0	0.830	0.780
98449	2505364	13185559	.86340	.7287	.874	.917	.966	-4.1	24.100	23.100
98805	253582	1240900	1.35432	.2765	1.028	1.079	1.137	13.3	1.280	1.450
98813	401195	2011355	.90044	.3467	.902	.946	.997	-1.1	1.840	1.820
98967	1991268	8362006	1.15151	.6371	1.061	1.113	1.173	16.5	10.300	12.000
99003	44124	252124	.50506	.1607	.839	.880	.927	-8.4	1.190	1.090
99826	40202	217067	1.22037	.1559	.953	1.000	1.054	5.4	0.560	0.590
99827	72295	470233	.74399	.1893	.873	.916	.965	-3.7	0.540	0.520
99948	3338735	14217590	.88219	.7426	.888	.932	.982	-2.6	26.500	25.800
99952	707098	2058410	.89572	.3506	.901	.945	.996	-1.0	19.800	19.600
99953	292384	1272437	.54509	.2797	.803	.843	.888	-12.4	12.100	10.600
99954	203906	859801	.27442	.2359	.755	.792	.835	-17.1	10.900	9.040
99955	851308	3935841	.71035	.4742	.812	.852	.898	-10.9	7.550	6.730

X-TILDE: .979 X-TILDE (MONOLINE): .953 PI-TILDE: .0073154  
 TAU SQUARED: .03000 SIGMA SQUARED: 177801.39354

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LOSS COST % CHANGE BY CLASS

SUBLINE: LOCAL PRODUCTS/COMPLETED OPERATIONS

CLASS GROUP: 12

NUMBER OF YEARS OF DATA USED: 5

CHANGE FACTOR = INDEX \* CG REL \* SWRL USED = INDEX \* 1.009 \* 1.027

CLASS	AYE 2019 MONO/MULTI ALCCL (1)	5 YEAR MONO/MULTI ALCCL (2)	5 YEAR MONO/MULTI EXPERIENCE RATIO (3)	CRED. (4)	FORMULA ER (5)	INDEX (6)	CHANGE FACTOR (7)	STATE- WIDE % CHANGE (8)	PRESENT STATEWIDE OCCUR (9)	PROPOSED STATEWIDE OCCUR (10)
91111	2005102	12172473	.82609	.4005	.887	.964	.999	-0.9	5.680	5.630
91150	1170994	6410088	.84195	.2744	.905	.984	1.020	1.3	5.390	5.460
91155	6394666	25282713	.96466	.5704	.949	1.032	1.069	6.0	38.100	40.400
91340	25894652	118353035	.84710	.8574	.859	.934	.968	-3.9	8.780	8.440
91341	11697866	56725410	.96342	.7442	.954	1.037	1.075	6.8	4.570	4.880
91342	11844410	56178098	.91744	.7424	.920	1.000	1.036	2.6	3.460	3.550
91343	352321	2249590	.67166	.1444	.891	.968	1.003	-0.7	1.340	1.330
91436	240537	1464913	.64996	.1145	.896	.974	1.009	0.0	2.220	2.220
91507	33406	200880	.03055	.0616	.873	.949	.983	-2.2	3.210	3.140
91551	834825	4787168	.81320	.2287	.902	.980	1.016	1.6	0.610	0.620
91555	122633	925528	.59874	.0927	.898	.976	1.011	0.0	0.890	0.890
91560	12496312	65523056	.89427	.7703	.902	.980	1.016	0.8	3.840	3.870
91577	2012218	10093802	1.08149	.3604	.983	1.068	1.107	10.1	2.980	3.280
91746	3625247	16921832	1.03491	.4756	.979	1.064	1.103	9.5	5.660	6.200
92101	508810	2701812	.86209	.1607	.918	.998	1.034	2.8	2.820	2.900
92102	560047	3151225	1.35475	.1764	1.003	1.090	1.130	12.0	3.320	3.720
92215	8763624	48010003	.94818	.7119	.942	1.024	1.061	5.3	2.840	2.990
92338	5404362	24944488	.98479	.5672	.960	1.043	1.081	7.0	2.130	2.280
92446	464981	1777119	.26393	.1266	.844	.917	.950	-5.7	1.580	1.490
92447	34212	246589	.56674	.0636	.905	.984	1.020	1.3	1.550	1.570
92451	2688670	15665581	.94481	.4576	.936	1.017	1.054	5.1	1.980	2.080
92478	15554969	86546479	.87755	.8152	.887	.964	.999	-0.6	1.640	1.630
94007	11086501	48028772	.94140	.7120	.938	1.020	1.057	4.8	5.170	5.420
94276	1738600	9476802	.72441	.3474	.857	.932	.966	-4.1	4.340	4.160
94569	2796233	16312381	1.01320	.4671	.968	1.052	1.090	8.2	3.530	3.820
95410	6538699	34870687	.84872	.6442	.877	.953	.988	-1.9	2.690	2.640
95455	421778	3049596	2.24205	.1729	1.155	1.255	1.300	26.4	1.210	1.530 U
95505	92380	553770	1.42876	.0770	.967	1.051	1.089	8.0	2.130	2.300
95625	1851543	9194510	1.24020	.3413	1.035	1.125	1.166	15.7	3.510	4.060
95647	34159083	163472527	.91275	.8923	.914	.993	1.029	2.2	6.810	6.960
96053	664843	2771838	.72645	.1632	.895	.973	1.008	0.2	4.460	4.470
96410	1677433	8371729	.96490	.3229	.940	1.022	1.059	5.2	8.580	9.030
96611	352444	1656614	.21831	.1220	.842	.915	.948	-5.6	1.420	1.340
97447	8101408	41579061	1.03467	.6823	1.001	1.088	1.127	11.8	4.820	5.390
97650	453009	2150339	.81629	.1407	.912	.991	1.027	1.9	3.650	3.720
97651	336732	1693930	1.31869	.1234	.976	1.061	1.099	9.1	3.620	3.950
97652	56021	297996	6.65931	.0659	1.306	1.420	1.471	27.0	3.740	4.750 U

X-TILDE: .906 X-TILDE (MONOLINE): .920 PI-TILDE: .0033020  
 TAU SQUARED: .03000 SIGMA SQUARED: 629325.03161

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LOSS COST % CHANGE BY CLASS

SUBLINE: LOCAL PRODUCTS/COMPLETED OPERATIONS

CLASS GROUP: 12

NUMBER OF YEARS OF DATA USED: 5

CHANGE FACTOR = INDEX \* CG REL \* SWRL USED = INDEX \* 1.009 \* 1.027

CLASS	AYE 2019 MONO/MULTI ALCCL (1)	5 YEAR MONO/MULTI ALCCL (2)	5 YEAR MONO/MULTI EXPERIENCE RATIO (3)	CRED. (4)	FORMULA ER (5)	INDEX (6)	CHANGE FACTOR (7)	STATE- WIDE % CHANGE (8)	PRESENT STATEWIDE OCCUR (9)	PROPOSED STATEWIDE OCCUR (10)
97653	870063	4113929	.79201	.2080	.900	.978	1.013	0.7	2.820	2.840
97654	69999	441113	.25524	.0721	.880	.957	.992	-1.5	2.620	2.580
97655	1567276	7867958	.53192	.3110	.805	.875	.907	-10.0	4.810	4.330
98002	35882	245868	.00000	.0636	.869	.945	.979	-3.3	0.910	0.880
98482	22322985	116513855	.99729	.8555	.987	1.073	1.112	10.4	6.630	7.320
98483	33401570	159376525	.89014	.8898	.894	.972	1.007	0.0	19.800	19.800
98502	420728	2063125	1.05292	.1375	.945	1.027	1.064	5.6	3.740	3.950
98636	2050133	10580751	.81287	.3703	.886	.963	.998	-0.9	3.240	3.210
98677	4692865	22824982	.90307	.5463	.914	.993	1.029	1.9	10.400	10.600
98678	3219694	14385183	.85563	.4380	.896	.974	1.009	0.0	14.600	14.600
98806	616083	3869008	.76771	.2002	.896	.974	1.009	0.3	3.080	3.090
98820	3243542	17503941	.90822	.4836	.919	.999	1.035	2.8	3.250	3.340
98884	2175880	12289387	1.06614	.4026	.984	1.070	1.109	10.3	1.750	1.930
99004	35939	191744	.09161	.0612	.877	.953	.988	-1.9	1.580	1.550
99080	1417991	6565010	.55412	.2784	.824	.896	.928	-7.9	7.580	6.980
99315	1176739	6662217	1.12297	.2810	.983	1.068	1.107	10.4	1.830	2.020
99321	2001827	11086093	.81841	.3802	.886	.963	.998	-0.9	2.250	2.230
99613	1244636	7248217	.87071	.2959	.911	.990	1.026	2.0	2.010	2.050
99650	479024	3191235	.96907	.1777	.935	1.016	1.053	4.4	0.910	0.950
99746	3485764	19691061	.94638	.5113	.938	1.020	1.057	5.1	2.940	3.090

X-TILDE: .906 X-TILDE (MONOLINE): .920 PI-TILDE: .0033020  
 TAU SQUARED: .03000 SIGMA SQUARED: 629325.03161

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: 13

NUMBER OF YEARS OF DATA USED: 5

CHANGE FACTOR = INDEX \* CG REL \* SWRL USED = INDEX \* .940 \* 1.027

CLASS	AYE 2019 MONO/MULTI ALCCL (1)	5 YEAR MONO/MULTI ALCCL (2)	5 YEAR MONO/MULTI EXPERIENCE RATIO (3)	CRED. (4)	FORMULA ER (5)	INDEX (6)	CHANGE FACTOR (7)	STATE- WIDE % CHANGE (8)	PRESENT STATEWIDE OCCUR (9)	PROPOSED STATEWIDE OCCUR (10)
91125	43480	162571	.05377	.1519	.682	.864	.834	-17.1	1.520	1.260
91127	822663	4238084	.63189	.5830	.700	.887	.856	-15.2	1.250	1.060
91235	341243	2315058	.50746	.4514	.665	.843	.814	-19.1	2.820	2.280
91265	30979	111228	.36395	.1407	.734	.930	.898	-10.7	2.990	2.670
91266	199021	1055784	1.10183	.3086	.889	1.127	1.088	8.2	0.970	1.050
91280	5596	61117	3.28520	.1295	1.117	1.416	1.367	27.0	2.780	3.530 U
94381	1960728	7217499	1.04646	.6960	.970	1.229	1.186	17.9	13.400	15.800
94404	136669	436075	1.59215	.2069	.960	1.217	1.175	16.7	5.210	6.080
95310	362549	1674290	1.22455	.3870	.961	1.218	1.176	16.5	1.030	1.200
96408	1636999	7447881	.77812	.7022	.783	.992	.958	-4.6	13.000	12.400
96409	1934637	10659934	.89920	.7685	.875	1.109	1.071	6.6	9.760	10.400
97221	802732	5400056	.73770	.6358	.758	.961	.928	-8.4	1.190	1.090
97222	3504230	19733699	.73878	.8578	.747	.947	.914	-9.3	1.820	1.650
97223	4067824	20228531	.65365	.8608	.673	.853	.823	-18.1	4.090	3.350
98152	441839	3010243	1.16138	.5076	.981	1.243	1.200	20.3	0.590	0.710
98157	57862	303357	.00000	.1811	.651	.825	.796	-19.5	0.410	0.330
98163	2870	7282	.00000	.1171	.702	.890	.859	-14.5	0.200	0.171
98164	17383	82718	.00000	.1343	.688	.872	.842	-16.4	0.061	0.051
98659	12	589	.00000	.1155	.703	.891	.860	-14.3	0.350	0.300
98914	182	2907	.00000	.1161	.702	.890	.859	-14.0	0.500	0.430
98949	3860	25026	.00000	.1212	.698	.885	.854	-15.2	0.270	0.229
98993	1506903	7749806	.53890	.7100	.613	.777	.750	-20.5	4.630	3.680 L
99163	2822	13668	.00000	.1186	.700	.887	.856	-14.6	0.410	0.350
99803	21907	79894	1.06402	.1337	.831	1.053	1.017	1.0	10.100	10.200
99946	2552501	15234835	.83021	.8242	.824	1.044	1.008	0.0	2.460	2.460
99969	919482	4431224	1.23120	.5928	1.053	1.335	1.289	27.1	2.660	3.380 U

X-TILDE: .792 X-TILDE (MONOLINE): .789 PI-TILDE: .0068835  
 TAU SQUARED: .03000 SIGMA SQUARED: 113367.68726

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 U - CAPPED UP  
 N - NOT SUBJECT TO CAPPING  
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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.

In anticipation of long-term behavioral, social, and economic changes as a result of COVID-19, it is expected, based on the information currently available, that those changes will have a material impact on prospective loss costs for certain risks. To reflect these changes, judgmentally selected adjustment factors continue to be reflected in the loss costs for several classes. Additionally, for M&C premium development an adjustment factor has been applied to the standard ISO methodology development factor to be reflected in the latest experience accident year (year ending 9/30/2020).

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### LOSS COST ADJUSTMENTS GENERAL LIABILITY

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

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

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

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

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

LOSS COST  
ADJUSTMENTS  
GENERAL LIABILITY  
(Cont'd)

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

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

### PREMIUM DEVELOPMENT ADJUSTMENT FACTOR

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

For the current recession in particular, many of the premium audits that will impact accident year-ending 9/30/2020 had not yet occurred as of the 12/31/2020 evaluation date. As a result, a premium development adjustment factor has been applied to account for the overall exposure decreases expected upon audit.

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

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

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

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MULTISTATE  
MANUFACTURERS AND CONTRACTORS

FULL & DEDUCTIBLE COMBINED  
TOTAL LIMITS PREMIUM

PREMIUM DEVELOPMENT ADJUSTMENT FACTOR DATA

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

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

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

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

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

## SECTION I

### LCADD MANUAL PAGE WITHDRAWN

#### TABLE OF CONTENTS

CG-LCADD-1 (Withdrawn)

I-2



COMMERCIAL LINES MANUAL  
DIVISION SIX  
GENERAL LIABILITY  
LOSS COST ADDENDUM PAGES

WISCONSIN (48)

**LOSS COST MAPPING BY CLASS**

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

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

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

WISCONSIN GL-2021-BGL1  
BASIC LIMIT LOSS COST LEVEL  
GENERAL LIABILITY OTHER THAN PROFESSIONAL  
PREMISES/OPERATIONS & PRODUCTS/COMPLETED OPERATIONS  
ACTUARIAL ANALYSIS SUPPLEMENT

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PURPOSE                      This document provides discussion and analysis of pattern shifts in the data used to derive the advisory loss costs.

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LOSS COST                      The statewide advisory loss cost level changes are:  
LEVEL CHANGES

<u>SUBLINE</u>	<u>INDICATED</u>	<u>SELECTED</u>
M&C	- 0.5%	- 0.5%
OL&T	- 5.9%	- 2.5%
Premises/Operations	- 3.0%	- 1.4%
Products	- 7.7%	- 7.7%
Local Products/Completed Operations	+ 2.6%	+ 2.6%
Products/Completed Operations	- 1.9%	- 1.9%
GL Overall	- 2.7%	- 1.5%

---

INDICATED                      Indicated changes are based on standard ISO methodology. The selected changes are equal  
VS. SELECTED                      to the indicated changes for all sublines except for Owners, Landlords & Tenants, where a  
change of -2.5% has been selected to temper the effect of the experience for the latest year  
and to limit swings in loss costs.

---

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

ISO reporting companies' voluntary experience.  
Fiscal - accident year data through year ended 9/30/2020 for Premises/Operations.  
Calendar - accident year data through year ended 12/31/2019 for Products/Completed  
Operations.

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

Statistical plan data reported to ISO is first processed through a system of rigorous  
automated data verification processes so that only data that would be reliable is used for  
ratemaking. Subsequent to this initial data submission review, additional analyses  
involving an even more customized data review for this line was performed by staff.  
During these processes, various data records were excluded from the review, corrected or  
adjusted. Specifically, various reported exposure amounts have been adjusted prior to  
their use in the calculations. The ISO staff responsible for this loss cost review also  
reviewed the data for reasonableness.

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## CALL TO CALL COMPARISON

### Manufacturers and Contractors

The Aggregate Loss Costs at Current Level (ALCCL) decreased by an average of 3.6%, 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 4.6% decrease in ALCCL;
- Implemented loss cost level change (+4.5%);
- A change in exposure trend plus an additional year of trending (+4.5%);
- The effect on ALCCL due to a change in average IPMFs (-6.9%).

The Basic Limit Experience Ratio (BLER) increased in 2017 (+6.8%). 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 7.2%, when the four years common to both this year's and last year's reviews are compared. This is primarily accounted for by the following changes since the prior review:

- A change in company mix which caused an 5.2% decrease in ALCCL;
- Implemented loss cost level change (+8.8%);
- A change in exposure trend plus an additional year of trending (+1.0%);
- The effect on ALCCL due to a change in average IPMFs (+0.6%).

The BLER decreased in 2019 (-22.9%). This is mainly due to favorable experience across several class groups.

---

### Products

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

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

The BLERs changed due to the various effects listed above.

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CALL TO CALL  
COMPARISON  
(Cont'd)

Local Products/  
Completed Ops

Multistate ALCCL increased by an average of 16.3% over the four common years in the latest call. This can be accounted for by the following changes since the prior review:

- A change in the companies mix which caused a 10.5% increase in ALCCL;
- Implemented an average loss cost level change of approximately +9.2% in most states;
- A change in exposure trend plus an additional year of trending of -2.0%;
- The effect on ALCCL due to a change in average IPMFs (+0.8%).

The BLERs changed due to the various effects listed above.

LATEST CALL  
YEAR TO YEAR  
COMPARISON

Manufacturers and  
Contractors

The ALCCL increased from 2016 to 2018 and then decreased thereafter.

The low BLERs for 2016 (0.790) and 2018 (0.738) are attributable to favorable experience in several class groups.

Owners, Landlords  
and Tenants

The ALCCL decreased from 2016 to 2017, increased from 2017 to 2019 and then decreased thereafter.

The low BLERs for 2016 (0.804) and 2020 (0.768) are attributable to favorable experience in several class groups.

Products

The ALCCL increased from 2015 to 2017, decreased in 2018 and then increased thereafter.

The BLER increased from 2015 to 2016 and then decreased thereafter.

Local Products/  
Completed Ops

The ALCCL increased steadily from 2015 to 2019.

The BLER increased from 2015 to 2016, decreased in 2017 and then increased thereafter.

LOSS  
DEVELOPMENT  
FACTOR  
COMPARISON

Manufacturers and  
Contractors

The BI indemnity loss development factors for the 2021 review remained stable compared to those in the 2020 review, except for the 15 and 27 months-to-ultimate factors which increased by 13.4% and 11.6% respectively. This can largely be attributed to higher 15-to-27 and 27-to-39 months weighted link ratios. The PD indemnity loss development factors for the 2021 review remained stable compared to those in the 2020 review.

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

The multistate deductible coverage BI indemnity loss development factors for the 2021 review remained stable compared to the 2020 review. The multistate deductible coverage PD indemnity loss development factors for the 2021 review have increased compared to the 2020 review.

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

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Owners, Landlords  
and Tenants

The BI indemnity loss development factors for the 2021 review remained stable compared to those in the 2020 review, except for the 15 months-to-ultimate factor which increased by 12.7%. This can largely be attributed to a higher 15-to-27 months state link ratio. The PD indemnity loss development factors for the 2021 review remained stable compared to those in the 2020 review.

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

The multistate deductible coverage BI and PD indemnity loss development factors for the 2021 review remained stable compared to those in the 2020 review.

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

---

Products

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

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

LOSS  
DEVELOPMENT  
FACTOR  
COMPARISON  
(Cont'd)

Local Products/  
Completed Ops

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

For Completed Operations, the full coverage BI indemnity loss development factors for the 2021 review remained stable compared to those in the 2020 review, except for the 15 months-to-ultimate factors which increased by 20.1%. This can largely be attributed to higher 15-to-27 and 27-to-39 months state link ratios. The full coverage PD indemnity loss development factors for the 2021 review remained stable compared to those in the 2020 review.

The Completed Operations multistate full coverage BI indemnity loss development factors for the 2021 review have decreased compared to those in the 2020 review. The multistate full coverage PD indemnity loss development factors for the 2021 review remained stable compared to those in the 2020 review. The multistate deductible coverage BI indemnity loss development factors for the 2021 review have decreased compared to those in the 2020 review. The multistate deductible coverage PD indemnity loss development factors for the 2021 review have increased compared to those in the 2020 review.

One might expect PD loss development to be higher due to the Montrose decision in California. In response to the Montrose decision, ISO has introduced revised wording into the CGL policy to better define the concept of known loss. This revision represents neither a broadening nor a restriction in coverage from the original intent, however, it may result in the shifting of coverage, under certain circumstances, between an insured's current policy and past or future policies.

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ALAE Development

To develop ALAE losses for all sublines and loss types (BI, PD and Fringe), we are using an incremental method that is based on a percentage of the total limit indemnity losses developed to ultimate. Since this is a procedure that produces incremental factors instead of multiplicative factors, there is no appropriate factor comparison available to last year's review.

One of the primary purposes of this procedure is to produce accurate and stable developed ALAE, especially for immature accident years.

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SEVERITY TREND COMPARISON	Manufacturers and Contractors	The BI severity trend selection is +4.5%, unchanged from +4.5% in the previous Fiscal review.
		The PD severity trend selection is +4.5%, unchanged from +4.5% in the previous Fiscal review.
		The Fringe severity trend selection is 0.0%, unchanged from 0.0% in the previous Fiscal review.
	<hr/>	
	Owners, Landlords and Tenants	The BI severity trend selection is +4.5%, up from +4.0% in the previous Fiscal review.
		The PD severity trend selection is +5.5%, up from +5.0% in the previous Fiscal review.
		The Fringe severity selection is 0.0%, down from +1.0% in the previous Fiscal review.
	<hr/>	
	Products	The BI severity trend selection is +3.0%, unchanged from +3.0% in the previous review.
		The PD severity trend selection is +5.5%, down from +6.0% in the previous review.
	<hr/>	
	Local Products/ Completed Ops	The BI severity trend selection is +5.0%, up from +4.0% in the previous review.
		The PD selected severity trend is +4.5%, unchanged from +4.5% in the previous review.
	<hr/>	

FREQUENCY  
TREND  
COMPARISON

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

Manufacturers and  
Contractors

The latest frequency point is lower than the prior point.

Owners, Landlords  
and Tenants

The latest frequency point is lower than the prior point.

Products

The latest frequency point is lower than the prior point.

Local Products/  
Completed Ops

The latest frequency point is higher than the prior point.

EXPOSURE  
TREND  
COMPARISON

Manufacturers and  
Contractors

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

Owners, Landlords  
and Tenants

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

Products

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

Local Products/  
Completed Ops

The exposure trend factors for Local Products are lower than that used in the previous review for all three years. The exposure trend factors for Completed Operations are lower than that used in the previous review for all three years.



WEIGHTED AVERAGE IMPLICIT PACKAGE MODIFICATION FACTOR (IPMF) COMPARISON	Manufacturers and Contractors	The current weighted average IPMF is 0.948. In the 2020 review the weighted average IPMF was 1.054.
	Owners, Landlords and Tenants	The current weighted average IPMF is 0.976. In the 2020 review the weighted average IPMF was 0.968.
	Products	The current multistate weighted average IPMF is 0.865. In the 2020 review the multistate weighted average IPMF was 0.859.
	Local Products/ Completed Ops	The current multistate weighted average IPMF is 1.000. In the Group 4, 2020 review the multistate weighted average IPMF was 0.991.
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, Wisconsin's state balanced relative change (0.936) ranks 6th lowest overall. In last year's review, Wisconsin's state balanced relative change (0.980) ranked 17th lowest overall.	
CHANGE IN COMPANY MIX SINCE LAST CALL	For Manufacturers and Contractors the change in company mix results in an average decrease of 4.6% in the total statewide ALCCL.	
	For Owners, Landlords and Tenants, the change in company mix results in an average decrease of 5.2% in the total statewide ALCCL.	
	For Products, the change in company mix results in a 10.8% increase in the total multistate ALCCL.	
	For Local Products/Completed Operations, the change in company mix results in a 10.5% increase in the total multistate ALCCL.	

\$100,000/200,000 BASIC LIMIT OCCURRENCE											
Premises/Operations (Prem/Ops) (Subline Code 334) Territory 501											
Products/Completed Operations (Prod/Cops)						(Subline Code 336) Entire State Territory 999					
Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops
10010	.102	.189	10150	.44	(a)	11204	.28	1.48	13111	.43	.092
10011	.024	(a)	10151	11.00	—	11205	(a)	—	13112	.03	.063
10012	.028	(a)	10160	1.97	—	11206	.75	—	13201	.84	.144
10015	4.13	—	10204	.199	—	11207	9.49	—	13204	.95	1.14
10020	(a)	(a)	10205	.222	—	11208	1.63	—	13205	.36	.42
10025	.024	(a)	10210	.36	(a)	11209	7.64	—	13206	(a)	(a)
10026	.57	.017	10211	.36	(a)	11210	3.25	—	13207	(a)	(a)
10027	.024	(a)	10220	4.17	—	11211	16.90	—	13208	(a)	(a)
10036	.62	(a)	10255	.23	.151	11212	2.56	—	13314	.106	.014
10040	.077	.32	10256	.84	.183	11213	2.09	—	13351	.26	.058
10042	.33	.37	10257	.159	.148	11214	5.14	—	13352	.26	.039
10052	2.86	—	10309	.143	.015	11222	.086	—	13410	1.32	2.35
10054	2.54	—	10315	.34	(a)	11234	.249	.059	13411	(a)	(a)
10060	.157	.086	10331	5.60	—	11248	.044	.016	13412	.45	1.21
10065	.236	.032	10332	9.67	—	11258	.46	.102	13453	.52	(a)
10066	.24	.046	10352	.223	.041	11259	.49	.076	13454	.60	(a)
10070	.058	.151	10367	4.35	—	11273	12.40	—	13455	.61	(a)
10071	.28	.115	10368	6.36	—	11274	11.90	—	13461	(a)	(a)
10072	4.92	—	10375	(a)	—	11288	.56	.065	13506	.81	.073
10073	.97	.45	10378	5.67	—	12014	.094	.034	13507	.98	.168
10075	7.18	.229	10379	2.63	—	12356	1.05	.032	13590	.46	.67
10100	.38	.05	10380	4.50	—	12361	.035	.07	13621	.115	.33
10101	.212	.177	10381	3.89	—	12362	.064	(a)	13670	.02	.017
10105	2.30	—	11007	1.85	—	12373	.024	.023	13673	.35	.015
10107	2.96	.28	11020	.27	.114	12374	.54	.057	13715	.064	.145
10110	14.10	—	11039	.84	.059	12375	.27	.029	13716	.40	.117
10111	.127	.067	11052	3.02	—	12391	.048	.07	13720	.197	.051
10113	.32	—	11101	(a)	(a)	12393	.36	(a)	13759	.157	.132
10115	.63	.084	11120	(a)	—	12467	.148	(a)	13930	.136	.174
10117	4.10	—	11126	.055	.024	12509	.058	.031	14068	.035	.012
10119	(a)	—	11127	.32	.01	12510	.73	.023	14101	.41	.043
10120	9.20	—	11128	.44	.072	12583	.32	(a)	14279	.44	.065
10130	3.14	—	11138	1.40	—	12651	.95	.51	14401	.46	.097
10132	2.70	—	11155	.189	—	12683	.43	(a)	14405	1.09	—
10133	2.91	—	11160	(a)	(a)	12707	.42	.56	14527	.26	.179
10135	(a)	—	11167	.70	—	12797	.088	.194	14655	.079	—
10140	.016	.022	11168	3.61	—	12805	.29	.16	14731	3.00	—
10141	.032	.023	11201	16.20	—	12841	.48	—	14732	.222	—
10145	.155	.006	11202	4.79	—	12927	.083	—	14733	.55	—
10146	.171	.014	11203	.75	.46	13049	.018	.051	14734	.236	—

## DIVISION SIX

## PREM/OPS TERR. 501

## GENERAL LIABILITY

## PROD/COPS

## LOSS COST PAGES

\$100,000/200,000 BASIC LIMIT OCCURRENCE Premises/Operations (Prem/Ops) (Subline Code 334) Territory 501 Products/Completed Operations (Prod/Cops) (Subline Code 336) Entire State Territory 999											
Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops
14855	.203	.133	16670	2.33	—	18501	.37	.009	40072	(a)	—
14913	.30	.162	16676	.26	.013	18506	.41	.006	40075	57.20	—
15060	(a)	(a)	16694	.38	(a)	18507	.166	.008	40101	4.74	—
15061	(a)	(a)	16705	.204	.131	18570	1.74	—	40102	4.19	—
15062	.182	(a)	16722	(a)	—	18575	(a)	(a)	40111	4.57	—
15063	.212	(a)	16723	(a)	—	18616	.31	.59	40115	(a)	—
15070	.146	—	16750	.092	.034	18707	.01	.005	40117	(a)	—
15119	(a)	—	16751	.092	—	18708	.102	.017	40140	(a)	—
15120	(a)	—	16819	1.10	(a)	18833	.115	(a)	41001	.154	—
15123	2.90	—	16820	.85	(a)	18834	.26	.142	41210	(a)	—
15124	1.01	—	16881	1.45	(a)	18911	.83	.019	41421	.29	—
15188	.32	(a)	16890	.129	(a)	18912	1.57	.036	41422	.154	—
15223	.023	.044	16891	.141	(a)	18920	.41	.018	41510	41.80	—
15224	.208	.05	16892	.26	(a)	18991	(a)	—	41603	13.60	—
15300	(a)	—	16900	1.54	.078	19007	1.13	—	41604	7.49	—
15314	.189	(a)	16901	.99	.103	19051	2.51	—	41620	1.36	—
15404	.083	(a)	16902	.84	.043	19061	(a)	—	41650	19.20	—
15405	.122	(a)	16905	1.62	.078	19795	.27	(a)	41664	19.50	—
15406	.31	.053	16906	1.04	.103	19796	.32	—	41665	2.28	—
15488	.78	(a)	16910	.92	.05	40005	(a)	—	41666	(a)	—
15538	.34	.016	16911	.84	.048	40006	(a)	—	41667	53.30	—
15600	.85	.098	16915	.95	.04	40010	(a)	—	41668	50.00	—
15607	.191	—	16916	.79	.049	40015	(a)	—	41669	.35	—
15608	.189	.009	16920	2.10	.112	40020	(a)	—	41670	.59	—
15656	5.59	—	16921	1.92	.041	40026	(a)	—	41672	(a)	—
15699	.47	—	16930	1.21	.128	40031	(a)	—	41673	(a)	—
15733	.203	.034	16931	1.30	.06	40032	(a)	—	41675	(a)	—
15839	.25	.025	16940	2.62	.041	40040	(a)	—	41677	.28	—
15991	.208	.083	16941	1.05	.064	40041	(a)	—	41678	47.70	—
15993	.175	.05	18078	.116	.113	40042	(a)	—	41679	(a)	(a)
16005	.034	.031	18109	.35	.028	40045	129.00	—	41680	9.99	—
16009	.249	.106	18110	.28	.038	40046	25.50	—	41696	.89	—
16402	1.26	—	18200	(a)	—	40047	9.08	—	41697	.62	—
16403	.79	.207	18205	.179	.38	40059	3.25	—	41700	(a)	—
16404	1.00	—	18206	.45	.126	40061	1.72	—	41715	6.34	—
16471	.27	—	18335	.32	.018	40063	57.70	—	41716	4.04	—
16501	.072	(a)	18435	.41	.052	40064	17.00	—	43007	(a)	—
16527	.11	.32	18436	.33	.101	40066	(a)	—	43117	(a)	—
16588	.115	(a)	18437	.46	(a)	40067	(a)	—	43151	28.50	—
16604	.194	.122	18438	.89	(a)	40069	(a)	—	43152	14.30	—

\$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
43200	108.00	—	44112	.73	—	45771	.36	.139	47254	(a)	—
43215	(a)	—	44113	(a)	—	45819	.118	.068	47318	5.44	—
43421	29.70	—	44193	(a)	—	45900	.097	.032	47367	.28	—
43422	156.00	—	44194	(a)	—	45901	.083	.045	47420	1.19	—
43424	(a)	—	44222	(a)	—	45937	.245	—	47468	(a)	—
43470	5.16	—	44276	145.00	—	45993	(a)	(a)	47469	2.88	—
43517	(a)	—	44277	94.30	—	46004	18.30	—	47471	2.50	—
43518	8.36	—	44280	.28	—	46005	14.60	—	47473	3.27	—
43550	106.00	—	44311	4.31	—	46112	.019	—	47474	3.65	—
43551	58.80	—	44315	2.90	—	46202	3.03	—	47475	2.88	—
43626	6.68	—	44427	17.10	—	46362	166.00	—	47476	2.88	—
43628	86.80	—	44428	17.20	—	46426	24.30	—	47477	3.84	—
43629	73.60	—	44429	.26	—	46427	32.40	—	47478	4.04	—
43754	(a)	—	44430	.18	—	46510	(a)	—	47600	(a)	—
43760	2.45	—	44431	.57	—	46590	(a)	—	47610	(a)	—
43822	4.07	—	44432	.182	—	46603	2.04	—	48039	76.80	—
43840	.05	—	44433	5.79	—	46604	2.35	—	48177	(a)	—
43860	3.23	—	44434	11.10	—	46606	6.27	—	48178	(a)	—
43889	1.15	—	44435	11.50	—	46607	8.62	—	48206	17.70	—
43945	(a)	—	44436	13.40	—	46622	12.00	—	48252	(a)	—
43946	(a)	—	44437	11.10	—	46671	(a)	—	48441	.074	—
43990	(a)	(a)	44438	8.78	—	46700	218.00	—	48557	7.42	—
43991	(a)	—	44439	17.10	—	46773	(a)	—	48558	6.46	—
44009	3.53	—	44440	14.10	—	46822	(a)	—	48600	48.60	—
44010	(a)	(a)	44500	(a)	—	46881	(a)	—	48610	(a)	—
44069	7.14	—	44501	(a)	—	46882	(a)	—	48636	.94	(a)
44070	2.12	—	45190	2.39	—	46911	13.20	—	48637	5.67	—
44071	2.35	—	45191	1.69	—	46912	24.20	—	48638	2.82	—
44072	1.63	—	45192	1.98	—	46913	(a)	—	48727	(a)	—
44100	2.19	—	45193	1.17	—	46914	(a)	—	48808	1.43	—
44101	2.28	—	45210	1.48	—	46915	(a)	—	48924	(a)	—
44102	1.78	—	45224	(a)	—	46916	(a)	—	48925	136.00	—
44103	1.58	—	45225	(a)	—	47050	1.11	—	49005	.191	—
44104	.66	—	45334	62.50	—	47051	(a)	—	49111	2.19	—
44105	(a)	—	45380	.237	(a)	47052	(a)	—	49181	25.10	—
44106	(a)	—	45450	18.40	—	47103	(a)	—	49183	30.60	—
44108	.78	—	45523	(a)	—	47146	(a)	—	49184	64.60	—
44109	1.96	—	45524	(a)	—	47147	(a)	—	49185	58.80	—
44110	2.01	—	45539	(a)	—	47221	239.00	—	49239	.177	.46
44111	1.23	—	45678	.30	—	47253	(a)	—	49292	1.84	—

## DIVISION SIX

## PREM/OPS TERR. 501

## GENERAL LIABILITY

## PROD/COPS

## LOSS COST PAGES

\$100,000/200,000 BASIC LIMIT OCCURRENCE Premises/Operations (Prem/Ops) (Subline Code 334) Territory 501 Products/Completed Operations (Prod/Cops) (Subline Code 336) Entire State Territory 999											
Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops
49305	(a)	—	51240	.226	.196	51702	.089	(a)	51986	.11	.096
49333	13.50	—	51241	.67	.218	51703	.037	(a)	51999	.046	.40
49451	(a)	—	51250	.15	(a)	51734	.069	.35	52002	.041	.114
49452	(a)	—	51251	.019	(a)	51741	.118	.243	52075	.11	.222
49617	.239	.208	51252	.068	.074	51752	.099	.15	52076	.133	(a)
49618	.20	.072	51253	.058	(a)	51767	.013	.007	52109	.01	(a)
49619	.38	.125	51254	.018	.032	51777	.046	.077	52134	.136	.60
49763	2.45	—	51255	.38	(a)	51790	.077	(a)	52137	.043	(a)
49800	(a)	—	51300	.063	.147	51796	.043	(a)	52150	.25	(a)
49801	211.00	—	51305	.063	.88	51808	.153	.68	52315	.06	.27
49802	18.70	—	51315	.115	.096	51809	.189	.146	52341	.027	(a)
49803	33.10	—	51330	.058	.66	51833	.069	.054	52342	.078	(a)
49840	1.15	—	51333	.019	.32	51850	.14	(a)	52343	.048	(a)
49870	56.80	—	51340	.019	(a)	51851	.095	(a)	52401	.148	(a)
49890	(a)	—	51350	.107	.127	51852	.222	(a)	52402	.01	(a)
49891	(a)	—	51351	.096	.049	51853	.089	(a)	52432	.051	(a)
49902	(a)	—	51352	.131	.101	51854	.20	(a)	52433	.047	.80
49903	(a)	—	51355	.089	.091	51855	.21	(a)	52435	.058	(a)
50010	.11	.38	51356	.096	.56	51856	.115	(a)	52438	.042	(a)
50011	.052	(a)	51357	.164	.76	51857	.197	(a)	52440	.066	(a)
50012	.041	(a)	51358	.39	.129	51869	.051	.136	52467	.061	(a)
50015	.072	(a)	51359	.35	.71	51877	.28	.191	52469	.021	.096
50017	.055	(a)	51370	.221	3.83	51889	.047	.011	52505	.107	.237
50018	.048	(a)	51380	.022	.041	51896	.022	.017	52547	.128	.07
50019	.029	(a)	51400	.135	(a)	51900	.052	.10	52581	.52	2.19
50045	.125	(a)	51401	.199	(a)	51909	.126	.053	52619	.037	(a)
50047	.014	(a)	51500	.042	.116	51919	.047	(a)	52660	.10	—
51001	.032	.42	51516	.084	—	51926	.048	.044	52744	.26	.066
51005	.007	(a)	51517	.095	—	51927	.026	.132	52767	.117	(a)
51116	.082	.69	51550	.052	.40	51934	.053	.107	52876	(a)	(a)
51201	.019	(a)	51551	.018	.89	51941	.048	.041	52911	.029	.42
51205	.057	.059	51552	.031	.152	51942	.077	—	52967	.011	.058
51206	.009	.32	51553	.055	(a)	51956	.207	.205	53001	.107	.30
51210	.057	(a)	51554	.005	(a)	51957	.182	.46	53077	.051	.219
51211	(a)	(a)	51575	.029	.021	51958	.162	.37	53095	.035	(a)
51220	.195	1.90	51576	.099	.097	51959	.166	(a)	53096	.049	(a)
51221	.108	1.76	51600	.068	.172	51960	.022	.33	53121	.139	.40
51222	.132	4.53	51613	.045	.139	51970	.095	.177	53147	.02	(a)
51224	.138	1.49	51625	.03	(a)	51982	.028	.077	53229	.111	(a)
51230	.023	.74	51666	.045	.089	51985	.078	—	53271	.026	(a)

\$100,000/200,000 BASIC LIMIT OCCURRENCE Premises/Operations (Prem/Ops) (Subline Code 334) Territory 501 Products/Completed Operations (Prod/Cops) (Subline Code 336) Entire State Territory 999											
Class Code	Prem/Ops	Prod/Cops	Class Code	Prem/Ops	Prod/Cops	Class Code	Prem/Ops	Prod/Cops	Class Code	Prem/Ops	Prod/Cops
53333	.109	.248	55715	.109	.203	56918	.044	(a)	58096	.097	1.49
53374	.07	.26	55716	.158	.49	56919	.113	(a)	58301	.035	.077
53375	.037	.27	55717	.149	(a)	56920	.103	(a)	58302	.026	.051
53376	.059	.183	55718	.144	(a)	56980	.054	(a)	58397	.153	.65
53377	.061	.188	55802	.046	.011	57001	.019	.021	58408	.066	—
53403	.038	(a)	55918	.063	2.26	57002	.012	.096	58409	.084	—
53425	.103	(a)	55919	.009	3.42	57090	.165	.68	58456	.045	—
53565	.045	.096	56040	.006	.03	57146	.105	.75	58457	.065	—
53631	.016	.021	56041	.039	(a)	57202	.048	(a)	58458	.084	—
53632	.019	.032	56042	.049	(a)	57257	.06	.034	58459	.101	—
53731	.017	(a)	56170	.101	(a)	57401	.034	.089	58503	.041	.077
53732	.116	.47	56171	.05	(a)	57403	.094	.033	58532	.053	(a)
53733	.076	.228	56202	.039	.078	57410	.016	.173	58559	.011	(a)
53734	.50	—	56390	.068	.70	57411	.025	(a)	58560	.026	(a)
53803	.245	(a)	56391	.058	.30	57572	.01	.099	58561	(a)	(a)
53901	(a)	(a)	56427	.094	.119	57600	.029	.033	58575	.033	.111
53902	(a)	(a)	56488	.077	.038	57611	.054	.055	58627	.107	.012
53903	(a)	(a)	56567	.105	(a)	57625	.25	(a)	58663	.232	.95
53904	(a)	(a)	56650	.32	(a)	57651	.031	.039	58682	.095	(a)
53905	(a)	(a)	56651	.174	(a)	57690	.07	.45	58713	.029	(a)
53907	.051	.086	56652	.124	(a)	57716	.033	.074	58737	.069	.55
53951	(a)	(a)	56653	.12	(a)	57725	.073	.075	58756	.043	(a)
53952	(a)	(a)	56654	.061	(a)	57726	.057	.023	58757	.232	(a)
53953	(a)	(a)	56690	.04	.33	57798	.016	(a)	58759	.029	(a)
54012	.05	—	56699	.043	.067	57800	.058	(a)	58802	.033	.48
54077	.07	.39	56758	.037	.14	57808	.028	(a)	58813	.106	(a)
54444	(a)	(a)	56759	.038	.078	57809	.029	(a)	58822	.09	(a)
55010	.211	.98	56760	.054	.099	57810	.028	.10	58837	.214	.161
55011	.057	1.75	56805	.071	(a)	57871	.033	.111	58840	.064	.121
55012	.068	1.11	56806	.05	(a)	57913	.075	.26	58873	.102	.027
55013	.093	1.12	56807	.05	(a)	57997	.112	—	58903	.021	(a)
55014	(a)	(a)	56808	.065	(a)	57998	.033	.054	58904	.016	.12
55214	.055	.083	56900	.063	(a)	57999	.046	.07	58922	.17	.179
55371	.178	.108	56910	.031	(a)	58009	.046	(a)	59005	.039	.089
55410	(a)	(a)	56911	.09	(a)	58010	.077	(a)	59057	.29	(a)
55426	.113	(a)	56912	.073	.084	58020	.101	(a)	59058	.187	(a)
55597	.014	1.68	56913	.06	(a)	58056	.092	(a)	59188	.201	.052
55647	.028	.065	56915	.35	(a)	58057	.058	(a)	59189	.28	.28
55648	.012	(a)	56916	.32	.215	58058	.052	(a)	59223	.106	.103
55649	.015	(a)	56917	.092	(a)	58095	.073	1.79	59257	.011	.012

## DIVISION SIX

## PREM/OPS TERR. 501

## GENERAL LIABILITY

## PROD/COPS

## LOSS COST PAGES

\$100,000/200,000 BASIC LIMIT OCCURRENCE Premises/Operations (Prem/Ops) (Subline Code 334) Territory 501 Products/Completed Operations (Prod/Cops) (Subline Code 336) Entire State Territory 999											
Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops
59306	.066	(a)	59923	.007	.005	62003	12.90	—	91125	3.13	1.26
59378	.069	.141	59925	.35	1.19	63010	51.20	—	91127	2.57	1.06
59481	.177	.096	59926	.30	.46	63011	63.90	—	91130	1.57	—
59482	.209	(a)	59927	.203	1.30	63012	91.00	—	91135	.44	(a)
59537	.074	.232	59931	.136	.48	63013	86.10	—	91150	2.43	5.46
59601	.067	2.23	59932	.147	.80	63215	42.50	—	91155	5.40	40.40
59647	.093	.158	59941	.046	(a)	63216	29.50	—	91160	1.26	—
59660	.123	1.06	59947	.047	.30	63217	25.90	—	91175	1.08	—
59661	.06	(a)	59955	.018	.132	63218	8.71	—	91177	4.74	—
59693	.01	—	59963	.13	.37	63219	(a)	—	91179	4.76	—
59695	(a)	(a)	59964	.31	.066	63220	(a)	—	91190	2.55	(a)
59701	.005	.33	59970	.063	.169	64074	16.80	—	91200	.89	—
59713	.11	.33	59973	.084	(a)	64075	11.90	—	91210	(a)	—
59722	.057	.028	59975	.088	.19	64500	(a)	—	91235	2.97	2.28
59723	.021	.034	59977	.051	(a)	65007	25.90	—	91250	4.47	(a)
59724	.033	.015	59984	.023	.049	66122	11.10	—	91265	19.20	2.67
59725	.041	.145	59985	.09	(a)	66123	6.12	—	91266	10.10	1.05
59726	.03	.023	59986	.069	(a)	66309	17.90	—	91280	(a)	3.53
59738	.095	.059	59988	.023	.055	66561	41.40	—	91302	13.10	(a)
59750	.055	.181	59989	.012	.041	67017	38.40	—	91315	3.99	—
59751	.02	(a)	60010	28.40	—	67508	23.10	—	91324	8.89	(a)
59773	.012	.026	60011	32.70	—	67509	16.90	—	91325	(a)	(a)
59774	.01	.141	60012	53.70	—	67510	9.42	—	91340	5.80	8.44
59775	.013	.178	60013	46.00	—	67511	10.20	—	91341	5.43	4.88
59781	.048	.085	60015	34.40	—	67512	43.60	—	91342	5.32	3.55
59782	.071	.56	60016	38.70	—	67513	27.70	—	91343	1.20	1.33
59783	.069	(a)	60035	29.20	—	67634	33.20	—	91405	6.76	—
59784	.053	(a)	61000	28.10	—	67635	23.50	—	91436	6.15	2.22
59790	.073	(a)	61212	14.90	—	68001	71.80	—	91481	22.40	—
59798	.181	.46	61216	16.50	—	68439	92.30	—	91507	3.31	3.14
59806	.13	(a)	61217	15.00	—	68500	6.25	—	91523	50.90	—
59867	.083	(a)	61218	10.30	—	68604	1.73	—	91547	.29	—
59886	.011	.10	61223	73.00	—	68606	6.75	—	91551	1.80	.62
59889	.039	.187	61224	23.30	—	68607	5.33	—	91555	1.79	.89
59892	.069	(a)	61225	32.30	—	68702	4.39	—	91560	5.60	3.87
59904	.047	.076	61226	54.40	—	68703	3.29	—	91562	4.00	—
59905	.052	.12	61227	49.70	—	68706	14.10	—	91577	14.30	3.28
59914	.30	.69	62000	11.30	—	68707	14.00	—	91580	7.40	—
59915	.156	.66	62001	8.94	—	90089	5.20	—	91581	(a)	(a)
59917	.029	.232	62002	4.08	—	91111	3.82	5.63	91582	(a)	(a)

\$100,000/200,000 BASIC LIMIT OCCURRENCE											
Premises/Operations (Prem/Ops) (Subline Code 334) Territory 501						Products/Completed Operations (Prod/Cops) (Subline Code 336) Entire State Territory 999					
Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops
91583	(a)	(a)	94444	(a)	(a)	97223	2.97	3.35	98308	1.37	1.01
91584	(a)	(a)	94569	3.54	3.82	97308	.78	—	98309	6.72	2.38
91585	(a)	(a)	94590	15.30	—	97447	2.58	5.39	98344	.90	.78
91586	(a)	(a)	94617	4.82	—	97501	(a)	—	98405	1.49	—
91587	(a)	(a)	94638	(a)	—	97502	(a)	—	98413	17.40	(a)
91588	(a)	(a)	95124	1.78	1.03	97503	(a)	—	98414	15.90	(a)
91589	(a)	(a)	95233	3.81	—	97504	(a)	—	98415	2.09	(a)
91590	4.16	—	95305	4.14	—	97650	4.41	3.72	98423	4.97	(a)
91591	(a)	(a)	95306	6.17	—	97651	7.62	3.95	98424	8.43	(a)
91606	15.40	—	95310	9.88	1.20	97652	6.61	4.75	98425	3.47	(a)
91618	(a)	(a)	95357	1.57	—	97653	3.77	2.84	98426	3.06	(a)
91629	3.14	(a)	95358	(a)	—	97654	6.57	2.58	98427	2.98	—
91636	5.38	—	95410	5.33	2.64	97655	5.88	4.33	98428	(a)	—
91641	1.46	(a)	95455	6.50	1.53	98002	1.06	.88	98429	1.40	—
91666	1.12	(a)	95487	2.86	(a)	98003	1.18	(a)	98430	(a)	—
91722	4.71	(a)	95505	3.03	2.30	98090	.159	—	98449	4.27	23.10
91746	4.00	6.20	95620	2.32	(a)	98091	.172	—	98482	4.58	7.32
91805	.248	—	95625	6.28	4.06	98092	.53	—	98483	6.76	19.80
92053	.62	.52	95630	(a)	(a)	98111	.75	—	98502	6.47	3.95
92054	.213	.169	95647	3.57	6.96	98150	(a)	—	98555	3.02	—
92055	5.94	.168	95648	(a)	(a)	98151	(a)	—	98597	.68	—
92101	9.28	2.90	96053	2.72	4.47	98152	3.58	.71	98598	.232	—
92102	5.59	3.72	96317	1.63	—	98153	4.03	(a)	98601	7.76	(a)
92215	4.26	2.99	96408	4.62	12.40	98154	4.77	(a)	98622	(a)	—
92338	2.14	2.28	96409	4.27	10.40	98155	6.66	(a)	98623	(a)	—
92445	3.08	—	96410	3.75	9.03	98156	(a)	(a)	98624	1.22	—
92446	7.06	1.49	96611	1.33	1.34	98157	4.26	.33	98636	3.64	3.21
92447	6.17	1.57	96702	5.31	(a)	98158	(a)	(a)	98640	134.00	—
92451	2.97	2.08	96703	(a)	—	98159	2.86	(a)	98658	6.89	—
92453	3.90	—	96816	4.98	—	98160	6.05	(a)	98659	1.23	.30
92478	1.94	1.63	96872	5.77	(a)	98161	6.78	(a)	98677	21.10	10.60
92593	38.90	—	96930	(a)	—	98162	(a)	(a)	98678	18.70	14.60
92663	.72	—	97002	(a)	(a)	98163	7.12	.171	98698	(a)	(a)
94007	13.20	5.42	97003	(a)	(a)	98164	2.50	.051	98699	6.09	(a)
94099	3.02	—	97047	4.04	—	98257	1.78	—	98705	9.75	—
94225	10.60	—	97050	3.14	—	98303	13.40	6.74	98710	4.23	—
94276	5.53	4.16	97111	6.38	—	98304	6.59	3.49	98751	5.21	—
94304	3.79	(a)	97220	.42	(a)	98305	3.25	2.07	98805	5.53	1.45
94381	7.12	15.80	97221	(a)	1.09	98306	8.35	.83	98806	3.40	3.09
94404	5.24	6.08	97222	1.97	1.65	98307	2.09	.41	98810	4.58	—



## DIVISION SIX

PREM/OPS TERR. 501

## GENERAL LIABILITY

PROD/COPS

## LOSS COST PAGES

\$100,000/200,000 BASIC LIMIT OCCURRENCE Premises/Operations (Prem/Ops) (Subline Code 334) Territory 501 Products/Completed Operations (Prod/Cops) (Subline Code 336) Entire State Territory 999											
Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops
98813	4.42	1.82	99620	.58	—						
98820	10.50	3.34	99650	1.61	.95						
98871	(a)	(a)	99709	3.97	(a)						
98884	2.74	1.93	99718	1.70	—						
98914	.84	.43	99746	2.88	3.09						
98949	1.17	.229	99760	.33	—						
98967	4.31	12.00	99777	7.93	—						
98993	6.97	3.68	99793	3.65	—						
99003	2.05	1.09	99798	(a)	(a)						
99004	3.67	1.55	99803	(a)	10.20						
99080	1.45	6.98	99826	.90	.59						
99081	(a)	—	99827	.53	.52						
99082	(a)	—	99851	2.13	—						
99083	(a)	—	99917	3.45	—						
99084	(a)	(a)	99938	3.86	—						
99085	(a)	(a)	99943	11.20	—						
99111	2.11	—	99946	8.35	2.46						
99160	(a)	—	99948	8.40	25.80						
99163	5.02	.35	99952	6.70	19.60						
99165	1.10	(a)	99953	7.24	10.60						
99220	1.85	(a)	99954	5.27	9.04						
99221	(a)	(a)	99955	6.60	6.73						
99222	3.48	(a)	99963	.83	—						
99223	.31	(a)	99969	3.37	3.38						
99303	16.90	—	99975	5.86	—						
99310	4.21	(a)	99986	(a)	—						
99315	12.40	2.02	99987	(a)	—						
99321	12.00	2.23	99988	2.97	—						
99445	(a)	(a)									
99471	.84	—									
99505	5.90	—									
99506	7.26	—									
99507	6.33	—									
99570	3.40	(a)									
99571	.82	(a)									
99572	1.61	(a)									
99573	1.54	(a)									
99600	1.60	—									
99613	10.60	2.05									
99614	3.56	—									

\$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	.099	.189	10150	.34	(a)	11204	.215	1.48	13111	.53	.092
10011	.024	(a)	10151	8.58	—	11205	(a)	—	13112	.064	.063
10012	.027	(a)	10160	1.53	—	11206	.78	—	13201	.84	.144
10015	4.56	—	10204	.154	—	11207	9.82	—	13204	.95	1.14
10020	(a)	(a)	10205	.172	—	11208	1.68	—	13205	.36	.42
10025	.024	(a)	10210	.28	(a)	11209	7.91	—	13206	(a)	(a)
10026	.44	.017	10211	.28	(a)	11210	3.37	—	13207	(a)	(a)
10027	.024	(a)	10220	3.24	—	11211	17.50	—	13208	(a)	(a)
10036	.62	(a)	10255	.23	.151	11212	2.65	—	13314	.083	.014
10040	.076	.32	10256	.84	.183	11213	2.16	—	13351	.201	.058
10042	.25	.37	10257	.159	.148	11214	5.32	—	13352	.205	.039
10052	3.16	—	10309	.111	.015	11222	.089	—	13410	1.32	2.35
10054	2.80	—	10315	.26	(a)	11234	.194	.059	13411	(a)	(a)
10060	.122	.086	10331	6.19	—	11248	.044	.016	13412	.45	1.21
10065	.183	.032	10332	10.70	—	11258	.57	.102	13453	.52	(a)
10066	.187	.046	10352	.28	.041	11259	.62	.076	13454	.60	(a)
10070	.057	.151	10367	4.50	—	11273	9.60	—	13455	.61	(a)
10071	.219	.115	10368	6.58	—	11274	9.22	—	13461	(a)	(a)
10072	5.10	—	10375	(a)	—	11288	.70	.065	13506	.63	.073
10073	.97	.45	10378	6.27	—	12014	.094	.034	13507	.76	.168
10075	7.17	.229	10379	2.91	—	12356	.81	.032	13590	.46	.67
10100	.48	.05	10380	4.97	—	12361	.075	.07	13621	.115	.33
10101	.165	.177	10381	4.30	—	12362	.062	(a)	13670	.042	.017
10105	1.79	—	11007	1.92	—	12373	.024	.023	13673	.43	.015
10107	2.95	.28	11020	.208	.114	12374	.42	.057	13715	.062	.145
10110	15.50	—	11039	.84	.059	12375	.208	.029	13716	.31	.117
10111	.124	.067	11052	2.73	—	12391	.047	.07	13720	.245	.051
10113	.248	—	11101	(a)	(a)	12393	.28	(a)	13759	.122	.132
10115	.49	.084	11120	(a)	—	12467	.115	(a)	13930	.133	.174
10117	4.53	—	11126	.043	.024	12509	.058	.031	14068	.027	.012
10119	(a)	—	11127	.32	.01	12510	.73	.023	14101	.32	.043
10120	10.20	—	11128	.43	.072	12583	.32	(a)	14279	.44	.065
10130	2.44	—	11138	1.55	—	12651	.95	.51	14401	.58	.097
10132	2.10	—	11155	.147	—	12683	.43	(a)	14405	1.13	—
10133	2.62	—	11160	(a)	(a)	12707	.41	.56	14527	.25	.179
10135	(a)	—	11167	.63	—	12797	.086	.194	14655	.061	—
10140	.035	.022	11168	3.26	—	12805	.222	.16	14731	2.71	—
10141	.069	.023	11201	16.80	—	12841	.37	—	14732	.20	—
10145	.33	.006	11202	4.96	—	12927	.065	—	14733	.43	—
10146	.213	.014	11203	.74	.46	13049	.039	.051	14734	.183	—

## 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
14855	.202	.133	16670	2.57	—	18501	.46	.009	40072	(a)	—
14913	.23	.162	16676	.205	.013	18506	.40	.006	40075	25.70	—
15060	(a)	(a)	16694	.38	(a)	18507	.129	.008	40101	4.76	—
15061	(a)	(a)	16705	.199	.131	18570	1.35	—	40102	4.20	—
15062	.182	(a)	16722	(a)	—	18575	(a)	(a)	40111	5.04	—
15063	.212	(a)	16723	(a)	—	18616	.31	.59	40115	(a)	—
15070	.151	—	16750	.072	.034	18707	.009	.005	40117	(a)	—
15119	(a)	—	16751	.072	—	18708	.079	.017	40140	(a)	—
15120	(a)	—	16819	1.10	(a)	18833	.112	(a)	41001	.17	—
15123	2.61	—	16820	.85	(a)	18834	.205	.142	41210	(a)	—
15124	.91	—	16881	1.12	(a)	18911	.65	.019	41421	.242	—
15188	.32	(a)	16890	.129	(a)	18912	1.22	.036	41422	.129	—
15223	.05	.044	16891	.14	(a)	18920	.32	.018	41510	32.50	—
15224	.26	.05	16892	.26	(a)	18991	(a)	—	41603	11.50	—
15300	(a)	—	16900	1.51	.078	19007	1.02	—	41604	6.29	—
15314	.147	(a)	16901	.97	.103	19051	2.27	—	41620	1.40	—
15404	.083	(a)	16902	.82	.043	19061	(a)	—	41650	16.10	—
15405	.122	(a)	16905	1.59	.078	19795	.212	(a)	41664	21.50	—
15406	.31	.053	16906	1.02	.103	19796	.248	—	41665	2.52	—
15488	.78	(a)	16910	.91	.05	40005	(a)	—	41666	(a)	—
15538	.26	.016	16911	.82	.048	40006	(a)	—	41667	58.90	—
15600	.66	.098	16915	.93	.04	40010	(a)	—	41668	55.20	—
15607	.197	—	16916	.78	.049	40015	(a)	—	41669	.39	—
15608	.147	.009	16920	2.06	.112	40020	(a)	—	41670	.65	—
15656	4.34	—	16921	1.89	.041	40026	(a)	—	41672	(a)	—
15699	.49	—	16930	1.19	.128	40031	(a)	—	41673	(a)	—
15733	.202	.034	16931	1.28	.06	40032	(a)	—	41675	(a)	—
15839	.197	.025	16940	2.58	.041	40040	(a)	—	41677	.29	—
15991	.161	.083	16941	1.03	.064	40041	(a)	—	41678	36.30	—
15993	.136	.05	18078	.113	.113	40042	(a)	—	41679	(a)	(a)
16005	.033	.031	18109	.27	.028	40045	142.00	—	41680	8.39	—
16009	.248	.106	18110	.215	.038	40046	28.10	—	41696	.92	—
16402	.98	—	18200	(a)	—	40047	10.00	—	41697	.64	—
16403	.62	.207	18205	.174	.38	40059	3.59	—	41700	(a)	—
16404	.78	—	18206	.35	.126	40061	1.90	—	41715	5.32	—
16471	.28	—	18335	.25	.018	40063	63.70	—	41716	3.39	—
16501	.07	(a)	18435	.50	.052	40064	18.70	—	43007	(a)	—
16527	.107	.32	18436	.41	.101	40066	(a)	—	43117	(a)	—
16588	.115	(a)	18437	.36	(a)	40067	(a)	—	43151	12.80	—
16604	.193	.122	18438	.69	(a)	40069	(a)	—	43152	10.90	—

\$100,000/200,000 BASIC LIMIT OCCURRENCE Premises/Operations (Prem/Ops) (Subline Code 334) Territory 502 Products/Completed Operations (Prod/Cops) (Subline Code 336) Entire State Territory 999											
Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops
43200	48.60	—	44112	.68	—	45771	.36	.139	47254	(a)	—
43215	(a)	—	44113	(a)	—	45819	.117	.068	47318	6.00	—
43421	13.30	—	44193	(a)	—	45900	.075	.032	47367	.29	—
43422	69.80	—	44194	(a)	—	45901	.065	.045	47420	1.32	—
43424	(a)	—	44222	(a)	—	45937	.11	—	47468	(a)	—
43470	5.34	—	44276	65.20	—	45993	(a)	(a)	47469	2.42	—
43517	(a)	—	44277	42.30	—	46004	15.30	—	47471	2.10	—
43518	9.24	—	44280	.29	—	46005	12.30	—	47473	2.74	—
43550	47.50	—	44311	4.77	—	46112	.019	—	47474	3.06	—
43551	26.30	—	44315	3.20	—	46202	2.71	—	47475	2.42	—
43626	7.38	—	44427	17.20	—	46362	127.00	—	47476	2.42	—
43628	95.90	—	44428	17.30	—	46426	18.50	—	47477	3.23	—
43629	81.30	—	44429	.26	—	46427	24.70	—	47478	3.39	—
43754	(a)	—	44430	.18	—	46510	(a)	—	47600	(a)	—
43760	2.71	—	44431	.58	—	46590	(a)	—	47610	(a)	—
43822	4.22	—	44432	.183	—	46603	1.55	—	48039	34.40	—
43840	.052	—	44433	5.82	—	46604	1.79	—	48177	(a)	—
43860	3.34	—	44434	11.10	—	46606	4.77	—	48178	(a)	—
43889	1.20	—	44435	11.50	—	46607	6.56	—	48206	19.50	—
43945	(a)	—	44436	13.50	—	46622	12.40	—	48252	(a)	—
43946	(a)	—	44437	11.20	—	46671	(a)	—	48441	.082	—
43990	(a)	(a)	44438	8.81	—	46700	97.70	—	48557	8.20	—
43991	(a)	—	44439	17.20	—	46773	(a)	—	48558	7.13	—
44009	3.19	—	44440	14.20	—	46822	(a)	—	48600	37.00	—
44010	(a)	(a)	44500	(a)	—	46881	(a)	—	48610	(a)	—
44069	7.89	—	44501	(a)	—	46882	(a)	—	48636	1.25	(a)
44070	2.34	—	45190	2.14	—	46911	14.60	—	48637	6.27	—
44071	2.60	—	45191	1.52	—	46912	26.80	—	48638	3.11	—
44072	1.79	—	45192	1.77	—	46913	(a)	—	48727	(a)	—
44100	2.03	—	45193	1.05	—	46914	(a)	—	48808	1.11	—
44101	2.12	—	45210	1.32	—	46915	(a)	—	48924	(a)	—
44102	1.65	—	45224	(a)	—	46916	(a)	—	48925	150.00	—
44103	1.46	—	45225	(a)	—	47050	1.15	—	49005	.197	—
44104	.61	—	45334	28.00	—	47051	(a)	—	49111	1.70	—
44105	(a)	—	45380	.237	(a)	47052	(a)	—	49181	11.30	—
44106	(a)	—	45450	8.23	—	47103	(a)	—	49183	13.70	—
44108	.72	—	45523	(a)	—	47146	(a)	—	49184	28.90	—
44109	1.82	—	45524	(a)	—	47147	(a)	—	49185	26.30	—
44110	1.86	—	45539	(a)	—	47221	107.00	—	49239	.177	.46
44111	1.14	—	45678	.31	—	47253	(a)	—	49292	.82	—

## 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
49305	(a)	—	51240	.28	.196	51702	.119	(a)	51986	.136	.096
49333	6.04	—	51241	.83	.218	51703	.049	(a)	51999	.057	.40
49451	(a)	—	51250	.20	(a)	51734	.093	.35	52002	.05	.114
49452	(a)	—	51251	.024	(a)	51741	.145	.243	52075	.147	.222
49617	.215	.208	51252	.084	.074	51752	.122	.15	52076	.177	(a)
49618	.181	.072	51253	.072	(a)	51767	.01	.007	52109	.013	(a)
49619	.34	.125	51254	.022	.032	51777	.036	.077	52134	.168	.60
49763	2.21	—	51255	.51	(a)	51790	.06	(a)	52137	.058	(a)
49800	(a)	—	51300	.049	.147	51796	.053	(a)	52150	.31	(a)
49801	94.40	—	51305	.049	.88	51808	.188	.68	52315	.047	.27
49802	8.37	—	51315	.115	.096	51809	.233	.146	52341	.036	(a)
49803	14.80	—	51330	.077	.66	51833	.054	.054	52342	.105	(a)
49840	1.20	—	51333	.025	.32	51850	.186	(a)	52343	.064	(a)
49870	62.70	—	51340	.023	(a)	51851	.126	(a)	52401	.197	(a)
49890	(a)	—	51350	.083	.127	51852	.30	(a)	52402	.013	(a)
49891	(a)	—	51351	.074	.049	51853	.119	(a)	52432	.063	(a)
49902	(a)	—	51352	.102	.101	51854	.27	(a)	52433	.057	.80
49903	(a)	—	51355	.069	.091	51855	.28	(a)	52435	.072	(a)
50010	.136	.38	51356	.075	.56	51856	.154	(a)	52438	.052	(a)
50011	.07	(a)	51357	.163	.76	51857	.26	(a)	52440	.082	(a)
50012	.05	(a)	51358	.39	.129	51869	.062	.136	52467	.075	(a)
50015	.088	(a)	51359	.35	.71	51877	.35	.191	52469	.026	.096
50017	.067	(a)	51370	.27	3.83	51889	.058	.011	52505	.131	.237
50018	.064	(a)	51380	.027	.041	51896	.027	.017	52547	.171	.07
50019	.036	(a)	51400	.18	(a)	51900	.04	.10	52581	.64	2.19
50045	.153	(a)	51401	.27	(a)	51909	.168	.053	52619	.045	(a)
50047	.017	(a)	51500	.051	.116	51919	.058	(a)	52660	.103	—
51001	.043	.42	51516	.087	—	51926	.059	.044	52744	.205	.066
51005	.009	(a)	51517	.099	—	51927	.032	.132	52767	.156	(a)
51116	.109	.69	51550	.064	.40	51934	.065	.107	52876	(a)	(a)
51201	.023	(a)	51551	.022	.89	51941	.059	.041	52911	.036	.42
51205	.071	.059	51552	.038	.152	51942	.094	—	52967	.013	.058
51206	.011	.32	51553	.068	(a)	51956	.25	.205	53001	.132	.30
51210	.076	(a)	51554	.006	(a)	51957	.224	.46	53077	.063	.219
51211	(a)	(a)	51575	.022	.021	51958	.199	.37	53095	.043	(a)
51220	.26	1.90	51576	.122	.097	51959	.204	(a)	53096	.06	(a)
51221	.144	1.76	51600	.083	.172	51960	.027	.33	53121	.172	.40
51222	.176	4.53	51613	.055	.139	51970	.117	.177	53147	.026	(a)
51224	.184	1.49	51625	.04	(a)	51982	.034	.077	53229	.148	(a)
51230	.031	.74	51666	.035	.089	51985	.081	—	53271	.032	(a)

\$100,000/200,000 BASIC LIMIT OCCURRENCE Premises/Operations (Prem/Ops) (Subline Code 334) Territory 502 Products/Completed Operations (Prod/Cops) (Subline Code 336) Entire State Territory 999											
Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops
53333	.146	.248	55715	.135	.203	56918	.059	(a)	58096	.12	1.49
53374	.054	.26	55716	.195	.49	56919	.15	(a)	58301	.047	.077
53375	.029	.27	55717	.198	(a)	56920	.137	(a)	58302	.032	.051
53376	.046	.183	55718	.192	(a)	56980	.067	(a)	58397	.188	.65
53377	.047	.188	55802	.036	.011	57001	.023	.021	58408	.068	—
53403	.03	(a)	55918	.077	2.26	57002	.015	.096	58409	.087	—
53425	.137	(a)	55919	.011	3.42	57090	.22	.68	58456	.046	—
53565	.035	.096	56040	.007	.03	57146	.14	.75	58457	.067	—
53631	.02	.021	56041	.048	(a)	57202	.059	(a)	58458	.087	—
53632	.023	.032	56042	.06	(a)	57257	.074	.034	58459	.104	—
53731	.021	(a)	56170	.135	(a)	57401	.042	.089	58503	.05	.077
53732	.143	.47	56171	.066	(a)	57403	.073	.033	58532	.065	(a)
53733	.093	.228	56202	.048	.078	57410	.02	.173	58559	.013	(a)
53734	.52	—	56390	.084	.70	57411	.034	(a)	58560	.032	(a)
53803	.33	(a)	56391	.072	.30	57572	.012	.099	58561	(a)	(a)
53901	(a)	(a)	56427	.116	.119	57600	.035	.033	58575	.041	.111
53902	(a)	(a)	56488	.06	.038	57611	.072	.055	58627	.131	.012
53903	(a)	(a)	56567	.14	(a)	57625	.31	(a)	58663	.31	.95
53904	(a)	(a)	56650	.43	(a)	57651	.038	.039	58682	.117	(a)
53905	(a)	(a)	56651	.232	(a)	57690	.094	.45	58713	.023	(a)
53907	.063	.086	56652	.166	(a)	57716	.045	.074	58737	.085	.55
53951	(a)	(a)	56653	.16	(a)	57725	.097	.075	58756	.058	(a)
53952	(a)	(a)	56654	.082	(a)	57726	.076	.023	58757	.29	(a)
53953	(a)	(a)	56690	.031	.33	57798	.019	(a)	58759	.035	(a)
54012	.052	—	56699	.053	.067	57800	.071	(a)	58802	.04	.48
54077	.086	.39	56758	.045	.14	57808	.037	(a)	58813	.142	(a)
54444	(a)	(a)	56759	.046	.078	57809	.038	(a)	58822	.11	(a)
55010	.26	.98	56760	.067	.099	57810	.037	.10	58837	.29	.161
55011	.07	1.75	56805	.088	(a)	57871	.045	.111	58840	.085	.121
55012	.084	1.11	56806	.062	(a)	57913	.092	.26	58873	.136	.027
55013	.124	1.12	56807	.061	(a)	57997	.116	—	58903	.025	(a)
55014	(a)	(a)	56808	.08	(a)	57998	.041	.054	58904	.019	.12
55214	.068	.083	56900	.077	(a)	57999	.061	.07	58922	.226	.179
55371	.138	.108	56910	.039	(a)	58009	.061	(a)	59005	.048	.089
55410	(a)	(a)	56911	.12	(a)	58010	.095	(a)	59057	.36	(a)
55426	.15	(a)	56912	.097	.084	58020	.079	(a)	59058	.23	(a)
55597	.017	1.68	56913	.079	(a)	58056	.113	(a)	59188	.156	.052
55647	.034	.065	56915	.47	(a)	58057	.071	(a)	59189	.214	.28
55648	.015	(a)	56916	.42	.215	58058	.064	(a)	59223	.141	.103
55649	.018	(a)	56917	.123	(a)	58095	.09	1.79	59257	.013	.012

## DIVISION SIX

PREM/OPS TERR. 502

## GENERAL LIABILITY

PROD/COPS

## LOSS COST PAGES

\$100,000/200,000 BASIC LIMIT OCCURRENCE Premises/Operations (Prem/Ops) (Subline Code 334) Territory 502 Products/Completed Operations (Prod/Cops) (Subline Code 336) Entire State Territory 999											
Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops
59306	.081	(a)	59923	.009	.005	62003	9.78	—	91125	3.13	1.26
59378	.091	.141	59925	.35	1.19	63010	35.70	—	91127	2.57	1.06
59481	.218	.096	59926	.30	.46	63011	44.70	—	91130	1.57	—
59482	.163	(a)	59927	.202	1.30	63012	63.50	—	91135	.44	(a)
59537	.099	.232	59931	.168	.48	63013	60.10	—	91150	2.43	5.46
59601	.082	2.23	59932	.181	.80	63215	32.30	—	91155	5.40	40.40
59647	.073	.158	59941	.056	(a)	63216	22.40	—	91160	1.26	—
59660	.151	1.06	59947	.063	.30	63217	28.60	—	91175	1.08	—
59661	.074	(a)	59955	.022	.132	63218	9.62	—	91177	4.74	—
59693	.012	—	59963	.16	.37	63219	(a)	—	91179	4.76	—
59695	(a)	(a)	59964	.38	.066	63220	(a)	—	91190	2.55	(a)
59701	.006	.33	59970	.084	.169	64074	15.10	—	91200	.89	—
59713	.135	.33	59973	.103	(a)	64075	10.60	—	91210	(a)	—
59722	.07	.028	59975	.118	.19	64500	(a)	—	91235	2.97	2.28
59723	.026	.034	59977	.067	(a)	65007	19.70	—	91250	4.47	(a)
59724	.04	.015	59984	.028	.049	66122	8.47	—	91265	19.20	2.67
59725	.05	.145	59985	.111	(a)	66123	4.66	—	91266	10.10	1.05
59726	.037	.023	59986	.085	(a)	66309	13.60	—	91280	(a)	3.53
59738	.117	.059	59988	.03	.055	66561	31.50	—	91302	13.10	(a)
59750	.073	.181	59989	.015	.041	67017	29.20	—	91315	3.99	—
59751	.026	(a)	60010	19.80	—	67508	19.40	—	91324	8.89	(a)
59773	.009	.026	60011	22.80	—	67509	14.20	—	91325	(a)	(a)
59774	.008	.141	60012	37.50	—	67510	7.90	—	91340	5.80	8.44
59775	.01	.178	60013	32.20	—	67511	8.55	—	91341	5.43	4.88
59781	.064	.085	60015	24.00	—	67512	36.60	—	91342	5.32	3.55
59782	.095	.56	60016	27.00	—	67513	23.20	—	91343	1.20	1.33
59783	.093	(a)	60035	22.20	—	67634	25.30	—	91405	6.76	—
59784	.071	(a)	61000	19.70	—	67635	17.90	—	91436	6.15	2.22
59790	.09	(a)	61212	11.30	—	68001	54.70	—	91481	22.40	—
59798	.242	.46	61216	12.60	—	68439	70.30	—	91507	3.31	3.14
59806	.173	(a)	61217	11.50	—	68500	4.37	—	91523	50.90	—
59867	.102	(a)	61218	7.82	—	68604	1.32	—	91547	.29	—
59886	.014	.10	61223	55.60	—	68606	5.14	—	91551	1.80	.62
59889	.03	.187	61224	17.70	—	68607	4.06	—	91555	1.79	.89
59892	.093	(a)	61225	24.60	—	68702	3.34	—	91560	5.60	3.87
59904	.063	.076	61226	41.40	—	68703	2.51	—	91562	4.00	—
59905	.064	.12	61227	37.90	—	68706	10.70	—	91577	14.30	3.28
59914	.37	.69	62000	8.62	—	68707	10.60	—	91580	7.40	—
59915	.208	.66	62001	6.80	—	90089	5.20	—	91581	(a)	(a)
59917	.038	.232	62002	3.11	—	91111	3.82	5.63	91582	(a)	(a)

\$100,000/200,000 BASIC LIMIT OCCURRENCE Premises/Operations (Prem/Ops) (Subline Code 334) Territory 502 Products/Completed Operations (Prod/Cops) (Subline Code 336) Entire State Territory 999											
Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops
91583	(a)	(a)	94444	(a)	(a)	97223	2.97	3.35	98308	1.37	1.01
91584	(a)	(a)	94569	3.54	3.82	97308	.78	—	98309	6.72	2.38
91585	(a)	(a)	94590	15.30	—	97447	2.58	5.39	98344	.90	.78
91586	(a)	(a)	94617	4.82	—	97501	(a)	—	98405	1.49	—
91587	(a)	(a)	94638	(a)	—	97502	(a)	—	98413	17.40	(a)
91588	(a)	(a)	95124	1.78	1.03	97503	(a)	—	98414	15.90	(a)
91589	(a)	(a)	95233	3.81	—	97504	(a)	—	98415	2.09	(a)
91590	4.16	—	95305	4.14	—	97650	4.41	3.72	98423	4.97	(a)
91591	(a)	(a)	95306	6.17	—	97651	7.62	3.95	98424	8.43	(a)
91606	15.40	—	95310	9.88	1.20	97652	6.61	4.75	98425	3.47	(a)
91618	(a)	(a)	95357	1.57	—	97653	3.77	2.84	98426	3.06	(a)
91629	3.14	(a)	95358	(a)	—	97654	6.57	2.58	98427	2.98	—
91636	5.38	—	95410	5.33	2.64	97655	5.88	4.33	98428	(a)	—
91641	1.46	(a)	95455	6.50	1.53	98002	1.06	.88	98429	1.40	—
91666	1.12	(a)	95487	2.86	(a)	98003	1.18	(a)	98430	(a)	—
91722	4.71	(a)	95505	3.03	2.30	98090	.159	—	98449	4.27	23.10
91746	4.00	6.20	95620	2.32	(a)	98091	.172	—	98482	4.58	7.32
91805	.248	—	95625	6.28	4.06	98092	.53	—	98483	6.76	19.80
92053	.62	.52	95630	(a)	(a)	98111	.75	—	98502	6.47	3.95
92054	.213	.169	95647	3.57	6.96	98150	(a)	—	98555	3.02	—
92055	5.94	.168	95648	(a)	(a)	98151	(a)	—	98597	.68	—
92101	9.28	2.90	96053	2.72	4.47	98152	3.58	.71	98598	.232	—
92102	5.59	3.72	96317	1.63	—	98153	4.03	(a)	98601	7.76	(a)
92215	4.26	2.99	96408	4.62	12.40	98154	4.77	(a)	98622	(a)	—
92338	2.14	2.28	96409	4.27	10.40	98155	6.66	(a)	98623	(a)	—
92445	3.08	—	96410	3.75	9.03	98156	(a)	(a)	98624	1.22	—
92446	7.06	1.49	96611	1.33	1.34	98157	4.26	.33	98636	3.64	3.21
92447	6.17	1.57	96702	5.31	(a)	98158	(a)	(a)	98640	134.00	—
92451	2.97	2.08	96703	(a)	—	98159	2.86	(a)	98658	6.89	—
92453	3.90	—	96816	4.98	—	98160	6.05	(a)	98659	1.23	.30
92478	1.94	1.63	96872	5.77	(a)	98161	6.78	(a)	98677	21.10	10.60
92593	38.90	—	96930	(a)	—	98162	(a)	(a)	98678	18.70	14.60
92663	.72	—	97002	(a)	(a)	98163	7.12	.171	98698	(a)	(a)
94007	13.20	5.42	97003	(a)	(a)	98164	2.50	.051	98699	6.09	(a)
94099	3.02	—	97047	4.04	—	98257	1.78	—	98705	9.75	—
94225	10.60	—	97050	3.14	—	98303	13.40	6.74	98710	4.23	—
94276	5.53	4.16	97111	6.38	—	98304	6.59	3.49	98751	5.21	—
94304	3.79	(a)	97220	.42	(a)	98305	3.25	2.07	98805	5.53	1.45
94381	7.12	15.80	97221	(a)	1.09	98306	8.35	.83	98806	3.40	3.09
94404	5.24	6.08	97222	1.97	1.65	98307	2.09	.41	98810	4.58	—



## 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
98813	4.42	1.82	99620	.58	—						
98820	10.50	3.34	99650	1.61	.95						
98871	(a)	(a)	99709	3.97	(a)						
98884	2.74	1.93	99718	1.70	—						
98914	.84	.43	99746	2.88	3.09						
98949	1.17	.229	99760	.33	—						
98967	4.31	12.00	99777	7.93	—						
98993	6.97	3.68	99793	3.65	—						
99003	2.05	1.09	99798	(a)	(a)						
99004	3.67	1.55	99803	(a)	10.20						
99080	1.45	6.98	99826	.90	.59						
99081	(a)	—	99827	.53	.52						
99082	(a)	—	99851	2.13	—						
99083	(a)	—	99917	3.45	—						
99084	(a)	(a)	99938	3.86	—						
99085	(a)	(a)	99943	11.20	—						
99111	2.11	—	99946	8.35	2.46						
99160	(a)	—	99948	8.40	25.80						
99163	5.02	.35	99952	6.70	19.60						
99165	1.10	(a)	99953	7.24	10.60						
99220	1.85	(a)	99954	5.27	9.04						
99221	(a)	(a)	99955	6.60	6.73						
99222	3.48	(a)	99963	.83	—						
99223	.31	(a)	99969	3.37	3.38						
99303	16.90	—	99975	5.86	—						
99310	4.21	(a)	99986	(a)	—						
99315	12.40	2.02	99987	(a)	—						
99321	12.00	2.23	99988	2.97	—						
99445	(a)	(a)									
99471	.84	—									
99505	5.90	—									
99506	7.26	—									
99507	6.33	—									
99570	3.40	(a)									
99571	.82	(a)									
99572	1.61	(a)									
99573	1.54	(a)									
99600	1.60	—									
99613	10.60	2.05									
99614	3.56	—									

\$100,000/200,000 BASIC LIMIT OCCURRENCE											
Premises/Operations (Prem/Ops) (Subline Code 334) Territory 503											
Products/Completed Operations (Prod/Cops)						(Subline Code 336) Entire State Territory 999					
Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops
10010	.077	.189	10150	.51	(a)	11204	.32	1.48	13111	.66	.092
10011	.018	(a)	10151	12.90	—	11205	(a)	—	13112	.045	.063
10012	.021	(a)	10160	2.30	—	11206	.83	—	13201	.61	.144
10015	5.15	—	10204	.233	—	11207	10.50	—	13204	.69	1.14
10020	(a)	(a)	10205	.26	—	11208	1.80	—	13205	.27	.42
10025	.018	(a)	10210	.42	(a)	11209	8.45	—	13206	(a)	(a)
10026	.67	.017	10211	.42	(a)	11210	3.60	—	13207	(a)	(a)
10027	.018	(a)	10220	4.89	—	11211	18.70	—	13208	(a)	(a)
10036	.45	(a)	10255	.168	.151	11212	2.83	—	13314	.124	.014
10040	.059	.32	10256	.62	.183	11213	2.31	—	13351	.30	.058
10042	.38	.37	10257	.116	.148	11214	5.68	—	13352	.31	.039
10052	3.56	—	10309	.168	.015	11222	.096	—	13410	.97	2.35
10054	3.16	—	10315	.39	(a)	11234	.29	.059	13411	(a)	(a)
10060	.184	.086	10331	6.99	—	11248	.032	.016	13412	.33	1.21
10065	.28	.032	10332	12.10	—	11258	.71	.102	13453	.38	(a)
10066	.28	.046	10352	.34	.041	11259	.76	.076	13454	.44	(a)
10070	.044	.151	10367	4.81	—	11273	14.50	—	13455	.45	(a)
10071	.33	.115	10368	7.03	—	11274	13.90	—	13461	(a)	(a)
10072	5.44	—	10375	(a)	—	11288	.87	.065	13506	.95	.073
10073	.71	.45	10378	7.07	—	12014	.069	.034	13507	1.15	.168
10075	5.24	.229	10379	3.28	—	12356	1.23	.032	13590	.33	.67
10100	.59	.05	10380	5.61	—	12361	.053	.07	13621	.084	.33
10101	.249	.177	10381	4.86	—	12362	.048	(a)	13670	.03	.017
10105	2.69	—	11007	2.05	—	12373	.018	.023	13673	.54	.015
10107	2.16	.28	11020	.31	.114	12374	.64	.057	13715	.048	.145
10110	17.50	—	11039	.61	.059	12375	.31	.029	13716	.47	.117
10111	.096	.067	11052	1.76	—	12391	.036	.07	13720	.30	.051
10113	.37	—	11101	(a)	(a)	12393	.42	(a)	13759	.184	.132
10115	.74	.084	11120	(a)	—	12467	.173	(a)	13930	.103	.174
10117	5.12	—	11126	.065	.024	12509	.042	.031	14068	.041	.012
10119	(a)	—	11127	.245	.01	12510	.53	.023	14101	.48	.043
10120	11.50	—	11128	.33	.072	12583	.237	(a)	14279	.32	.065
10130	3.67	—	11138	1.75	—	12651	.69	.51	14401	.72	.097
10132	3.16	—	11155	.222	—	12683	.32	(a)	14405	1.20	—
10133	1.69	—	11160	(a)	(a)	12707	.32	.56	14527	.197	.179
10135	(a)	—	11167	.41	—	12797	.067	.194	14655	.092	—
10140	.025	.022	11168	2.10	—	12805	.34	.16	14731	1.74	—
10141	.049	.023	11201	17.90	—	12841	.56	—	14732	.129	—
10145	.237	.006	11202	5.30	—	12927	.097	—	14733	.64	—
10146	.26	.014	11203	.57	.46	13049	.028	.051	14734	.28	—

## DIVISION SIX

PREM/OPS TERR. 503

## GENERAL LIABILITY

PROD/COPS

## LOSS COST PAGES

\$100,000/200,000 BASIC LIMIT OCCURRENCE Premises/Operations (Prem/Ops) (Subline Code 334) Territory 503 Products/Completed Operations (Prod/Cops) (Subline Code 336) Entire State Territory 999											
Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops
14855	.148	.133	16670	2.90	—	18501	.57	.009	40072	(a)	—
14913	.35	.162	16676	.31	.013	18506	.30	.006	40075	22.20	—
15060	(a)	(a)	16694	.28	(a)	18507	.195	.008	40101	9.82	—
15061	(a)	(a)	16705	.154	.131	18570	2.03	—	40102	8.67	—
15062	.133	(a)	16722	(a)	—	18575	(a)	(a)	40111	5.69	—
15063	.155	(a)	16723	(a)	—	18616	.225	.59	40115	(a)	—
15070	.161	—	16750	.108	.034	18707	.007	.005	40117	(a)	—
15119	(a)	—	16751	.108	—	18708	.119	.017	40140	(a)	—
15120	(a)	—	16819	.80	(a)	18833	.087	(a)	41001	.192	—
15123	1.69	—	16820	.62	(a)	18834	.31	.142	41210	(a)	—
15124	.59	—	16881	1.69	(a)	18911	.97	.019	41421	.221	—
15188	.234	(a)	16890	.094	(a)	18912	1.83	.036	41422	.118	—
15223	.035	.044	16891	.103	(a)	18920	.48	.018	41510	48.90	—
15224	.32	.05	16892	.187	(a)	18991	(a)	—	41603	10.50	—
15300	(a)	—	16900	1.57	.078	19007	.66	—	41604	5.76	—
15314	.222	(a)	16901	1.01	.103	19051	1.46	—	41620	1.50	—
15404	.061	(a)	16902	.85	.043	19061	(a)	—	41650	14.80	—
15405	.089	(a)	16905	1.65	.078	19795	.32	(a)	41664	24.30	—
15406	.227	.053	16906	1.05	.103	19796	.37	—	41665	2.85	—
15488	.57	(a)	16910	.94	.05	40005	(a)	—	41666	(a)	—
15538	.39	.016	16911	.85	.048	40006	(a)	—	41667	66.50	—
15600	1.00	.098	16915	.97	.04	40010	(a)	—	41668	62.30	—
15607	.211	—	16916	.80	.049	40015	(a)	—	41669	.44	—
15608	.222	.009	16920	2.14	.112	40020	(a)	—	41670	.73	—
15656	6.55	—	16921	1.95	.041	40026	(a)	—	41672	(a)	—
15699	.52	—	16930	1.23	.128	40031	(a)	—	41673	(a)	—
15733	.148	.034	16931	1.33	.06	40032	(a)	—	41675	(a)	—
15839	.30	.025	16940	2.67	.041	40040	(a)	—	41677	.31	—
15991	.243	.083	16941	1.07	.064	40041	(a)	—	41678	42.50	—
15993	.205	.05	18078	.088	.113	40042	(a)	—	41679	(a)	(a)
16005	.026	.031	18109	.41	.028	40045	161.00	—	41680	7.68	—
16009	.182	.106	18110	.32	.038	40046	31.70	—	41696	.98	—
16402	1.47	—	18200	(a)	—	40047	11.30	—	41697	.68	—
16403	.93	.207	18205	.135	.38	40059	4.05	—	41700	(a)	—
16404	1.17	—	18206	.52	.126	40061	2.15	—	41715	4.87	—
16471	.30	—	18335	.38	.018	40063	71.90	—	41716	3.10	—
16501	.054	(a)	18435	.63	.052	40064	21.10	—	43007	(a)	—
16527	.083	.32	18436	.51	.101	40066	(a)	—	43117	(a)	—
16588	.084	(a)	18437	.54	(a)	40067	(a)	—	43151	11.00	—
16604	.141	.122	18438	1.04	(a)	40069	(a)	—	43152	12.70	—

\$100,000/200,000 BASIC LIMIT OCCURRENCE Premises/Operations (Prem/Ops) (Subline Code 334) Territory 503 Products/Completed Operations (Prod/Cops) (Subline Code 336) Entire State Territory 999											
Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops
43200	42.00	—	44112	.83	—	45771	.26	.139	47254	(a)	—
43215	(a)	—	44113	(a)	—	45819	.086	.068	47318	6.78	—
43421	11.50	—	44193	(a)	—	45900	.114	.032	47367	.31	—
43422	60.40	—	44194	(a)	—	45901	.097	.045	47420	1.48	—
43424	(a)	—	44222	(a)	—	45937	.095	—	47468	(a)	—
43470	5.71	—	44276	56.40	—	45993	(a)	(a)	47469	2.21	—
43517	(a)	—	44277	36.50	—	46004	14.00	—	47471	1.92	—
43518	10.40	—	44280	.31	—	46005	11.20	—	47473	2.51	—
43550	41.00	—	44311	5.38	—	46112	.039	—	47474	2.81	—
43551	22.80	—	44315	3.62	—	46202	3.15	—	47475	2.21	—
43626	8.33	—	44427	35.50	—	46362	148.00	—	47476	2.21	—
43628	108.00	—	44428	35.70	—	46426	21.70	—	47477	2.95	—
43629	91.80	—	44429	.54	—	46427	28.90	—	47478	3.10	—
43754	(a)	—	44430	.37	—	46510	(a)	—	47600	(a)	—
43760	3.06	—	44431	1.19	—	46590	(a)	—	47610	(a)	—
43822	4.51	—	44432	.38	—	46603	1.82	—	48039	29.80	—
43840	.056	—	44433	12.00	—	46604	2.10	—	48177	(a)	—
43860	3.57	—	44434	23.00	—	46606	5.59	—	48178	(a)	—
43889	1.28	—	44435	23.80	—	46607	7.69	—	48206	22.00	—
43945	(a)	—	44436	27.80	—	46622	13.30	—	48252	(a)	—
43946	(a)	—	44437	23.00	—	46671	(a)	—	48441	.093	—
43990	(a)	(a)	44438	18.20	—	46700	84.50	—	48557	9.26	—
43991	(a)	—	44439	35.40	—	46773	(a)	—	48558	8.05	—
44009	2.06	—	44440	29.30	—	46822	(a)	—	48600	43.30	—
44010	(a)	(a)	44500	(a)	—	46881	(a)	—	48610	(a)	—
44069	8.91	—	44501	(a)	—	46882	(a)	—	48636	1.13	(a)
44070	2.64	—	45190	2.48	—	46911	16.50	—	48637	7.07	—
44071	2.93	—	45191	1.76	—	46912	30.20	—	48638	3.51	—
44072	2.03	—	45192	2.06	—	46913	(a)	—	48727	(a)	—
44100	2.50	—	45193	1.21	—	46914	(a)	—	48808	1.68	—
44101	2.60	—	45210	1.54	—	46915	(a)	—	48924	(a)	—
44102	2.03	—	45224	(a)	—	46916	(a)	—	48925	169.00	—
44103	1.80	—	45225	(a)	—	47050	1.23	—	49005	.211	—
44104	.75	—	45334	24.20	—	47051	(a)	—	49111	2.56	—
44105	(a)	—	45380	.173	(a)	47052	(a)	—	49181	9.73	—
44106	(a)	—	45450	7.12	—	47103	(a)	—	49183	11.90	—
44108	.88	—	45523	(a)	—	47146	(a)	—	49184	25.00	—
44109	2.24	—	45524	(a)	—	47147	(a)	—	49185	22.80	—
44110	2.29	—	45539	(a)	—	47221	92.70	—	49239	.129	.46
44111	1.41	—	45678	.33	—	47253	(a)	—	49292	.71	—

## DIVISION SIX

PREM/OPS TERR. 503

## GENERAL LIABILITY

PROD/COPS

## LOSS COST PAGES

\$100,000/200,000 BASIC LIMIT OCCURRENCE Premises/Operations (Prem/Ops) (Subline Code 334) Territory 503 Products/Completed Operations (Prod/Cops) (Subline Code 336) Entire State Territory 999											
Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops
49305	(a)	—	51240	.31	.196	51702	.108	(a)	51986	.151	.096
49333	5.22	—	51241	.92	.218	51703	.045	(a)	51999	.063	.40
49451	(a)	—	51250	.18	(a)	51734	.084	.35	52002	.056	.114
49452	(a)	—	51251	.027	(a)	51741	.161	.243	52075	.133	.222
49617	.139	.208	51252	.093	.074	51752	.136	.15	52076	.16	(a)
49618	.117	.072	51253	.08	(a)	51767	.015	.007	52109	.014	(a)
49619	.219	.125	51254	.025	.032	51777	.051	.077	52134	.187	.60
49763	1.42	—	51255	.46	(a)	51790	.085	(a)	52137	.052	(a)
49800	(a)	—	51300	.07	.147	51796	.059	(a)	52150	.34	(a)
49801	81.60	—	51305	.07	.88	51808	.209	.68	52315	.066	.27
49802	7.24	—	51315	.084	.096	51809	.26	.146	52341	.033	(a)
49803	12.80	—	51330	.07	.66	51833	.076	.054	52342	.095	(a)
49840	1.28	—	51333	.023	.32	51850	.169	(a)	52343	.058	(a)
49870	70.80	—	51340	.025	(a)	51851	.114	(a)	52401	.178	(a)
49890	(a)	—	51350	.118	.127	51852	.27	(a)	52402	.014	(a)
49891	(a)	—	51351	.105	.049	51853	.108	(a)	52432	.07	(a)
49902	(a)	—	51352	.144	.101	51854	.241	(a)	52433	.064	.80
49903	(a)	—	51355	.098	.091	51855	.25	(a)	52435	.08	(a)
50010	.151	.38	51356	.106	.56	51856	.139	(a)	52438	.058	(a)
50011	.063	(a)	51357	.119	.76	51857	.238	(a)	52440	.091	(a)
50012	.056	(a)	51358	.29	.129	51869	.069	.136	52467	.084	(a)
50015	.098	(a)	51359	.25	.71	51877	.39	.191	52469	.029	.096
50017	.075	(a)	51370	.30	3.83	51889	.064	.011	52505	.146	.237
50018	.058	(a)	51380	.03	.041	51896	.03	.017	52547	.154	.07
50019	.04	(a)	51400	.163	(a)	51900	.057	.10	52581	.71	2.19
50045	.17	(a)	51401	.24	(a)	51909	.152	.053	52619	.05	(a)
50047	.019	(a)	51500	.057	.116	51919	.065	(a)	52660	.11	—
51001	.039	.42	51516	.093	—	51926	.066	.044	52744	.29	.066
51005	.008	(a)	51517	.105	—	51927	.036	.132	52767	.141	(a)
51116	.099	.69	51550	.071	.40	51934	.072	.107	52876	(a)	(a)
51201	.026	(a)	51551	.025	.89	51941	.066	.041	52911	.04	.42
51205	.078	.059	51552	.043	.152	51942	.105	—	52967	.015	.058
51206	.012	.32	51553	.076	(a)	51956	.28	.205	53001	.146	.30
51210	.069	(a)	51554	.007	(a)	51957	.249	.46	53077	.07	.219
51211	(a)	(a)	51575	.032	.021	51958	.222	.37	53095	.048	(a)
51220	.235	1.90	51576	.136	.097	51959	.227	(a)	53096	.067	(a)
51221	.13	1.76	51600	.093	.172	51960	.03	.33	53121	.191	.40
51222	.159	4.53	51613	.061	.139	51970	.13	.177	53147	.024	(a)
51224	.166	1.49	51625	.036	(a)	51982	.038	.077	53229	.134	(a)
51230	.028	.74	51666	.05	.089	51985	.087	—	53271	.036	(a)

\$100,000/200,000 BASIC LIMIT OCCURRENCE Premises/Operations (Prem/Ops) (Subline Code 334) Territory 503 Products/Completed Operations (Prod/Cops) (Subline Code 336) Entire State Territory 999											
Class Code	Prem/Ops	Prod/Cops	Class Code	Prem/Ops	Prod/Cops	Class Code	Prem/Ops	Prod/Cops	Class Code	Prem/Ops	Prod/Cops
53333	.132	.248	55715	.15	.203	56918	.053	(a)	58096	.133	1.49
53374	.077	.26	55716	.216	.49	56919	.136	(a)	58301	.042	.077
53375	.041	.27	55717	.179	(a)	56920	.124	(a)	58302	.036	.051
53376	.065	.183	55718	.174	(a)	56980	.074	(a)	58397	.209	.65
53377	.067	.188	55802	.051	.011	57001	.025	.021	58408	.073	—
53403	.042	(a)	55918	.086	2.26	57002	.016	.096	58409	.093	—
53425	.124	(a)	55919	.012	3.42	57090	.199	.68	58456	.05	—
53565	.049	.096	56040	.008	.03	57146	.126	.75	58457	.072	—
53631	.022	.021	56041	.053	(a)	57202	.066	(a)	58458	.093	—
53632	.025	.032	56042	.067	(a)	57257	.082	.034	58459	.112	—
53731	.023	(a)	56170	.122	(a)	57401	.046	.089	58503	.056	.077
53732	.159	.47	56171	.06	(a)	57403	.104	.033	58532	.072	(a)
53733	.104	.228	56202	.053	.078	57410	.022	.173	58559	.015	(a)
53734	.56	—	56390	.093	.70	57411	.03	(a)	58560	.035	(a)
53803	.30	(a)	56391	.08	.30	57572	.013	.099	58561	(a)	(a)
53901	(a)	(a)	56427	.129	.119	57600	.039	.033	58575	.046	.111
53902	(a)	(a)	56488	.085	.038	57611	.065	.055	58627	.146	.012
53903	(a)	(a)	56567	.126	(a)	57625	.34	(a)	58663	.28	.95
53904	(a)	(a)	56650	.39	(a)	57651	.042	.039	58682	.13	(a)
53905	(a)	(a)	56651	.21	(a)	57690	.085	.45	58713	.032	(a)
53907	.07	.086	56652	.15	(a)	57716	.04	.074	58737	.094	.55
53951	(a)	(a)	56653	.145	(a)	57725	.088	.075	58756	.052	(a)
53952	(a)	(a)	56654	.074	(a)	57726	.069	.023	58757	.32	(a)
53953	(a)	(a)	56690	.044	.33	57798	.021	(a)	58759	.039	(a)
54012	.056	—	56699	.059	.067	57800	.079	(a)	58802	.045	.48
54077	.096	.39	56758	.05	.14	57808	.034	(a)	58813	.128	(a)
54444	(a)	(a)	56759	.051	.078	57809	.035	(a)	58822	.123	(a)
55010	.29	.98	56760	.074	.099	57810	.034	.10	58837	.26	.161
55011	.078	1.75	56805	.097	(a)	57871	.04	.111	58840	.077	.121
55012	.093	1.11	56806	.069	(a)	57913	.103	.26	58873	.123	.027
55013	.112	1.12	56807	.068	(a)	57997	.124	—	58903	.028	(a)
55014	(a)	(a)	56808	.089	(a)	57998	.046	.054	58904	.022	.12
55214	.075	.083	56900	.086	(a)	57999	.055	.07	58922	.204	.179
55371	.196	.108	56910	.043	(a)	58009	.055	(a)	59005	.053	.089
55410	(a)	(a)	56911	.109	(a)	58010	.106	(a)	59057	.39	(a)
55426	.136	(a)	56912	.088	.084	58020	.111	(a)	59058	.26	(a)
55597	.019	1.68	56913	.072	(a)	58056	.126	(a)	59188	.221	.052
55647	.038	.065	56915	.43	(a)	58057	.079	(a)	59189	.30	.28
55648	.017	(a)	56916	.38	.215	58058	.071	(a)	59223	.127	.103
55649	.02	(a)	56917	.111	(a)	58095	.10	1.79	59257	.014	.012

## DIVISION SIX

## PREM/OPS TERR. 503

## GENERAL LIABILITY

## PROD/COPS

## LOSS COST PAGES

\$100,000/200,000 BASIC LIMIT OCCURRENCE Premises/Operations (Prem/Ops) (Subline Code 334) Territory 503 Products/Completed Operations (Prod/Cops) (Subline Code 336) Entire State Territory 999											
Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops
59306	.09	(a)	59923	.01	.005	62003	11.50	—	91125	3.13	1.26
59378	.083	.141	59925	.26	1.19	63010	33.00	—	91127	2.57	1.06
59481	.242	.096	59926	.22	.46	63011	41.20	—	91130	1.57	—
59482	.231	(a)	59927	.148	1.30	63012	58.60	—	91135	.44	(a)
59537	.089	.232	59931	.187	.48	63013	55.50	—	91150	2.43	5.46
59601	.091	2.23	59932	.201	.80	63215	37.90	—	91155	5.40	40.40
59647	.103	.158	59941	.063	(a)	63216	26.30	—	91160	1.26	—
59660	.168	1.06	59947	.057	.30	63217	32.30	—	91175	1.08	—
59661	.082	(a)	59955	.024	.132	63218	10.90	—	91177	4.74	—
59693	.014	—	59963	.178	.37	63219	(a)	—	91179	4.76	—
59695	(a)	(a)	59964	.42	.066	63220	(a)	—	91190	2.55	(a)
59701	.007	.33	59970	.076	.169	64074	17.50	—	91200	.89	—
59713	.15	.33	59973	.115	(a)	64075	12.30	—	91210	(a)	—
59722	.078	.028	59975	.107	.19	64500	(a)	—	91235	2.97	2.28
59723	.029	.034	59977	.061	(a)	65007	23.10	—	91250	4.47	(a)
59724	.045	.015	59984	.031	.049	66122	9.92	—	91265	19.20	2.67
59725	.056	.145	59985	.123	(a)	66123	5.46	—	91266	10.10	1.05
59726	.041	.023	59986	.094	(a)	66309	15.90	—	91280	(a)	3.53
59738	.13	.059	59988	.027	.055	66561	36.90	—	91302	13.10	(a)
59750	.066	.181	59989	.016	.041	67017	34.30	—	91315	3.99	—
59751	.024	(a)	60010	18.30	—	67508	17.70	—	91324	8.89	(a)
59773	.013	.026	60011	21.10	—	67509	13.00	—	91325	(a)	(a)
59774	.011	.141	60012	34.60	—	67510	7.23	—	91340	5.80	8.44
59775	.014	.178	60013	29.70	—	67511	7.82	—	91341	5.43	4.88
59781	.058	.085	60015	22.20	—	67512	33.50	—	91342	5.32	3.55
59782	.086	.56	60016	24.90	—	67513	21.30	—	91343	1.20	1.33
59783	.084	(a)	60035	26.00	—	67634	29.60	—	91405	6.76	—
59784	.064	(a)	61000	18.10	—	67635	21.00	—	91436	6.15	2.22
59790	.10	(a)	61212	13.30	—	68001	64.00	—	91481	22.40	—
59798	.219	.46	61216	14.70	—	68439	82.30	—	91507	3.31	3.14
59806	.157	(a)	61217	13.40	—	68500	4.03	—	91523	50.90	—
59867	.113	(a)	61218	9.16	—	68604	1.54	—	91547	.29	—
59886	.015	.10	61223	65.10	—	68606	6.02	—	91551	1.80	.62
59889	.043	.187	61224	20.80	—	68607	4.75	—	91555	1.79	.89
59892	.084	(a)	61225	28.80	—	68702	3.92	—	91560	5.60	3.87
59904	.057	.076	61226	48.50	—	68703	2.94	—	91562	4.00	—
59905	.071	.12	61227	44.40	—	68706	12.60	—	91577	14.30	3.28
59914	.41	.69	62000	10.10	—	68707	12.40	—	91580	7.40	—
59915	.188	.66	62001	7.97	—	90089	5.20	—	91581	(a)	(a)
59917	.035	.232	62002	3.64	—	91111	3.82	5.63	91582	(a)	(a)

\$100,000/200,000 BASIC LIMIT OCCURRENCE Premises/Operations (Prem/Ops) (Subline Code 334) Territory 503 Products/Completed Operations (Prod/Cops) (Subline Code 336) Entire State Territory 999											
Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops
91583	(a)	(a)	94444	(a)	(a)	97223	2.97	3.35	98308	1.37	1.01
91584	(a)	(a)	94569	3.54	3.82	97308	.78	—	98309	6.72	2.38
91585	(a)	(a)	94590	15.30	—	97447	2.58	5.39	98344	.90	.78
91586	(a)	(a)	94617	4.82	—	97501	(a)	—	98405	1.49	—
91587	(a)	(a)	94638	(a)	—	97502	(a)	—	98413	17.40	(a)
91588	(a)	(a)	95124	1.78	1.03	97503	(a)	—	98414	15.90	(a)
91589	(a)	(a)	95233	3.81	—	97504	(a)	—	98415	2.09	(a)
91590	4.16	—	95305	4.14	—	97650	4.41	3.72	98423	4.97	(a)
91591	(a)	(a)	95306	6.17	—	97651	7.62	3.95	98424	8.43	(a)
91606	15.40	—	95310	9.88	1.20	97652	6.61	4.75	98425	3.47	(a)
91618	(a)	(a)	95357	1.57	—	97653	3.77	2.84	98426	3.06	(a)
91629	3.14	(a)	95358	(a)	—	97654	6.57	2.58	98427	2.98	—
91636	5.38	—	95410	5.33	2.64	97655	5.88	4.33	98428	(a)	—
91641	1.46	(a)	95455	6.50	1.53	98002	1.06	.88	98429	1.40	—
91666	1.12	(a)	95487	2.86	(a)	98003	1.18	(a)	98430	(a)	—
91722	4.71	(a)	95505	3.03	2.30	98090	.159	—	98449	4.27	23.10
91746	4.00	6.20	95620	2.32	(a)	98091	.172	—	98482	4.58	7.32
91805	.248	—	95625	6.28	4.06	98092	.53	—	98483	6.76	19.80
92053	.62	.52	95630	(a)	(a)	98111	.75	—	98502	6.47	3.95
92054	.213	.169	95647	3.57	6.96	98150	(a)	—	98555	3.02	—
92055	5.94	.168	95648	(a)	(a)	98151	(a)	—	98597	.68	—
92101	9.28	2.90	96053	2.72	4.47	98152	3.58	.71	98598	.232	—
92102	5.59	3.72	96317	1.63	—	98153	4.03	(a)	98601	7.76	(a)
92215	4.26	2.99	96408	4.62	12.40	98154	4.77	(a)	98622	(a)	—
92338	2.14	2.28	96409	4.27	10.40	98155	6.66	(a)	98623	(a)	—
92445	3.08	—	96410	3.75	9.03	98156	(a)	(a)	98624	1.22	—
92446	7.06	1.49	96611	1.33	1.34	98157	4.26	.33	98636	3.64	3.21
92447	6.17	1.57	96702	5.31	(a)	98158	(a)	(a)	98640	134.00	—
92451	2.97	2.08	96703	(a)	—	98159	2.86	(a)	98658	6.89	—
92453	3.90	—	96816	4.98	—	98160	6.05	(a)	98659	1.23	.30
92478	1.94	1.63	96872	5.77	(a)	98161	6.78	(a)	98677	21.10	10.60
92593	38.90	—	96930	(a)	—	98162	(a)	(a)	98678	18.70	14.60
92663	.72	—	97002	(a)	(a)	98163	7.12	.171	98698	(a)	(a)
94007	13.20	5.42	97003	(a)	(a)	98164	2.50	.051	98699	6.09	(a)
94099	3.02	—	97047	4.04	—	98257	1.78	—	98705	9.75	—
94225	10.60	—	97050	3.14	—	98303	13.40	6.74	98710	4.23	—
94276	5.53	4.16	97111	6.38	—	98304	6.59	3.49	98751	5.21	—
94304	3.79	(a)	97220	.42	(a)	98305	3.25	2.07	98805	5.53	1.45
94381	7.12	15.80	97221	(a)	1.09	98306	8.35	.83	98806	3.40	3.09
94404	5.24	6.08	97222	1.97	1.65	98307	2.09	.41	98810	4.58	—



## DIVISION SIX

PREM/OPS TERR. 503

## GENERAL LIABILITY

PROD/COPS

## LOSS COST PAGES

\$100,000/200,000 BASIC LIMIT OCCURRENCE Premises/Operations (Prem/Ops) (Subline Code 334) Territory 503 Products/Completed Operations (Prod/Cops) (Subline Code 336) Entire State Territory 999											
Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops	Class Code	Prem/ Ops	Prod/ Cops
98813	4.42	1.82	99620	.58	—						
98820	10.50	3.34	99650	1.61	.95						
98871	(a)	(a)	99709	3.97	(a)						
98884	2.74	1.93	99718	1.70	—						
98914	.84	.43	99746	2.88	3.09						
98949	1.17	.229	99760	.33	—						
98967	4.31	12.00	99777	7.93	—						
98993	6.97	3.68	99793	3.65	—						
99003	2.05	1.09	99798	(a)	(a)						
99004	3.67	1.55	99803	(a)	10.20						
99080	1.45	6.98	99826	.90	.59						
99081	(a)	—	99827	.53	.52						
99082	(a)	—	99851	2.13	—						
99083	(a)	—	99917	3.45	—						
99084	(a)	(a)	99938	3.86	—						
99085	(a)	(a)	99943	11.20	—						
99111	2.11	—	99946	8.35	2.46						
99160	(a)	—	99948	8.40	25.80						
99163	5.02	.35	99952	6.70	19.60						
99165	1.10	(a)	99953	7.24	10.60						
99220	1.85	(a)	99954	5.27	9.04						
99221	(a)	(a)	99955	6.60	6.73						
99222	3.48	(a)	99963	.83	—						
99223	.31	(a)	99969	3.37	3.38						
99303	16.90	—	99975	5.86	—						
99310	4.21	(a)	99986	(a)	—						
99315	12.40	2.02	99987	(a)	—						
99321	12.00	2.23	99988	2.97	—						
99445	(a)	(a)									
99471	.84	—									
99505	5.90	—									
99506	7.26	—									
99507	6.33	—									
99570	3.40	(a)									
99571	.82	(a)									
99572	1.61	(a)									
99573	1.54	(a)									
99600	1.60	—									
99613	10.60	2.05									
99614	3.56	—									